

DEADLIEST AMERICAN DISASTERS AND LARGE LOSS-OF-LIFE EVENTS

**A Catalog of, and Notes on, Natural and Man-Made Events Causing Ten or More Fatalities
in America/The United States and its Territories
Since 1492**

Homepage: <http://www.usdeadlyevents.com/>

TYOLOGY

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**Chronology of Events.
States, District of Columbia, and U.S. Territories breakout.
Rank-Ordering within Types by State.
Spreadsheet.**

Listed by number of events:

Human	
Maritime/In-Land water craft	--1,189
Aviation	-- 934
Violence ¹	-- 469
Arson Manslaughter	40
Attacks/Battles (not during war)	49
Bombings	17
Civil War Atrocities/War Crimes	18
Crushing/Trampling/Suffocation	22
Dehydration	1
Forced Marches/Relocations ²	2
Governmental Use of Force	14
Labor-Related	23
Mass Murder/Manslaughter ³	10
Mass Suicide	1
Massacres by Native Americans	78
Massacres of Native Americans	87
Massacres/Atrocities, Other	14
Negligence	1
Plane bombs/deliberately crashed	7
Poisoning (intentional)	1
Political Violence	27
Prison Riots	2
Racial/Ethnic Incidents, Riots	48
Religious Incidents / Riots	9
Sabotage	4
Shootings/Gun Violence ⁴	26
School Shootings ⁵	--8
Shootout (2-28-1993 Davidians)	1
Terrorism	13
Fires, Structural	-- 409
Mine and Tunnel	-- 385
Rail ⁶	-- 355

¹ Sub-listings greater than Total due to cross-listings.

² Incomplete – on “to-do” list.

³ See Shooting Incidents for Mass Murder/Manslaughter using firearms.

⁴ Sub-type meant to capture essentially lone-gunman (exceptions e.g. Columbine in 1999 and the couple in San Bernardino 2015). Some will be cross-listed in Violence-School Shootings, and Violence-Terrorism. Do not include shooting events in such Violence sub-types as Labor, Racial, and Religious-Riots violence.

⁵ One school bombing (Bath) is included.

⁶ Rail type refers to trains, electric rail, trolleys, streetcars, and subways.

Human (continued)

Explosions, commercial, indus., mil.	-- 240
Road/Hwy bus, car, coach, truck, van--	135
Structural Failures	-- 131
Bridge/Trestle, Rail	-- 26
Bridge, Road/Hwy	-- 10
Buildings/Components--	31
Construction	-- 20
Dam, Dike, Levee	-- 34
Other Structural	-- 12
Hazardous Materials Transportation	-- 38
Tainted Food, Drugs, Medication	-- 13
Wood Alcohol Poisoning	-- 9
Carbon Monoxide / Gas Poisoning	-- 8
Swimming Drownings	-- 6
Environmental Smog / Pollution	-- 3
Auto Racing Accidents	-- 1

Natural

Diseases, select communicable	-- 583
Tornadoes (including outbreaks)	-- 440
Flooding (not including Mines)	-- 194
Hurricanes & Tropical Storms	-- 180
Winter Storms/Weather/Exposure/Cold--	107
Fog, Contributing Factor	-- 81
Heat	-- 71
Fire--Forest, Prairie and Wildfires ⁷	-- 33
Avalanche/Snowslide	-- 20
Landslides, Mudslides, Debris Flows--	20
Wind Storms/Severe Thunderstorms	-- 19
Earthquakes	-- 17
Lightning and Lightning-Related	-- 12
Tsunamis	-- 7
Starvation	-- 6
Dust/Sand Storm/Dust Bowl-related	-- 5
Swimming Drownings	-- 5
Volcano	-- 3
Hail (aviation related)	-- 1
Paralytic Shellfish Poisoning (PSP)	-- 1
Southeaster North Pacific Storm (AK)--	1

⁷ Some wildfires noted were human-caused.

Typologies, Sub-Typologies (Alphabetical) Ten-or-More Deaths Large Loss-of-Life Events

Automobile Racing	--	1	
Avalanche/Snowslide	--	20	
Aviation	--	934	
Air Shows and Races	--	10	[Sub-Types to be completed.]
Bird Strike	--	3	
Business/Corporate	--		
Charter	--		
Helicopter/Tilt-Rotor	--	25	
Lighter-than-air balloons/blimps/dirigibles	--	8	
Military	--	590	
Parachuting/Skydiving	--	11	
Private	--		
Scheduled Gen. Aviation Carriers	--		
Carbon Monoxide / Gas Poisoning	--	8	
Diseases, select communicable, esp. Epidemics	--	583	
Cholera	--	19	
Croup	--	4	
Diphtheria	--	41	(Small sampling of years to compare with other diseases.)
Dysentery	--	27	(Small sampling of dysentery years.)
Hantavirus	--	1	
HIV / Aids	--	1	(2010 only)
Influenza	--	46	(Small sampling; includes Pediatric-only influenza.)
Legionnaires'	--	2	
Lung Fever (pneumonia)	--	1	
Malaria	--	8	
Measles	--	41	(Small sampling of years to compare with other diseases.)
Meningitis	--	13	(Includes early 19 th century "spotted fever.")
Plague	--	4	
Polio	--	58	
Scarlet Fever	--	39	(Small sampling of years to compare with other diseases.)
Smallpox	--	90	
Tuberculosis	--	20	(Small sampling of years to compare with other diseases.)
Typhoid Fever	--	33	(Small sampling of years to compare with other diseases.)
Typhus	--	4	
Whooping Cough	--	14	(Small sampling of years to compare with other diseases.)
Yellow Fever	--	99	
Other	--	20	
Dust/Sand Storm/Dust Bowl-related	--	5	
Earthquakes	--	17	
Environmental Smog / Pollution	--	3	
Explosions, commercial, industrial, military (excluding maritime and mining)	--	240	
Blasting Agents/Dynamite/Explosives/Fireworks/Gunpowder/Munitions	--	93	
Chemicals	--	15	
Dust	--	13	

Fumes, Fuel Vapor, Natural Gas, LNG, LPG	-- 43
Gasoline, Kerosene, Naptha, Oil	-- 13
Machinery, Boilers, Engines	-- 27
Other	-- 6
Fires -- Forest, Prairie and Wildfires	-- 33
Fires, Structural	-- 409
Arson, Bombing	--40
Churches	-- 2
Commercial (retail)	--21
Conflagration, urban	--14
Entertainment (Nightclubs, Dance/Gambling Halls, Supper/Social Clubs, Cocktail Lounge)--	19
Hotels and motels, country clubs (temporary lodging) --	79
Industrial – Production, Manufacturing, Warehouses, Wholesale --	57
Institutional – Hospitals	-- 7
Institutional – Mental Asylums/Boarding Homes --	16
Institutional – Nursing, Convalescent, Elderly Boarding, Retirement –	38
Institutional – Orphanages	-- 5
Institutional – Pauper and Poor Houses--	4
Institutional – Penal (Jails, Penitentiaries, Prisons, Prison Camps, Work Houses –	12
Institutional – Schools and Colleges	--11
Maritime (Docks)	-- 5
Residential (homes, houses)	--26
Tenements, apartments, boarding houses, row-houses, barracks --	70
Terrorism	-- 4
Theaters and Opera Houses	--11
Other	-- 9
Floods and Flooding (not including Mines)	-- 194
Fog (as a contributing factor)	-- 81
Hail	-- 1
Hazardous Materials Transportation	-- 38
Heat	-- 71
Hurricanes and Tropical Storms	-- 180
Landslides, Mudslides, Debris Flows	-- 20
Lightning and Lightning-Related	-- 12
Maritime/In-Land Water Craft	--1189
Boiler Flue Collapse, Scalding	-- 11
Collisions	--136
Disease (epidemical outbreaks)	-- 32
Explosions	--205
Fire	-- 99
Foundering (sinking/capsizing/swamped)	--107
Grounding (bars, reefs, rocks, shore) --	70
Lost	--181
Offshore oil platforms	-- 6
Snags and Sawyers	-- 36
Storms	--289

Other	-- 28	
Mining, Quarrying, Tunneling, Subsidence	-- 385	
Mining	--364	
Quarrying	-- 6	
Subsidence	-- 1	
Tunneling	-- 15	
Rail ⁸	-- 355	
Southeaster North Pacific (Alaska) Storm	-- 1	
Starvation	-- 6	
Structural Failures	-- 131	
Bridge/Trestle, Rail	-- 26	
Bridge, Road/Hwy/pedestrian	-- 10	
Buildings/Components	-- 31	
Construction Work	-- 20	
Dam, Dike, Levee	-- 34	
Other Structural	-- 12	
Swimming Drownings (non-flood or boat-related)	-- 6	
Tainted Food, Drugs, Medications	-- 13	
Tornadoes (including outbreaks of more than one)	-- 440	
Tsunamis	-- 7	
Vehicular -- Road/Highway	-- 135	
Automobile, pickup, SUV, van	--25	
Bridge or Span Collapse	-- 8	
Bus/Motorcoach (non school-bus)	--49	
Multi-vehicle crashes/pileups	-- 7	
Rail crossings/collisions with trains	--30	
School Busses	--12	
Trucks (large)/tractor trailers/tankers	--35	
Violence ⁹	-- 469	
Arson Manslaughter/Homicide	--40	
Attacks/Battles (not during war)	--49	
Bombings	--17	
Civil War Atrocities/War Crimes	--18	
Crushing/Trampling/Suffocation	--22	
Dehydration	-- 1	
Forced Marches/Relocations ¹⁰	-- 2	
Governmental Use of Force	--14	
Labor-Related	--23	
Mass Murder/Manslaughter ¹¹	--10	
Mass Suicide	-- 1	
Massacres by Native Americans	--78 (includes several French and Native events)	
Massacres of Native Americans	--87	

⁸ Rail type refers to trains, electric rail, trolleys, streetcars, and subways.

⁹ Sub-listings greater than Total due to cross-listings.

¹⁰ Incomplete – on “to-do” list.

¹¹ See Shooting Incidents for Mass Murder/Manslaughter using firearms.

Massacres/Other	--15	
Negligence	-- 1	
Planes blown-up/crashed	-- 7	
Poisoning, intentional	-- 1	
Political Violence	--27	
Prison Riots	-- 2	
Racial/Ethnic Incidents/Riots	--48	
Religious Incidents / Riots	-- 9	
Sabotage	-- 4	
Shootings/Gun Violence	--27	
School Shootings ¹²	-- 8	
Shootout (2-28-1993 ATF/Davidians)	-- 1	
Terrorism	--13	
Volcano Eruptions	--	3
Wind Storms/Severe Thunderstorms	--	18
Winter Storms/Weather/Exposure/Cold	--	107
Wood Alcohol Poisoning	--	9

Top Ten Typologies (number of events in which 10 or more people died)

1. Maritime/In-Land Water Craft	--1,189	
2. Aviation	-- 934	
3. Diseases, select communicable	-- 583	
4. Violence	-- 469	
5. Tornadoes (including outbreaks)	-- 440	
6. Fires, Structural	-- 408	
7. Mine and Tunnel	-- 385	
8. Rail ¹³	-- 355	
9. Explosions, commercial, indus., mil.	-- 240	
10. Flooding (not including Mines)	-- 194	
11. Hurricanes & Tropical Storms	-- 180	
12. Road/Hwy bus, car, coach, truck, van	-- 135	
13. Structural Failures	-- 131	
14. Winter Storms/Weather/Exposure/Cold	--107	
15. Fog, Contributing Factor	-- 81	
16. Heat	-- 71	
17. Hazardous Materials Transportation	-- 38	
18. Fires -- Forest, Prairie and Wildfires	-- 33	
19. Avalanche/Snowslide	-- 20	
20. Landslides, Mudslides, Debris Flows	-- 20	
21. Wind Storms/Severe Thunderstorms	-- 18	
22. Earthquakes	-- 17	
23. Tainted Food, Drugs, Medications	-- 13	

¹² One school bombing (Bath) is included.

¹³ Rail type refers to trains, electric rail, trolleys, streetcars, and subways.

24. Lightning and Lightning-Related	--	12
25. Wood Alcohol Poisoning	--	9
26. Carbon Monoxide / Gas Poisoning	--	8
27. Tsunamis	--	7
28. Starvation	--	6
29. Swimming Drownings	--	6
30. Dust/Sand Storm/Dust Bowl-related	--	5
31. Environmental Smog / Pollution	--	3
32. Volcano	--	3
33. Auto Racing Accidents	--	1
34. Hail (aviation related)	--	1
35. Southeaster North Pacific (AK) storm--		1
36. Tainted medications	--	1

The “Types” noted below could be reorganized into “Natural,” “Man-Made” (Non-Intentional), and “Man-Made (Intentional) – or other broad typologies of one’s preference. However, because of the interrelationships which exist amongst hazard “Types” we have chosen instead to seek to “deconstruct” possible broader characterizations of the disaster “Types” below.

We do not assert a consensus in the hazard, disaster and “want to do about them” (emergency management) communities concerning this chosen methodology. It simply serves to advance the author’s thinking about hazards, hazard risk assessment, and the place of hazard mortality risk within a risk management framework. A more informed awareness of historical disasters might contribute to future risk mitigation.

AUTOMOBILE RACING Incidents – Deadliest American

1. 1911 -- Sep 16, Race Car Crashes through Fence, Syracuse State Fair, NY -- 10

Other:

2. 2008 -- Feb 16, Car hits street race spectators, Indian Head Highway, Accokeek, MD¹⁴ -- 8
3. 2010 -- Aug 14, Cal 200 Race crash into Crowd, Soggy Dry Lake Bed, Mojave Desert, CA-8
4. 1910 -- Auto Racing Accident, Long Island Motor Parkway, NY -- 4
5. 1913 -- Sep 01, Labor Day Race Wreck, State Fair Grounds, Nashville, TN -- 4
6. 1909 -- Aug 20, Car Racing Wreck, Indianapolis, IN -- 3
7. 1937 -- May 16, Spectators Killed, Langhorne Speedway, Langhorne, PA -- 3
8. 1998 -- July 26, Racing Crash, Spectators Killed, U.S. 500, Brooklyn, MI -- 3
9. 1999 -- May 1, Spectators killed by debris; VisionAire 500 Race crash, Concord, NC -- 3

¹⁴ Cross-listed in Road/Highway.

AVALANCHE/Snow or Ice Slide – Deadliest American – By Fatalities

1.	1910 -- Mar 01, Avalanche, Derails Two Trains, ¹⁵ Stevens Pass, Wellington, WA	-- 118
2.	1906 -- Feb 27, Avalanche, Wallace, ID	-- 75
3.	1898 -- Apr 03, Avalanche, Palm Sunday Outbreak, Chilkoot Trail, Skagway, AK	-- 73
4.	1867 -- Avalanche, Mining Camps, Wasatch Range, Alta, UT	--60-65
5.	1906 -- Feb 29, Avalanche, Mace, CO	-- 60
6.	1926 -- Feb 17, Avalanche, Sap Gulch, Bingham, UT	-- 40
7.	1885 -- Feb 13, Avalanche, Alta, UT	-- 30
8.	1910 -- Feb 27-28, Snowslides, Coeur d'Alene District, esp. Mace & Burke, ID	--19-24
9.	1902 -- Feb 28, Avalanche, Liberty Bell Mine Snow Slide, Near Telluride, CO	-- 19
10.	1911 -- Mar 10?, Avalanches, Mono County, CA	-- 17
11.	1917 -- Feb 25, Avalanche, North Star Gold/Lead/Silver Mine Snow Slide, Hailey, ID	-- 17
12.	1906 -- Mar 18/19, Snow Storm, Avalanches, CO	-- 16
13.	1884 -- Mar 11~, Avalanche, Woodstock, CO	-- ~15
14.	1883 -- Dec 25, Avalanche (Mendota Slide), Near Telluride, CO	-- 13
15.	1884 -- Mar 07, Avalanche, New Emma Mine, Alta, New Cottonwood, UT	-- 12
16.	1911 -- Mar 11, Avalanche, Hydro-Electric Company Plant Employees, Jordan, NV	-- 8-11
17.	1981 -- June 21, Ice Fall/Avalanche, Ingraham Glacier climbers, Mt. Rainier, WA	-- 11
18.	1883 -- Jan 30, Avalanche, American Fork Canyon, UT	-- 10
19.	1883 -- Jan 30, Avalanche, Howard Smith Coal Mine, near Crested Butte, CO	-- ~10
20.	1899 -- Feb 12, Avalanche, Silver Plume, CO	-- 10

Other:

	1916 -- Jan 22, Avalanche hits Cascade Lmtd. Train, Cascades, ~Corea Station, WA	-- 7-8
	1962 -- Jan 21, Avalanche hits two homes, Twin Lakes, near Leadville, CO	-- 7
	1982 -- Mar 31, Alpine Meadows, California, Avalanche,	-- 7
	2007 -- Feb 17-18, Avalanche Deaths; Utah (4); Montana (2); Idaho (1)	-- 7
	1999 -- March 21, Avalanche, Snowmobilers buried, Turnagain Pass, Kenai Mts., AK	-- 6
	1993 -- Dec 31, Avalanche kills snowmobilers, Swan Range, near Big Fork, MT	-- 5
	2013 -- Apr 20, Avalanche, snowboarders, west flank Mt. Sniktau ~Loveland Pass, CO	-- 5

¹⁵ Cross-listed in Rail

AVALANCHE/Snow or Ice Slide – Deadliest American – Chronological

1. 1867 -- Avalanche, Mining Camps, Wasatch Range, Alta, UT --60-65
2. 1883 -- Jan 30, Avalanche, American Fork Canyon, UT -- 10
3. 1883 -- Jan 30, Avalanche, Howard Smith Coal Mine, near Crested Butte, CO -- ~10
4. 1883 -- Dec 25, Avalanche (Mendota Slide), Near Telluride, CO -- 13
5. 1884 -- Mar 07, Avalanche, New Emma Mine, Alta, UT -- 12
6. 1884 -- Mar 11~, Avalanche, Woodstock, CO -- ~15
7. 1885 -- Feb 13, Avalanche, Alta, UT -- 30

8. 1898 -- Apr 03, Avalanche, Palm Sunday Outbreak, Chilkoot Trail, Skagway, AK -- 73
9. 1899 -- Feb 12, Avalanche, Silver Plume, CO -- 10

10. 1902 -- Feb 28, Avalanche, Liberty Bell Mine Snow Slide, Near Telluride, CO -- 19
11. 1906 -- Feb 27, Avalanche, Wallace, ID -- 75
12. 1906 -- Feb 29, Avalanche, Mace, CO -- 60
13. 1906 -- Mar 18/19, Snow Storm, Avalanches, CO -- 16

14. 1910 -- Mar 01, Avalanche, Derails Two Trains,¹⁶ Stevens Pass, Wellington, WA -- 118
15. 1910 -- Feb 27-28, Snowslides, Coeur d'Alene District, esp. Mace & Burke, ID --19-24
16. 1911 -- Mar 10?, Avalanches, Mono County, CA -- 17
17. 1911 -- Mar 11, Avalanche, Hydro-Electric Company Plant Employees, Jordan, NV -- 8-11
- 1916 -- Jan 22, Avalanche hits Cascade Lmtd. Train, Cascades, ~Corea Station, WA -- 7-8
18. 1917 -- Feb 25, Avalanche, North Star Gold/Lead/Silver Mine Snow Slide, Hailey, ID-- 17

19. 1926 -- Feb 17, Avalanche, Sap Gulch, Bingham, UT -- 40

- 1962 -- Jan 21, Avalanche hits two homes, Twin Lakes, near Leadville, CO -- 7

20. 1981 -- June 21, Ice Fall/Avalanche, Ingraham Glacier climbers, Mt. Rainier, WA -- 11

- 1982 -- Mar 31, Avalanche, Alpine Meadows, CA -- 7

- 1993 -- Dec 31, Avalanche kills snowmobilers, Swan Range, near Big Fork, MT -- 5
- 1999 -- March 21, Avalanche, Snowmobilers buried, Turnagain Pass, Kenai Mts., AK-- 6

- 2007 -- Feb 17-18, Avalanche Deaths; Utah (4); Montana (2); Idaho (1) -- 7
- 2013 -- Apr 20, Avalanche, snowboarders, west flank Mt. Sniktau ~Loveland Pass, CO-- 5

¹⁶ Cross-listed in Rail

AVIATION RACING/SHOW Incidents – Deadliest American – By MORTALITY

1. 1972 -- Sep 24, Air Show Plane Crash/Fire, Ice Cream Parlor, Sacramento, CA -- 22
2. 1951 -- Sep 15, Stunt Plane Crash, Airshow, Flagler, CO -- 20
3. 2011 -- Sep 16, National Championship Air Race Crash into Grandstand, Reno, NV¹⁷ -- 11
4. 1930 -- Apr 27, Plane Buzzes Spectators, Crashes at Air Show near Fayetteville, TN -- 9
5. 1982 -- Sep 11, USAF Chinook Crash, Airshow, ~Mannheim, Germany --46, U.S. 7-8
6. 1946 -- Aug 09, USAF A-26 Bombers Collide, No. Montana State Fair, Great Falls -- 7
7. 1922 -- Sep 23, US Bomber Crashes, “Flying Circus”, Mitchel Field, Mineola, NY -- 6
8. 1940 -- Oct 20, Plane Catches Parachute’s Shrouds, Crashes, Marianna Airshow, AR -- 6
9. 1945 -- May 27, Plane Crash debris hits car, USAAF Show, Wright Field, Dayton, OH-- 5
10. 1949 -- Sep 05, P-51 Mustang Plane Crash, Cleveland Air Races, OH -- 3

AVIATION RACING/SHOW Incidents – Deadliest American – CHRONOLOGICAL

1. 1922 -- Sep 23, US Bomber Crashes, “Flying Circus”, Mitchel Field, Mineola, NY -- 6
2. 1930 -- Apr 27, Plane Buzzes Spectators, Crashes at Air Show near Fayetteville, TN -- 9
3. 1940 -- Oct 20, Plane Catches Parachute’s Shrouds, Crashes, Marianna Airshow, AR -- 6
4. 1945 -- May 27, Plane Crash debris hits car, USAAF Show, Wright Field, Dayton, OH-- 5
5. 1946 -- Aug 09, USAF A-26 Bombers Collide, No. Montana State Fair, Great Falls -- 7
6. 1949 -- Sep 05, P-51 Mustang Plane Crash, Cleveland Air Races, OH -- 3
7. 1951 -- Sep 15, Stunt Plane Crash, Airshow, Flagler, CO -- 20
8. 1972 -- Sep 24, Air Show Plane Crash/Fire, Ice Cream Parlor, Sacramento, CA -- 22
9. 1982 -- Sep 11, USAF Chinook Crash, Airshow, ~Mannheim, Germany --46, U.S. 7-8
10. 2011 -- Sep 16, National Championship Air Race Crash into Grandstand, Reno, NV¹⁸ -- 11

¹⁷ Cross-listed in Aviation.

¹⁸ Cross-listed in Aviation.

AVIATION Disasters -- Master Set -- (Including Puerto Rico)¹⁹ -- By MORTALITY

1. 2001 -- Sep 11, American 11 Hi-hacked, flown into WTC North, NY²⁰ --1,392-1,431
2. 2001 -- Sep 11, United Air 175 Hi-jacked, flown into WTC South, NY²¹ -- 665
3. 1977 -- Mar 27, KLM 4805/Pan Am 1736 Collide, fog, Tenerife Airport, Canary Is. --~339
4. 1979 -- May 25, American Airlines #191 takeoff crash, O'Hare IAP, Chicago, IL -- 273
5. 1988 -- Dec 21, Pan Am Flight 103 Blown-Up over Lockerbie, Scotland --²² (189 U.S.)-270
6. 2001 -- Nov 12, American Airlines flight 587 Crash, Bell Harbor, Queens, NY -- 265
7. 1985 -- Dec 12, Crash, US Mil. Charter, Arrow Air #1285, Gander, Newfoundland, Can.-256
8. 1996 -- July 17, TWA Flight 800, From JFK Explodes Over Ocean off NY -- 230
9. 1999 -- Oct 31, Egypt Air 990 Crash, Mass Murder, off Nantucket Island, MA²³ -- 217
10. 2001 -- Sep 11, American Airlines #77, Pentagon Attack, Arlington VA²⁴ -- 189

11. 1987 -- Aug 16, Northwest Airlines Flight 255 takeoff crash, hits cars, Detroit, MI -- 156
12. 1975 -- Apr 04, Operation Babylift C-5 Crash ~Tan Son Nhut AB, Vietnam--50-52US of 155
13. 1982 -- July 9, Pan Am 759 takeoff crash (windshear), NOIA, Kenner, LA²⁵ --153-154
14. 1978 -- Sep 25, Pacific Southwest 182/Private Plane Crash, San Diego, CA -- 144
15. 1985 -- Aug 2, Delta Flight 191, Wind Shear, Crash, Dallas-Fort Worth IAP, TX -- 137
16. 1960 -- Dec 16, United/TWA Crash, Staten Island/Brooklyn, NY -- 134
17. 1994 -- Sep 08, US Air Flight 427 crashes, Aliquippa, near Pittsburgh Airport, PA -- 133
18. 1953 -- June 18, USAF Globemaster II Crash, Tachikawa AFB, Tokyo, Japan -- 129
19. 1956 -- Jun 30, TWA 2 & United 718 Collision, Grand Canyon AZ -- 128
20. 1998 -- Sep 2, Swissair 111 (NY to Geneva) crashes off Peggy's Cove, N.S., Can--229 (US 117)
21. 1975 -- Jun 24, Eastern Flight 66 Crashes, Microburst, JFK Airport, NY -- 113
22. 1989 -- July 19, United Flight 232 hydraulic system failure/crash, Sioux City, IA²⁶ -- 112
23. 1971 -- Sep 4, Juneau approach crash, Alaska Air 1866, Mt. Fair (Chilkats), AK -- 111
24. 1996 -- May 11, ValuJet Flight 592 Cargo hold fire and crash, Everglades, FL -- 110
25. 1963 -- Jun 03, Northwest Air 293 Crash, North Pacific, off Annette Island., AK -- 101
26. 1972 -- Dec 29, Eastern Airlines Flight 401 Crash, Everglades, FL -- 101
27. 1974 -- Jan 30, Pan Am 806 Plane Crash, Pago Pago, American Samoa -- 97
28. 1962 -- Mar 16, Flying Tiger Charter Flight 739 Disappears, Western Pacific -- 96
29. 1962 -- Mar 01, American Air Flight 1 Crashes, Jamaica Bay, Queens, NY -- 95
30. 1974 -- Dec 01, TWA Flight 514 Flies Into Mt. Weather, VA, -- 92
31. 1973 -- July 31, Delta Air Flight 723 Crash/Fog, Seawall, Logan, Boston, MA²⁷ -- 89
32. 2000 -- Jan 31, Alaska Airlines Flight 261 Crash, Off Point Mugu, Ventura Co., CA -- 88
33. 1952 -- Dec 20, USAF Globemaster II Cartwheels on takeoff, Larson AFB, WA -- 87
34. 2001 -- Sep 11, American Air 11 Hijacked, flown into WTC North, NY²⁸ -- 87

¹⁹ With a few notable exceptions have not included US General Aviation disasters overseas.

²⁰ Cross-listed in Violence-Terrorism.

²¹ Cross-listed in Violence-Terrorism.

²² Cross-listed in Violence-Bombing and Violence-Terrorism.

²³ Cross-listed in Violence-Mass Murder

²⁴ Cross-listed in Violence-Terrorism.

²⁵ The difference in number of fatalities has to do with whether or not one includes the death of an unborn seven-month-old fetus. On July 13, 1982 the Jefferson Parish coroner added the unborn fetus to his list of deaths (154).

²⁶ 111 deaths at the time and one of the seriously injured who died 31 days later from their burn injuries.

²⁷ Cross-listed in Fog as contributing condition.

35. 1964 -- Mar 01, Paradise Air Flight 901A, Crash/Snowstorm, Genoa Peak, NV	--	85
36. 1965 -- June 25, USAF Boeing KC-135 Crash, El Toro Air Force Base, CA	--	85
37. 1968 -- May 03, Braniff Flight 352 Crashes, Thunderstorm, Houston to Dallas TX	--	85
38. 1965 -- Feb 08, Eastern Air # 663, Crashes, Jones Beach State Park, NY	--	84
39. 1969 -- Sep 09, Allegheny Air Flight 853/Piper Collision, Fairland, IN	--	83
40. 1966 -- Apr 22, American Flyers Airline Flight 280/D Crash, NE, Ardmore, OK	--	83
41. 1967 -- July 19, Piedmont Flight 22 Collision Cessna 310, Asheville, NC	--	82
42. 1986 -- Aug 31, Aeronaves de Mexico 498 & Piper collide, Cerritos, CA (15 on ground)--		82
43. 1963 -- Dec 8, Pan Am Flight 214 Crash (Lightning), Elkton, MD	--	81
44. 1960 -- Sep 19, World Air MAT Plane Crash, Agana Naval Air Station, Guam	--	80
45. 1964 -- May 11, USAF C-135 hits fence/crashes, landing, Clark U.S. AB, Philippines	--	78-80

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

46. 1961 -- Sep 01, TWA Flight 529 Crashes 9 Miles West of Chicago-Midway, IL	--	78
47. 1982 -- Jan 13, Air Florida 90 Crash, 14 th St. Bridge/Potomac River, Wash., DC	--	78
48. 1961 -- Nov 08, Imperial Airlines Flight 201/8, Crashes, Richmond, VA	--	77
49. 1933 -- Apr 04, Dirigible Crash, USS <i>Akron</i> (Navy ZRS-4), off Coast of NJ ²⁹	--	75
50. 1970 -- Nov 14, Southern Airways Flight 932 Crash, Huntington, WV,	--	75
51. 1956 -- Jun 20, Linea Aeropostal Venezolana Crash, Ashbury Park, NJ	--	74
52. 1979 -- Oct 31, Western Airlines Flight 2605 crash, Mexico City Int. Airport --34 U.S. of		73
53. 1990 -- Jan 25, Avianca #52 runs out of fuel/crashes, Cove Neck, Long Island, NY	--	73
54. 1974 -- Sep 11, Eastern Air Flight 212 Crashes in Fog, Charlotte, NC	--	72
55. 1977 -- Apr 04, Thunder/Hailstorm, Southern Airways Flight 242 Crash, Hope, GA ³⁰	--	72
56. 1967 -- Nov 20, TWA Flight 128 Crashes, Constance, KY	--	70
57. 1985 -- Jan 21, Galaxy Air Charter Flight 203 Crashes, Reno NV	--	70
58. 1994 -- Oct 31, American Eagle Flight 4148 Crashes, Icing, Roselawn, IN	--	68
59. 1955 -- Mar 22, US Navy R6D-1 Crashes, Waianae Range, NW of Honolulu, HI	--	66
60. 1955 -- Aug 11, Two USAF C-119 Flying Boxcars Collide over Edelweiler, Germany--		66
61. 1955 -- Oct 06, United Flight 409 Crash, Medicine Bow Peak, near Centennial WY	--	66
62. 1959 -- Feb 03, American Flight 320 Crashes into East River, NYC, NY	--	65
63. 2001 -- Sep 11, American Airlines Hijacked, Flown into Pentagon, Arlington VA ³¹	--	64
64. 1960 -- Mar 17, Northwest Flight 710 Breaks-up, Crashes near Tell City, IN	--	63
65. 1960 -- Oct 04, Eastern Airlines Electra Hits Birds, Crashes, Logan, Boston, MA	--	62
66. 2001 -- Sep 11, United Air 175 Hi-jacked, flown into WTC South, NY ³²	--	60
67. 1956 -- Oct 10, USN MATS Transport Plane lost from UK to Lincoln AFB, NE	--	59
68. 1950 -- Jun 23, NW Orient 2501 Disappears, Lake MI, near Benton Harbor, MI	--	58
69. 1953 -- July 12, Transocean Air Flight 512 Crash, Pacific Ocean, Wake Is. to HI	--	58
70. 1964 -- Feb 25, Eastern Air Flight 304 Crashes in Lake Pontchartrain, LA	--	58
71. 1965 -- Nov 08, American 383 Crash, ~Cincinnati/N KY Airport, Constance, KY	--	58
72. 1951 -- Dec 16, Miami Airlines C-46 Crash, Elizabeth, NJ, near Newark Int. AP	--	56

²⁸ Cross-listed in Violence-Terrorism; figure does not include 5 al-Qaeda Terrorists.

²⁹ 73 fatalities on the Akron and 2 fatalities from rescue attempt, crew of airship J-3.

³⁰ Cross-listed in Hail as a contributing condition.

³¹ Cross-listed in Violence—Terrorism.

³² Cross-listed in Violence—Terrorism; figure does not include the five terrorists.

73.	1949 -- Nov 01, Eastern Flight 537/Bolivian P-38 Jet Collide, Wash. Nat. AP, DC	--	55
74.	1970 -- Aug 09, Lansa Flight 502 takeoff crash near Cuzco Airport, Peru	--101 (US 54-55)	
75.	1947 -- May 30, Eastern Air Lines Flight 605 Crash, Near Bainbridge, MD	--	53
76.	1949 -- June 07, Strato-Freight from San Juan PR to Miami Crashes after takeoff	--	53
77.	1951 -- Mar 22, USAF C-124A Globemaster from Loring AFB Explodes, No. Atlantic--		53
78.	1960 -- Dec 17, USAF C-131 Samaritan Takeoff Crash, Munich, Germany	--51-53(20 U.S.)	
79.	1947 -- Oct 24, United Flight 608 Crashes Near Bryce Canyon Airport, UT	--	52
80.	1952 -- Apr 11, Pan Am Air Flight 526 Plane Crash, off San Juan, Puerto Rico	--	52
81.	1952 -- Nov 22, USAF MATS C-124 A Globemaster II crash, Mount Gannett, AK	--	52
82.	1947 -- Jun 13, PA-Central Air Flight 410 Crashes Near Lookout Rock, WV	--	50
83.	1951 -- Jun 30, United Flight 610 Crashes into Crystal Mt, near Ft. Collins, CO	--	50
84.	1951 -- Aug 24, United Flight 615 Crash/Fog, SW of Oakland Int., Airport, CA ³³	--	50
85.	1960 -- Jan 18, Capital Airlines Flight 20 Crashes near Charles City, VA	--	50
86.	1971 -- Jun 06, Hughes Air 706/Marine Corps Phantom II Collide, Duarte, CA	--	50
87.	2009 -- Feb 12, Colgan Air/Continental Flight 3407 Crash, Clarence Center, NY	--	50

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

88.	1958 -- Apr 21, United 736 & USAF F-100 Fighter Plane Collision, ~Las Vegas, NV	--	49
89.	2006 -- Aug 27, Comair Flight 5191 Takeoff Crash, Lexington, KY	--	49
90.	1958 -- Feb 01, USAF C-118A/US Navy P2V-5F Collision, Norwalk, CA	--	48
91.	1958 -- Apr 06, Capital Airlines Flight 67 Crash, near Freeland, MI	--	47
92.	1970 -- Nov 27, Capitol Air Douglas DC-8 Takeoff Crash, Anchorage, AK	--	47
93.	1953 -- Feb 14, National Air 470 Plane Crash/Storm, Gulf of Mex., ~ Mobile, AL	--	46
94.	1956 -- July 13, USAF Takeoff/Windshear Crash, near Brown's Mills, NJ	--	46
95.	1962 -- May 22, Continental No. 11 Blown-Up over Unionville, MO ³⁴	--	45
96.	1972 -- Dec 08, United Flight 533 Crashes, Midway Airport, Chicago, IL	--	45
97.	2001 -- Sep 11, United Airlines N591UA Hijacked, Crashed, Shanksville, PA ³⁵	--	45
98.	1945 -- Nov 03, USAAF C-54 Crash, Himalayan Mountains, near Chukha, Bhutan	--	44
99.	1950 -- Jan 26, USAF SAC C-54 Transport Disappears, Yukon Territory, Canada	--	44
100.	1953 -- July 17, USMC R4Q "Packet" Plane Takeoff Crash/Fire, near Milton, FL	--	44
101.	1955 -- Nov 01, United Flight No. 629 Blown Up over Denver, CO ³⁶	--	44
102.	1957 -- Nov 9, Pan Am Flight 7 Lost in Pacific from SF to Honolulu, HI	--	44
103.	1962 -- Sep 10, USAF SAC Tanker Approach Crash, Mt. Kit Carson ~Spokane, WA--		44
104.	1964 -- May 07, Pacific Air 773 Crashes, San Ramon, CA, Pilot Shot ³⁷	--	44
105.	1947 -- May 29, United Air Lines 521 Crashes/Burns, Take-off, La Guardia, NY	--	43
106.	1948 -- June 17, United Air Lines Flight 624 Crash, Mount Carmel, ~Shamokin, PA--		43
107.	1951 -- Apr 25, Cubana Flight 493/US Navy Plane Collide, off Key West, FL	--	43
108.	1963 -- Feb 12, Northwest Air Flight 705 Crash, Everglades, near Miami, FL	--	43
109.	1965 -- Nov 11, United 227 Approach Crash, Salt Lake City Airport, UT	--	43
110.	1970 -- Oct 2, USAF C-130 Transport Plane Crash into mountain near Taipei, Taiwan--		43

³³ Cross-listed under Fog as contributing condition.

³⁴ Cross-listed under Violence-Mass Murder

³⁵ Cross-listed in Violence -- Terrorism

³⁶ Cross-listed under Violence-Mass Murder

³⁷ Cross-listed in Violence-Mass Murder.

111.	1987 -- Dec 07, Pacific SW No, 1771 Hijacked/Crashed, Cayucos, CA ³⁸	--	43
112.	1954 -- Oct 30/31, US Navy Transport Lost at Sea, Off Ocean City, MD	--	42
113.	1959 -- Nov 16, National Airlines Flight 967 Brought Down, Gulf of Mexico ³⁹	--	42
114.	1953 -- Jan 07, Associated Air Transport Crash, W. of Fish Haven, ID	--	40
115.	1956 -- Feb 17, U.S. Navy Transport DC-4 Crash near Niles, CA	--	40

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

116.	1946 -- Oct 03, Amer. Overseas Air Crash, Harmon Field AFB, Newfoundland	--	39
117.	1950 -- July 23, Florida Air National Guard Curtis C-46 Crash, Myrtle Beach, SC	--	39
118.	1964 -- July 09, United Air Flight 823 Fire/Crash near Parrottsville, TN	--	39
119.	1968 -- Dec 2, Wien Consolidated Air #55 loses wing/turbulence/crashes, Pedro Bay, AK-39		
120.	1967 -- Mar 05, Lake Central Airlines Flight 527 Crash near Marseilles, OH	--	38
121.	1969 -- Jan 18, United Flight 266 System Failure/Crash, Ocean off LA, CA	--	38
122.	1973 -- July 23, Ozark Air Flight 809 Crash, Hit by Downburst, St. Louis, MO	--	38
123.	1948 -- Aug 29, Northwest Orient Air Flight 421 Crashes NW of Winona, WI	--	37
124.	1951 -- July 21, US Military Charter, Canadian Pacific Air, Crashes near Sitka, AK	--	37
125.	1952 -- Nov 28, USAF Douglas C-54 Crash, Near Tacoma, WA	--	37
126.	1959 -- June 26, TWA 891 fuel explosion, thunderstorm static electricity, Italy --70; US	37	
127.	1961 -- Sep 17, Northwest Flight 706, Takeoff Crash, O'Hare, Chicago, IL	--	37
128.	1976 -- Apr 27, American Air Flight 625, Crash, St. Thomas, Virgin Islands	--	37
129.	1971 -- Aug 18, USAF Chinook Helicopter explodes in air, Pegnitz, West Germany	--	37
130.	1994 -- July 02, US Air Douglas DC-9 Crash, Charlotte, NC	--	37
131.	1937 -- May 6, Deutsche Zeppelin Hindenburg Air Crash, Lakehurst, NJ	--	36
132.	1951 -- Nov 13, U.S. C-82 "Flying Boxcar" Crashes into Puy de Sancy Mt., France	--	36
133.	1952 -- Jan 19, Crash, US Mil. Charter, NW Orient 324, Korea-WA, off Sandspit BC	--	36
134.	1974 -- Mar 13, Sierra Pacific Air Convair CV-440 Crash, Bishop, CA	--	36
135.	1943 -- Jan 15, USAAF C-54 (TWA Contract), Crash, Dutch Guiana [Suriname]	--	35
136.	1949 -- July 12, Standard Air 897 Hits Mt. in Fog, Approach to Burbank CA ⁴⁰	--	35
137.	1950 -- Apr 21 USAF C-54 Skymaster Crash into Mt. in rainstorm near Atsugi, Japan	--	35
138.	1953 -- Mar 20, Transocean Air 942 (Military Charter) Crash, NE of Alvarado, CA	--	35
139.	1954 -- Feb 01, USAF C46 Fire and Crash, Tsugaru Strait, off Hokkaido, Japan	--	35
140.	1960 -- Feb 25, USN R6D / DC-3 Collide in Fog off Rio de Janeiro, Brazil	--61 (USN)	35
141.	1968 -- Aug 10, Piedmont Air 230 Plane Crash/Fog, Charleston, WV ⁴¹	--	35
142.	1969 -- Feb 18, Hawthorne NV/Mineral Co. 708 Crash,, Mt. Whitney, CA	--	35
143.	1996 -- Apr 03, USAF Plane Crash (Sec. Com. Ron Brown) ~Dubrovnik, Croatia	--	35
144.	1922 -- Feb 21, Dirigible <i>Roma</i> Crashes, Hampton Roads Naval Base, VA	--	34

³⁸ Cross-listed in Violence-Mass Murder.

³⁹ Cross-listed in Violence-Mass Murder.

⁴⁰ Cross-listed in Fog as contributing condition.

⁴¹ Cross-listed in Fog as contributing condition.

145. 1943 -- Feb 18, Boeing XB-29 Crash into Frye Packing Plant, Fire, Seattle, WA⁴² --32-34
 146. 1959 -- Sep 29, Braniff Air Flight 542 Breaks Up near Buffalo, TX -- 34
 147. 1960 -- Jan 06, National Airlines Flight 2511 Blown-up, Bolivia, NC⁴³ -- 34
 148. 1967 -- Jun 23, Mohawk Air Flight 40 Fire/Crash, Near Blossburg, PA -- 34
 149. 1980 -- Sep 12, Florida Commuter Airlines Crash (not found) off Freeport, Bahamas-- 34
 150. 1991 -- Feb 1, Landing plane (USAir) collides with plane awaiting takeoff, LAX, CA-- 34

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

151. 1952 -- Feb 11, National Air Flight 101 Takeoff Crash, Newark AP, NJ -- 33
 152. 1946 -- Dec 10, US Marine Corps Transport Goes Missing, Southern WA -- 32
 153. 1948 -- Jan 28, Airline Transport Carriers Crash (U.S. INS Charter) ~Coalinga, CA -- 32
 154. 1948 -- Dec 28, Airborne Transport (Charter) Crash, San Juan PR to Miami, FL -- 32
 155. 1968 -- Oct 25, Approach Crash/Fog, Northeast Air 946, Moose Mt., NH⁴⁴ -- 32
 156. 1970 -- Oct 2, Golden Eagle Aviation Crash, WSU FB team, w. of Silver Plume, CO-- 32
 157. 1959 -- May 12, Plane Crash/Storm, Capital Air Flight 75, near Chase, MD -- 31
 158. 1969 -- Apr 14, Navy EC-121M Shot Down by North Korea, Sea of Japan⁴⁵ -- 31
 159. 1980 -- Mar 14, Polish Air approach crash (US boxing team) ~Warsaw AP, Poland--87, US/31
 160. 1985 -- Sep 6, Midwest Express Airlines 105 crash upon departure, Milwaukee, WI -- 31
 161. 1946 -- June 01, USAAF C-54 Cockpit Fire and Crash off Amalfi, Italy -- 30
 162. 1948 -- March 12, Northwest Airlines Flight 4422 (charter) crash, Mt. Sanford, AK -- 30
 163. 1952 -- Jan 22, American Airlines Approach Crash, SE of Newark IAP, NJ -- 30
 164. 1955 -- Aug 04, American Air 476 Fire/Crash, Fort Leonard Wood, MO -- 30
 165. 1965 -- Jan 16, USAF SAC Tanker Crash, Neighborhood, Wichita, KS -- 30
 166. 1965 -- Aug 16, 1965, United Flight 389 Crashes, Lake Michigan, off IL -- 30
 167. 1952 -- Apr 18, Robin Airlines Approach Crash, Whittier, CA -- 29
 168. 1960 -- Sep 22, USMC Douglas R5D-3 Plane Crash 180 miles off Naha, Okinawa -- 29
 169. 1964 -- Nov 15, Bonanza Air Flight 114 Crashes Near Las Vegas, NV -- 29
 170. 1977 -- Dec 13, Univ. of Evansville Basketball Charter Plane Crash, Evansville, IN -- 29
 171. 1997 -- Jan 09, Comair 3272 Crash, Snowstorm/Icing, near Monroe & Detroit, MI -- 29
 172. 1944 -- Aug 03, USAAF Douglas D-47 Crash, Thunderstorm, Napier, NE -- 28
 173. 1946 -- May 10, Mid-Air Collision, 2 USN Bombers, Near Munson, FL -- 28
 174. 1949 -- Nov 29, American Air 157, Landing Crash, Dallas-Love Field, TX -- 28
 175. 1950 -- Jun 05, Plane Crash, Westair Transport, ~190 miles off Miami, FL -- 28
 176. 1951 -- Dec 30, USAF Douglas C-47 Transport Crash, Mt. 35 mi N of Globe, AZ -- 28
 177. 1953 -- Sep 16, American Air Flight 723 Approach Crash, Albany, NY -- 28
 178. 1955 -- Nov 17, Peninsular Air Transport (Mil. Charter) Crash, Seattle-Boeing Field, WA-- 28

⁴² Cross-listed in Fire-Structural.

⁴³ Cross-listed under Violence-Mass Murder.

⁴⁴ Cross-listed in Fog as contributing condition.

⁴⁵ Cross-listed in Violence (Attack).

179.	1962 -- Sep 23, Flying Tiger Military Air Transport Ditches, N. Atlantic	--	28
180.	1968 -- Dec 27, Plane Hits Hangar/Fog, No. Central Air 458, O'Hare, IL ⁴⁶	--	28
181.	1971 -- June 07, Approach Crash/Fog, Allegheny Airlines New Haven, CT ⁴⁷	--	28
182.	1987 -- Nov 15, Continental Airlines Flight 1713 DC-9 takeoff crash, Denver, CO--	--	28

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

183.	1946 -- May 16, Viking Air Transport Crashes, Byrd Field, Richmond VA	--	27
184.	1945 -- Dec 06, 5 Navy Bombers, Rescue Craft Missing. Bermuda Triangle, Carib.	--	27
185.	1962 -- July 22, Plane Crash, Canadian Pacific Airlines, Honolulu, HI	--	27
186.	1982 -- Mar 19, USAF KC-135 Tanker Explosion / Crash near Wonder Lake, IL	--	27
187.	1991 -- Mar 21, Mid-Air Col., US Navy P-3C's, SW off San Diego, CA	--	27
188.	1992 -- March 22, USAir 405, Ice on Wings, Crashes on Takeoff, LaGuardia, NYC--	--	27
189.	1944 -- July 26, US Army AF Douglas C-54 Crashes off Greenland	--	26
190.	1945 -- Nov 01, USAAF C-47 Plane Crash ~Bad Herrenalb and Karlsruhe, Germany--	--	26
191.	1946 -- Mar 19, Structural failure/crash, USAAF C-47, near Hobart Mills, CA	--	26
192.	1951 -- Dec 29, Continental Charters 44-2 Crash, near Salamanca, NY	--	26
193.	1954 -- Aug 27, USAF B-36 Crash, Rapid City, SD	--	26
194.	1954 -- Dec 18, Linee Aeree Italiane 451 Crash, NY Idlewild IAP, NY	--	26
195.	1958 -- Mar 07, USMC Transport & Skyraider Collide off Naha NAF, Okinawa	--	26
196.	1959 -- Oct 30, Piedmont 349 Crash, Bucks Elbow Mt., VA	--	26
197.	1962 -- May 22, USN WV2 Transport Breaks-up/Crashes, Markt Schwaben, Germany--	--	26
198.	1967 -- Mar 09, TWA # 553/Beechcraft Mid-Air Collision, Urbana, OH	--	26
199.	1994 -- Apr 14, 2 USAF F-15s Shootdown 2 USA Black Hawks, No. Iraq --15US of 26	--	26
200.	1940 -- Aug 31, Pennsylvania Central NC21789 Crash, Lovettsville, VA	--	25
201.	1942 -- Sep 22, Eight USAAF Planes Crash or Collide, CT, FL (3), GA, ME (2), PA--	--	25
202.	1943 -- Sep 20, Transport Crash, Laurinburg-Maxton Army Air Base, NC	--	25
203.	1943 -- Dec 29, Mid-Air Collision 2 USAAF B-24's, Near Lakeside, UT	--	25
204.	1944 -- Aug 28, Plane Crash, USAAF Douglas C54A, Prestwick, Scotland --20 US of 25	--	25
205.	1945 -- Apr 20, USAAF C-47 Breakup/Crash, Thunderstorm, near Sweetwater, TX --	--	25
206.	1944 -- Nov 19, Plane Crash, USAAF C-47A, ~Brighton and Lewes, England --24 US/25	--	25
207.	1945 -- Nov 30, USN PV4Y-2 Plane Missing, NAS Kodiak, AK to NAS Seattle, WA--	--	25
208.	1946 -- Mar 03, American Air 6-103 Crash, Zero Visibility, Thing Mountain, CA	--	25
209.	1946 -- Jul 09, USAAF B-17 Crash, Mount Tom, near Westover AFB, Chicopee, MA--	--	25
210.	1953 -- Sep 28, Resort Air Flight 1081 Approach Crash, Louisville, KY	--	25
211.	1958 -- Aug 15, Approach Crash/Fog, Northeast Air 258, Nantucket, MA ⁴⁸	--24-25	
212.	1959 -- Dec 1, Allegheny Air Approach Crash, ~Williamsport-Montoursville, PA	--	25
213.	1962 -- Nov 30, Approach Crash/Fog, Eastern Air 512, Jamaica, NY ⁴⁹	--	25
214.	1986 -- Jun 18, Grand Canyon Air & Helitech Helicopter Collide, Grand Canyon AZ--	--	25
215.	1991 -- Mar 03, United Air Boeing 737 Crash, Colorado Springs, CO	--	25

⁴⁶ Cross-listed under Fog as contributing condition.

⁴⁷ Cross-listed under Fog as contributing condition.

⁴⁸ Cross-listed under Fog as contributing condition.

⁴⁹ Cross-listed under Fog as contributing condition.

- 216. 1944 -- Feb 10, American Air Flight 2 Crash, Mississippi River, Memphis, TN -- 24
- 217. 1944 -- Oct 18, Plane Crash, USAAF B24H, near Birkenhead, Merseyside, England-- 24
- 218. 1944 -- Nov 04, TWA Flight 8 Crashes in Thunderstorm near Hanford, CA -- 24
- 219. 1945 -- Jan 10, Plane Crash/Fog, American 6001, near Burbank-Hollywood, CA⁵⁰ -- 24
- 220. 1945 -- Feb 13, USN Air Transport Service crash after takeoff, San Fran. Bay, CA-- 24
- 221. 1950 -- Nov 23, New Tribe Mission DC-3 Crash, Mt. Moran, WY -- 24
- 222. 1970 -- July 5, Air Canada Flight 621 Plane Crash near Toronto, Canada --24 (US) of 109
- 223. 1971 -- June 13, USAF C-135B monitoring French Nuclear Test, Lost, Pacific -- 24
- 224. 1979 -- Nov 28, Air New Zealand sightseeing crash, Mount Erebus, Antarctica-24US of 257
- 225. 1994 -- Mar 23, USAF C-130/F-16 Collide, F-16 hits troops on ramp, Pope AFB, NC-- 24
- 226. 1995 -- Sep 22, USAF AWACS Sentry Bird Strike Crash, Elmendorf AFB, AK -- 24

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

- 227. 1945 -- Jan 08, Pan Am China Clipper Flight 161 Crash, Port of Spain, Trinidad -- 23
- 228. 1945 -- Feb 02, Florence to Rome USAAF C-47 Crash, 3 mls W of Montieri, Italy -- 23
- 229. 1945 -- Sep 15, USAAF C-47 Crashes, Kansas City-Fairfax Field, KS -- 23
- 230. 1946 -- June 09, U.S. Army Air Force DC-4 Crash, Tobago Island, Panama -- 23
- 231. 1946 -- Nov 16, U.S. Army Air Force DC-47 Crashes into Pacific off Iwo Jima -- 23
- 232. 1947 -- Dec 10, U.S. Air Force DC-4, Crash and Fire, near Goose Bay, Labrador -- 23
- 233. 1951 -- May 6, USAF Strategic Bomber Crash, Near Albuquerque, NM -- 23
- 234. 1953 -- Mar 18, 10-eng. USAF Convair RB-36H crashes, Random Isl., NFL, Can. -- 23
- 235. 1961 -- Jan 26, USN C-118 Liftmaster Explos./Crash off Argentia, Newfoundland -- 23
- 236. 1968 -- May 22, Sikorsky Helicopter Break-up, LA Air, Paramount, CA -- 23
- 237. 1970 -- May 2, Plane Crash, Overseas National Air, near St. Croix, Virgin Islands -- 23
- 238. 1976 -- Aug 28, USAF C41 Starlifter Crash, Soendre Stromfjord AFB, Greenland⁵¹ --13/23
- 239. 1981 -- Feb 26, USAF MC-130 Plane Crash, off NAS Cubi Pt., Philippines --(17 US) 23
- 240. 1983 -- June 2, Air Canada Fl. 797 in-flight hidden fire, emer. landing, Covington, KY-- 23
- 241. 1991 -- Apr 5, Atlantic Southeast Air Flight 2311 AP approach crash, Brunswick, GA-- 23

- 242. 1942 -- Jan 16, TWA Flight 3 Hits Potosi Peak, Carole Lombard killed, NV -- 22
- 243. 1942 -- Oct 01, USAAF C-39 Transport Plane Crashes near Caomo, Puerto Rico -- 22
- 244. 1943 -- Sep 10, Mid-Air Collision, 2 USAAF B-17's, off Galveston, TX -- 22
- 245. 1943 -- Dec 7, Navy planes collide, bomb falls, Marines on ground die, Maui, HI⁵² --20-22
- 246. 1944 -- Jul 27, Plane Crash, USAAF C47A, Isle of Mull, ~Port Logan, Scotland --21US/22
- 247. 1945 -- Sep 07, Eastern Air Lines Flight 42 Crashes near Florence, SC -- 22
- 248. 1945 -- Nov 08, US Navy Mid-Air Collision, Corpus Christi Bay, TX -- 22
- 249. 1946 -- Dec 10, USAAF C-46 Takeoff Crash, near Itami U.S. Air Base, Osaka, Japan -- 22
- 250. 1951 -- Apr 06, Southwest Airways Flight 7 Crashes, Refugio Pass, CA -- 22
- 251. 1955 -- July 17, Braniff Air # 560 Approach Crash, Chicago-Midway, IL -- 22

⁵⁰ Cross-listed under Fog as contributing condition.

⁵¹ There were 13 immediate U.S. fatalities and 8 Greenland (Dutch) passenger fatalities. Two other people died about two weeks later – I think they also were Greenland passengers. Greenland is an autonomous country within the Kingdom of Denmark. (*Wikipedia*. “Greenland.”)

⁵² Cross-listed under Explosions.

252. 1956 -- Apr 01, Trans World Airlines Crash, Greater Pittsburgh, PA -- 22
 253. 1958 -- Feb 20, USN WV2 Super Constellation Plane Lost, Newfoundland to Azores-- 22
 254. 1960 -- Oct 29, Arctic-Pacific Takeoff Crash, Toledo Express Airport, OH -- 22
 255. 1961 -- May 24, USAF 51-0174 Globemaster Crash, McChord AFB, WA -- 22
 256. 1967 -- Jun 23, USMC Helicopters Collide, New River Marine Corps Air Fac., NC -- 22
 257. 1972 -- Sep 24, Plane Crash/Fire, Farrell's Ice Cream Parlor, Sacramento, CA⁵³ -- 22

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

258. 1942 -- July 01, US Army AF Douglas C-49E Crash, Near Premier, WV -- 21
 259. 1945 -- May 13, USAAF “Shangra-La” Sightseeing Plane Crash, Mt., New Guinea -- 21
 260. 1946 -- Jan 31, United Air Lines Flight 14 Crashes, Elk Mountain, WY -- 21
 261. 1946 -- Sep 05, Plane crash/fire, Trans-Luxury Airlines charter, fog, near Elko, NV⁵⁴-- 21
 262. 1950 -- Nov 07, Northwest Orient Flight 115 Crash, East of Butte, MT -- 21
 263. 1951 -- Apr 08, WV National Guard Plane Crash, Charleston, WV -- 21
 264. 1953 -- Sep 01, Regina Cargo Airlines Crash near Vail, WA -- 21
 265. 1957 -- Feb 01, Northeast Flight 823 Takeoff Crash, Rikers Island, NY --20-21
 266. 1968 -- Aug 14, Helicopter Crash, Los Angeles Air Sikorsky, Compton, CA -- 21
 267. 1981 -- May 06, USAF EC-135N Crash, Walkersville, near Frederick, MD -- 21
 268. 1985 -- Jan 22, USAF Plane Crash in Sea on approach to Trujillo Airport, Honduras -- 21
 269. 2001 -- March 3, USAF C-23 Plane Crash (VA NG (18) FL ANG (3)), Unadilla, GA-- 21
 270. 2003 -- Jan 8, Air Midwest Flight 5481 takeoff crash (no survivors), Charlotte, NC -- 21
271. 1941 -- Oct 30, American Air #1 Crashes, NYC to Chicago, St. Thomas, Ont. Can. -- 20
 272. 1942 -- Apr 03, 7 USAAF Planes Crash: Strevell, ID; Barksdale Field, LA; Elizabeth City, NC; West Greenwich, RI; Lexington Airfield, Shaw Field, SC; Espiritu Santo Bay, TX-- 20
 273. 1943 -- July 28, American Air Flight 63 Crashes near Trammel, KY -- 20
 274. 1943 -- Sep 22, Plane Crash, USAAF C-53, near Calcutta, India -- 20
 275. 1943 -- Oct 22, US Army Air Force C-47 Crash, Lawson Field, Ft. Benning, GA -- 20
 276. 1945 -- Apr 14, Penn.-Central Airlines # 142 Crash near Morgantown, WV -- 20
 277. 1946 -- July 20, Two USAAF B-17G Search Planes Collide off Coiba, Panama -- 20
 278. 1947 -- Aug 06, US Navy PBY-5A disappears, Kodiak to Dutch Harbor, AK -- 20
 279. 1947 -- Nov 28, USAF C-47 Transport Plane Crash, Mt. Carbone, Alps, ~Cuneo, Italy-- 20
 280. 1947 -- Dec 11, USAF C-47 Crash, Near Memphis, TN -- 20
 281. 1949 -- Jan 17, USAF B-29 Crash, Argyllshire Mts. in fog, near Glasgow, Scotland -- 20
 282. 1951 -- Sep 15, Stunt Plane Crash, Airshow, Flagler, CO -- 20
 283. 1952 -- Nov 15, USAF “Flying Boxcar” Crashes, near Anchorage, AK -- 20
 284. 1968 -- Dec 24, Plane Crash/Snowstorm, Allegheny Air 736, Bradford, PA -- 20
 285. 1977 -- Sep 14, USAF EC-135K Crash, Mt., Manzano range, ~Albuquerque, NM -- 20
 286. 1989 -- Oct 28, Aloha IslandAir Flight 1712 crash into high terrain, Molokai, HI -- 20
 287. 2005 -- Dec 19, Chalk's Ocean Airways Flight 101 Crash, off Miami, FL -- 20
288. 1937 -- Oct 17, United Airlines Transport Crash, Humpy Ridge, UT -- 19
 289. 1943 -- Jan 21, Pan Am 1104 (USN Transport) Crashes, Mt. ~Boonville & Ukiah, CA-- 19

⁵³ Cross-listed under Fire.

⁵⁴ Cross-listed in Fog, as a contributing condition.

290.	1943 -- Jun 15, Planes Collide, US Army AF B-24E's, near Ruidoso, NM	--	19
291.	1944 -- Feb 12, USAAF B-25's Collide, ~ Army Air Base Greenville, SC	--	19
292.	1944 -- Apr 28, Navy R4D Transport Plane Crashes, Anderson Mesa, northern AZ	--	19
293.	1944 -- July 11, Mil. Plane Crash/Fire/Fog, Trailer Camp, South Portland, ME ⁵⁵	--	19
294.	1944 -- Sep 18, USAAF Douglas C-47 Crash, Denali State Park, ~Talkeetna, AK	--	19
295.	1945 -- Dec 08, Crash, Northwest Air, Military Charter, Billings, MT	--	19
296.	1948 -- Nov 03, USAF B-29 Bomber Crash after takeoff near Lajes Field, Azores	--18-	19
297.	1950 -- Aug 05, USAF Boeing B-29 Crash, Travis Air Force Base, CA	--	19
298.	1952 -- Nov 07, USAF "Flying Boxcar" Crashes, Mt. McKinley, AK	--	19
299.	1953 -- May 17, Delta Air Flight 318 Crash (Thunderstorm), Marshall, TX	--	19
300.	1953 -- Oct 29, BCPA Douglas DC-6 Crash, San Francisco, CA	--	19
301.	1953 -- Dec 17, USAF B-29 Crashes, Officer's Housing, Anderson AFB, Guam	--	19
302.	1957 -- Dec 23, USN WV-2 Simulation goes awry/Crash, off Kakuku Pt., Oahu, HI	--	19
303.	1958 -- Sep 02, USAF Globemaster Fire/Crash, 35m west, Agana Naval AS, Guam	--	19
304.	1958 -- Oct 09, USAF C-123B Transport Crash ~Little Willow Creek & Payette, ID	--	19
305.	1966 -- Nov 11, USAF Constellation Crash, Atlantic, E. of Cape Cod, MA	--	19
306.	1967 -- Mar 30, Delta Air 9877 training crash into motel complex, Kenner, LA	--	19
307.	1968 -- Jan 10, USMC R5D-2 (C54) Plane Crash, Mt. Tobin, Copper Canyon, NV	--	19
308.	1969 -- Mar 5, Crash, PR Int. Airlines, Sierra de Luquillo Mts., San Juan, PR	--	19
309.	1969 -- Jun 05, USAF Recon Plane Crash off Shemya, AK	--	19
310.	1989 -- Jan 31, USAF SAC Tanker Crash, Dyess Air Force Base, TX	--	19
311.	1989 -- Mar 20, USMC Sea Stallion Helo Engine Mal./Crash, Mt., ~Pohang, S. Korea	--	19
312.	2000 -- Apr 8, USMC Tilt-rotor Osprey V-22 Crash, Marana Airport ~Tucson, AZ	--	19
313.	2000 -- May 21, Charter Plane Crash (Low Fuel), Executive Air, ~Wilkes Barre, PA	--	19

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

314.	1943 -- May 15, Fog/Crash, USAAF C-47, Ginger Cake Mountain, NC ⁵⁶	--	18
315.	1943 -- Dec 13, USN PBM-3S, VP-213, BuNo 48126 Lost on Patrol off NC Coast	--	18
316.	1944 -- June 06, USN PB4Y-1 Takeoff Crash into building, Camp Kearney, CA	--17-	18
317.	1944 -- Aug 21, USAAF B-24J's Collide, near Model, CO	--	18
318.	1944 -- Nov 06, USN Planes Collide, St. Johns River near NAS Jacksonville, FL	--	18
319.	1944 -- Nov 30, USAAF B-24's Collide near Davis-Monthan AAF, Tucson, AZ	--	18
320.	1945 -- May 06, Two USAAF B-17s Collide, ~ Esler Field, Alexandria, LA	--	18
321.	1945 -- Aug 13, Two USAAF B-29s Collide, near Weatherford, TX	--	18
322.	1945 -- Nov 03, Consolidated Air, Army Transport Com., sea crash, 450 mi NE of HI	--	18
323.	1947 -- Jan 12, Eastern Air Lines Flight 665 Crashes, Galax, VA	--	18
324.	1947 -- Oct 26, Pan American Air Crash, Tamgas Mt., Annette Island, AK	--	18
325.	1948 -- Jan 07, Coastal Air Lines Plane Stalls/Crashes, near Savannah, GA	--	18
326.	1949 -- Nov 16, Two USAF B29s Collide over Stockton, CA	--	18
327.	1954 -- Mar 19, Plane Fire & Crash, USAF C-119, #51-7993, near Lothian, MD	--	18
328.	1958 -- Mar 27, Mid-Air Collision, two USAF Planes, Bridgeport, TX	--	18
329.	1959 -- June 30, U.S. Air Force F-100 Jet Crashes into School, Ishikawa, Okinawa ⁵⁷	--	18

⁵⁵ Cross-listed in Fog, as a contributing condition.

⁵⁶ Cross-listed under Fog as contributing condition.

⁵⁷ All deaths were of Okinawans in this at-the-time U.S. controlled territory. Pilot had bailed out of jet.

330. 1960 -- July 06, US Navy Dirigible Airship (Blimp) Crash off Barnegat City, NJ -- 18
 331. 1960 -- July 11, US Air Mission Colombia USAF Crash, Mt Pichincha, Ecuador--18/US 12
 332. 1961 -- July 11, United Flight 859 Crash/Fire, Stapleton, Denver, CO -- 18
 333. 1965 -- Jun 15, US Army Helicopters Mid-Air Collision, Columbus, GA -- 18
 334. 1966 -- Oct 01, West Coast Air 956 Crash, Salmon Mt., near Wemme, OR -- 18
 335. 1976 -- Aug 28, USAF Crash, severe thunderstorm rips wing, ~Peterborough, UK -- 18
 336. 1980 -- Mar 14, USAF C130 Wing Explosion and Crash near Yenice, Cilicia, Turkey -- 18
 337. 1984 -- Feb 29, USAF C-130 Hercules Plane Crash, near Borja, Spain --(17 US) of 18
 338. 1984 -- Mar 24, USMC Helicopter Crash into Mt., 24M N. of Pohang So. Korea --18 of 29
 339. 1987 -- Nov 23, Ryan Air Flight 103, Beechcraft 1900C, approach crash, Homer, AK-- 18
 340. 1993 -- Dec 1, Terrain Express II Airlines/Northwest AirlinK Crash, Hibbing, MN -- 18
 341. 2001 -- March 29, Avjet Corp. Gulfstream III charter crash on approach, Aspen, CO -- 18

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

342. 1936 -- Jan 14, American Airlines Douglas DC-2 Crash, Goodwin, AR -- 17
 343. 1942 -- May 01, United Air NC18146 Crash, Salt Lake City, UT -- 17
 344. 1942 -- May 3, 3 USAAF Crashes Or/WA, Meacham, Pleasant Val., OR; McChord Field, WA--17
 345. 1942 -- Dec 15, Western Airlines NC16060 Crash. Fairfield, UT -- 17
 346. 1943 -- Oct 25, Two USAAF B-24H Planes Collide, near Milligan, NE -- 17
 347. 1943 -- Nov 18, USN Transport Plane Crash, 30mi. E of Rio De Janeiro, Brazil --17 of 18
 348. 1943 -- Dec 19, Two USAAF B-24s Crash -- near Sausalito, CA and near Burley, ID-- 17
 349. 1944 -- Feb 18, USAAF B-24's Collide, near Williams Field, AZ -- 17
 350. 1944 -- Aug 01, USAAF B-24's Collide near Furnace Creek, Death Valley, CA -- 17
 351. 1944 -- Aug 05, USAAF B17G's Collide, near Dixon, NE -- 17
 352. 1944 -- Aug 08, Pan Am #218 *Hong Kong Clipper* Crashes off Antilla, Cuba -- 17
 353. 1944 -- Nov 11, US Air Transport Command C-54 crashes, Pacific, 50 mi. off Oahu-- 17
 354. 1944 -- Dec 25, USAAF C-47 Plane Crash, Black Mesa Mountain, Quartzsite, AZ -- 17
 355. 1945 -- Feb 23, American Air Flight 9, Crashes near Rural Retreat, VA -- 17
 356. 1945 -- June 14, Lightning-hit Plane Crash, USAAF C-46D, near Oakridge, MS⁵⁸ -- 17
 357. 1945 -- July 18, USN PB4Y-2 Privateer Plane Missing, out of NAS Miami, FL --15-17
 358. 1946 -- Jan 18, Plane Fire and Crash, Eastern Air Lines Flight 105, Cheshire, CT -- 17
 359. 1948 -- Nov 04, Pacific Alaska Air Express Lost Near Cape Spencer, AK -- 17
 360. 1955 -- Dec 21, Eastern Air Flight 642 Approach Crash, Jacksonville, FL -- 17
 361. 1956 -- Mar 02, USAF C124C Globemaster II Crash, Atlantic, Iceland to US -- 17
 362. 1958 -- Sep 02, USAF C130A Hercules shot-down over Sasnashen, Armenia, USSR⁵⁹-- 17
 363. 1962 -- Nov 23, Plane/Bird Collision United 297, Near Ellicott City, MD -- 17
 364. 1964 -- Jun 29, USAF Stratofreighter / C-54 Collide near Kindley US AFB, Bermuda-- 17
 365. 1971 -- June 27, Takeoff Crash, Sea Park Airlines, Shelter Cove, CA -- 17
 366. 1972 -- Mar 03, Mohawk Airlines N7818M Crash, Albany, NY -- 17
 367. 1977 -- Dec 08, Petroleum Inc. Helicopter hits crane cable, Intracoastal City, LA -- 17
 368. 1978 -- Feb 10, Columbia Pacific Airlines N199EA Crash, Richland, WA -- 17
 369. 1979 -- May 30, Downeast Airlines #46 approach crash, Owls Head ~Rockland, ME-- 17
 370. 1984 -- Aug 24, Wings West Air (15) & Rockwell Comd. (2) collide, San Luis Obispo, CA-- 17

⁵⁸ Cross-listed under Lightning.

⁵⁹ Cross-listed under Attack.

371. 1985 -- May 6, USMC CH-53D Helicopter Crash into Sea of Japan off Yakushima -- 17
 372. 1985 -- Sep 29, Skydiving Crash, Westwind Sports & Parachute Ctr., Jenkinsburg GA-- 17
 373. 1988 -- March 8, US Army Blackhawks collide mid-air, Fort Campbell, KY/TN⁶⁰ -- 17
 374. 1992 -- Feb 6, KY ANG C-130 Hercules Crash, Hotel/Rest. complex, Evansville, IN-- 17

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

375. 1930 -- Jan 19, Transcontinental Air Transport # 7 Crash, Oceanside, CA -- 16
 376. 1942 -- Aug 15, US Army AF C-53 Crash, near Garnet Peak, Peru, MA -- 16
 377. 1943 -- Jun 26, Six USAAF Plane Crashes/Collisions, CA (2), FL (2), ME, SC -- 16
 378. 1943 -- Dec 14, USAAF B-24J Plane Crash, near Omaha, NE -- 16
 379. 1945 -- Jan 09, USAAF B-29 Plane Lost, Atlantic, off Southeast Coast -- 16
 380. 1945 -- Jan 24, USAAF B-17Fs Collide, near Dyersburg, TN -- 16
 381. 1947 -- Apr 19, USAF B-29 Fire/Explos./Crash, off Kwajalein Isl., Marshall Islands-- 16
 382. 1948 -- Aug 24, U.S. B29 Superfortress Plane takeoff Crash near Hickam AFB, HI -- 16
 383. 1949 -- July 30, Eastern Air Hit by Navy Hellcat Aircraft, Chesterfield, NJ -- 16
 384. 1950 -- May 18, USAF B-29 Crash, Lajes Field, Azores --15-16
 385. 1950 -- July 13, In-Flight Fire/Crash USAF B-50, near Mason, OH -- 16
 386. 1950 -- Sep 04, Robinson Air Flight 32 Crash, Utica-Oneida County, NY -- 16
 387. 1951 -- Mar 02, Mid-Continent Airlines Approach Crash, Sioux City, IA -- 16
 388. 1953 -- July 29, Yokota Air Base, Japan, USAF RB50, shot down, Sea of Japan⁶¹ -- 16
 389. 1955 -- Feb 19, TWA 260 Crash, Sandia Mt., near Albuquerque, NM -- 16
 390. 1956 -- Aug 22, Navy P4M-1Q Shot Down near Wenchow, China -- 16
 391. 1956 -- Sep 10, Yokota AB USAF RB50G Lost tracking Typhoon Emma Sea of Japan-- 16
 392. 1957 -- Oct 29, USAF Stratofreighter Crash, Grey Mt. ~ Flagstaff, AZ -- 16
 393. 1958 -- Feb 15, USAF C-47 Transport Plane Crashes in fog on Mt. Vesuvius, Italy -- 16
 394. 1959 -- Sep 24, Reeve Aleutian Airways fl. #3 approach crash, Great Sitkin Island, AK--16
 395. 1960 -- Jan 16, USN P4M-1Q Mercator Crash, Karanfil Mountain, ~Adana, Turkey -- 16
 396. 1965 -- July 11, Fire, Plane Crash, USAF Constellation, 100M off Nantucket, MA -- 16
 397. 1969 -- Mar 20, Approach Crash/Fog/Fire, Avion Charter, New Orleans, LA⁶² -- 16
 398. 1971 -- Oct 21, Approach Crash/Fog, Chicago & Southern 804, Peoria, IL⁶³ -- 16
 399. 1973 -- Apr 12, Planes Collide, NASA Convair/NAVY P-3C Orion, Sunnyvale, CA-- 16
 400. 1975 -- Mar 20, USAF Transport Crash, Olympic National Park, Quilcene, WA -- 16
 401. 1975 -- Sep 26, USAF Sikorsky CH-53 Helicopter Crash, east of Paderborn, Germany --16
 402. 1977 -- Jun 21, USN TACAMO EC130Q Hercules Takeoff Crash, off Wake Island -- 16
 403. 1978 -- Oct 06, USN C-118 Transport Crashes into hill in Fog near Santiago, Chile -- 16
 404. 1992 -- April 22, Plane Crash, Perris Valley Aviation (skydiving), Perris, CA -- 16
 405. 2016 -- July 30, hot air balloon hits power lines/burns/crashes, near Lockhart TX -- 16
 406. 2017 -- July 10, USMC KC-130 (NY Reserve) crash, with Sp. Ops team, Leflore Co., MS--16

 407. 1938 -- Jul 29, Pan Am Air's "Hawaii Clipper" out of Alameda CA, lost, Pacific -- 15
 408. 1942 -- Jan 14, Five USAAF Planes Crash, AL, ID, NH, TX, VA -- 15

⁶⁰ The collision occurred over western KY-TN border, with one Blackhawk falling on KY side, the other in TN.

⁶¹ Cross-listed in Violence (Attack).

⁶² Cross-listed in Fog as contributing condition.

⁶³ Cross-listed in Fog as contributing condition.

409. 1942 -- Mar 05, 2 USAAF Plane Crashes, St. Lucie Riv., Port Sewall, FL; off NC/VA-- 15
410. 1942 -- Apr 29, Four USAAF Planes Crash -- Kodiak, AK; Smyer, TX; Orlando, FL-- 15
411. 1943 -- May 08, Crash, USAAF C-47, near Tinker Field, Oklahoma City, OK -- 15
412. 1943 -- May 13, Collision, USAAF B-24's, near Biggs Field, El Paso, TX -- 15
413. 1943 -- Aug 10, Two Walla Walla USAAF bombers crash, ~Cecil, OR, Paterson, WA-- 15
414. 1943 -- Oct 15, American Airlines Flight #63 Crashes near Centerville, TN --11-15
415. 1944 -- July 21, 3 USAAF C-47s Lost, Atlantic, 25M off Cape Fear, NC -- 15
416. 1944 -- Oct 08, USAAF B-29 Plane Crash, near Love Field, Dallas, TX -- 15
417. 1944 -- Nov 3, USAAF Planes Collide, near Kingman Army Air Field, AZ -- 15
418. 1944 -- Nov 10, USAAF B-29 Plane Crash, near Clovis Army Air Field, NM -- 15
419. 1945 -- Aug 25, USAAF B-24J Plane Crash, 17 miles NNW of Elgin, OR -- 15
420. 1945 -- Oct 30, USAAF C-47 Plane Crash into mountain near Cuneo, Italy -- 15
421. 1950 -- Mar 07, Northwest Orient Flight 307 Crash, Minneapolis, MN -- 15
422. 1952 -- Feb 07, USAF takeoff Crash, 5 miles N of Yokota US AB, Japan --13 (US) of 15
423. 1952 -- Mar 12, Two USAF B-29's Collide, near Sequin and San Antonio, TX -- 15
424. 1952 -- Apr 04, Planes Collide, USAF Globemaster & C-47, Mobile, AL -- 15
425. 1952 -- Apr 15, Plane Crash/Fire, USAF B-36D, near Fairchild AFB, WA -- 15
426. 1953 -- Feb 02, USAF Plane takeoff Crash, Wheelus Air Base, Tripoli, Libya -- 15
427. 1953 -- Nov 17, USAF C-119F Hits Paratroopers, Crashes, Fort Bragg NC -- 15
428. 1955 -- Jan 12, Planes Collide, TWA 694/Castleton, Inc., Covington, KY -- 15
429. 1955 -- May 25, Plane Crash, USAF SAC B-36J, Sterling City, TX -- 15
430. 1956 -- Aug 29, Canadian Pacific Airlines fl. 307 approach crash, Cold Bay AP, AK-- 15
431. 1958 -- June 27, USAF SAC Tanker Crash, Near Chicopee Falls, MA -- 15
432. 1958 -- Dec 22, USAF C-54 transport from Elmendorf AFB crashes, Mt. Iliamna, AK-- 15
433. 1959 -- Nov 7, USAF C-47 crashes after take-off, Tainan, Formosa (Taiwan) -- 15
434. 1962 -- Mar 08, USAF C-130A Hercules Plane Crash near Alencon, western France-- 15
435. 1967 -- Apr 25, USAF Super Constellation Fire, off Nantucket Island, MA -- 15
436. 1969 -- Jan 13, SAS Flight 933 Approach Crash, Santa Monica Bay, CA -- 15
437. 1976 -- Sep 26, USAF KC-135 (61-0296) Crash, Alpena, MI -- 15
438. 1981 -- Apr 17, Planes Collide, Air US 716 & Sky West Parachute, Loveland, CO -- 15
439. 1987 -- Dec 21, Petroleum Helicopters, Inc. oil rig landing crash, Gulf of Mx. off LA-- 15
440. 1989 -- Mar 12, USAF CH-3C 'Copter Crash 20 mls NW of Tucson, ~Marana, AZ -- 15
441. 1994 -- Dec 13, American Eagle Flight 3379 (Flagship Air) Approach Crash, ~Raleigh, NC-- 15

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

442. 1925 -- Sep 3, Navy Dirigible *Shenandoah* Crash, Noble County, Ohio -- 14
443. 1929 -- Mar 17, Colonial Western Airways Tri-Motor Crash, sightseeing, Newark NJ-- 14
444. 1933 -- Mar 25, Varney Speed (Air) Lines Crash, San Leandro, CA -- 14
445. 1936 -- Dec 19, Eastern Air NC13732 Crash, Milford, PA -- 14
446. 1941 -- Oct 30, Northwest Airlines DC-3 Crash, Moorhead, MN⁶⁴ -- 14
447. 1942 -- Apr 12, Two U.S. Navy Bombers Crash near Livermore, CA -- 14
448. 1942 -- May 12, 6 Planes Crash/Collide, IL (2), OK (4 planes, 7 dead), WA (5 dead)-- 14
449. 1942 -- Jun 04, US Army AF LB-30 Crash, near Hamilton Field, CA -- 14
450. 1942 -- Aug 19, USN Plane hits tugboat, Coco Solo Navy Base, Panama Ca. Zone --12-14

⁶⁴ Was attempting Fargo, ND landing – went down just north of the Moorhead, MN city limits.

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

451.	1942 -- Sep 11, P-40 Warhawk Plane Crash, Curtiss-Wright Plant, near Buffalo, NY--	14
452.	1943 -- Feb 05, Mid-air Collision, 2 USAAF B-25 Bombers, Newberry, SC	-- 14
453.	1943 -- Aug 28, 3 USAAF Planes Collide, , near Army Air Base, Harvard, NE	-- 14
454.	1943 -- Oct 22, Crash, USAAF B-17, Arkansas River, near Ponca City, OK	-- 14
455.	1943 -- Oct 29, Crash, USAAF B-24, Atlantic off West Palm Beach, FL	-- 14
456.	1943 -- Oct 29, USAAF C-47 Crashes at Hoffman-Mackall AAF, NC	-- 14
457.	1943 -- Dec 22, Crash, USAAF B-24, ~Morrison Field, West Palm Beach FL	-- 14
458.	1944 -- Feb 16, USN Air Transport Unit Flight Missing, NAS Seattle to Kodiak, AK--	14
459.	1944 -- Jun 08, USAAF Bombers Collide, Homes Burn, Kill Civilians, Honolulu, HI --	14
460.	1945 -- Mar 10, USN Plane Lost, Trng. Flight, NAS Jacksonville FL to Bahamas	-- 14
461.	1945 -- Apr 11, USAAF TB-17F Plane Collision, near Jackson AAB, MS	-- 14
462.	1945 -- July 28, B-25 Bomber Flies into Empire State Building in Fog, ⁶⁵ NY	-- 14
463.	1945 -- Sep 12 USN PB4Y-2 Privateer Engine Fire, Crash, ~Master Field, Miami, FL--	14
464.	1945 -- Oct 31, US Navy Transport Plane Crash, heavy fog, Rich Mt., ~Mena, AR	-- 14
465.	1947 -- July 13, Burke Air Transport Crash, Melbourne, FL	-- 14
466.	1948 -- Aug 20, Plane Crash, USAF B-29, Rapid City Air Force Base, SD	-- 14
467.	1949 -- Jan 02, Seattle Air Charter Crash, Seattle-Boeing Field, WA	-- 14
468.	1951 -- Apr 27, Planes Collide, USAF B-36 & F-51, NE of Perkins, OK	-- 14
469.	1954 -- June 26, Plane Crash, USAF KC97 Stratotanker, Box Springs Mountain, CA--	14
470.	1955 -- Nov 17, USAF Plane Crash, Mount Charleston, NV	-- 14
471.	1955 -- Nov 29, USAF F-84 Crash into Base Housing, Eielson AFB, AK	-- 14
472.	1960 -- June 14, Plane Crash, Pacific Northern Airlines 201, Mt. Gilbert (9000 ft), AK--	14
473.	1963 -- Jan 30, US Navy P-3A Crash, Atlantic, off Atlantic City, NJ	-- 14
474.	1967 -- Dec 14, USAF Lockheed P-2 Neptune Crash, Juneau, AK	-- 14
475.	1969 -- July 06, Air South 168 System Failure/Crash, near Monroe, GA	-- 14
476.	1969 -- Nov 19, Crash, Mohawk Airlines Flight 411, near Glens Falls, NY	-- 14
477.	1969 -- Dec 22, U.S. Navy F-8 Jet Crash, Miramar Naval Air Station, CA	-- 14
478.	1972 -- June 3, Brunswick ME-based USN Orion 152182 Crashes into Moroccan Mt.--	14
479.	1973 -- March 8, USAF Douglas C-47 Crash, Silk Hope, NC	-- 14
480.	1975 -- Jan 09, Planes Collide, Golden West Air #261/Cessna, Whittier, CA	-- 14
481.	1981 -- May 26, USN EA-68 Prowler Crash, USS <i>Nimitz</i> , off Jacksonville, FL ⁶⁶	-- 14
482.	1982 -- Oct 17, Private Beechcraft C-45 Parachuting Jump Plane Crash near Taft, CA--	14
483.	1983 -- Apr 30, USN C-131 Eng. Fire/Crash, St. John's Riv., ~Jacksonville NAS, FL--	14
484.	1983 -- June 16, US Navy P-3B Orion (152720) Crash in Mountain, Kauai, HI	-- 14
485.	1985 -- Sep 23, Henson Airlines 1517 approach crash, Hall Mt. (~Staunton), VA	-- 14
486.	1988 -- Aug 31, Delta Air flight 1141 takeoff crash/fire, Dallas/Fort Worth AP, TX--	14
487.	1989 -- May 29, USMC CH46 Sea Knight Helicopter Crashes, Trng. Ex., off Okinawa--	14
488.	1991 -- Sep 11, Continental Express 2574 breakup and crash, near Eagle Lake, TX	-- 14
489.	1996 -- May 10, Two U.S. Marine Helicopters Collide. Camp LeJeune, NC	-- 14
490.	1996 -- Nov 19, Collision, United Express 5925/Beechcraft, Quincy, IL	-- 14
491.	2009 -- Mar 22, Pilatus PC-12/45 Jet Private Plane Crash, Butte, MT	-- 14

⁶⁵ Cross listed in Fog as contributing condition.

⁶⁶ Cross-listed in Maritime.

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

492.	1919 -- July 21, Goodrich Airship “Wing Foot” Crash, IL Bank, Chicago, IL	--12-13
493.	1937 -- March 25, Inflight Icing, Crash, TWA NC13730, Clifton (~Pittsburgh), PA	-- 13
494.	1942 -- Feb 11, Four USAAF Planes Crash, Taft, Lemoore CA, Granby CT, WA	-- 13
495.	1942 -- Feb 20, Seven U.S. Military Planes Crash, CA, Wash. DC, TX (2), WA (2)	-- 13
496.	1943 -- Apr 23, Collision, USAAF, B-26C’s, Army Air Base, Venice, FL	-- 13
497.	1943 -- Jun 25, Navy Plane Crashes, St. John River near Green Cove Springs, FL	-- 13
498.	1943 -- July 19, Plane Crash, USAAF C-53D, near Malcolm and Lincoln, NE	-- 13
499.	1943 -- July 24, Crash, USAAF B-17A, near Army Air Base, Ephrata, WA	-- 13
500.	1944 -- Jan 02, Breakup, USAAF B-17G, McClellan Field, Sacramento, CA	-- 13
501.	1944 -- Jan 20, USN PB4Y-1 Liberator 32163 Crash after takeoff, Camp Kearny, CA--	13
502.	1944 -- Feb 03, Mid-Air Collision, USAAF B-26B’s, near Garland, AR	-- 13
503.	1944 -- Feb 07, Two USAAF Planes Crash, Parkton, NC, Wendover Field, UT	-- 13
504.	1944 -- May 19, USN 32226 PB4Y-1 Liberator Plane Crash ~MCAS Cherry Point, NC--	13
505.	1944 -- Nov 11, USAAF C-47B Crash, Strawberry Peak, near Glendale, CA	--12-13
506.	1944 -- Dec 05, USAAF P-47/B-24J Planes Collide near Walterboro AAF, SC	-- 13
507.	1945 -- Apr 17, US Navy VB-4 Patrol Plane Crash, Trng. Ex., near Mayport, FL	--12-13
508.	1945 -- July 08 USAAF B-29 Structural Failure/Crash, near Pueblo AAB, CO	-- 13
509.	1945 -- July 13, USAAF B24 Crash, 25 miles from Tyndall Field, Panama City, FL	-- 13
510.	1945 -- July 14, USAAF B-29 Crash, Kirtland Field, Albuquerque, NM	-- 13
511.	1945 -- July 25, USAAF C-47B Crash, Th-Storm, 13M ~ to Tampa, FL	-- 13
512.	1945 -- Oct 18, USAAF TB-24J Fire/Crash, near Hondo AAF, TX	-- 13
513.	1946 -- July 18, U.S. Army Air Corps Transport C-47, Crash, near Goodland, KS	-- 13
514.	1946 -- Oct 17, National Air Transport Service Crash, Laramie, WY	-- 13
515.	1947 -- Nov 27, Columbia Air Cargo Douglas C-47 Crash, Yakutat, AK	-- 13
516.	1948 -- Aug 12, Plane Crash, USAF B-29, ~ Walker Air Force Base, NM	-- 13
517.	1948 -- Nov 03, USAF B-29 Bomber Crash, Shelf Moor, near Manchester, England--	13
518.	1950 -- Apr 11, USAF B-29 Crash, Manzano Nuc. Wpn. Storage ~Kirtland AFB NM--	13
519.	1950 -- Nov 16, USAF KB29 Tanker and B-50 Collide/Crash ~Sil Nakya village, AZ--	13
520.	1951 -- Aug 20, Plane Crash, USAF T-33, McGuire Air Force Base, NJ	-- 13
521.	1953 -- Jan 16, USAF C54 Crash, approach, Harmon AFB, Stephenville, NFLD, Can.--	13
522.	1952 -- Dec 01, Plane Crash, USAF C47B, Mount San Gorgonio, CA	-- 13
523.	1953 -- Jan 16, Crash, USAF C-54, near Harmon AFB, Newfoundland	-- 13
524.	1954 -- Oct 6, USAF B-50 Crash near Willows, Glenn County, CA	-- 13
525.	1955 -- Mar 20, American Air 711 Approach Crash, Springfield, MO	-- 13
526.	1958 -- Sep 08, Mid-Air Collision, USAF B52’s, Near Airway Heights, WA	-- 13
527.	1958 -- Sep 09, USAF Douglas C47 Plane Crash, Elmendorf AFB, Anchorage, AK	-- 13
528.	1960 -- July 27, Chicago Helicopter Airways Crash Forest Park, IL	-- 13
529.	1962 -- Sep 04, Ashland Oil Co., Plane Crash, near Lake Milton, OH	-- 13
530.	1962 -- Dec 26, USN P5M1 Marlin Seaplane Lost at Sea 350M SW of San Diego, CA--	13
531.	1965 -- Nov 27, Edde Airlines N485 Crash, Salt Lake City, UT	-- 13
532.	1968 -- Jan 17, USAF Stratotanker Takeoff Crash, Minot AFB, ND	-- 13
533.	1969 -- Feb 04, USAF HC-130 Rescue Plane Crash into Sea off Taiwan	-- 13
534.	1970 -- May 04, USAF Convair T-29D Crash, near Hamilton AFB, CA	-- 13
535.	1972 -- Jun 29, Mid-Air Collision, N. Cent. Air/Air Wisc., Appleton, WI	-- 13

536.	1972 -- Dec 05, USAF C-130 Collides with SC ANG F-102, near Conway, SC	--	13
537.	1977 -- Sep 6, Alaska Aeronautical Industries fl. 302 Plane Crash, Mt. Iliamna, AK	--	13
538.	1977 -- Dec 11, BNAS-based USN Orion Crash, Fog, El Hierro Mt., Canary Islands	--	13
539.	1980 -- June 12, Air Wisconsin flight 965 crash (storm, engine failure), Valley, NE	--	13
540.	1980 -- Aug 6, Air Logistics helicopter crash with oil platform workers, off Houma, LA	--	13
541.	1984 -- Dec 6, Provincetown-Boston Airlines 1039 takeoff crash, Jacksonville AP, FL	--	13
542.	1990 -- Aug 29, USAF C-5A Galaxy Plane Crash, Ramstein U.S. Air Base, Germany	--	13
543.	1991 -- July 10, Plane Crash, L'Express Airlines Flight 508, near Birmingham, AL	--	13
544.	1992 -- Nov 30, Two USAF C-141 Transports Collide Mid-Air, near Harlem, MT	--	13
545.	1997 -- Aug 6, Korean Air 801 approach crash Antonio B. Won IAP, Guam	--229/US	13
546.	2004 -- Oct 19, Corporate Airlines (N875JX) Crash, Kirksville, MO	--	13

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

547.	1935 -- Oct 07, United Airlines Airport Approach Crash, Cheyenne, WY	--	12
548.	1936 -- April 7, TWA Flight No. 1 Crash into Mt., Fairchance, PA (Southwest PA)	--	12
549.	1936 -- Dec 27, United Air 34 Crash, Rice Canyon, Newhall, CA	--	12
550.	1940 -- Jun 17, Two USAAF Bombers Collide/Crash, Bellerose Manor, Queens, NY	--	12
551.	1941 -- Nov 2, USN Patrol “Flying Boat” Crashes, mountain ~Krisuvik, Iceland	--	12
552.	1942 -- Apr 02, Six USAAF Planes Crash, Helena, AR; Planada, CA, Leary, GA; Savannah AB, GA; San Angelo, TX; Everett, WA	--	12
553.	1942 -- Jun 08, USN Airships Collide, <i>Defender/G-1</i> , Ocean, ~Lakehurst, NJ	--	12
554.	1942 -- Oct 23, American Air/U.S. Army B-4 Bomber, Palm Springs, CA	--	12
555.	1942 -- Dec 05, USAAF C-47 Approach Crash, ~Maxwell Field, Montgomery, AL	--	12
556.	1942 -- Dec 30, U.S. Army Air Force B-17 Crash, Musselshell, MT	--	12
557.	1943 -- Jan 25, U.S. Army Air Force B-17 Crash, New Albany, OH	--	12
558.	1943 -- Feb 17, U.S. Army Air Force B-17 Crash, near Huron, SD	--	12
559.	1943 -- May 20, USAAF B-24E Plane Hits Natural Gas Tank, Fog, Chicago IL ⁶⁷	--	12
560.	1943 -- July 05, Crash, USAAF B-24E, fog, Green Mt., San Miguel Island, CA	--	12
561.	1943 -- July 28, US Army AF B-24E Structural Failure/Crash, Adena, CO	--	12
562.	1943 -- Aug 18, U.S. Army Air Force B-24E Plane Crash, Otero County, NM	--	12
563.	1943 -- Aug 18, USN Patrol Plane, VP-210, Crashes off Montauk Pt. Long Is., NY	--	12
564.	1943 -- Nov 18, U.S. Army Air Force B-24J Crash, near Melrose, NM	--	12
565.	1943 -- Dec 15, Plane Crash, USAAF, B-17, Army Air Base, Ardmore, OK	--	12
566.	1944 -- Jan 26, Navy Patrol Plane Crashes, Key West Naval Patrol Station, FL	--11-	12
567.	1944 -- Feb 16, Plane Crash, USAAF, B-17F, Wimauma, FL	--	12
568.	1944 -- Feb 22, Crash, USAAF, B-17F, Kittatinny Mt., Warren Ct., NJ	--	12
569.	1944 -- Feb 25, USAAF Planes Collide, Army Air Field, Las Vegas, NV	--	12
570.	1944 -- Mar 03, USAAF B26’s Collide, ~ Barksdale Field, Shreveport, LA	--	12
571.	1944 -- Mar 05, USAAF B24 Explodes/Cashes, Atlantic Ocean, off FL	--	12
572.	1944 -- Apr 11, US Navy War Eagles VP-16 Orion Crashes east of Columbus, NM	--	12
573.	1944 -- Apr 25, USAAF B-24’s Collide, near Yuma Army Air Field, AZ	--	12
574.	1944 -- May 30, USN PB4Y and F4F Collide, Palomar Mt., San Diego County, CA	--	12
575.	1944 -- July 19, USAAF Consolidated Liberator Crash, Touchet, WA	--	12
576.	1944 -- Sep 17, Plane Crash, Liberal AA Field USAAF B-29, near Copeland, KS ⁶⁸	--	12

⁶⁷ Cross-listed in Fog as a Contributing Factor.

577.	1944 -- Sep 24, US Army AF Douglas C-47 Crashes, Camp Mackall, NC	-- 12
578.	1944 -- Oct 15, USAAF B-29 Crash, Alamogordo Army Air Base, NM	-- 12
579.	1944 -- Oct 24, USAAF B-17F Plane Crash, near Russell, KS	-- 12
580.	1944 -- Oct 26, USAAF C-46A's Collide, Reno Army Air Base, NV	-- 12
581.	1944 -- Nov 07, USN PB4Y-1 Liberator Plane Crash, off Fort Monroe, VA	-- 12
582.	1944 -- Dec 25, USAAF C-47A Plane Crash, Roundtop Mt. near Harrisburg, PA	--11-12
583.	1945 -- Mar 10, USA B-24, Atlantic near Montauk Point, Long Island, NY	-- 12
584.	1945 -- Apr 01, USAAF B-29 Fire/Crash, near Alamogordo, NM	-- 12
585.	1945 -- Jun 30, USAF B-29 (44-69943) Crash, Guadalupe Peak, TX	-- 12
586.	1945 -- Sep 01, USAAF B-24J takeoff crash, near Hondo Army Air Field, TX	--10-12
587.	1946 -- Jun 12, USAAF B29 Crash/Fire, Collins Gap, near Clingman's Dome, TN	-- 12
588.	1946 -- Aug 01, Plane Crash, USN PB4Y-2 Privateer, ~Camp Kearny MAAS, CA	--11-12
589.	1946 -- Dec 24, Western Air Lines Flight 44 Flies into Cuyapaipe Mountain, CA	-- 12
590.	1947 -- Jan 27, Plane Crash, USAAF B-29 Superfortress, Kirtland Field, NM	-- 12
591.	1947 -- June 14 USAAF B-29 Plane Crash, Hawks Mountain, VT	-- 12
592.	1947 -- Dec 16, USAF B-29 Crash after Davis-Monthan takeoff, near Tucson, AZ	-- 12
593.	1948 -- Jan 27, USAF C-47 Crash (dependants), Snowstorm, Cheval Blanc Mt., France--	12
594.	1948 -- Mar 10, Delta Air Flight 705 Crash, Chicago Municipal Airport, IL	-- 12
595.	1948 -- May 09, USN PBY-6A Catalina Plane Lost, San Juan, PR to Key West, FL	-- 12
596.	1948 -- Nov 03, US Navy PB4Y-2 Plane Crash, 10M off Port Moller, Kodiak AK	-- 12

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

597.	1950 -- March 23, In-Flight Explosion, USAF B-50, near Hyder, AZ	-- 12
598.	1951 -- Aug 12, US Navy PB4Y-2 Privateer crash into mountain, Amak Island, AK	-- 12
599.	1951 -- Oct 15, USAF C-97 Lost, North Atlantic, Azores to Westover AFB, MA	--11-12
600.	1952 -- Mar 26, USAF Planes Crash, Davis-Monthan AFB, AZ; Albuquerque, NM	-- 12
601.	1952 -- Apr 09, Planes Collide, USAF F-94 & C-47, Camp Edwards, MA	-- 12
602.	1952 -- Jun 13, Yokota Air Base, Japan, USAF RB-29, shot down, Sea of Japan ⁶⁹	-- 12
603.	1953 -- Jan 13, USAF B-50 Bomber Plane Crash, near Gridley CA	-- 12
604.	1953 -- July 02, USAF Martin Mariner Crash, Adak, AK	-- 12
605.	1954 -- Aug 22, Braniff Airways Thunderstorm Crash, S. Mason City, IA	-- 12
606.	1955 -- Jan 01, USAF Douglas C47 Crash, near Skwentna Airport, Anchorage, AK	-- 12
607.	1956 -- Sep 24, USAF C-47 Crash, Mount Yale, near Buena Vista, CO	-- 12
608.	1957 -- Jan 17, USAF Weather B-50 Takeoff Plane Crash, near Eielson AFB, AK	-- 12
609.	1957 -- Sep 15, Northeast Air 285, Approach Crash, New Bedford, MA	-- 12
610.	1958 -- May 20, Planes Collide, Capital Air & MD Air NG, Brunswick, MD	-- 12
611.	1959 -- Feb 04, USAF Weather B-50 Crash, out of and off Kindley US AFB, Bermuda--	12
612.	1960 -- Oct 28, Northwest Airlines Crash, Missoula, MT	-- 12
613.	1964 -- Oct 27, Navy Plane Crash into Commissary, El Centro NAS, CA	-- 12
614.	1964 -- Nov 27, USN Lockheed P-2V Neptune Crash, Cape Newenham, AK	-- 12
615.	1966 -- May 18, USAF KC-135 Stratotanker takeoff Crash, Kadena AB, Okinawa	-- 12
616.	1968 -- Apr 01, Navy P3B Coastal Surveillance Shot Down, Gulf of Thailand ⁷⁰	-- 12

⁶⁸ Crash into farmhouse killing grandfather and one-year-old grandson, in addition to ten U.S. service crewmen.

⁶⁹ Cross-listed in Violence (Attack).

617. 1969 -- Mar 08, USAF C130 Crash short of runway, Ching Chuan Kang AB, Taiwan-- 12

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

618. 1971 -- May 06, Apache Airlines Carstedt Jetliner Crash, Coolidge, AZ -- 12
619. 1974 -- Jan 06, Air East Airlines N125AE Crash, Johnstown, PA -- 12
620. 1976 -- Apr 23, Petroleum Helicopters Inc. Crash, Gulf of Mex., off coast of LA -- 12
621. 1978 -- Aug 25, Webber Air charter crash, Sumner Strait, NW of Prince of Wales Isl., AK-12
622. 1979 -- Sep 14, Butler Aircraft Inc. DC-7 Plane Crash, Surveyor Mountain, OR -- 12
623. 1982 -- July 28, Last Days Ministries sight-seeing takeoff Plane Crash, Lindale, TX-- 12
624. 1988 -- Feb 19, AVAir Inc. Fairchild Metro III (Air Virginia) takeoff crash, Cary, NC-- 12
625. 1992 -- Sep 07, Beechcraft Parachuting Plane Crash, Hinckley, IL -- 12
626. 1994 -- June 18, Mexican Charter Learjet Crash, Dulles IAP approach, Chantilly, VA-- 12
627. 1995 -- Sep 10, Plane Crash, Peninsula Sky Diving Club, West Point, VA -- 12
628. 2016 -- Jan 14, Aviation, Two Marine Helicopters Crash off Haleiwa, Oahu, HI -- 12
629. 2017 -- Dec 31, plane crash, 2 C.R. pilots, 10 U.S. citizens, NW Costa Rica --10US of 12
630. 1937 -- Feb 09, United Air Flight 23 Crash, San Francisco Bay, CA -- 11
631. 1938 -- Feb 02, Mid-Air Collision, Two Navy PBY-2 Bombers, off S. CA -- 11
632. 1938 -- Mar 30, War games, 2 USN Consolidated patrol bombers crash, off Oahu, HI-- 11
633. 1939 -- Aug 11, Two USAAF Plane Crashes, Langley Field VA (9); Miramar CA (2)-- 11
634. 1941 -- Jan 04, USN Transport *R2D-1* Landing Crash, San Diego, CA -- 11
635. 1941 -- Dec 30, 3 USAAF Planes Crash in CA; ~Allensworth, Keller Peak, Oakland-- 11
636. 1942 -- Mar 18 Eleven USAAF Planes Crash, CA (5), OH (4), TX, WV -- 11
637. 1942 -- Oct 03, USN Sikorsky Flying Boat *Excalibur* Crashes, Botwood, NFLD, Can.-- 11
638. 1942 -- Oct 17, US Army Air Force B-17 Crash, Sierra Grande Mt., NM -- 11
639. 1942 -- Nov 11, USN Patrol Plane (Banana Riv. NAS) Crash 5M off Melbourne FL-- 9-11
640. 1943 -- Jan 06, U.S. Army Air Force B-24 Crash, White City, KS -- 11
641. 1943 -- Jan 17, U.S. Army Air Force B-24 Crash, Alamogordo, NM -- 11
642. 1943 -- Jan 18, U.S. Army Air Force B-24 Crash, Bassett Peak, AZ -- 11
643. 1943 -- Jan 24, , U.S. Army AF B-24 Crash, White Sands Nat. Mon. NM -- 11
644. 1943 -- Jan 31, USAF Consolidated Liberator Crash, Tucson, AZ -- 11
645. 1943 -- Feb 28, USAAF B-26 Bombers (2), Mid-Air Collision, Avon Park, FL -- 11
646. 1943 -- Mar 27, USAAF C-47 explosion, structural failure, crash, Oliver Springs, TN-- 11
647. 1943 -- Mar 29, USAF B-17 42-5313 Crash, Ephrata AFB, WA -- 11
648. 1943 -- Apr 15, Crash, USAAF, Buckingham Army Air Field, Fort Myers FL -- 11
649. 1943 -- May 7, Plane Crash, USAAF B-17F, Army Air Base, Dalhart, TX -- 11
650. 1943 -- May 22, Crash, USAAF B-17, Army Air Base, Rapid City, SD -- 11
651. 1943 -- May 31, Plane Crash, USAAF C-67, Smith Creek Valley, NV -- 11
652. 1943 -- June 13, Two USAAF B-17F Bombers Collide near Fedora, SD --10-11
653. 1943 -- July 02, Navy VF-5 Plane Crash, Table Top Mt. ~NAS Dutch Harbor, AK --10-11
654. 1943 -- July 07, USN PB4Y1 Liberator Plane Crash, off NAS Barbers Pt., Oahu, HI-- 11
655. 1943 -- July 15, USAAF B24D sea crash at end of runway, Castle Harbour, Bermuda-- 11
656. 1943 -- July 19, USAFF B-24E Crash, Taylor Canyon, 27 mi NE of Gunnison, CO -- 11
657. 1943 -- July 28, USAAF B-24E Crash, 12 miles north of Biggs Field, El Paso, TX -- 11

⁷⁰ Cross-listed in Violence (Attack).

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

658.	1943 -- Aug 9, U.S. Navy bomber Crashes into bus, Pearl Harbor Navy Yard, HI	--	11
659.	1943 -- Aug 14, USAAF B-24E Plane Crash, Shoshone Nat. Forest, ~Dubois, WY	--	11
660.	1943 -- Aug 14, USAAF B-24E Plane Crash, near Ellsworth, KS	--	11
661.	1943 -- Aug 24, USAAF B-17 Crash, Gibson Ranch, near Dovetail & Winnett, MT	--	11
662.	1943 -- Sep 05, USAAF Skytrooper Plane Crash near Sedalia MO	--	11
663.	1943 -- Sep 22, USAAF B-24D Plane Crash, near Waldo, KS	--	11
664.	1943 -- Sep 28, USAAF B-24H Plane Crash, near Fountain, CO	--	11
665.	1943 -- Sep 30, USAAF B-24H, Plane Crash, near Villa Santa Maria Del Norte, CO	--	11
666.	1943 -- Oct 03, USAAF B-17F Plane Crash, Army Air Field, Brooksville, FL	--	11
667.	1943 -- Nov 25, USAAF B-24E's Collide, near Army Air Field, Liberal, KS	--	11
668.	1944 -- Mar 15, USAAF Bomber Crashes, Bull Mountain, ~Stuart, southwest VA	--	11
669.	1944 -- Apr 07, USAAF B-24H Lost, Atlantic Ocean, off coast of MA	--	11
670.	1944 -- Apr 24, USAAF B-17G Crash, ~ Ardmore Army Air Field, OK	--	11
671.	1944 -- May 26, USAAF B-17G Plane Crash, Ronald Horn farm, near Anthon, IA	--10-11	
672.	1944 -- May 30, USN PB4Y1 Liberator Emer. Lndg. Crash, NAAS Chincoteague, VA	--	11
673.	1944 -- July 2, USAAF B-29 Breaks-up/Storm/Crashes, near Harmon, OK	--	11
674.	1944 -- Sep 27, USAAF RB-24E Plane Crash, near San Jon and Tucumcari, NM	--	11
675.	1944 -- Oct 24, USAAF B-29 Crash, Barksdale Field, Shreveport, LA	--	11
676.	1944 -- Nov 13, USAAF C-47 Crashes near Army Air Base, Casper, WY	--	11
677.	1944 -- Nov 18, USAAF B-24J Plane Crash, ~ March Field, Riverside, CA	--	11
678.	1944 -- Dec 27, USAAF B-24J Plane Crash, near Mattituck, Long Island, NY	--	11
679.	1945 -- Jan 9, USAAF B-24 Breakup/Crash ~Chatham Field, Savannah, GA	--	11
680.	1945 -- Jan 17, USAAF B-17F Plane Fire/Crash, near Bay Minette, AL	--	11
681.	1945 -- Jan 26, USN PB4Y-1 Liberator Landing Crash, ~NAAS Jacksonville, FL	--	11
682.	1945 -- Feb 09, USAAF B-24D Plane Crash, near Denio, OR	--	11
683.	1945 -- Apr 11, USAAF B-24J Crash, Atlantic, off Charleston, SC	--	11
684.	1945 -- Apr 24, USAAF B-29 Fire/Crash, Gulf of Mexico, off Key West, FL	--	11
685.	1945 -- Apr 27, U.S. Army AF C-46D, Plane Crash, near Claude, TX	--	11
686.	1945 -- May 12, USAAF B-24M Plane Crash, 30M near Fort Bragg, CA	--	11
687.	1945 -- June 30, USAAF TB-24J Crash, Las Vegas Field, Las Vegas, NV	--	11
688.	1945 -- July 14, USAAF TB-25C Plane Crash, 1 mile NW of Weldon, TX	--	11
689.	1945 -- July 22, USAAF B-24M Crash, James River, ~Newport News, VA	--	11
690.	1945 -- Aug 9, USAAF TB-24D Crash ~Buckingham Field, Ft. Myers, FL	--	11
691.	1946 -- Apr 04 USN R4D-6 Transport Plane Crash, sandhills 15M ~Albuquerque, NM	--	11
692.	1946 -- Oct 01, Plane Crash in storm, fire, USAAF B-29, Buffalo Valley, NV	--	11
693.	1946 -- Nov 13, Western Air Flight 23 Crashes, White Mt., Lebec, CA	--	11
694.	1948 -- Nov 1, USAF C-47 Plane Breakup and Crash, Thunderstorm, ~Muldrow, OK	--	11
695.	1949 -- Oct 13, USAF B50 Crash near Isleham England	--(US)	11
696.	1949 -- Nov 03, USAF RB-29 Weather Plane Crash, off Kindley US AFB, Bermuda	--	11
697.	1949 -- Dec 22, Plane Crash, USAF B50 Bomber, near Savannah, GA	--	11
698.	1950 -- Dec 23, USN P2V Neptune Crash, McCreight Mt., Vancouver Isl., BC, Can.	--	11

699.	1951 -- Apr 28, United Flight 129 Crash, near Fort Wayne, IN	--	11
700.	1951 -- Aug 13, Plane Crash, USAF B-50, Lester Apartments, Beacon Hill, WA	--	11
701.	1951 -- Nov 27, US Navy Martin Mariner Crash, San Diego, CA	--	11
702.	1952 -- Apr 08, USAF B-25 Crash, Golden Peak, near Golden, CO	--	11
703.	1952 -- Jun 24, NM-based USAF B-50 Superfortress Crash near Lakenheath, UK	--	11
704.	1952 -- Oct 08, USAF B29 and F94 Jet Midair Collision near Portland, OR	--	11
705.	1952 -- Nov 12, USAF Consolidated Privateer Crash, Shelton, WA	--	11
706.	1954 -- Sep 28, USN PB-5 Marlin Takeoff Crash, Sangley Point NAS, Philippines	--	11
707.	1955 -- Feb 17, USAF Lockheed P-2 Neptune Crash, Elmendorf AFB, AK	--	11
708.	1955 -- Sep 26, US Navy P-2 Neptune 131442 Lost	--	11
709.	1956 -- Aug 31 Eielson AFB AK WB-50 Plane, Crashes 50 miles north of Anchorage--		11
710.	1957 -- Apr 02, US Navy Neptune Plane Explos., ~Atlantic, Chincoteague AFB, VA--		11
711.	1957 -- Jul 19, Willow Grove NAS, PA, Neptune Crash, San Martino Mt., no. Italy ⁷¹	--	11
712.	1958 -- Oct 18, USN Constellation Plane Crash, ~Argentia, Newfoundland, Canada	--	11
713.	1959 -- Nov 24, Trans World Air Flight 595 Takeoff Crash, Chicago, IL	--	11

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

714.	1960 -- Sep 08, Yokota AB USAF Weather B-50 Crash into Mt., near Ishikawa, Japan--		11
715.	1963 -- Aug 28, Apparent Mid-Air Collision, two USAF Tankers, off East Coast	--	11
716.	1966 -- Apr 09, US Navy Orion P-3A Crashes into Pacific 300km off San Diego, CA--		11
717.	1966 -- Oct 08, Petroleum Helicopter, Bell 204B, goes into Gulf ~Morgan City, LA	--	11
718.	1969 -- Jan 6, Allegheny Air Flight 737 Approach Crash, Bradford, PA	--	11
719.	1969 -- Dec 5, Lockheed Lodestar Plane Crash, NE Albuquerque, NM	--	11
720.	1970 -- Sep 8, Trans International Air 893, Takeoff Crash, JFK AP, NY	--	11
721.	1972 -- May 29, Petroleum Helicopter Crash, Oil Platform Workers, Dulac, LA	--	11
722.	1972 -- Nov 17, Metro Air System (N2700S) Crash, Elkton, KY	--	11
723.	1973 -- Feb 07, Navy Corsair II Plane Crash/Apartment Bldg., Fire, Alameda, CA ⁷²	--	11
724.	1973 -- Sep 27, Texas International Air N94230 Crash, Black Fork Mt., AR	--	11
725.	1974 -- Apr 11, Plane Crash, Island Air Beechcraft 18 (N28358) Kahului, HI	--	11
726.	1976 -- Sep 26, Crash, Johnson & Johnson Gulfstream, Hot Springs, AR	--	11
727.	1978 -- Nov 30, Plane Crashes; USAF C-130 Cottageville, SC; Piper, Albany AP, GA--		11
728.	1981 -- Dec 5, Crash (pilot error), Jump Hawaii Club Beechcraft C-45, Honolulu, HI--		11
729.	1983 -- Aug 21, Landry Aviation plane with skydivers stalls/crashes, Silvana, WA	--	11
730.	1986 -- Apr 2, Plane Crash, USAF Hercules C-130 Magdalena, NM	--	11
731.	1989 -- Jun 11, Plane Crash, Scenic Air Tours (N34AP) Waipio Valley, HI	--	11
732.	1999 -- June 1, American Airlines 1420, Storm/Landing Collis., Little Rock, AR	--	11
733.	2000 -- Aug 9, USN Charter Patuxent Airways & Private Plane Collide, Burlington, NJ--		11
734.	2003 -- Mar 11, US Army Blackhawk Helicopter Crash, Fort Drum, NY	--	11
735.	2011 -- Sep 16, Nevada Air Show Crash into Grandstand, Reno, NV ⁷³	--	11
736.	2015 -- Mar 10, U.S. Army Blackhawk Helicopter Crash, Gulf off Navarre Beach, FL--		11

⁷¹ Nine other U.S. service-men lost their lives in a search and rescue mission when their plane crashed.

⁷² Cross-listed in Fire-Structural. The pilot was believed to have died prior to the crash, one person on the ground killed by the crash, and eight by fire, with one additional death to an unattributed cause.

⁷³ Cross-listed in Auto and Air Racing/Show Events.

- 737. 1930 -- Jan 2, Motion Picture Private Planes Collide, Santa Monica, CA -- 10
- 738. 1933 -- Jun 11, Chicago Exposition Sightseeing Plane Crash, ~Glenview IL -- 9-10
- 739. 1933 -- Oct 10, United Airlines Bombing/Sabotage, Chesterton, IN -- 10
- 740. 1936 -- Sep 5, Skyways Sight-seeing Plane Crash, Buttermilk Hollow, PA ~Pittsburgh-- 10
- 741. 1938 -- Jan 10, Northwest Airlines Plane Crash, Bridger Canyon, MT -- 10
- 742. 1938 -- May 24, United Air Flight 9 Fire and Crash, near Cleveland, OH -- 10
- 743. 1939 -- Mar 18, Boeing Stratoliner test flight Crash, near Adler, Mt. Rainier, WA -- 10

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

- 744. 1940 -- Nov 4, United Air NC16086 Crash, Centerville, UT -- 10
- 745. 1940 -- Dec 4, United Airlines DC-3 (NC25678) Crash, Chicago, IL -- 10

- 746. 1942 -- Jan 17, 3 USAAF Crashes, Riverside CA, Pendleton Field OR, Curtis Field TX--10
- 747. 1942 -- Feb 4, USAAF Planes Crash, Lake Tahoe NV, Brooks Field TX, Trinity Ctr CA--10
- 748. 1942 -- Mar 15, Army AF B-17 Flies into Mountain near Pendleton, OR -- 10
- 749. 1942 -- Apr 5, Plane Crash, USAAF B-17 Flying Fortress, Oahu, HI -- 10
- 750. 1942 -- Apr 16, Two USAAF Planes Crash, Chesapeake Bay; MacDill Field, FL -- 10
- 751. 1942 -- May 6, Army AF B-17 Disappears, Training Flight, Gulf of Mexico -- 10
- 752. 1942 -- May 15, Four USAAF Crashes, CA (2), ~Wendover Field, UT, ~Mason, TX -- 10
- 753. 1942 -- June 01, Planes Crash, Two USAAF (MD and PA) and one US Navy (CA) -- 9-10
- 754. 1942 -- June 5, Plane Lost, USN PBV-5A #05023, NAS Pensacola to Gulf -- 10
- 755. 1942 -- July 18, U.S. Army Air Force B-17 Crash, North Reading, MA -- 10
- 756. 1942 -- July 30, USAAF C-73 Takeoff Crash, Minneapolis, MN -- 10
- 757. 1942 -- Sep 11, U.S. Army Air Force B-24 Crash, Mt. Baldy, AZ -- 10
- 758. 1942 -- Nov 30, US Army AF B-17 Crash, near Sioux City, IA -- 10
- 759. 1942 -- Dec 2, U.S. Army Air Force B-17 Crash near Grace, ID -- 10

- 760. 1943 -- Jan 6, U.S. Army Air Force B-24 Crash, Madill, OK -- 10
- 761. 1943 -- Jan 2, U.S. Army Air Force B-17 Crash, Elko, NV -- 10
- 762. 1943 -- Jan 12, U.S. Army Air Force B-24 Crash, Alamogordo, NM -- 10
- 763. 1943 -- Jan 15, U.S. Army Air Force B-17 Crash, Gowen Field, ID -- 10
- 764. 1943 -- Jan 24, U.S. Army AF B-24 Crash, Ruidoso, NM -- 10
- 765. 1943 -- Jan 24, U.S. Army AF B-17 Crash, near Ordway, CO -- 10
- 766. 1943 -- Jan 26, US Army AF B-23 Dragon Crash, Flomaton, AL -- 10
- 767. 1943 -- Feb 11, Army Bomber Crashes, Near Wala Wala, WA -- 10
- 768. 1943 -- Feb 25, U.S. Army AF B-17 Crash, near Glenrock, WY -- 10
- 769. 1943 -- Feb 26, U.S. Army AF B-17 Crash, Biggs Field, El Paso, TX -- 10
- 770. 1943 -- Mar 22, Plane Crash, USAAF, Army Air Field, Harlingen, TX -- 10
- 771. 1943 -- Apr 12, Plane Crash, USAAF ~Davis-Monthan Field, Tucson, AZ -- 10
- 772. 1943 -- Apr 21, Crash, USAAF B-24 ~210 miles off Virginia Beach, VA -- 10
- 773. 1943 -- Apr 21, Crash, USAAF C-69A, Evansville Municipal Airport, IN -- 10
- 774. 1943 -- Apr 26, Crash, U.S. Army Air Force B-24D, near Ballinger, TX -- 10
- 775. 1943 -- Apr 29, USAAF B-24 Lost, Hamilton Field, CA to Hickam Field, HI -- 10
- 776. 1943 -- May 16, Runway Collision, B-17's, Ephrata Army Air Base, WA -- 10
- 777. 1943 -- May 23, Crash, USAAF B-17F, Yellowstone National Park, MT -- 10

778.	1943 -- May 29, Plane Lost, USAAF B-24, Pacific Ocean off Coast of CA	--	10
779.	1943 -- June 28/29, Plane Crash, USAAF, Big Horn Mts., Cloud Peak, WY	--	10
780.	1943 -- June 29, Crash, USAAF B-24E, Alamogordo Army Air Base, NM	--	10
781.	1943 -- July 03, Plane Crash, USAAF B-17F, White City, KS	--	10
782.	1943 -- July 21, Plane Collision USAAF B-26C's, near Parrish, FL	--	10
783.	1943 -- Aug 1, US Army Air Force CG-4 Glider Demo Flight Crash, St. Louis, MO	--	10
784.	1943 -- Aug 12, Plane Crash, USAAF B-24A, near Indio, CA	--	10
785.	1943 -- Aug 16, Plane Crash, USAAF B-24E, near Pueblo, CO	--	10
786.	1943 -- Aug 16, Plane Crash, USAAF B-24E, Gowen Field, Boise, ID	--	10
787.	1943 -- Aug 18, Crash, USAAF B24, Gulf of Mex., off Corpus Christi, TX	--	10
788.	1943 -- Aug 27, Crash, USAAF B-24, Cheyenne Mt., ~Peterson Field, CO	--	10
789.	1943 -- Aug 29, Plane Crash, USAAF B-24E, near Wendover Field, UT	--	10
790.	1943 -- Sep 01, Explosion/Crash, USAAF B-17F, ~ Fort Benton, MT	--	10
791.	1943 -- Sep 02, Crash, USAAF B-24E, near Army Air Base, Sioux City, IA	--	10
792.	1943 -- Sep 05, Plane Crash, USAAF B-17F, Lake Cormorant, MS	--	10
793.	1943 -- Sep 06, Plane Crash, USAAF B-17F, near Rapid City, SD	--	10
794.	1943 -- Oct 01, Plane Crash, U.S. Army Air Force, B-24D, Elk, CA	--	10
795.	1943 -- Oct 04, Crash, USAAF, B-24D, Army Air Base, Blythe, CA	--	10
796.	1943 -- Oct 06, Lost, USAAF, B-24D, Pacific Ocean off N. CA/OR	--	10
797.	1943 -- Oct 14, Plane Crash, USAAF, B-24D, Neighbours, CA	--	10
798.	1943 -- Oct 15, Crash, USAAF B-24E near Army Air Base, Blythe, CA	--	10
799.	1943 -- Oct 24, Crash, USAAF, Smokey Hill Army Air Field, Salina, KS	--	10
800.	1943 -- Oct 29, Crash, USAAF B-24E, Cucamonga Peak, Fontana, CA	--	10
801.	1943 -- Nov 03, Plane Crash, US Army AF, B-24J, near Pueblo, CO	--	10
802.	1943 -- Nov 19, Crash, USAAF B-17F, near Thonotosassa, FL	--	10
803.	1943 -- Dec 04, B-24 Bomber Crash, near Elverson, PA (near Reading, PA)	--	9-10
804.	1943 -- Dec 13, Plane Crash, USAAF, B-17F, near Rosebud, SD	--	10

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

805.	1944 -- Jan 03, Plane Crash, USAAF B-24J, 25 miles SE of Muroc, CA	--	10
806.	1944 -- Jan 13, Crash, USAAF B-17, near Army Air Field, Fort Worth, TX	--	10
807.	1944 -- Jan 22, Collision, USAAF, Gulf of Mexico, near Little Marco Pass, FL	--	10
808.	1944 -- Jan 24, Mid-Air Collision, USAAF C-60/AT-7, near Farmersville, LA	--	10
809.	1944 -- Feb 12, Two USAAF B-17's Collide, one Crashes, Mill Creek, OK	--	10
810.	1944 -- Feb 23, USN North Amer. PBJ-1D Mitchell Bombers Collide ~Bern, NC	--	10
811.	1944 -- Feb 26, Plane Lost, USAAF, B-24E, Atlantic Ocean, off SE Coast	--	10
812.	1944 -- Feb 26, Plane Crash, USAAF, B-17, near Palmer Lake, CO	--	10
813.	1944 -- May 05 USAAF Crash, out of Hickam Field HI, Aiea Ridge, Oahu, HI	--	10
814.	1944 -- Mar 6, Plane Crash, USAAF B17G, near Maxwell, IA	--	10
815.	1944 -- Mar 18, Crash, USAAF B24H, ~Davis-Monthan Field, Tucson, AZ	--	10
816.	1944 -- Mar 20, Crash, USAAF, RB-24E, near Biggs Field, El Paso, TX	--	10
817.	1944 -- Mar 26, Crash, USAAF, B-24, ~Naval Air Station, Melbourne, FL	--	10
818.	1944 -- Apr 09, USAAF B-24D Crash, ~ USMC Air Station, Mojave, CA	--	10
819.	1944 -- Apr 24, Plane Crash, USAAF B-24H, near Epsom, NH	--	10
820.	1944 -- Apr 29, USAAF RB-24E Liberator Bomber Plane Crash, near Merna, NE	--	10

821.	1944 -- May 10, USAAF Plane Crash, near Biggs Field, El Paso, TX	--	10
822.	1944 -- May 16, Dirigible Airship (Blimp) K-5 Crash, Lakehurst NAS, NJ	--	10
823.	1944 -- May 18, USAAF B-17 Crash, near Rapid City Army Air Base, SD	--	10
824.	1944 -- May 27, USAAF B-24J Crash, Westover Field, Chicopee, MA	--	10
825.	1944 -- May 29, Plane Crash, USAAF B-17G, near Ridgely, TN	--	10
826.	1944 -- June 7, USAAF B-24J Plane Crash, near Chappell, NE	--	10
827.	1944 -- June 13, USAAF B-24E Bomber Crash, Green Knob Mt., near Asheville, NC--	10	
828.	1944 -- June 20, USAAF B-24J Lost, Atlantic Ocean, off Southeast Coast	--	10
829.	1944 -- June 22, USAAF B-24J Crash, ~Walla Walls Army Air Field, WA	--	10
830.	1944 -- June 29, USAAF B-24D Plane Crash, near Tobe, CO	--	10
831.	1944 -- June 30, USAAF B-24J Plane Lost, off Myrtle Beach, SC	--	10
832.	1944 -- July 4, USAAF B-24J Planes Collide, near Palm Springs, CA	--	10
833.	1944 -- July 11, USAAF B-17G Crash, Deer Mountain near Rangeley, ME	--	10
834.	1944 -- July 20, USAAF B1-17F's Collide, Brooksville, FL	--	10
835.	1944 -- July 20, USAAF B-24's Collide, near Roswell, NM	--	10
836.	1944 -- July 23, USAAF B-24J Fire/Crash, ~Chatham Field, Savannah, GA	--	10
837.	1944 -- July 25, USAAF B-24 Crash, San Pablo Bay, near San Rafael, CA	--	10
838.	1944 -- July 30, USAAF B-17 Breaks-up/Crashes, 6M from St. Marks, FL	--	10
839.	1944 -- Aug 9, USAAF B-24J Plane Fire/Crash, near Kiowa, CO	--	10
840.	1944 -- Aug 21, USAAF YB-29 Plane Crash, 25M ~ Alamogordo, NM	--	10
841.	1944 -- Aug 27, USAAF B-17G Plane Crash, 20M ~Bay St. Louis, MS	--	10
842.	1944 -- Sep 1, USAAF B-24J Plane Crash, ~ Muroc Army Air Field, CA	--	10
843.	1944 -- Sep 29, USN PBM-3D Crash, Southeast of Palau Island, West Central Pacific--	10	
844.	1944 -- Oct 17, USAAF B-24J Plane Crash, 12M NE of Ukiah, OR	--	10
845.	1944 -- Oct 29, USAAF B-17F Crash, ~ Chatham Field, Savannah, GA	--	10
846.	1944 -- Nov 29 USAAF B-24 Liberator Plane Crash, Middle Mt., Nottingham, NH	--	9-10
847.	1944 -- Dec 8, USAAF AT-18 Planes Collide, Sioux Falls Army Air Field, SD	--	10
848.	1944 -- Dec 22, USAAF B-24 Crash, Mt. Gleason, La Crescenta, CA	--	10
849.	1944 -- Dec 29, USAAF B-24J Plane Break-up/Crash, near Meridian, ID	--	10
850.	1944 -- Dec 30, USAAF B-29 Plane Fire/Crash, near Walker AAF, KS	--	10

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

851.	1945 -- Jan 20, USAAF B-24J Crash, near Muroc Army Air Field, CA	--	10
852.	1945 -- Jan 26, USAAF B-17G Crash, ~ Hendricks Field, Sebring, FL	--	10
853.	1945 -- Feb 12, USAAF B-24D Plane Crash, near Troy, OR	--	10
854.	1945 -- Mar 03, USAAF B-17F Plane Crash, near Winnfield, LA	--	10
855.	1945 -- Mar 06, USAAF B-24D, Crash, near Mountain Home AAF, ID	--	10
856.	1945 -- Apr 08, USAAF TB-17F Plane Crash, near Tellico Plains, TN	--	10
857.	1945 -- Apr 16, Two USAAF AT-11 Planes Collide, near Big Spring, TX	--	10
858.	1945 -- Jun 11, USAAF B-29 Structural Failure/Crash ~Rush Springs OK	--	10
859.	1945 -- Jul 17, USAAF B-17F Crash, near Smoky Hill AAB, Salina, KS	--	10
860.	1945 -- Aug 22, USN PB4Y-2 Plane Crash into sea, Trng. Flight, off San Diego, CA--	10	
861.	1945 -- Sep 7, USAAF B-29 Fire/Crash, 4 ½ miles south, Wedowee, AL	--	10
862.	1946 -- Mar 7, USAF B-29 Superfortress Plane Crash,, Kirtland AAR, NM	--	10
863.	1947 -- Feb 22, U.S. Coast Guard PBM-5 Crashes in Mex. on way back to San Diego--	10	

864. 1947 -- Aug 16, USAF B17 Plane Crash 50 miles off Barbers Point, Kalaeloa, HI -- 10
 865. 1948 -- Aug 5, USN Douglas R4D-6 and civilian Stearman Collide ~NAS Miami, FL-- 10
 866. 1948 -- Dec 22, USAF B-50 Crash near Fairbanks, AK -- 10
 867. 1949 -- Aug 31, US Navy Martin Mariner PBM-5 Crash, off San Diego, CA -- 10

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

868. 1950 -- Apr 08, USN Privateer Patrol Bomber Shot Down by USSR, Baltic Area⁷⁴ -- 10
 869. 1951 -- Jan 16, Northwest Orient Flight 115 Crash, Near Reardan, WA -- 10
 870. 1951 -- Jun 03, USAF Plane Crash, New Boston, TX -- 10
 871. 1951 -- Aug 31, USAF Consol. Privateer Crash, Little Tanaga Island, AK -- 10
 872. 1951 -- Nov 06, P2V-3W Shot Down by Soviet Aircraft, Sea of Japan -- 10
 873. 1952 -- Mar 21, USAF Consolidated Privateer Crash, off Corpus Christi NAS, TX -- 10
 874. 1952 -- Apr 1-10, Military Plane Crashes, Parachuting, “Exercise Longhorn,” TX -- 10
 875. 1952 -- Apr 05, USAF B-29 weather plane crash, McClellan AFB, Sacramento, CA -- 10
 876. 1952 -- Oct 26, USAF WB-29 lost, Typhoon, Anderson AFB, Guam to Philippines -- 10
 877. 1953 -- Jan 28, USN PB4Y Privateer Plane Crash, Black Peak, WA -- 10
 878. 1953 -- Mar 18, Plane Crash, USAF Superfortress, St. George’s Bay, NFL, Can. -- 10
 879. 1954 -- Jan 04, US Navy P2V Neptune Bomber Lost, Yellow Sea, off Coast of Korea-- 10
 880. 1954 -- Feb 05, USAF C-47 Crashes, Susitna Valley, AK -- 10
 881. 1954 -- May 5, USN PBM-5 Seaplane Crash, Sidewalk Mt., near Carricitos, Mexico-- 10
 882. 1954 -- Dec 22, Johnson Flying Service Crash, Monongahela River, ~Pittsburgh, PA-- 10
 883. 1955 -- June 29, USAF C-47 Transport Plane Crash, Sitkinak Island, AK -- 10
 884. 1956 -- Nov 9, USN P5M Marlin Patrol Plane Lost no. of Bermuda, possibly off MD-- 10
 885. 1956 -- Nov 30, USAF Boeing B-52 Crash, Merced, CA -- 10
 886. 1956 -- Dec 28, USAF B-50 Weather Recon. Crash, Yokota AB approach, Japan-(9 US)10
 887. 1957 -- July 23, USN P-2 Neptune Explosion, off Barbers Point Naval Air Sta., HI -- 10
 888. 1957 -- Dec 09, Navy P5M Marlin Seaplane Explosion/Crash, Corpus Christi, TX -- 9-10
 889. 1958 -- Jan 15 Anderson AFB, Guam USAF Weather WB50 Lost, Typhoon Ophelia-- 10
 890. 1958 -- Sep 29, USN Neptune PV-2 Patrol Plane Crash, 22M no. of Key West, FL -- 10
 891. 1959 -- Jan 8, Southeast Airlines Flight 308 Approach Crash, Bristol, TN -- 10
 892. 1959 -- May 20, USAF C-130 Hercules Plane Crash into Barracks, Ashiya AB, Japan-- 10
 893. 1959 -- July 1, Continental Can Co. Corp. Plane Crash, near Marion, OH -- 10
 894. 1962 -- Sep 22, US Navy Martin Marlin P5M Crash, Montague Island, Gulf of AK -- 10
 895. 1963 -- Sep 22, USAF C-133A Cargomaster Crash, Atlantic SE Dover AFB, DE -- 10
 896. 1964 -- Feb 03, South Central Air Takeoff Crash, Gainesville Airport, FL -- 10
 897. 1964 -- May 11, USN P2V Plane Crash, Atlantic, 25 mls SW of US AB Rota, Spain -- 10
 898. 1964 -- Nov 17, USN P-3A Orion Landing Crash, Fog, USN Base, Argentia NFL⁷⁵ -- 10
 899. 1968 -- Jul 28, USAF C-124A, GA Reserve, Crash, 50 miles NW of Recife, Brazil -- 10
 900. 1969 -- Feb 05, Crash, Angeles Flying Service, Clallam Ct. AP, Port Angeles, WA -- 10
 901. 1969 -- June 23, Dominicana de Aviacion Takeoff Crash, Miami IAP, FL -- 10
 902. 1970 -- Aug 03, Navy P3A Orion, Lightning, Turbulence Breakup, ~Searchlight, NV⁷⁶--10
 903. 1971 -- Sep 16, Scenic Airlines Cessna 402 Crash, Peach Springs, AZ -- 10

⁷⁴ Cross-listed in Violence—Attack.

⁷⁵ Cross-listed in Fog as a Contributing Factor.

⁷⁶ Cross-listed in Lightning.

904.	1971 -- Nov 12, USAF Lockheed C-130 Hercules Crash, Little Rock AFB, AR	--	10
905.	1972 -- Dec 20, Planes Collide/Fog, No. Central & Delta, O'Hare Chicago, IL ⁷⁷	--	10
906.	1973 -- Dec 11, US Navy R6D-1 Crash, Great Sitkin Island (Adak approach), AK	--	10
907.	1975 -- Aug 30, Wien Air Alaska approach crash in fog, Sevuokuk Mt. ~Gambell, AK	--	10
908.	1977 -- Feb 24, Pennsylvania Government N631PT Crash, Harrisburg, PA	--	10
909.	1978 -- Aug 30, Las Vegas Airlines (N44LV) Crash, North Las Vegas, NE	--	10
910.	1978 -- Dec 28, United Airlines N8082U Crash, Portland, OR	--	10
911.	1979 -- June 11, US Forest Service Plane Crash, Selway Riv., Nez Perce Nat. Forest, ID	--	10
912.	1979 -- Oct 27/28, Mexican General Prosecutor Office Plane Crash, San Ysidro, CA	--	10

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

913.	1980 -- March 27, Lufkin Inc., Beechcraft plane crash (icing), fire, ~Parker, CO	--	10
914.	1983 -- Aug 17, Las Vegas Airlines Flight 88 flies into mountain, Grand Canyon, AZ	--	10
915.	1983 -- Oct 11, Air Illinois (N748LL) Crash, Pinckneyville, IL	--	10
916.	1987 -- Jan 15, Sky West N163SW Crash, Slat Lake City, UT	--	10
917.	1987 -- July 4, Private (band) Beechcraft crash, near Flathead Lake, Lakeside, MT	--	10
918.	1987 -- Oct 20, USAF A-7D Jet Crash, Ramada Inn, Wayne Twp., ~Indianapolis, IN	--	10
919.	1988 -- Oct 25, USMC CH-46/UH-1N Helicopters Crash, Goldwater Gun. Range, AZ	--	10
920.	1989 -- Feb 19, Las Vegas Flyers Cessna 402 crash, Santa Ana Mts. ~Corona, CA	--	10
921.	1989 -- Sep 27, Grand Canyon Airlines Flight 5 (sightseeing) Crash, Tusayan, AZ	--	10
922.	1991 -- Mar 16, Reba McEntire band charter plane crash, Otay Mt. ~San Diego, CA	--	10
923.	1992 -- June 19, Adventure Air Crash, Grand Canyon sightseeing, ~Meadview, AZ	--	10
924.	1994 -- Jan 5, Kimura International Air (charter) crash, near Fort Drum, FL	--	10
925.	1996 -- Nov 22, USAF Hercules Engine Loss/Crash, Pacific ~Cape Mendocino, CA	--	10
926.	1999 -- July 31, Takeoff crash/Parahawks Skydiving Center plane, Marine City, MI	--	10
927.	1999 -- Sep 25, Big Island Air Piper Crash (N411WL) Kailua Kona, HI	--	10
928.	2001 -- Jan 27, Charter Plane Crash, OK St Univ. Basketball Members, Strasburg, CO	--	10
929.	2001 -- Oct 10, PenAir flight 350 crash after takeoff (wing icing), Dillingham, AK	--	10
930.	2002 -- Aug 7, Plane Crash, USAF Combat Talon II, Caguas, Puerto Rico	--	10
931.	2004 -- Oct 24, Hendrick Motorsports N501RH Crash, Martinsville, VA	--	10
932.	2007 -- Oct 7, Plane crash, Kapowsin Air Sports (skydiving), near Naches, WA	--	10
933.	2008 -- Aug 22, Red Canyon Aesthetics/Medical Spa Plane Crash, near Moab, UT	--	10
934.	2013 -- July 07, Rediske Air-Taxi Crash, de Havilland DHC3 Otter, Soldotna, AK	--	10

OTHER (Fewer than ten fatalities):

1930 --	Apr 27, Plane Buzzes Spectators, Crashes at Air Show near Fayetteville, TN	--	9
1944 --	Apr 19, USN Airship K-133, Houma NAS, LA, downs in T-storm, Gulf of MX	--	9
1948 --	Jan 30, USAF B-17 Crash, Cheval Blanc Mountain, Southern France	--	9
1954 --	Dec 29, Plane rear-door fails/crash, USAF C119, Shin Point ~New Hope, AL	--	9
1959 --	May 11, Plane Crash, USN P2V, Whidbey Island Naval Air Station, WA	--	9
1963 --	Dec 23, USAF B-52 Stratofortress Crash after takeoff, Columbus AFB, MS	--	9

⁷⁷ Cross-listed in Fog as a Contributing Factor.

1975 -- Jan 09, USAF T29D and Cessna Collide 4 miles west of Newport News, VA	--	9
1982 -- Aug 31, USAF C-141 transport plane crash, John's Knob, Cherokee Nat., TN	--	9
1987 -- March 4, Northwest AirlinK Crash, Detroit/Wayne County Airport, Romulus, MI	--	9
1996 -- Aug 17, USAF C-130 Crash, Presidential support mission, ~Jackson Hole, WY	--	9
2009 -- Aug 09, Private Plane/Helicopter Collision, Hudson River, off Hoboken, NJ	--	9
2009 -- Oct 29, USMC Helicopter/USCG C-130 Col. ~San Clemente Island, CA	--	9
2015 -- June 25, Plane Crash, Cruise Ship Passengers, ~25M from Ketchikan, SE AK	--	9
2015 -- Nov 10, Company jet crash into apt. bldg. on airport approach, Akron, OH	--	9
2018 -- May 2, Puerto Rico Air National Guard C-130 plane crash near Savannah, GA	--	9

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

1929 -- Sep 3, 1 st US Lightning-Strike Plane Crash, Transcontinental Air, Mt. Taylor, NM--	8
1957 -- Jan 31, Midair Collision, DC-7 / USAF Scorpion, Sunland, CA	-- 8
1973 -- Feb 26, Lear Jet/Bird Strike, Peachtree-Dekalb AP, Atlanta, GA	-- 8
1978 -- Sep 08, USAF C130 Crash into mountain, ~8 miles N of Little Rock AFB, AR	-- 8
1982 -- Sep 11, USAF Chinook Crash, Airshow, ~Mannheim, Germany	--46, U.S. 7-8
1986 -- Aug 29, USN CH-46 Helicopter Crash, Carrier USS <i>Saipan</i> off Bodoe, Norway	-- 8
1995 -- Apr 17, Plane Crash, USAAF C-21 Learjet, near Alexander City Airport, AL	-- 8
2009 -- Jan 4, Sikorsky Helicopter hits hawk after takeoff, crashes ~Morgan City, LA	-- 8
1943 -- Jan 01~, Navy PBY Flying Boat sinks off Coos Bay, OR	-- 7
1946 -- Aug 9, USAF A-26 Bombers Collide, No. Montana State Fair, Great Falls	-- 7
1959 -- July 22, Plane Explosion and Crash, USAF KC-97, near East Andover, NH	-- 7
1978 -- Sep 04, Hughes 269C Helicopter Crashes into Churchyard Festival, Derry, PA	-- 7
1985 -- Dec 31, Century Equip. C-47 Plane Fire/Crash (Ricky Nelson), ~DeKalb, TX	-- 7
1986 -- Jan 28, <i>Challenger</i> Space Shuttle Break-up (O-Ring) Cape Canaveral, FL	-- 7
1991 -- Feb 3, Cessna 182 Parachute Plane collides with private plane, Osceola, WI	-- 7
1991 -- Apr 4, Plane/Helicopter Collision (Sen. Heinz Crash), Merion, PA (~Philly)	-- 7
2003 -- Feb 01, Columbia Space Shuttle Re-entry Break-up over TX	-- 7
1922 -- Sep 23, US Bomber Crashes, "Flying Circus", Mitchel Field, Mineola, NY	-- 6
1940 -- Oct 20, Plane Catches Parachute's Shrouds, Crashes, Marianna Airshow, AR	-- 6
1942 -- May 24, USAAF Transport Plane Crashes in swamp near Howe Brook, ME	-- 6
1957 -- Apr 12, U.S. Navy Neptune VP26 Bomber Crashes, Brunswick, ME	-- 6
1962 -- May 09 USAF KC-135A Stratotanker Engine Failure, Crash, Loring, AFB, ME	-- 6
1962 -- May 27, Dover AFB USAF C133 Cargomaster Crash, Atlantic off Dover, DE	-- 6
1983 -- Jul 10/11, US Army CH-47 Chinook Helicopter Crash, South Fox Island, MI	-- 6
1988 -- Jun 08, Air Nat. Guard C-130 Crash, touch-and-go-landing, Greenville, MS	-- 6
1992 -- Oct 7, WV Air National Guard C-130 Crash, Berkeley Springs, WV	-- 6
1996 -- June 18, Army transport helicopters collide and crash, Fort Campbell, KY	-- 6
2011 -- Nov 23, Ponderosa Aviation Inc. Small Plane Crash, Superstition Mts., AZ	-- 6
1921 -- Mar 23, USN Free Balloon from NAS Pensacola, FL downs in Gulf of Mexico	-- 5
1945 -- May 27, Plane Crash debris hits car, USAAF Show, Wright Field, Dayton, OH	-- 5
1952 -- Apr 14, USN P2V Ventura Patrol Bomber Crash, Brunswick NAS, ME	-- 5

AVIATION Disasters – Deadliest American -- Master Set -- By MORTALITY (Cont.)

1972 -- Feb 19, USAF C-130 and T-37 Planes Collide, NE of Little Rock AFB, AR	--	5
1978 -- Dec 10, USAF C-130 Hercules Plane Crash, landing phase, Ft. Campbell, KY	--	5
1989 -- Dec 01, Plane Crash, US Army CASA 212, Patuxent River NAS, MD	--	5
1996 -- Mar 07, US Army Chinook from Fort Campbell Crashes near Olmstead, KY	--	5
2008 -- Mar 04, Cessna 500 Crash/Birds, ~Wiley Post AP, OK City, OK	--	5
1949 -- Sep 05, P-51 Mustang Plane Crash, Cleveland Air Races, OH	--	3
1987 -- Sep 28, Bird Strike and Plane Crash, USAF B1-B, La Junta, CO	--	3
2007 -- Oct 23, Piper 44 Bird Strike, Minneapolis to Grand Forks, ND	--	2
1912 -- Apr 3, 1 st Recorded Plane Fatality Due to Bird Strike, C.P. Rogers	--	1
1936 -- July 25, Seaman Gladstone thrown from plane, bird collision-prevention maneuver--		1
1992 -- May 28, U.S. Marine Corps Hornet Crash due to birdstrike, near Gainesville, FL	--	1

AVIATION DISASTERS⁷⁸ -- Deadliest American -- CHRONOLOGICAL

1. 1919 -- July 21, Goodrich Dirigible Airship "Wing Foot" Crash, IL Bank, Chicago IL-12-13

- 1921 -- Mar 23, USN Free Balloon from NAS Pensacola, FL downs in Gulf of Mexico-- 5
2. 1922 -- Feb 21, Dirigible Airship *Roma* Crashes, Hampton Roads Naval Base, VA -- 34
- 1922 -- Sep 23, US Bomber Crashes, "Flying Circus", Mitchel Field, Mineola, NY -- 6
3. 1925 -- Sep 3, Navy Dirigible Airship *Shenandoah* Crash, Noble County, Ohio -- 14
4. 1929 -- Mar 17, Colonial Western Airways Tri-Motor Crash, sightseeing, Newark NJ -- 14

5. 1930 -- Jan 2, Motion Picture Private Planes Collide, Santa Monica, CA -- 10
6. 1930 -- Jan 19, Transcontinental Air Transport # 7 Crash, Oceanside, CA -- 16
- 1930 -- Apr 27, Plane Buzzes Spectators, Crashes at Air Show near Fayetteville, TN -- 9

7. 1933 -- Mar 25, Varney Speed (Air) Lines Crash, San Leandro, CA -- 14
8. 1933 -- Apr 04, Dirigible Airship Crash, USS *Akron* (Navy ZRS-4), off Coast of NJ⁷⁹ -- 75
9. 1933 -- Jun 11, Chicago Exposition Sightseeing Plane Crash, near Glenview, IL -- 9-10
10. 1933 -- Oct 10, United Airlines Bombing/Sabotage, Chesterton, IN -- 10

11. 1935 -- Oct 07, United Airlines Airport Approach Crash, Cheyenne, WY -- 12

12. 1936 -- Jan 14, American Airlines Douglas DC-2 Crash, Goodwin, AR -- 17
13. 1936 -- April 7, TWA Flight No. 1 Crash into Mt., Fairchance, PA (Southwest PA) -- 12
14. 1936 -- Sep 5, Skyways Sight-seeing Plane Crash, Buttermilk Hollow, PA ~Pittsburgh-- 10
15. 1936 -- Dec 19, Eastern Air NC13732 Crash, Milford, PA -- 14
16. 1936 -- Dec 27, United Air 34 Crash, Rice Canyon, Newhall, CA -- 12

17. 1937 -- Feb 09, United Air Flight 23 Crash, San Francisco Bay, CA -- 11
18. 1937 -- Mar 25, Inflight Icing, Crash, TWA NC13730, Clifton (~Pittsburgh), PA -- 13
19. 1937 -- May 6, Deutsche Zeppelin Hindenburg Air Crash, Lakehurst, NJ -- 36
20. 1937 -- Oct 17, United Airlines Transport Crash, Humpy Ridge, UT -- 19

21. 1938 -- Jan 10, Northwest Airlines Plane Crash, Bridger Canyon, MT -- 10
22. 1938 -- Feb 02, Mid-Air Collision, Two Navy PBY-2 Bombers, off S. CA -- 11
23. 1938 -- Mar 30, War games, 2 USN Consolidated patrol bombers crash, off Oahu, HI -- 11
24. 1938 -- May 24, United Air Flight 9 Fire and Crash, near Cleveland, OH -- 10
25. 1938 -- Jul 29, Pan Am Air's "Hawaii Clipper" out of Alameda CA, lost, Pacific -- 15

26. 1939 -- Mar 18, Boeing Stratoliner test flight Crash, near Adler, Mt. Rainier, WA -- 10
27. 1939 -- Aug 11, Two USAAF Plane Crashes, Langley Field VA (9); Miramar CA (2) -- 11

28. 1940 -- Jun 17, Two USAAF Bombers Collide/Crash, Bellerose Manor, Queens, NY -- 12
29. 1940 -- Aug 31, Pennsylvania Central NC21789 Crash, Lovettsville, VA -- 25
- 1940 -- Oct 20, Plane Catches Parachute's Shrouds, Crashes, Marianna Airshow, AR -- 6

⁷⁸ With a few notable exceptions have not included US General Aviation or Military aviation disasters overseas.

⁷⁹ 73 fatalities on the Akron and 2 fatalities from rescue attempt, crew of airship J-3.

30. 1940 -- Nov 4, United Air NC16086 Crash, Centerville, UT -- 10
 31. 1940 -- Dec 4, United Airlines DC-3 (NC25678) Crash, Chicago, IL -- 10

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

32. 1941 -- Jan 04, USN Transport *R2D-1* Landing Crash, San Diego, CA -- 11
 33. 1941 -- Oct 30, American Air #1 Crashes, NYC to Chicago, St. Thomas, Ont. Can. -- 20
 34. 1941 -- Oct 30, Northwest Airlines DC-3 Crash, Moorhead, MN⁸⁰ -- 14
 35. 1941 -- Nov 2, US Naval Patrol “Flying Boat” Crashes, mountain ~Krisuvik, Iceland -- 12
 36. 1941 -- Dec 30, 3 USAAF Planes Crash in CA; near Allensworth, Keller Peak, Oakland-- 11
37. 1942 -- Jan 14, Five USAAF Planes Crash, AL, ID, NH, TX, VA -- 15
 38. 1942 -- Jan 16, TWA Flight 3 Hits Potosi Peak, Carole Lombard killed, NV -- 22
 39. 1942 -- Jan 17, 3 USAAF Crashes, Riverside CA, Pendleton Field OR, Curtis Field TX-- 10
 40. 1942 -- Feb 04, USAAF Planes Crash, Lake Tahoe NV, Brooks Field TX, Trinity Ctr CA--10
 41. 1942 -- Feb 11, Four USAAF Planes Crash, Taft, Lemoore CA, Granby CT, WA -- 13
 42. 1942 -- Feb 20, Seven U.S. Military Planes Crash, CA, Wash. DC, TX (2), WA (2) -- 13
 43. 1942 -- Mar 05, 2 USAAF Plane Crashes, St. Lucie Riv., Port Sewall, FL; off NC/VA-- 15
 44. 1942 -- Mar 15, Army AF B-17 Flies into Mountain near Pendleton, OR -- 10
 45. 1942 -- Mar 18 Eleven USAAF Planes Crash, CA (5), OH (4), TX, WV -- 11
 46. 1942 -- Apr 02, Six USAAF Planes Crash, AR, CA, GA (2), TX, WA -- 12
 47. 1942 -- Apr 03, Seven USAAF Planes Crash, ID, LA, NC, RI, SC, TX -- 20
 48. 1942 -- Apr 05, Plane Crash, USAAF B-17 Flying Fortress, Oahu, HI -- 10
 49. 1942 -- Apr 12, Two U.S. Navy Bombers Crash near Livermore, CA -- 14
 50. 1942 -- Apr 16, Two USAAF Planes Crash, Chesapeake Bay; MacDill Field, FL -- 10
 51. 1942 -- Apr 29, Four USAAF Planes Crash -- Kodiak, AK; Smyer, TX; Orlando, FL -- 15
 52. 1942 -- May 01, United Air NC18146 Crash, Salt Lake City, UT -- 17
 53. 1942 -- May 03, 3 USAAF Crashes Or/WA, Meacham, Pleasant Val., OR; McChord Field, WA--17
 54. 1942 -- May 06, Army AF B-17 Disappears, Training Flight, Gulf of Mexico -- 10
 55. 1942 -- May 12, 6 Planes Crash/Collide, IL (2), OK (4 planes, 7 dead), WA (5 dead) -- 14
 56. 1942 -- May 15, Four USAAF Crashes, CA (2), ~Wendover Field, UT, ~Mason, TX -- 10
 1942 -- May 24, USAAF Transport Plane Crashes in swamp near Howe Brook, ME -- 6
 57. 1942 -- June 01, Planes Crash, Two USAAF (MD and PA) and one US Navy (CA) -- 9-10
 58. 1942 -- June 04, US Army AF LB-30 Crash, near Hamilton Field, CA -- 14
 59. 1942 -- June 05, Plane Lost, USN PBY-5A #05023, NAS Pensacola to Gulf -- 10
 60. 1942 -- June 08, USN Airships Collide, *Defender/G-1*, Ocean, ~Lakehurst, NJ -- 12
 61. 1942 -- July 01, US Army AF Douglas C-49E Crash, Near Premier, WV -- 21
 62. 1942 -- July 18, U.S. Army Air Force B-17 Crash, North Reading, MA -- 10
 63. 1942 -- July 30, USAAF C-73 Takeoff Crash, Minneapolis, MN -- 10
 64. 1942 -- Aug 15, US Army AF C-53 Crash, near Garnet Peak, Peru, MA -- 16
 65. 1942 -- Aug 19, USN Plane hits tugboat, Coco Solo Navy Base, Panama Canal Zone --12-14
 66. 1942 -- Sep 11, P-40 Warhawk Plane Crash, Curtiss-Wright Plant, near Buffalo, NY -- 14
 67. 1942 -- Sep 11, U.S. Army Air Force B-24 Crash, Mt. Baldy, AZ -- 10
 68. 1942 -- Sep 22, Eight USAAF Planes Crash or Collide, CT, FL (3), GA, ME (2), PA -- 25
 69. 1942 -- Oct 01, USAAF C-39 Transport Plane Crashes near Caomo, Puerto Rico -- 22

⁸⁰ Was attempting Fargo, ND landing – went down just north of the Moorhead, MN city limits.

70.	1942 -- Oct 03, USN Sikorsky Flying Boat <i>Excalibur</i> Crashes, Botwood, NFLD, Can.--	11
71.	1942 -- Oct 17, US Army Air Force B-17 Crash, Sierra Grande Mt., NM	-- 11
72.	1942 -- Oct 23, American Air/U.S. Army B-4 Bomber, Palm Springs, CA	-- 12
73.	1942 -- Nov 11, USN Patrol Plane (Banana River NAS) Crash 5M off Melbourne FL	-- 9-11
74.	1942 -- Nov 30, US Army AF B-17 Crash, near Sioux City, IA	-- 10
75.	1942 -- Dec 02, U.S. Army Air Force B-17 Crash near Grace, ID	-- 10
76.	1942 -- Dec 05, USAAF C-47 Approach Crash, ~Maxwell Field, Montgomery, AL	-- 12
77.	1942 -- Dec 15, Western Airlines NC16060 Crash. Fairfield, UT	-- 17
78.	1942 -- Dec 30, U.S. Army Air Force B-17 Crash, Musselshell, MT	-- 12

AVIATION Disasters -- Master Set— Deadliest American – CHRONOLOGICAL

79.	1943 -- Jan 02, U.S. Army Air Force B-17 Crash, Elko, NV	-- 10
80.	1943 -- Jan 06, U.S. Army Air Force B-24 Crash, Madill, OK	-- 10
81.	1943 -- Jan 06, U.S. Army Air Force B-24 Crash, White City, KS	-- 11
82.	1943 -- Jan 12, U.S. Army Air Force B-24 Crash, Alamogordo, NM	-- 10
83.	1943 -- Jan 15, U.S. Army Air Force B-17 Crash, Gowen Field, ID	-- 10
84.	1943 -- Jan 15, USAAF C-54 (TWA Contract), Crash, Dutch Guiana [Suriname]	-- 35
85.	1943 -- Jan 17, U.S. Army Air Force B-24 Crash, Alamogordo, NM	-- 11
86.	1943 -- Jan 18, U.S. Army Air Force B-24 Crash, Bassett Peak, AZ	-- 11
87.	1943 -- Jan 21, Pan Am 1104 (USN Transport) Crashes, Mt. ~Boonville & Ukiah CA	-- 19
88.	1943 -- Jan 24, U.S. Army AF B-24 Crash, White Sands Nat. Mon. NM	-- 11
89.	1943 -- Jan 24, U.S. Army AF B-24 Crash, Ruidoso, NM	-- 10
90.	1943 -- Jan 24, U.S. Army AF B-17 Crash, near Ordway, CO	-- 10
91.	1943 -- Jan 25, U.S. Army Air Force B-17 Crash, New Albany, OH	-- 12
92.	1943 -- Jan 26, US Army AF B-23 Dragon Crash, Flomaton, AL	-- 10
93.	1943 -- Jan 31, USAF Consolidated Liberator Crash, Tucson, AZ	-- 11
94.	1943 -- Feb 05, Mid-air Collision, 2 USAAF B-25 Bombers, Newberry, SC	-- 14
95.	1943 -- Feb 11, Army Bomber Crashes, Near Wala-Wala, WA	-- 10
96.	1943 -- Feb 17, U.S. Army Air Force B-17 Crash, near Huron, SD	-- 12
97.	1943 -- Feb 18, Boeing XB-29 Crash into Frye Packing Plant, Fire, Seattle, WA ⁸¹	--32-34
98.	1943 -- Feb 25, U.S. Army AF B-17 Crash, near Glenrock, WY	-- 10
99.	1943 -- Feb 26, U.S. Army AF B-17 Crash, Biggs Field, El Paso, TX	-- 10
100.	1943 -- Feb 28, USAAF B-26 Bombers (2), Mid-Air Collision, Avon Park, FL	-- 11
101.	1943 -- Mar 22, Plane Crash, USAAF, Army Air Field, Harlingen, TX	-- 10
102.	1943 -- Mar 27, USAAF C-47 explosion, structural failure, crash, Oliver Springs, TN--	11
103.	1943 -- Mar 29, USAF B-17 42-5313 Crash, Ephrata AFB, WA	-- 11
104.	1943 -- Apr 12, Plane Crash, USAAF ~Davis-Monthan Field, Tucson, AZ	-- 10
105.	1943 -- Apr 15, Crash, USAAF, Buckingham Army Air Field, Fort Myers FL	-- 11
106.	1943 -- Apr 21, Crash, USAAF B-24 ~210 miles off Virginia Beach, VA	-- 10
107.	1943 -- Apr 21, Crash, USAAF C-69A, Evansville Municipal Airport, IN	-- 10
108.	1943 -- Apr 23, USAAF, B26's Collide, Army Air Base, Venice, FL	-- 13

⁸¹ Cross-listed in Fire-Structural.

109. 1943 -- Apr 26, USAAF B-24D Plane Crash, near Ballinger, TX -- 10
 110. 1943 -- Apr 29, USAAF B-24 Lost, Hamilton Field, CA to Hickam Field, HI -- 10

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

111. 1943 -- May 07, USAAF B-17F Plane Crash, Army Air Base, Dalhart, TX -- 11
 112. 1943 -- May 08, USAAF C-47 Plane Crash, near Tinker Field, Oklahoma City, OK -- 15
 113. 1943 -- May 13, USAAF B-24's Collide, near Biggs Field, El Paso, TX -- 15
 114. 1943 -- May 15, USAAF C-47 Plane Crash in Fog, Ginger Cake Mountain, NC⁸² -- 18
 115. 1943 -- May 16, Runway Collision, B-17's, Ephrata Army Air Base, WA -- 10
 116. 1943 -- May 20, USAAF B-24E Plane Hits Natural Gas Tank, Fog, Chicago IL⁸³ -- 12
 117. 1943 -- May 22, USAAF B-17 Plane Crash, Army Air Base, Rapid City, SD -- 11
 118. 1943 -- May 23, USAAF B-17F Plane Crash,, Yellowstone National Park, MT -- 10
 119. 1943 -- May 29, USAAF B-24 Plane Lost, Pacific Ocean off Coast of CA -- 10
 120. 1943 -- May 31, USAAF C-67 Plane Crash, Smith Creek Valley, NV -- 11
121. 1943 -- June 13, Two USAAF B-17F Bombers Collide near Fedora, SD --10-11
 122. 1943 -- June 15, USAAF B-24E's Collide, near Ruidoso, NM -- 19
 123. 1943 -- June 25, USN Plane Crash, St. John River near Green Cove Springs, FL -- 13
 124. 1943 -- June 26, Six USAAF Plane Crashes/Collisions, CA (2), FL (2), ME, SC -- 16
 125. 1943 -- June 28/29, USAAF Plane Crash, Big Horn Mts., Cloud Peak, WY -- 10
 126. 1943 -- June 29, USAAF B-24E Plane Crash, Alamogordo Army Air Base, NM -- 10
127. 1943 -- July 02, USN VF-5 Plane Crash, Table Top Mt. ~NAS Dutch Harbor, AK --10-11
 128. 1943 -- July 03, USAAF B-17F Plane Crash, White City, KS -- 10
 129. 1943 -- July 05, USAAF B-24E Plane Crash, fog, Green Mt., San Miguel Island, CA-- 12
 130. 1943 -- July 07, USN PB4Y1 Liberator Plane Crash, off NAS Barbers Pt., Oahu, HI-- 11
 131. 1943 -- July 15, USAAF B24D sea crash at end of runway, Castle Harbour, Bermuda-- 11
 132. 1943 -- July 19, Plane Crash, USAAF C-53D, near Malcolm and Lincoln, NE -- 13
 133. 1943 -- July 19, USAFF B-24E Crash, Taylor Canyon, 27 mi NE of Gunnison, CO -- 11
 134. 1943 -- July 21, USAAF B-26C's Collide, near Parrish, FL -- 10
 135. 1943 -- July 24, USAAF B-17A Plane Crash, near Army Air Base, Ephrata, WA -- 13
 136. 1943 -- July 28, American Air Flight 63 Plane Crash near Trammel, KY -- 20
 137. 1943 -- July 28, USAAF B-24E Structural Failure/Crash, Adena, CO -- 12
 138. 1943 -- July 28, USAAF B-24E Plane Crash, 12 mi. N Biggs Field, El Paso, TX -- 11
139. 1943 -- Aug 01, US Army Air Force CG-4 Glider Demo Flight Crash, St. Louis, MO-- 10
 140. 1943 -- Aug 09, U.S. Navy bomber Crashes into bus, Pearl Harbor Navy Yard, HI -- 11
 141. 1943 -- Aug 10, Two Walla Walla USAAF bombers crash, ~Cecil, OR, Paterson, WA-- 15
 142. 1943 -- Aug 12, Plane Crash, USAAF B-24A, near Indio, CA -- 10
 143. 1943 -- Aug 14, USAAF B-24E Plane Crash, Shoshone Nat. Forest, ~Dubois, WY -- 11
 144. 1943 -- Aug 14, Plane Crash, USAAF B-24E, near Ellsworth, KS -- 11
 145. 1943 -- Aug 16, Plane Crash, USAAF B-24E, near Pueblo, CO -- 10
 146. 1943 -- Aug 16, U.S. Army AF B-24E Plane Crash, Gowen Field, Boise, ID -- 10

⁸² Cross-listed under Fog as contributing condition.

⁸³ Cross-listed in Fog as a Contributing Factor.

147.	1943 -- Aug 18, U.S. AAF B24 Crash, Gulf of Mexico, off Corpus Christi, TX	--	10
148.	1943 -- Aug 18, U.S. Army Air Force B-24E Plane Crash, Otero County, NM	--	12
149.	1943 -- Aug 18, USN Patrol Plane, VP-210, Crashes off Montauk Pt. Long Is., NY	--	12
150.	1943 -- Aug 24, USAAF B-17 Crash, Gibson Ranch, near Dovetail & Winnett, MT	--	11
151.	1943 -- Aug 27, USAAF B-24 Crash, Cheyenne Mt., ~Peterson Field, CO	--	10
152.	1943 -- Aug 28, 3 USAAF Planes Collide, , near Army Air Base, Harvard, NE	--	14
153.	1943 -- Aug 29, Plane Crash, USAAF B-24E, near Wendover Field, UT	--	10

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

154.	1943 -- Sep 01, Explosion/Crash, USAAF B-17F, ~ Fort Benton, MT	--	10
155.	1943 -- Sep 02, Crash, USAAF B-24E, near Army Air Base, Sioux City, IA	--	10
156.	1943 -- Sep 05, Plane Crash, USAAF B-17F, Lake Cormorant, MS	--	10
157.	1943 -- Sep 05, US Army AF Skytrooper Crashes near Sedalia MO	--	11
158.	1943 -- Sep 06, Plane Crash, USAAF B-17F, near Rapid City, SD	--	10
159.	1943 -- Sep 10, Mid-Air Collision, 2 USAAF B-17's, off Galveston, TX	--	22
160.	1943 -- Sep 20, Transport Crash, Laurinburg-Maxton Army Air Base, NC	--	25
161.	1943 -- Sep 22, Plane Crash, USAAF C-53, near Calcutta, India	--	20
162.	1943 -- Sep 22, Plane Crash, USAAF B-24D, near Waldo, KS	--	11
163.	1943 -- Sep 28, Plane Crash, USAAF B-24H, near Fountain, CO	--	11
164.	1943 -- Sep 30, USAAF B-24H, Plane Crash, near Villa Santa Maria Del Norte, CO--		11
165.	1943 -- Oct 01, Plane Crash, U.S. Army Air Force, B-24D, Elk, CA	--	10
166.	1943 -- Oct 03, Crash, USAAF B-17F, Army Air Field, Brooksville, FL	--	11
167.	1943 -- Oct 04, Crash, USAAF, B-24D, Army Air Base, Blythe, CA	--	10
168.	1943 -- Oct 06, Lost, USAAF, B-24D, Pacific Ocean off N. CA/OR	--	10
169.	1943 -- Oct 14, Plane Crash, USAAF, B-24D, Neighbours, CA	--	10
170.	1943 -- Oct 15, Crash, USAAF B-24E near Army Air Base, Blythe, CA	--	10
171.	1943 -- Oct 15, American Airlines Flight #63 Crashes near Centerville, TN	--	11-15
172.	1943 -- Oct 22, US Army Air Force C-47 Crash, Lawson Field, Ft. Benning, GA	--	20
173.	1943 -- Oct 22, Crash, USAAF B-17, Arkansas River, near Ponca City, OK	--	14
174.	1943 -- Oct 24, Crash, USAAF, Smokey Hill Army Air Field, Salina, KS	--	10
175.	1943 -- Oct 25, Two USAAF B-24H Planes Collide, near Milligan, NE	--	17
176.	1943 -- Oct 29, Crash, USAAF B-24, Atlantic off West Palm Beach, FL	--	14
177.	1943 -- Oct 29, USAAF C-47 Crashes at Hoffman-Mackall AAF, NC	--	14
178.	1943 -- Oct 29, Crash, USAAF B-24E, Cucamonga Peak, Fontana, CA	--	10
179.	1943 -- Nov 03, Plane Crash, US Army AF, B-24J, near Pueblo, CO	--	10
180.	1943 -- Nov 18, Crash, U.S. Army AF, B-24J, near Melrose, NM	--	12
181.	1943 -- Nov 18, USN Transport Plane Crash, 30mi. E of Rio De Janeiro, Brazil	--	17 of 18
182.	1943 -- Nov 19, Crash, USAAF B-17F, near Thonotosassa, FL	--	10
183.	1943 -- Nov 25, USAAF B-24E's Collide, ~ Army Air Field, Liberal, KS	--	11
184.	1943 -- Dec 04, B-24 Bomber Crash, near Elverson, PA (near Reading, PA)	--	9-10
185.	1943 -- Dec 7, Navy planes collide, bomb falls, Marines on ground die, Maui, HI ⁸⁴	--	20-22

⁸⁴ Cross-listed under Explosions.

186.	1943 -- Dec 13, USAAF B-17F Plane Crash, near Rosebud, SD	--	10
187.	1943 -- Dec 13, USN PBM-3S, VP-213, BuNo 48126 Lost on Patrol off NC Coast	--	18
188.	1943 -- Dec 14, USAAF B-24J Plane Crash, near Omaha, NE	--	16
189.	1943 -- Dec 15, Plane Crash, USAAF, B-17, Army Air Base, Ardmore, OK	--	12
190.	1943 -- Dec 19, Two USAAF B-24s Crash -- near Sausalito, CA and near Burley, ID--		17
191.	1943 -- Dec 22, Crash, USAAF B-24, ~Morrison Field, West Palm Beach FL	--	14
192.	1943 -- Dec 29, Mid-Air Collision 2 USAAF B-24's, Near Lakeside, UT	--	25

AVIATION Disasters -- Master Set— Deadliest American – CHRONOLOGICAL (Con't)

193.	1944 -- Jan 02, Breakup, USAAF B-17G, McClellan Field, Sacramento, CA	--	13
194.	1944 -- Jan 03, Plane Crash, USAAF B-24J, 25 miles SE of Muroc, CA	--	10
195.	1944 -- Jan 13, Crash, USAAF B-17, near Army Air Field, Fort Worth, TX	--	10
196.	1944 -- Jan 20, USN PB4Y-1 Liberator 32163 Crash after takeoff, Camp Kearny, CA--		13
197.	1944 -- Jan 22, Collision, USAAF, Gulf of Mexico, near Little Marco Pass, FL	--	10
198.	1944 -- Jan 24, Mid-Air Collision, USAAF C-60/AT-7, near Farmersville, LA	--	10
199.	1944 -- Jan 26, Navy Patrol Plane Crashes, Key West Naval Patrol Station, FL	--	11-12
200.	1944 -- Feb 03, Mid-Air Collision, USAAF B-26B's, near Garland, AR	--	13
201.	1944 -- Feb 07, Two USAAF Planes Crash, Parkton, NC, Wendover Field, UT	--	13
202.	1944 -- Feb 10, American Air Flight 2 Crash, Mississippi River, Memphis, TN	--	24
203.	1944 -- Feb 12, USAAF B-25's Collide, ~ Army Air Base Greenville, SC	--	19
204.	1944 -- Feb 12, Two USAAF B-17's Collide, one Crashes, Mill Creek, OK	--	10
205.	1944 -- Feb 16, US Army Air Force B-17F Plane Crash, Wimauma, FL	--	12
206.	1944 -- Feb 16, USN Air Transport Unit Flight Missing, NAS Seattle to Kodiak, AK--		14
207.	1944 -- Feb 18, USAAF B-24's Collide, near Williams Field, AZ	--	17
208.	1944 -- Feb 22, Crash, USAAF, B-17F, Kittatinny Mt., Warren Ct., NJ	--	12
209.	1944 -- Feb 23, USN North Amer. PBJ-1D Mitchell Bombers Collide ~Bern, NC	--	10
210.	1944 -- Feb 25, USAAF Planes Collide, Army Air Field, Las Vegas, NV	--	12
211.	1944 -- Feb 26, Plane Lost, USAAF, B-24E, Atlantic Ocean, off SE Coast	--	10
212.	1944 -- Feb 26, Plane Crash, USAAF, B-17, near Palmer Lake, CO	--	10
213.	1944 -- Mar 03, USAAF B26s Collide, ~ Barksdale Field, Shreveport, LA	--	12
214.	1944 -- Mar 05, USAAF B24 Explodes/Cashes, Atlantic Ocean, off FL	--	12
215.	1944 -- Mar 06, Plane Crash, USAAF B17G, near Maxwell, IA	--	10
216.	1944 -- Mar 15, USAAF Bomber Crashes, Bull Mountain, ~Stuart, southwest VA	--	11
217.	1944 -- Mar 18, Crash, USAAF B24H, ~Davis-Monthan Field, Tucson, AZ	--	10
218.	1944 -- Mar 20, Crash, USAAF, RB-24E, near Biggs Field, El Paso, TX	--	10
219.	1944 -- Mar 26, Crash, USAAF, B-24, ~Naval Air Station, Melbourne, FL	--	10
220.	1944 -- Apr 07, USAAF B-24H Lost, Atlantic Ocean, off coast of MA	--	11
221.	1944 -- Apr 09, USAAF B-24D Crash, ~ USMC Air Station, Mojave, CA	--	10
222.	1944 -- Apr 11, US Navy War Eagles VP-16 Orion Crashes east of Columbus, NM	--	12
	1944 -- Apr 19, USN Airship K-133, Houma NAS, LA, downs in T-storm, Gulf of MX--		9
223.	1944 -- Apr 24, Plane Crash, USAAF B-24H, near Epsom, NH	--	10
224.	1944 -- Apr 24, USAAF B-17G Crash, ~ Ardmore Army Air Field, OK	--	11

225. 1944 -- Apr 25, USAAF B-24's Collide, near Yuma Army Air Field, AZ -- 12
 226. 1944 -- Apr 28, Navy R4D Transport Plane Crashes, Anderson Mesa, northern AZ -- 19
 227. 1944 -- Apr 29, USAAF RB-24E Liberator Bomber Plane Crash, near Merna, NE -- 10

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228. 1944 -- May 05 USAAF Crash, out of Hickam Field HI, Aiea Ridge, Oahu, HI -- 10
 229. 1944 -- May 10, USAAF Plane Crash, near Biggs Field, El Paso, TX -- 10
 230. 1944 -- May 16, Dirigible Airship K-5 Crash, Lakehurst NAS, NJ -- 10
 231. 1944 -- May 18, USAAF B-17 Crash, near Rapid City Army Air Base, SD -- 10
 232. 1944 -- May 19, USN 32226 PB4Y-1 Liberator Plane Crash ~MCAS Cherry Point, NC--13
 233. 1944 -- May 26, USAAF B-17G Plane Crash, Ronald Horn farm, near Anthon, IA --10-11
 234. 1944 -- May 27, USAAF B-24J Crash, Westover Field, Chicopee, MA -- 10
 235. 1944 -- May 29, Plane Crash, USAAF B-17G, near Ridgely, TN -- 10
 236. 1944 -- May 30, USN PB4Y and F4F Collide, Palomar Mt., San Diego County, CA -- 12
 237. 1944 -- May 30, USN PB4Y1 Liberator Emer. Lndg. Crash, NAAS Chincoteague, VA-- 11
238. 1944 -- Jun 06, USN PB4Y-1 Takeoff Crash into building, Camp Kearney, CA --17-18
 239. 1944 -- Jun 07, USAAF B-24J Plane Crash, near Chappell, NE -- 10
 240. 1944 -- Jun 08, USAAF Bombers Collide, Homes Burn, Kill Civilians, Honolulu, HI-- 14
 241. 1944 -- Jun 13, USAAF B-24E Bomber Crash, Green Knob Mt., near Asheville, NC-- 10
 242. 1944 -- Jun 20, USAAF B-24J Lost, Atlantic Ocean, off Southeast Coast -- 10
 243. 1944 -- Jun 22, USAAF B-24J Crash, ~Walla Walls Army Air Field, WA -- 10
 244. 1944 -- Jun 29, USAAF B-24D Plane Crash, near Tobe, CO -- 10
 245. 1944 -- Jun 30, USAAF B-24J Plane Lost, off Myrtle Beach, SC -- 10
246. 1944 -- July 02, USAAF B-29 Breaks-up/Storm/Crashes, near Harmon, OK -- 11
 247. 1944 -- July 04, USAAF B-24J Planes Collide, near Palm Springs, CA -- 10
 248. 1944 -- July 11, USAAF B-17G Crash, Deer Mountain near Rangeley, ME -- 10
 249. 1944 -- July 11, Mil. Plane Crash/Fire/Fog, Trailer Camp, South Portland, ME⁸⁵ -- 19
 250. 1944 -- July 19, USAAF Consolidated Liberator Crash, Touchet, WA -- 12
 251. 1944 -- July 20, USAAF B1-17F's Collide, Brooksville, FL -- 10
 252. 1944 -- July 20, USAAF B-24's Collide, near Roswell, NM -- 10
 253. 1944 -- July 21, 3 USAAF C-47s Lost, Atlantic, 25M off Cape Fear, NC -- 15
 254. 1944 -- July 23, USAAF B-24J Fire/Crash, ~Chatham Field, Savannah, GA -- 10
 255. 1944 -- July 25, USAAF B-24 Crash, San Pablo Bay, near San Rafael, CA -- 10
 256. 1944 -- July 27, USAAF C47A Plane Crash, Isle of Mull, ~Port Logan, Scotland--21US/22
 257. 1944 -- July 26, US Army AF Douglas C-54 Crashes off Greenland -- 26
 258. 1944 -- July 30, USAAF B-17 Breaks-up/Crashes, 6M from St. Marks, FL -- 10
259. 1944 -- Aug 01, USAAF B-24's Collide near Furnace Creek, Death Valley, CA -- 17
 260. 1944 -- Aug 03, USAAF Douglas D-47 Crash, Thunderstorm, Napier, NE -- 28
 261. 1944 -- Aug 05, USAAF B17G's Collide, near Dixon, NE -- 17
 262. 1944 -- Aug 08, Pan Am #218 *Hong Kong Clipper* Crashes off Antilla, Cuba -- 17
 263. 1944 -- Aug 09, USAAF B-24J Plane Fire/Crash, near Kiowa, CO -- 10

⁸⁵ Cross-listed under Fog as contributing condition.

264. 1944 -- Aug 21, USAAF YB-29 Plane Crash, 25M ~ Alamogordo, NM -- 10
 265. 1944 -- Aug 21, USAAF B-24J's Collide, near Model, CO -- 18
 266. 1944 -- Aug 27, USAAF B-17G Plane Crash, 20M ~Bay St. Louis, MS -- 10
 267. 1944 -- Aug 28, Plane Crash, USAAF Douglas C54A, Prestwick, Scotland --20 US of 25

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268. 1944 -- Sep 01, USAAF B-24J Plane Crash, ~ Muroc Army Air Field, CA -- 10
 269. 1944 -- Sep 17, Plane Crash, Liberal AA Field USAAF B-29, near Copeland, KS⁸⁶ -- 12
 270. 1944 -- Sep 18, USAAF Douglas C-47 Crash, Denali State Park, ~Talkeetna, AK -- 19
 271. 1944 -- Sep 24, US Army AF Douglas C-47 Crashes, Camp Mackall, NC -- 12
 272. 1944 -- Sep 27, USAAF RB-24E Plane Crash, near San Jon and Tucumcari, NM -- 11
 273. 1944 -- Sep 29, USN PBM-3D Crash, Southeast of Palau Island, West Central Pacific-- 10
274. 1944 -- Oct 08, USAAF B-29 Plane Crash, near Love Field, Dallas, TX -- 15
 275. 1944 -- Oct 15, USAAF B-29 Crash, Alamogordo Army Air Base, NM -- 12
 276. 1944 -- Oct 17, USAAF B-24J Plane Crash, 12M NE of Ukiah, OR -- 10
 277. 1944 -- Oct 18, Plane Crash, USAAF B24H, near Birkenhead, Merseyside, England-- 24
 278. 1944 -- Oct 24, USAAF B-17F Plane Crash, near Russell, KS -- 12
 279. 1944 -- Oct 24, USAAF B-29 Crash, Barksdale Field, Shreveport, LA -- 11
 280. 1944 -- Oct 26, USAAF C-46A's Collide, Reno Army Air Base, NV -- 12
 281. 1944 -- Oct 29, USAAF B-17F Crash, ~ Chatham Field, Savannah, GA -- 10
282. 1944 -- Nov 03, USAAF Planes Collide, near Kingman Army Air Field, AZ -- 15
 283. 1944 -- Nov 04, TWA Flight 8 Crashes in Thunderstorm near Hanford, CA -- 24
 284. 1944 -- Nov 06, USN Planes Collide, St. Johns River near NAS Jacksonville, FL -- 18
 285. 1944 -- Nov 07, USN PB4Y-1 Liberator Plane Crash, off Fort Monroe, VA -- 12
 286. 1944 -- Nov 10, USAAF B-29 Plane Crash, near Clovis Army Air Field, NM -- 15
 287. 1944 -- Nov 11, USAAF C-47B Crash, Strawberry Peak, near Glendale, CA --12-13
 288. 1944 -- Nov 11, US Air Transport Command C-54 crashes, Pacific, 50 mi. off Oahu-- 17
 289. 1944 -- Nov 13, USAAF C-47 Crashes near Army Air Base, Casper, WY -- 11
 290. 1944 -- Nov 18, USAAF B-24J Plane Crash, ~ March Field, Riverside, CA -- 11
 291. 1944 -- Nov 19, Plane Crash, USAAF C-47A, ~Brighton and Lewes, England --24 US/25
 292. 1944 -- Nov 29, USAAF B-24 Liberator Plane Crash, Middle Mt., Nottingham, NH -- 9-10
 293. 1944 -- Nov 30, USAAF B-24's Collide near Davis-Monthan AAF, Tucson, AZ -- 18
294. 1944 -- Dec 05, USAAF P-47/B-24J Planes Collide near Walterboro AAF, SC -- 13
 295. 1944 -- Dec 08, USAAF AT-18 Planes Collide, Sioux Falls Army Air Field, SD -- 10
 296. 1944 -- Dec 22, USAAF B-24 Crash, Mt. Gleason, La Crescenta, CA -- 10
 297. 1944 -- Dec 25, USAAF C-47 Plane Crash, Black Mesa Mountain, Quartzsite, AZ -- 17
 298. 1944 -- Dec 25, USAAF C-47A Plane Crash, Roundtop Mt. near Harrisburg, PA --11-12
 299. 1944 -- Dec 27, USAAF B-24J Plane Crash, near Mattituck, Long Island, NY -- 11
 300. 1944 -- Dec 29, USAAF B-24J Plane Break-up/Crash, near Meridian, ID -- 10
 301. 1944 -- Dec 30, USAAF B-29 Plane Fire/Crash, near Walker AAF, KS -- 10

⁸⁶ Crash into farmhouse killing grandfather and one-year-old grandson, in addition to ten U.S. service crewmen.

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

302.	1945 -- Jan 08, Pan Am China Clipper Flight 161 Crash, Port of Spain, Trinidad	--	23
303.	1945 -- Jan 09, USAAF B-29 Plane Lost, Atlantic, off Southeast Coast	--	16
304.	1945 -- Jan 09, USAAF B-24 Breakup/Crash ~Chatham Field, Savannah, GA	--	11
305.	1945 -- Jan 10, Plane Crash/Fog, American 6001, near Burbank-Hollywood, CA ⁸⁷	--	24
306.	1945 -- Jan 17, USAAF B-17F Plane Fire/Crash, near Bay Minette, AL	--	11
307.	1945 -- Jan 20, USAAF B-24J Crash, near Muroc Army Air Field, CA	--	10
308.	1945 -- Jan 24, USAAF B-17Fs Collide, near Dyersburg, TN	--	16
309.	1945 -- Jan 26, USAAF B-17G Crash, near Hendricks Field, Sebring, FL	--	10
310.	1945 -- Jan 26, USN PB4Y-1 Liberator Landing Crash, ~NAAS Jacksonville, FL	--	11
311.	1945 -- Feb 02, Florence to Rome USAAF C-47 Crash, 3 mls W of Montieri, Italy	--	23
312.	1945 -- Feb 09, USAAF B-24D Plane Crash, near Denio, OR	--	11
313.	1945 -- Feb 12, USAAF B-24D Plane Crash, near Troy, OR	--	10
314.	1945 -- Feb 13, USN Air Transport Service crash after takeoff, San Fran. Bay, CA--	24	
315.	1945 -- Feb 23, American Air Flight 9, Crashes near Rural Retreat, VA	--	17
316.	1945 -- Mar 03, USAAF B-17F Plane Crash, near Winnfield, LA	--	10
317.	1945 -- Mar 06, USAAF B-24D, Crash, near Mountain Home AAF, ID	--	10
318.	1945 -- Mar 10, USAAF B-24, Atlantic near Montauk Point, Long Island, NY	--	12
319.	1945 -- Mar 10, USN Plane Lost, Trng. Flight, NAS Jacksonville FL to Bahamas	--	14
320.	1945 -- Apr 01, USAAF B-29 Fire/Crash, near Alamogordo, NM	--	12
321.	1945 -- Apr 08, USAAF TB-17F Plane Crash, near Tellico Plains, TN	--	10
322.	1945 -- Apr 11, USAAF TB-17F Plane Collision, near Jackson AAB, MS	--	14
323.	1945 -- Apr 11, USAAF B-24J Crash, Atlantic, off Charleston, SC	--	11
324.	1945 -- Apr 14, Penn.-Central Airlines # 142 Crash near Morgantown, WV	--	20
325.	1945 -- Apr 16, Two USAAF AT-11 Planes Collide, near Big Spring, TX	--	10
326.	1945 -- Apr 17, US Navy VB-4 Patrol Plane Crash, Trng. Ex., near Mayport, FL	--12-13	
327.	1945 -- Apr 20, USAAF C-47 Breakup/Crash, Thunderstorm, near Sweetwater, TX	--	25
328.	1945 -- Apr 24, USAAF B-29 Fire/Crash, Gulf of Mexico, off Key West, FL	--	11
329.	1945 -- Apr 27, U.S. Army AF C-46D, Plane Crash, near Claude, TX	--	11
330.	1945 -- May 06, Two USAAF B-17s Collide, ~ Esler Field, Alexandria LA	--	18
331.	1945 -- May 12, USAAF B-24M Plane Crash, 30M near Fort Bragg, CA	--	11
332.	1945 -- May 13, USAAF "Shangra-La" Sightseeing Plane Crash, Mt., New Guinea	--	21
333.	1945 -- May 27, Plane Crash debris hits car, USAAF Show, Wright Field, Dayton, OH--	5	
334.	1945 -- June 11, USAAF B-29 Structural Failure/Crash ~Rush Springs, OK	--	10
335.	1945 -- June 14, Lightning-hit Plane Crash, USAAF C-46D, near Oakridge, MS ⁸⁸	--	17
336.	1945 -- June 30, USAF B-29 (44-69943) Crash, Guadalupe Peak, TX	--	12
337.	1945 -- June 30, USAAF TB-24J Crash, Las Vegas Field, Las Vegas, NV	--	11

⁸⁷ Cross-listed under Fog as contributing condition.

⁸⁸ Cross-listed under Lightning.

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338.	1945 -- July 08	USAAF B-29 Structural Failure/Crash, near Pueblo AAB, CO	--	13
339.	1945 -- July 13,	USAAF B24 Crash, 25M ~Tyndall Field, Panama City FL	--	13
340.	1945 -- July 14,	USAAF B-29 Crash, Kirtland Field, Albuquerque, NM	--	13
341.	1945 -- July 14,	USAAF TB-25C Plane Crash, 1 mile NW of Weldon, TX	--	11
342.	1945 -- July 17,	USAAF B-17F Crash, near Smoky Hill AAB, Salina, KS	--	10
343.	1945 -- July 18,	USN PB4Y-2 Privateer Plane Missing, out of NAS Miami, FL	--15-17	
344.	1945 -- July 22,	USAAF B-24M Crash, James River, ~Newport News, VA	--	11
345.	1945 -- July 25,	USAAF C-47B Crash, Th-Storm, 13M ~ to Tampa, FL	--	13
346.	1945 -- July 28,	B-25 Bomber Flies into Empire State Building in Fog, ⁸⁹ NY	--	14
347.	1945 -- Aug 09,	USAAF TB-24D Crash ~Buckingham Field, Ft. Myers, FL	--	11
348.	1945 -- Aug 13,	Two USAAF B-29s Collide, near Weatherford, TX	--	18
349.	1945 -- Aug 22,	USN PB4Y-2 Plane Crash into sea, Trng. Flight, off San Diego, CA--	10	
350.	1945 -- Aug 25,	USAAF B-24J Plane Crash, 17 miles NNW of Elgin, OR	--	15
351.	1945 -- Sep 01,	USAAF B-24J takeoff crash, near Hondo Army Air Field, TX	--10-12	
352.	1945 -- Sep 07,	Eastern Air Lines Flight 42 Crashes near Florence, SC	--	22
353.	1945 -- Sep 07,	USAAF B-29 Fire/Crash, 4 ½ miles south, Wedowee, AL	--	10
354.	1945 -- Sep 12	USN PB4Y-2 Privateer Engine Fire, Crash, ~Master Field, Miami, FL--	14	
355.	1945 -- Sep 15,	USAAF C-47 Crashes, Kansas City-Fairfax Field, KS	--	23
356.	1945 -- Oct 18,	USAAF TB-24J Fire/Crash, near Hondo AAF, TX	--	13
357.	1945 -- Oct 30,	USAAF C-47 transport Crash into mountain near Cuneo, Italy	--	15
358.	1945 -- Oct 31,	US Navy Transport Plane Crash, heavy fog, Rich Mt., ~Mena, AR	--	14
359.	1945 -- Nov 01,	USAAF C-47 Plane Crash ~Bad Herrenalb and Karlsruhe, Germany--	26	
360.	1945 -- Nov 03,	Consolidated Air, Army Transport Com., sea crash, 450 mi NE of HI--	18	
361.	1945 -- Nov 03,	USAAF C-54 Crash, Himalayan Mountains, near Chukha, Bhutan	--	44
362.	1945 -- Nov 08,	US Navy Mid-Air Collision, Corpus Christi Bay, TX	--	22
363.	1945 -- Nov 30,	USN PV4Y-2 Plane Missing, NAS Kodiak, AK to NAS Seattle, WA--	25	
364.	1945 -- Dec 06,	5 Navy Bombers, Rescue Craft Missing, Carib. Bermuda Triangle	--	27
365.	1945 -- Dec 08,	Crash, Northwest Air, Military Charter, Billings, MT	--	19
366.	1946 -- Jan 18,	Plane Fire and Crash, Eastern Air Lines Flight 105, Cheshire, CT	--	17
367.	1946 -- Jan 31,	United Air Lines Flight 14 Crashes, Elk Mountain, WY	--	21
368.	1946 -- Mar 03,	American Air 6-103 Crash, Zero Visibility, Thing Mountain, CA	--	25
369.	1946 -- Mar 07,	USAF B-29 Superfortress Plane Crash,, Kirtland AAR, NM	--	10
370.	1946 -- Mar 19,	Structural failure/crash, USAAF C-47, near Hobart Mills, CA	--	26
371.	1946 -- Apr 4	USN R4D-6 Transport Plane Crash, sandhills 15M ~Albuquerque, NM--	11	
372.	1946 -- May 10,	Mid-Air Collision, 2 USN Bombers, Near Munson, FL	--	28
373.	1946 -- May 16,	Viking Air Transport Crashes, Byrd Field, Richmond VA	--	27
374.	1946 -- June 01,	USAAF C-54 Cockpit Fire and Crash off Amalfi, Italy	--	30

⁸⁹ Cross listed in Fog as contributing condition.

375.	1946 -- June 12, USAAF B29 Crash/Fire, Collins Gap, near Clingman's Dome, TN --	12
376.	1946 -- June 09, U.S. Army Air Force DC-4 Crash, Tobago Island, Panama --	23
377.	1946 -- Jul 09, USAAF B-17 Crash, Mount Tom, near Westover AFB, Chicopee, MA--	25
378.	1946 -- July 18, U.S. Army Air Corps Transport C-47, Crash, near Goodland, KS --	13
379.	1946 -- July 20, Two USAAF B-17G Search Planes Collide off Coiba, Panama --	20
380.	1946 -- Aug 01, Plane Crash, USN PB4Y-2 Privateer, ~Camp Kearny MAAS, CA --	11-12
	1946 -- Aug 09, USAF A-26 Bombers Collide, No. Montana State Fair, Great Falls --	7
381.	1946 -- Sep 05, Plane crash/fire, Trans-Luxury Airlines charter, fog, near Elko, NV ⁹⁰ --	21
382.	1946 -- Oct 01, Plane Crash in storm, fire, USAAF B-29, Buffalo Valley, NV --	11
383.	1946 -- Oct 03, Amer. Overseas Air Crash, Harmon Field AFB, Newfoundland --	39
384.	1946 -- Oct 17, National Air Transport Service Crash, Laramie, WY --	13
385.	1946 -- Nov 13, Western Air Flight 23 Crashes, White Mt., Lebec, CA --	11
386.	1946 -- Nov 16, U.S. Army Air Force DC-47 Crashes into Pacific off Iwo Jima --	23
387.	1946 -- Dec 10, USAAF C-46 Takeoff Crash, near Itami U.S. Air Base Osaka, Japan--	22
388.	1946 -- Dec 10, US Marine Corps Transport Goes Missing, Southern WA --	32
389.	1946 -- Dec 24, Western Air Lines Flight 44 Flies into Cuyapaipe Mountain, CA --	12

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

390.	1947 -- Jan 12, Eastern Air Lines Flight 665 Crashes, Galax, VA --	18
391.	1947 -- Jan 27, Plane Crash, USAAF B-29 Superfortress, Kirtland Field, NM --	12
392.	1947 -- Feb 22, U.S. Coast Guard PBM-5 Crashes in Mex. on way back to San Diego--	10
393.	1947 -- Apr 19, USAF B-29 Fire/Explos./Crash, off Kwajalein Isl., Marshall Islands--	16
394.	1947 -- May 29, United Air Lines 521 Crashes/Burns, Take-off, La Guardia, NY --	43
395.	1947 -- May 30, Eastern Air Lines Flight 605 Crash, Near Bainbridge, MD --	53
396.	1947 -- June 13, PA-Central Air Flight 410 Crashes Near Lookout Rock, WV --	50
397.	1947 -- June 14 USAAF B-29 Plane Crash, Hawks Mountain, VT --	12
398.	1947 -- July 13, Burke Air Transport Crash, Melbourne, FL --	14
399.	1947 -- Aug 06, US Navy PBY-5A disappears, Kodiak to Dutch Harbor, AK --	20
400.	1947 -- Aug 16, USAF B17 Plane Crash 50 miles off Barbers Point, Kalaeloa, HI --	10
401.	1947 -- Oct 24, United Flight 608 Crashes Near Bryce Canyon Airport, UT --	52
402.	1947 -- Oct 26, Pan American Air Crash, Tamgas Mt., Annette Island, AK --	18
403.	1947 -- Nov 27, Columbia Air Cargo Douglas C-47 Crash, Yakutat, AK --	13
404.	1947 -- Nov 28, USAF C-47 Transport Plane Crash, Mt. Carbone, Alps, ~Cuneo, Italy--	20
405.	1947 -- Dec 10, U.S. Air Force DC-4, Crash and Fire, near Goose Bay, Labrador --	23
406.	1947 -- Dec 11, USAF C-47 Crash, Near Memphis, TN --	20
407.	1947 -- Dec 16, USAF B-29 Crash after Davis-Monthan takeoff, near Tucson, AZ --	12
408.	1948 -- Jan 07, Coastal Air Lines Plane Stalls/Crashes, near Savannah, GA --	18
409.	1948 -- Jan 27, USAF C-47 Crash (dependants), Snowstorm, Cheval Blanc Mt., France--	12
410.	1948 -- Jan 28, Airline Transport Carriers Crash (U.S. INS Charter) ~Coalinga, CA --	32
	1948 -- Jan 30, USAF B-17 Crash, Cheval Blanc Mountain, Southern France --	9
411.	1948 -- Mar 10, Delta Air Flight 705 Crash, Chicago Municipal Airport, IL --	12
412.	1948 -- March 12, Northwest Airlines Flight 4422 (charter) crash, Mt. Sanford, AK --	30
413.	1948 -- May 09, USN PBY-6A Catalina Plane Lost, San Juan, PR to Key West, FL --	12

⁹⁰ Cross-listed in Fog, as a contributing condition.

414.	1948 -- June 17, United Air Lines Flight 624 Crash, Mount Carmel, ~Shamokin, PA--	43
415.	1948 -- Aug 5, USN Douglas R4D-6 and civilian Stearman Collide ~NAS Miami, FL--	10
416.	1948 -- Aug 12, Plane Crash, USAF B-29, ~ Walker Air Force Base, NM	-- 13
417.	1948 -- Aug 20, Plane Crash, USAF B-29, Rapid City Air Force Base, SD	-- 14
418.	1948 -- Aug 24, U.S. B29 Superfortress Plane takeoff Crash near Hickam AFB, HI	-- 16
419.	1948 -- Aug 29, Northwest Orient Air Flight 421 Crashes NW of Winona, WI	-- 37
420.	1948 -- Nov 1, USAF C-47 Plane Breakup and Crash, Thunderstorm, ~Muldrow, OK--	11
421.	1948 -- Nov 03, USAF B-29 Bomber Crash after takeoff near Lajes Field, Azores	--18-19
422.	1948 -- Nov 03, USAF B-29 Bomber Crash, Shelf Moor, near Manchester, England--	13
423.	1948 -- Nov 03, US Navy PB4Y-2 Plane Crash, 10M off Port Moller, Kodiak AK	-- 12
424.	1948 -- Nov 04, Pacific Alaska Air Express Lost Near Cape Spencer, AK	-- 17
425.	1948 -- Dec 22, USAF B-50 Crash near Fairbanks, AK	-- 10
426.	1948 -- Dec 28, Airborne Transport (Charter) Crash, San Juan PR to Miami, FL	-- 32

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427.	1949 -- Jan 02, Seattle Air Charter Crash, Seattle-Boeing Field, WA	-- 14
428.	1949 -- Jan 17, USAF B-29 Crash, Argyllshire Mts. in fog, near Glasgow, Scotland	-- 20
429.	1949 -- Jun 07, Strato-Freight from San Juan PR to Miami Crashes after takeoff	-- 53
430.	1949 -- Jul 12, Standard Air 897 Hits Mt. in Fog, Approach to Burbank CA ⁹¹	-- 35
431.	1949 -- Jul 30, Eastern Air Hit by Navy Hellcat Aircraft, Chesterfield, NJ	-- 16
432.	1949 -- Aug 31, US Navy Martin Mariner PBM-5 Crash, off San Diego, CA	-- 10
	1949 -- Sep 05, P-51 Mustang Plane Crash, Cleveland Air Races, OH	-- 3
433.	1949 -- Oct 13, USAF B50 Crash near Isleham England	--(US)11
434.	1949 -- Nov 01, Eastern Flight 537/Bolivian P-38 Jet Collide, Wash. Nat. AP, DC	-- 55
435.	1949 -- Nov 03, USAF RB-29 Weather Plane Crash, off Kindley US AFB, Bermuda--	11
436.	1949 -- Nov 16, Two USAF B29s Collide over Stockton, CA	-- 18
437.	1949 -- Nov 29, American Air 157, Landing Crash, Dallas-Love Field, TX	-- 28
438.	1949 -- Dec 22, Plane Crash, USAF B50 Bomber, near Savannah, GA	-- 11
439.	1950 -- Jan 26, USAF SAC C-54 Transport Disappears, Yukon Territory, Canada	-- 44
440.	1950 -- Mar 07, Northwest Orient Flight 307 Crash, Minneapolis, MN	-- 15
441.	1950 -- Mar 23, In-Flight Explosion, USAF B-50, near Hyder, AZ	-- 12
442.	1950 -- Apr 08, USN Privateer Patrol Bomber Shot Down by USSR, Baltic Area ⁹²	-- 10
443.	1950 -- Apr 11, USAF B-29 Crash, Manzano Nuc. Wpn. Storage ~Kirtland AFB NM--	13
444.	1950 -- Apr 21 USAF C-54 Skymaster Crash into Mt. in rainstorm near Atsugi, Japan--	35
445.	1950 -- May 18, USAF B-29 Crash, Lajes Field, Azores	--15-16
446.	1950 -- June 05, Plane Crash, Westair Transport, ~190 miles off Miami, FL	-- 28
447.	1950 -- June 23, NW Orient 2501 Disappears, Lake MI, near Benton Harbor, MI	-- 58
448.	1950 -- July 13, In-Flight Fire/Crash USAF B-50, near Mason, OH	-- 16
449.	1950 -- July 23, Florida Air National Guard Curtis C-46 Crash, Myrtle Beach, SC	-- 39
450.	1950 -- Aug 05, USAF Boeing B-29 Crash, Travis Air Force Base, CA	-- 19
451.	1950 -- Sep 04, Robinson Air Flight 32 Crash, Utica-Oneida County, NY	-- 16
452.	1950 -- Nov 07, Northwest Orient Flight 115 Crash, East of Butte, MT	-- 21

⁹¹ Cross-listed in Fog as contributing condition.

⁹² Cross-listed in Violence—Attack.

453. 1950 -- Nov 16, USAF KB29 Tanker and B-50 Collide/Crash ~Sil Nakya village, AZ-- 13
 454. 1950 -- Nov 23, New Tribe Mission DC-3 Crash, Mt. Moran, WY -- 24
 455. 1950 -- Dec 23, USN P2V Neptune Crash, McCreight Mt., Vancouver Isl., BC, Can.-- 11

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456. 1951 -- Jan 16, Northwest Orient Flight 115 Crash, Near Reardan, WA -- 10
 457. 1951 -- Mar 02, Mid-Continent Airlines Approach Crash, Sioux City, IA -- 16
 458. 1951 -- Mar 22, USAF C-124A Globemaster from Loring AFB Explodes, N Atlantic-- 53
 459. 1951 -- Apr 06, Southwest Airways Flight 7 Crashes, Refugio Pass, CA -- 22
 460. 1951 -- Apr 08, WV National Guard Plane Crash, Charleston, WV -- 21
 461. 1951 -- Apr 25, Cubana Flight 493/US Navy Plane Collide, off Key West, FL -- 43
 462. 1951 -- Apr 27, Planes Collide, USAF B-36 & F-51, NE of Perkins, OK -- 14
 463. 1951 -- Apr 28, United Flight 129 Crash, near Fort Wayne, IN -- 11
 464. 1951 -- May 06, USAF Strategic Bomber Crash, Near Albuquerque, NM -- 23
 465. 1951 -- June 03, USAF Plane Crash, New Boston, TX -- 10
 466. 1951 -- June 30, United Flight 610 Crashes into Crystal Mt, near Ft. Collins, CO -- 50
 467. 1951 -- July 21, US Military Charter, Canadian Pacific Air, Crashes near Sitka, AK -- 37
 468. 1951 -- Aug 12, US Navy PB4Y-2 Privateer crash into mountain, Amak Island, AK-- 12
 469. 1951 -- Aug 13, Plane Crash, USAF B-50, Lester Apartments, Beacon Hill, WA -- 11
 470. 1951 -- Aug 20, Plane Crash, USAF T-33, McGuire Air Force Base, NJ -- 13
 471. 1951 -- Aug 24, United Flight 615 Crash/Fog, SW of Oakland Int., Airport, CA⁹³ -- 50
 472. 1951 -- Aug 31, USAF Consol. Privateer Crash, Little Tanaga Island, AK -- 10
 473. 1951 -- Oct 15, USAF C-97 Lost, North Atlantic, Azores to Westover AFB, MA --11-12
 474. 1951 -- Nov 06, P2V-3W Shot Down by Soviet Aircraft, Sea of Japan -- 10
 475. 1951 -- Nov 13, U.S. C-82 “Flying Boxcar” Crashes into Puy de Sancy Mt., France -- 36
 476. 1951 -- Nov 27, US Navy Martin Mariner Crash, San Diego, CA -- 11
 477. 1951 -- Dec 16, Miami Airlines C-46 Crash, Elizabeth, NJ, near Newark Int. AP -- 56
 478. 1951 -- Dec 29, Continental Charters 44-2 Crash, near Salamanca, NY -- 26
 479. 1951 -- Dec 30, USAF Douglas C-47 Transport Crash, Mt. 35 mi N of Globe, AZ -- 28
480. 1952 -- Jan 19, Crash, US Mil. Charter, NW Orient 324, Korea-WA, off Sandspit, BC-- 36
 481. 1952 -- Jan 22, American Airlines Approach Crash, SE of Newark IAP, NJ -- 30
 482. 1952 -- Feb 07, USAF takeoff Crash, 5 miles N of Yokota US AB, Japan --13 (US) of 15
 483. 1952 -- Feb 11, National Air Flight 101 Takeoff Crash, Newark AP, NJ -- 33
 484. 1952 -- March 12, Two USAF B-29’s Collide, near Sequin and San Antonio, TX -- 15
 485. 1952 -- March 21, USAF Consolidated Privateer Crash, off Corpus Christi NAS, TX-- 10
 486. 1952 -- Apr 1-10, Military Plane Crashes, Parachuting, “Exercise Longhorn,” TX -- 10
 487. 1952 -- Apr 04, USAF Globemaster & C-47 Planes Collide, Mobile, AL -- 15
 488. 1952 -- Apr 05, USAF B-29 weather plane crash, McClellan AFB, Sacramento, CA -- 10
 489. 1952 -- Apr 08, USAF B-25 Crash, Golden Peak, near Golden, CO -- 11
 490. 1952 -- Apr 09, USAF F-94 & C-47 Planes Collide, Camp Edwards, MA -- 12
 491. 1952 -- Apr 11, Pan Am Air Flight 526 Plane Crash, off San Juan, Puerto Rico -- 52
 1952 -- Apr 14, USN P2V Ventura Patrol Bomber Crash, Brunswick NAS, ME -- 5
 492. 1952 -- Apr 15, USAF B-36D Plane Crash/Fire, near Fairchild AFB, WA -- 15

⁹³ Cross-listed under Fog as contributing condition.

493.	1952 -- Apr 18, Robin Airlines Approach Crash, Whittier, CA	--	29
494.	1952 -- Jun 13, Yokota Air Base, Japan, USAF RB-29, shot down, Sea of Japan ⁹⁴	--	12
495.	1952 -- Jun 24, NM-based USAF B-50 Superfortress Crash near Lakenheath, UK	--	11
496.	1952 -- Oct 08, USAF B29 and F94 Jet Midair Collision near Portland, OR	--	11
497.	1952 -- Oct 26, USAF WB-29 lost, Typhoon, Anderson AFB, Guam to Philippines	--	10
498.	1952 -- Nov 07, USAF "Flying Boxcar" Crashes, Mt. McKinley, AK	--	19
499.	1952 -- Nov 12, USAF Consolidated Privateer Crash, Shelton, WA	--	11
500.	1952 -- Nov 15, USAF "Flying Boxcar" Crashes, near Anchorage, AK	--	20
501.	1952 -- Nov 22, USAF MATS C-124 A Globemaster II crash, Mount Gannett, AK	--	52
502.	1952 -- Nov 28, USAF Douglas C-54 Crash, Near Tacoma, WA	--	37
503.	1952 -- Dec 01, Plane Crash, USAF C47B, Mount San Gorgonio, CA	--	13
504.	1952 -- Dec 20, USAF Globemaster II Cartwheels on takeoff, Larson AFB, WA	--	87

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505.	1953 -- Jan 07, Associated Air Transport Crash, W. of Fish Haven, ID	--	40
506.	1953 -- Jan 13, USAF B-50 Bomber Plane Crash, near Gridley CA	--	12
507.	1953 -- Jan 16, USAF C54 Crash, approach, Harmon AFB, Stephenville, NFLD, Can.--	13	
508.	1953 -- Jan 28, USN PB4Y Privateer Plane Crash, Black Peak, WA	--	10
509.	1953 -- Feb 02, USAF Plane takeoff Crash, Wheelus Air Base, Tripoli, Libya	--	15
510.	1953 -- Feb 14, National Air 470 Plane Crash/Storm, Gulf of Mex., ~ Mobile, AL	--	46
511.	1953 -- Mar 18, 10-eng. USAF Convair RB-36H crashes, Random Isl., NFL, Can.	--	23
512.	1953 -- Mar 18, Plane Crash, USAF Superfortress, St. George's Bay, NFL, Can.	--	10
513.	1953 -- Mar 20, Transocean Air 942 (Military Charter) Crash, NE of Alvarado, CA	--	35
514.	1953 -- May 17, Delta Air Flight 318 Crash (Thunderstorm), Marshall, TX	--	19
515.	1953 -- June 18, USAF Globemaster II Crash, Tachikawa AFB, Tokyo, Japan	--	129
516.	1953 -- July 02, USAF Martin Mariner Crash, Adak, AK	--	12
517.	1953 -- July 12, Transocean Air Flight 512 Crash, Pacific Ocean, Wake Is. to HI	--	58
518.	1953 -- July 17, USMC R4Q "Packet" Plane Takeoff Crash/Fire, near Milton, FL	--	44
519.	1953 -- July 29, Yokota Air Base, Japan, USAF RB50, shot down, Sea of Japan ⁹⁵	--	16
520.	1953 -- Sep 01, Regina Cargo Airlines Crash near Vail, WA	--	21
521.	1953 -- Sep 16, American Air Flight 723 Approach Crash, Albany, NY	--	28
522.	1953 -- Sep 28, Resort Air Flight 1081 Approach Crash, Louisville, KY	--	25
523.	1953 -- Oct 29, BCPA Douglas DC-6 Crash, San Francisco, CA	--	19
524.	1953 -- Nov 17, USAF C-119F Hits Paratroopers, Crashes, Fort Bragg NC	--	15
525.	1953 -- Dec 17, USAF B-29 Crashes, Officer's Housing, Anderson AFB, Guam	--	19
526.	1954 -- Jan 04, US Navy P2V Neptune Bomber Lost, Yellow Sea, off Coast of Korea--	10	
527.	1954 -- Feb 01, USAF C46 Fire and Crash, Tsugaru Strait, off Hokkaido, Japan	--	35
528.	1954 -- Feb 05, USAF C-47 Crashes, Susitna Valley, AK	--	10
529.	1954 -- Mar 19, Plane Fire & Crash, USAF C-119, #51-7993, near Lothian, MD	--	18
530.	1954 -- May 05, USN PBM-5 Seaplane Crash, Sidewalk Mt., near Carricitos, Mexico--	10	
531.	1954 -- Aug 22, Braniff Airways Thunderstorm Crash, S. Mason City, IA	--	12
532.	1954 -- Aug 27, USAF B-36 Crash, Rapid City, SD	--	26

⁹⁴ Cross-listed in Violence (Attack).

⁹⁵ Cross-listed in Violence (Attack).

533. 1954 -- Sep 28, USN PB-5 Marlin Takeoff Crash, Sangley Point NAS, Philippines -- 11
 534. 1954 -- Oct 6, USAF B-50 Crash near Willows, Glenn County, CA -- 13
 535. 1954 -- Oct 30/31, US Navy Transport Lost at Sea, Off Ocean City, MD -- 42
 536. 1954 -- Dec 18, Linee Aeree Italiane 451 Crash, NY Idlewild IAP, NY -- 26
 537. 1954 -- Dec 22, Johnson Flying Service Crash, Monongahela River, ~Pittsburgh, PA-- 10
 1954 -- Dec 29, Plane rear-door fails/crash, USAF C119, Shin Point ~New Hope, AL-- 9

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538. 1955 -- Jan 01, USAF Douglas C47 Crash, near Skwentna Airport, Anchorage, AK -- 12
 539. 1955 -- Jan 12, Planes Collide, TWA 694/Castleton, Inc., Covington, KY -- 15
 540. 1955 -- Feb 17, USAF Lockheed P-2 Neptune Crash, Elmendorf AFB, AK -- 11
 541. 1955 -- Feb 19, TWA 260 Crash, Sandia Mt., near Albuquerque, NM -- 16
 542. 1955 -- Mar 20, American Air 711 Approach Crash, Springfield, MO -- 13
 543. 1955 -- Mar 22, US Navy R6D-1 Crashes, Waianae Range, NW of Honolulu HI -- 66
 544. 1955 -- May 25, Plane Crash, USAF SAC B-36J, Sterling City, TX -- 15
 545. 1955 -- June 29, USAF C-47 Transport Plane Crash, Sitkinak Island, AK -- 10
 546. 1955 -- July 17, Braniff Air # 560 Approach Crash, Chicago-Midway, IL -- 22
 547. 1955 -- Aug 04, American Air 476 Fire/Crash, Fort Leonard Wood, MO -- 30
 548. 1955 -- Aug 11, Two USAF C-119 Flying Boxcars Collide over Edelweiler, Germany-- 66
 549. 1955 -- Sep 26, US Navy P-2 Neptune 131442 Lost -- 11
 550. 1955 -- Oct 06, United Flight 409 Crash, Medicine Bow Peak, near Centennial WY -- 66
 551. 1955 -- Nov 01, United Flight No. 629 Blown Up over Denver, CO⁹⁶ -- 44
 552. 1955 -- Nov 17, Peninsular Air Transport (Mil. Charter) Crash, Seattle-Boeing Field, WA-- 28
 553. 1955 -- Nov 17, USAF Plane Crash, Mount Charleston, NV -- 14
 554. 1955 -- Nov 29, USAF F-84 Crash into Base Housing, Eielson AFB, AK -- 14
 555. 1955 -- Dec 21, Eastern Air Flight 642 Approach Crash, Jacksonville, FL -- 17
556. 1956 -- Feb 17, U.S. Navy Transport DC-4 Crash near Niles, CA -- 40
 557. 1956 -- Mar 02, USAF C124C Globemaster II Crash, Atlantic, Iceland to US -- 17
 558. 1956 -- Apr 01, Trans World Airlines Crash, Greater Pittsburgh, PA -- 22
 559. 1956 -- Jun 20, Linea Aeropostal Venezolana Crash, Ashbury Park, NJ -- 74
 560. 1956 -- Jun 30, TWA 2 & United 718 Collision, Grand Canyon AZ -- 128
 561. 1956 -- July 13, USAF Takeoff/Windshear Crash, near Brown's Mills, NJ -- 46
 562. 1956 -- Aug 22, Navy P4M-1Q Shot Down near Wenchow, China -- 16
 563. 1956 -- Aug 29, Canadian Pacific Airlines fl. 307 approach crash, Cold Bay AP, AK-- 15
 564. 1956 -- Aug 31 Eielson AFB AK WB-50 Plane, Crashes 50 miles north of Anchorage-- 11
 565. 1956 -- Sep 10, Yokota AB USAF RB50G Lost tracking Typhoon Emma Sea of Japan-- 16
 566. 1956 -- Sep 24, USAF C-47 Crash, Mount Yale, near Buena Vista, CO -- 12
 567. 1956 -- Oct 10, USN MATS Transport Plane lost from UK to Lincoln AFB, NE -- 59
 568. 1956 -- Nov 9, USN P5M Marlin Patrol Plane Lost no. of Bermuda, possibly off MD-- 10
 569. 1956 -- Nov 30, USAF Boeing B-52 Crash, Merced, CA -- 10
 570. 1956 -- Dec 28, USAF B-50 Weather Recon. Crash, Yokota AB approach, Japan-(9 US)10
571. 1957 -- Jan 17, USAF Weather B-50 Takeoff Plane Crash, near Eielson AFB, AK -- 12

⁹⁶ Cross-listed under Violence-Mass Murder

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

572.	1957 -- Feb 01, Northeast Flight 823 Takeoff Crash, Rikers Island, NY	--20-21
573.	1957 -- Apr 02, US Navy Neptune Plane Explos., ~Atlantic, Chincoteague AFB, VA--	11
	1957 -- Apr 12, U.S. Navy Neptune VP26 Bomber Crashes, Brunswick, ME	-- 6
574.	1957 -- Jul 19, Willow Grove NAS, PA, Neptune Crash, San Martino Mt., no. Italy ⁹⁷	-- 11
575.	1957 -- July 23, USN P-2 Neptune Explosion, off Barbers Point Naval Air Sta., HI	-- 10
576.	1957 -- Sep 15, Northeast Air 285, Approach Crash, New Bedford, MA	-- 12
577.	1957 -- Oct 29, USAF Stratofreighter Crash, Grey Mt. ~ Flagstaff, AZ	-- 16
578.	1957 -- Nov 09, Pan Am Flight 7 Lost in Pacific from SF to Honolulu, HI	-- 44
579.	1957 -- Dec 09, Navy P5M Marlin Seaplane Explosion/Crash, Corpus Christi, TX	-- 9-10
580.	1957 -- Dec 23, USN WV-2 Simulation goes awry/Crash, off Kakuku Pt., Oahu, HI	-- 19
581.	1958 -- Jan 15 Anderson AFB, Guam USAF Weather WB50 Lost, Typhoon Ophelia--	10
582.	1958 -- Feb 01, USAF C-118A/US Navy P2V-5F Collision, Norwalk, CA	-- 48
583.	1958 -- Feb 15, USAF C-47 Transport Plane Crashes in fog on Mt. Vesuvius, Italy	-- 16
584.	1958 -- Feb 20, USN WV2 Super Constellation Plane Lost, Newfoundland to Azores--	22
585.	1958 -- Mar 07, USMC Transport & Skyraider Collide off Naha NAF, Okinawa	-- 26
586.	1958 -- Mar 27, Mid-Air Collision, two USAF Planes, Bridgeport, TX	-- 18
587.	1958 -- Apr 06, Capital Airlines Flight 67 Crash, near Freeland, MI	-- 47
588.	1958 -- Apr 21, United 736 & USAF F-100 Fighter Collision, near Las Vegas, NV	-- 49
589.	1958 -- May 20, Planes Collide, Capital Air & MD Air NG, Brunswick, MD	-- 12
590.	1958 -- Jun 27, USAF SAC Tanker Crash, Near Chicopee Falls, MA	-- 15
591.	1958 -- Aug 15, Approach Crash/Fog, Northeast Air 258, Nantucket, MA ⁹⁸	--24-25
592.	1958 -- Sep 02, USAF Globemaster Fire/Crash, 35m west, Agana Naval AS, Guam	-- 19
593.	1958 -- Sep 02, USAF C130A Hercules shot-down over Sasnashen, Armenia, USSR ⁹⁹ --	17
594.	1958 -- Sep 08, Mid-Air Collision, USAF B52's, Near Airway Heights, WA	-- 13
595.	1958 -- Sep 09, USAF Douglas C47 Plane Crash, Elmendorf AFB, Anchorage, AK	-- 13
596.	1958 -- Sep 29, USN Neptune PV-2 Patrol Plane Crash, 22M no. of Key West, FL	-- 10
597.	1958 -- Oct 09, USAF C-123B Transport Crash ~Little Willow Creek & Payette, ID--	19
598.	1958 -- Oct 18, USN Constellation Plane Crash, ~Argentia, Newfoundland, Canada	-- 11
599.	1958 -- Dec 22, USAF C-54 transport from Elmendorf AFB crashes, Mt. Iliamna, AK--	15
600.	1959 -- Jan 08, Southeast Airlines Flight 308 Approach Crash, Bristol, TN	-- 10
601.	1959 -- Feb 03, American Flight 320 Crashes into East River, NYC, NY	-- 65
602.	1959 -- Feb 04, USAF Weather B-50 Crash, out of and off Kindley US AFB, Bermuda--	12
	1959 -- May 11, Plane Crash, USN P2V, Whidbey Island Naval Air Station, WA	-- 9
603.	1959 -- May 12, Plane Crash/Storm, Capital Air Flight 75, near Chase, MD	-- 31
604.	1959 -- May 20, USAF C-130 Hercules Plane Crash into Barracks, Ashiya AB, Japan--	10
605.	1959 -- June 26, TWA 891 fuel explosion, thunderstorm static electricity, Italy --70; US 37	
606.	1959 -- June 30, U.S. Air Force F-100 Jet Crashes into School, Ishikawa, Okinawa ¹⁰⁰	-- 18
607.	1959 -- July 01, Continental Can Co. Corp. Plane Crash, near Marion, OH	-- 10

⁹⁷ Nine other U.S. service-men lost their lives in a search and rescue mission when their plane crashed.

⁹⁸ Cross-listed under Fog as contributing condition.

⁹⁹ Cross-listed under Attack.

¹⁰⁰ All deaths were of Okinawans in this at-the-time U.S. controlled territory. Pilot had bailed out of jet.

- 1959 -- July 22, Plane Explosion and Crash, USAF KC-97, near East Andover, NH -- 7
608. 1959 -- Sep 24, Reeve Aleutian Airways fl. #3 approach crash, Great Sitkin Island, AK--16
609. 1959 -- Sep 29, Braniff Air Flight 542 Breaks Up near Buffalo, TX -- 34
610. 1959 -- Oct 30, Piedmont 349 Crash, Bucks Elbow Mt., VA -- 26
611. 1959 -- Nov 7, USAF C-47 crashes after take-off, Tainan, Formosa (Taiwan) -- 15
612. 1959 -- Nov 16, National Airlines Flight 967, Brought Down, Gulf of Mexico¹⁰¹ -- 42
613. 1959 -- Nov 24, Trans World Air Flight 595 Takeoff Crash, Chicago, IL -- 11
614. 1959 -- Dec 1, Allegheny Air Approach Crash, ~Williamsport-Montoursville AP, PA-- 25

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

615. 1960 -- Jan 06, National Airlines Flight 2511 Blown-up, Bolivia, NC¹⁰² -- 34
616. 1960 -- Jan 16, USN P4M-1Q Mercator Crash, Karanfil Mountain, ~Adana, Turkey-- 16
617. 1960 -- Jan 18, Capital Airlines Flight 20 Crashes near Charles City, VA -- 50
618. 1960 -- Feb 25, USN R6D / DC-3 Collide in Fog off Rio de Janeiro, Brazil --61 (USN 35)
619. 1960 -- March 17, Northwest Flight 710 Breaks-up, Crashes near Tell City, IN -- 63
620. 1960 -- June 14, Plane Crash, Pacific Northern Airlines 201, Mt. Gilbert (9000 ft), AK--14
621. 1960 -- July 06, US Navy Dirigible Airship (Blimp) Crash off Barnegat City, NJ -- 18
622. 1960 -- July 11, US Air Mission Colombia USAF Crash, Mt Pichincha, Ecuador--18/US 12
623. 1960 -- July 27, Chicago Helicopter Airways Crash Forest Park, IL -- 13
624. 1960 -- Sep 08, Yokota AB USAF Weather B-50 Crash into Mt., near Ishikawa, Japan-- 11
625. 1960 -- Sep 19, World Air MAT Plane Crash, Agana Naval Air Station, Guam -- 80
626. 1960 -- Sep 22, USMC Douglas R5D-3 Plane Crash 180 miles off Naha, Okinawa -- 29
627. 1960 -- Oct 04, Eastern Airlines Electra Hits Birds, Crashes, Logan, Boston, MA -- 62
628. 1960 -- Oct 28, Northwest Airlines Crash, Missoula, MT -- 12
629. 1960 -- Oct 29, Arctic-Pacific Takeoff Crash, Toledo Express Airport, OH -- 22
630. 1960 -- Dec 16, United/TWA Crash, Staten Island/Brooklyn, NY -- 134
631. 1960 -- Dec 17, USAF C-131 Samaritan Takeoff Crash, Munich, Germany-51-53(20 U.S.)
632. 1961 -- Jan 26, USN C-118 Liftmaster Explos./Crash off Argentia, Newfoundland -- 23
633. 1961 -- May 24, USAF 51-0174 Globemaster Crash, McChord AFB, WA -- 22
634. 1961 -- July 11, United Flight 859 Crash/Fire, Stapleton, Denver, CO -- 18
635. 1961 -- Sep 01, TWA Flight 529 Crashes 9 Miles West of Chicago-Midway, IL -- 78
636. 1961 -- Sep 17, Northwest Flight 706, Takeoff Crash, O'Hare, Chicago, IL -- 37
637. 1961 -- Nov 08, Imperial Airlines Flight 201/8, Crashes, Richmond, VA -- 77
638. 1962 -- Mar 01, American Air Flight 1 Crashes, Jamaica Bay, Queens, NY -- 95
639. 1962 -- Mar 08, USAF C-130A Hercules Plane Crash near Alencon, western France-- 15
640. 1962 -- Mar 16, Flying Tiger Charter Flight 739 Disappears, Western Pacific -- 96
- 1962 -- May 09 USAF KC-135A Stratotanker Engine Failure, Crash, Loring, AFB, ME-- 6
641. 1962 -- May 22, Continental No. 11 Blown-Up over Unionville, MO¹⁰³ -- 45
642. 1962 -- May 22, USN WV2 Transport Breaks-up/Crashes, Markt Schwaben, Germany-- 26
- 1962 -- May 27, Dover AFB USAF C133 Cargomaster Crash, Atlantic off Dover, DE-- 6

¹⁰¹ Cross-listed in Violence-Mass Murder.

¹⁰² Cross-listed under Violence-Mass Murder.

¹⁰³ Cross-listed under Violence-Mass Murder

643.	1962 -- July 22, Plane Crash, Canadian Pacific Airlines, Honolulu, HI	--	27
644.	1962 -- Sep 04, Ashland Oil Co., Plane Crash, near Lake Milton, OH	--	13
645.	1962 -- Sep 10, USAF SAC Tanker Approach Crash, Mt. Kit Carson ~Spokane, WA--		44
646.	1962 -- Sep 22, US Navy Martin Marlin P5M Crash, Montague Island, Gulf of AK	--	10
647.	1962 -- Sep 23, Flying Tiger Military Air Transport Ditches, N. Atlantic	--	28
648.	1962 -- Nov 23, Plane/Bird Collision United 297, Near Ellicott City, MD	--	17
649.	1962 -- Nov 30, Approach Crash/Fog, Eastern Air 512, Jamaica, NY ¹⁰⁴	--	25
650.	1962 -- Dec 26, USN P5M1 Marlin Seaplane Lost at Sea 350M SW of San Diego, CA--		13

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

651.	1963 -- Jan 30, US Navy P-3A Crash, Atlantic, off Atlantic City, NJ	--	14
652.	1963 -- Feb 12, Northwest Air Flight 705 Crash, Everglades, near Miami, FL	--	43
653.	1963 -- June 03, Northwest Air 293 Crash, North Pacific, off Annette Island., AK	--	101
654.	1963 -- Aug 28, Apparent Mid-Air Collision, two USAF Tankers, off East Coast	--	11
655.	1963 -- Sep 22, USAF C-133A Cargomaster Crash, Atlantic SE Dover AFB, DE	--	10
656.	1963 -- Dec 08, Pan Am Flight 214 Crash (Lightning), Elkton, MD	--	81
	1963 -- Dec 23, USAF B-52 Stratofortress Crash after takeoff, Columbus AFB, MS--		9
657.	1964 -- Feb 03, South Central Air Takeoff Crash, Gainesville Airport, FL	--	10
658.	1964 -- Feb 25, Eastern Air Flight 304 Crashes in Lake Pontchartrain, LA	--	58
659.	1964 -- Mar 01, Paradise Air Flight 901A, Crash/Snowstorm, Genoa Peak, NV	--	85
660.	1964 -- May 7, Mass Murder, Pilot Shot/Plane Crash, Pac. Air 773, ~San Ramon, CA ¹⁰⁵	--	44
661.	1964 -- May 11, USAF C-135 hits fence/crashes, landing, Clark US AB, Philippines-78-80		
662.	1964 -- May 11, USN P2V Plane Crash, Atlantic, 25 mls SW of US AB Rota, Spain	--	10
663.	1964 -- Jun 29, USAF Stratofreighter & C-54 Collide near Kindley US AFB, Bermuda--		17
664.	1964 -- July 09, United Air Flight 823 Fire/Crash near Parrottsville, TN	--	39
665.	1964 -- Oct 27, Navy Plane Crash into Commissary, El Centro NAS, CA	--	12
666.	1964 -- Nov 15, Bonanza Air Flight 114 Crashes Near Las Vegas, NV	--	29
667.	1964 -- Nov 17, USN P-3A Orion Landing Crash, Fog, USN Base, Argentina NFL ¹⁰⁶	--	10
668.	1964 -- Nov 27, USN Lockheed P-2V Neptune Crash, Cape Newenham, AK	--	12
669.	1965 -- Jan 16, USAF SAC Tanker Crash, Neighborhood, Wichita, KS	--	30
670.	1965 -- Feb 08, Eastern Air # 663, Crashes, Jones Beach State Park, NY	--	84
671.	1965 -- June 15, US Army Helicopters Mid-Air Collision, Columbus, GA	--	18
672.	1965 -- June 25, USAF Boeing KC-135 Crash, El Toro Air Force Base, CA	--	85
673.	1965 -- July 11, Fire, Plane Crash, USAF Constellation, 100M off Nantucket, MA	--	16
674.	1965 -- Aug 16, 1965, United Flight 389 Crashes, Lake Michigan, off IL	--	30
675.	1965 -- Nov 08, American 383 Crash, ~Cincinnati/N KY Airport, Constance, KY	--	58
676.	1965 -- Nov 11, United 227 Approach Crash, Salt Lake City Airport, UT	--	43
677.	1965 -- Nov 27, Edde Airlines N485 Crash, Salt Lake City, UT	--	13
678.	1966 -- Apr 09, US Navy Orion P-3A Crashes into Pacific 300km off San Diego, CA--		11

¹⁰⁴ Cross-listed under Fog as contributing condition.

¹⁰⁵ Cross-listed in Violence-Mass Murder.

¹⁰⁶ Cross-listed in Fog as a Contributing Factor.

679.	1966 -- Apr 22, American Flyers Airline Flight 280/D Crash, NE, Ardmore, OK	--	83
680.	1966 -- May 18, USAF KC-135 Stratotanker takeoff Crash, Kadena AB, Okinawa	--	12
681.	1966 -- Oct 01, West Coast Air 956 Crash, Salmon Mt., near Wemme, OR	--	18
682.	1966 -- Oct 08, Petroleum Helicopter, Bell 204B, goes into Gulf ~Morgan City, LA	--	11
683.	1966 -- Nov 11, USAF Constellation Crash, Atlantic, E. of Cape Cod, MA	--	19

AVIATION Disasters -- Master Set— Deadliest American – CHRONOLOGICAL

684.	1967 -- Mar 05, Lake Central Airlines Flight 527 Crash near Marseilles, OH	--	38
685.	1967 -- Mar 09, TWA # 553/Beechcraft Mid-Air Collision, Urbana, OH	--	26
686.	1967 -- Mar 30, Delta Air 9877 training crash into motel complex, Kenner, LA	--	19
687.	1967 -- Apr 25, USAF Super Constellation Fire, off Nantucket Island, MA	--	15
688.	1967 -- Jun 23, USMC Helicopters Collide, New River Marine Corps Air Fac., NC	--	22
689.	1967 -- June 23, Mohawk Air Flight 40 Fire/Crash, Near Blossburg, PA	--	34
690.	1967 -- July 19, Piedmont Flight 22 Collision Cessna 310, Asheville, NC	--	82
691.	1967 -- Nov 20, TWA Flight 128 Crashes, Constance, KY	--	70
692.	1967 -- Dec 14, USAF Lockheed P-2 Neptune Crash, Juneau, AK	--	14
693.	1968 -- Jan 10, USMC R5D-2 (C54) Plane Crash, Mt. Tobin, Copper Canyon, NV	--	19
694.	1968 -- Jan 17, USAF Stratotanker Takeoff Crash, Minot AFB, ND	--	13
695.	1968 -- Apr 01, Navy P3B Coastal Surveillance Shot Down, Gulf of Thailand ¹⁰⁷	--	12
696.	1968 -- May 03, Braniff Flight 352 Crashes, Thunderstorm, Houston to Dallas TX	--	85
697.	1968 -- May 22, Sikorsky Helicopter Break-up, LA Air, Paramount, CA	--	23
698.	1968 -- Jul 28, USAF C-124A, GA Reserve, Crash, 50 miles NW of Recife, Brazil	--	10
699.	1968 -- Aug 10, Piedmont Air 230 Plane Crash/Fog, Charleston, WV ¹⁰⁸	--	35
700.	1968 -- Aug 14, Helicopter Crash, Los Angeles Air Sikorsky, Compton, CA	--	21
701.	1968 -- Oct 25, Approach Crash/Fog, Northeast Air 946, Moose Mt., NH ¹⁰⁹	--	32
702.	1968 -- Dec 2, Wien Consolidated Air #55 loses wing/turbulence/crashes, Pedro Bay, AK-	39	
703.	1968 -- Dec 27, Plane Hits Hangar/Fog, No. Central Air 458, O'Hare, IL ¹¹⁰	--	28
704.	1968 -- Dec 24, Plane Crash/Snowstorm, Allegheny Air 736, Bradford, PA	--	20
705.	1969 -- Jan 06, Allegheny Air Flight 737 Approach Crash, Bradford, PA	--	11
706.	1969 -- Jan 13, SAS Flight 933 Approach Crash, Santa Monica Bay, CA	--	15
707.	1969 -- Jan 18, United Flight 266 System Failure/Crash, Ocean off LA, CA	--	38
708.	1969 -- Feb 04, USAF HC-130 Rescue Plane Crash into Sea off Taiwan	--	13
709.	1969 -- Feb 05, Crash, Angeles Flying Service, Clallam Ct AP, Port Angeles, WA	--	10
710.	1969 -- Feb 18, Hawthorne NV/Mineral Co. 708 Crash,, Mt. Whitney, CA	--	35
711.	1969 -- Mar 05, Crash, PR Int. Airlines, Sierra de Luquillo Mts., San Juan, PR	--	19
712.	1969 -- Mar 08, USAF C130 Crash short of runway, Ching Chuan Kang AB, Taiwan--	12	
713.	1969 -- Mar 20, Approach Crash/Fog/Fire, Avion Charter, New Orleans, LA ¹¹¹	--	16
714.	1969 -- Apr 14, Navy EC-121M Shot Down by North Korea, Sea of Japan ¹¹²	--	31

¹⁰⁷ Cross-listed in Violence (Attack).

¹⁰⁸ Cross-listed in Fog as contributing condition.

¹⁰⁹ Cross-listed in Fog as contributing condition.

¹¹⁰ Cross-listed under Fog as contributing condition.

¹¹¹ Cross-listed under Fog as contributing condition.

715.	1969 -- June 05, USAF Recon Plane Crash off Shemya, AK	--	19
716.	1969 -- June 23, Dominicana de Aviacion Takeoff Crash, Miami IAP, FL	--	10
717.	1969 -- July 06, Air South 168 System Failure/Crash, near Monroe, GA	--	14
718.	1969 -- Sep 09, Allegheny Air Flight 853/Piper Collision, Fairland, IN	--	83
719.	1969 -- Nov 19, Crash, Mohawk Airlines Flight 411, ~Glens Falls, NY	--	14
720.	1969 -- Dec 05, Lockheed Lodestar Plane Crash, NE Albuquerque, NM	--	11
721.	1969 -- Dec 22, U.S. Navy F-8 Jet Crash, Miramar Naval Air Station, CA	--	14

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

722.	1970 -- May 02, Plane Crash, Overseas National Air, near St. Croix, Virgin Islands	--	23
723.	1970 -- May 04, USAF Convair T-29D Crash, near Hamilton AFB, CA	--	13
724.	1970 -- Jul 05, Air Canada Flight 621 Plane Crash near Toronto, Canada	--24 (US) of 109	
725.	1970 -- Aug 03, Navy P3A Orion, Lightning, Turbulence Breakup, ~Searchlight, NV ¹¹³	--	10
726.	1970 -- Aug 09, Lansa Flight 502 takeoff crash near Cuzco Airport, Peru	--101 (US 54-55)	
727.	1970 -- Sep 08, Trans International Air 893, Takeoff Crash, JFK AP, NY	--	11
728.	1970 -- Oct 02, Golden Eagle Aviation Crash, WSU FB team, w. of Silver Plume CO	--	32
729.	1970 -- Oct 2, USAF C-130 Transport Plane Crash into mountain near Taipei, Taiwan	--	43
730.	1970 -- Nov 14, Southern Airways Flight 932 Crash, Huntington, WV,	--	75
731.	1970 -- Nov 27, Capitol Air Douglas DC-8 Takeoff Crash, Anchorage, AK	--	47
	1970 -- The Year. ¹¹⁴		
732.	1971 -- May 06, Apache Airlines Carstedt Jetliner Crash, Coolidge, AZ	--	12
733.	1971 -- June 06, Hughes Air 706/Marine Corps Phantom II Collide, Duarte, CA	--	50
734.	1971 -- June 07, Approach Crash/Fog, Allegheny Airlines New Haven CT ¹¹⁵	--	28
735.	1971 -- June 13, USAF C-135B monitoring French Nuclear Test, Lost, Pacific	--	24
736.	1971 -- June 27, Takeoff Crash, Sea Park Airlines, Shelter Cove, CA	--	17
737.	1971 -- Aug 18, USAF Chinook Helicopter explodes in air, Pegnitz, West Germany	--	37
738.	1971 -- Sep 4, Juneau approach crash, Alaska Air 1866, Mt. Fair (Chilkats), AK	--	111
739.	1971 -- Sep 16, Scenic Airlines Cessna 402 Crash, Peach Springs, AZ	--	10
740.	1971 -- Oct 21, Approach Crash/Fog, Chicago & Southern 804, Peoria, IL ¹¹⁶	--	16
741.	1971 -- Nov 12, USAF Lockheed C-130 Hercules Crash, Little Rock AFB, AR	--	10
	1972 -- Feb 19, USAF C-130 and T-37 Planes Collide, NE of Little Rock AFB, AR	--	5
742.	1972 -- Mar 03, Mohawk Airlines N7818M Crash, Albany, NY	--	17
743.	1972 -- May 29, Petroleum Helicopter Crash, Oil Platform Workers, Dulac, LA	--	11
744.	1972 -- Jun 03, Brunswick ME-based USN Orion 152182 Crashes into Moroccan Mt.	--	14

¹¹² Cross-listed in Violence (Attack).

¹¹³ Cross-listed in Lightning.

¹¹⁴ Concerning these ten aviation events, there are ways to look at these events and loss of life and there are other ways. Col. Edgar A. Haine has written: "In 1970 there were no scheduled airline fatalities in the United States, which was the best record since 1938 when air accidents were first tabulated by the Federal government. Considering all air operations including domestic, overseas, and cargo flights, 1970 had the second lowest fatality frequency since 1957. While luck had a part in this achievement, the advent of the jumbo jet Boeing 747 helped make these statistical improvements." (Haine, Edgar A. *Disaster in the Air*. NY: Cornwall Books, 2000, p. 23.)

¹¹⁵ Cross-listed under Fog as contributing condition.

¹¹⁶ Cross-listed under Fog as contributing condition.

745.	1972 -- Jun 29, Mid-Air Collision, N. Cent. Air/Air Wisc., Appleton, WI	--	13
746.	1972 -- Sep 24, Plane Crash/Fire, Farrell's Ice Cream Parlor, Sacramento, CA ¹¹⁷	--	22
747.	1972 -- Nov 17, Metro Air System (N2700S) Crash, Elkton, KY	--	11
748.	1972 -- Dec 05, USAF C-130 Talon Collides with SC ANG F-102, near Conway, SC--		13
749.	1972 -- Dec 08, United Flight 533 Crashes, Midway Airport, Chicago, IL	--	45
750.	1972 -- Dec 20, Planes Collide/Fog, No. Central & Delta, O'Hare Chicago, IL ¹¹⁸	--	10
751.	1972 -- Dec 29, Eastern Airlines Flight 401 Crash, Everglades, FL	--	101

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

752.	1973 -- Feb 07, Navy Corsair II Plane Crash/Apartment Bldg., Fire, Alameda, CA ¹¹⁹	--	11
753.	1973 -- Mar 08, USAF Douglas C-47 Crash, Silk Hope, NC	--	14
754.	1973 -- Apr 12, Planes Collide, NASA Convair/NAVY P-3C Orion, Sunnyvale CA	--	16
755.	1973 -- July 23, Ozark Air Flight 809 Crash, Hit by Downburst, St. Louis, MO	--	38
756.	1973 -- July 31, Delta Air Flight 723 Crash/Fog, Seawall, Logan, Boston, MA ¹²⁰	--	89
757.	1973 -- Sep 27, Texas International Air N94230 Crash, Black Fork Mt., AR	--	11
758.	1973 -- Dec 11, US Navy R6D-1 Crash, Great Sitkin Island (Adak approach), AK	--	10
759.	1974 -- Jan 06, Air East Airlines N125AE Crash, Johnstown, PA	--	12
760.	1974 -- Jan 30, Pan Am 806 Plane Crash, Pago-Pago, American Samoa	--	97
761.	1974 -- Mar 13, Sierra Pacific Air Convair CV-440 Crash, Bishop, CA	--	36
762.	1974 -- Apr 11, Plane Crash, Island Air Beechcraft 18 (N28358) Kahului, HI	--	11
763.	1974 -- Sep 11, Eastern Air Flight 212 Crashes in Fog, Charlotte, NC	--	72
764.	1974 -- Dec 01, TWA Flight 514 Flies Into Mt. Weather, VA,	--	92
765.	1975 -- Jan 9, Planes Collide, Golden West Air #261/Cessna, Whittier, CA	--	14
	1975 -- Jan 9, USAF T29D and Cessna Collide 4 miles west of Newport News, VA--		9
766.	1975 -- Mar 20, USAF Transport Crash, Olympic National Park, Quilcene, WA	--	16
767.	1975 -- Apr 4, Operation Babylift C-5 Crash ~Tan Son Nhut AB, Vietnam-50-52US of 155		
768.	1975 -- June 24, Eastern Flight 66 Crashes, Microburst, JFK Airport, NY	--	113
769.	1975 -- Aug 30, Wien Air Alaska approach crash in fog, Sevuokuk Mt. ~Gambell, AK--		10
770.	1975 -- Sep 26, USAF Sikorsky CH-53 Helicopter Crash, east of Paderborn, Germany--		16
771.	1976 -- Apr 23, Petroleum Helicopters Inc. Crash, Gulf of Mex., off coast of LA	--	12
772.	1976 -- Apr 27, American Air Flight 625, Crash, St. Thomas, Virgin Islands	--	37
773.	1976 -- Aug 28, USAF Crash, severe thunderstorm rips wing, ~Peterborough, UK	--	18
774.	1976 -- Aug 28, USAF C41 Starlifter Crash, Soendre Stromfjord AFB, Greenland ¹²¹	--	13/23
775.	1976 -- Sep 26, USAF KC-135 (61-0296) Crash, Alpena, MI	--	15
776.	1976 -- Sep 26, Crash, Johnson & Johnson Gulfstream, Hot Springs, AR	--	11

¹¹⁷ Cross-listed under Fire.

¹¹⁸ Cross-listed in Fog as a Contributing Factor.

¹¹⁹ Cross-listed in Fire-Structural. The pilot was believed to have died prior to the crash, one person on the ground killed by the crash, and eight by fire, with one additional death to an unattributed cause.

¹²⁰ Cross-listed in Fog as contributing condition.

¹²¹ There were 13 immediate U.S. fatalities and 8 Greenland (Dutch) passenger fatalities. Two other people died about two weeks later – I think they also were Greenland passengers. Greenland is an autonomous country within the Kingdom of Denmark. (*Wikipedia*. "Greenland.")

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

777. 1977 -- Feb 24, Pennsylvania Government N631PT Crash, Harrisburg, PA -- 10
 778. 1977 -- Mar 27, KLM 4805/Pan Am 1736 Collide, fog, Tenerife Airport, Canary Is. --~339
 779. 1977 -- Apr 04, Thunder/Hailstorm, Southern Air Flight 242 Crash, Hope, GA¹²² -- 72
 780. 1977 -- Jun 21, USN TACAMO EC130Q Hercules Takeoff Crash, off Wake Island -- 16
 781. 1977 -- Sep 6, Alaska Aeronautical Industries fl. 302 Plane Crash, Mt. Iliamna, AK -- 13
 782. 1977 -- Sep 14, USAF EC-135K Crash, Mt., Manzano range, ~Albuquerque, NM -- 20
 783. 1977 -- Dec 08, Petroleum Inc. Helicopter hits crane cable, Intracoastal City, LA -- 17
 784. 1977 -- Dec 11, BNAS-based USN Orion Crash, Fog, El Hierro Mt., Canary Islands-- 13
 785. 1977 -- Dec 13, Univ. of Evansville Basketball Charter Plane Crash, Evansville, IN -- 29
786. 1978 -- Feb 10, Columbia Pacific Airlines N199EA Crash, Richland, WA -- 17
 787. 1978 -- Aug 25, Webber Air charter crash, Sumner Strait, NW of Prince of Wales Isl., AK-12
 788. 1978 -- Aug 30, Las Vegas Airlines (N44LV) Crash, North Las Vegas, NE -- 10
 1978 -- Sep 08, USAF C130 Crash into mountain, ~8 miles N of Little Rock AFB, AR-- 8
 789. 1978 -- Sep 25, Pacific Southwest 182/Private Plane Crash, San Diego, CA -- 144
 790. 1978 -- Oct 06, USN C-118 Transport Crashes into hill in Fog near Santiago, Chile -- 16
 791. 1978 -- Nov 30, Plane Crashes; USAF C-130 Cottageville, SC; Piper, Albany AP, GA-- 11
 1978 -- Dec 10, USAF C-130 Hercules Plane Crash, landing phase, Ft. Campbell, KY-- 5
 792. 1978 -- Dec 28, United Airlines N8082U Crash, Portland, OR -- 10
793. 1979 -- May 25, American Airlines #191 takeoff crash, O'Hare IAP, Chicago, IL -- 273
 794. 1979 -- May 30, Downeast Airlines #46 approach crash, Owls Head ~Rockland, ME-- 17
 795. 1979 -- June 11, US Forest Service Plane Crash, Selway Riv., Nez Perce Nat. Forest, ID-10
 796. 1979 -- Sep 14, Butler Aircraft Inc. DC-7 Plane Crash, Surveyor Mountain, OR -- 12
 797. 1979 -- Oct 27/28, Mexican General Prosecutor Office Plane Crash, San Ysidro, CA-- 10
 798. 1979 -- Oct 31, Western Airlines Flight 2605 crash, Mexico City Int. Airport --34 US of 73
 799. 1979 -- Nov 28, Air New Zealand sightseeing crash, Mount Erebus, Antarctica-24US of 257
800. 1980 -- Mar 14, USAF C130 Wing Explosion and Crash near Yenice, Cilicia, Turkey -- 18
 801. 1980 -- Mar 14, Polish Air approach crash (US boxing team) ~Warsaw AP, Poland--87, US/31
 802. 1980 -- March 27, Lufkin Inc., Beechcraft plane crash (icing), fire, ~Parker, CO -- 10
 803. 1980 -- June 12, Air Wisconsin flight 965 crash (storm, engine failure), Valley, NE -- 13
 804. 1980 -- Aug 6, Air Logistics helicopter crash with oil platform workers, off Houma, LA-13
 805. 1980 -- Sep 12, Florida Commuter Airlines Crash (not found) off Freeport, Bahamas-- 34
806. 1981 -- Feb 26, USAF MC-130 Plane Crash, off NAS Cubi Pt., Philippines --(17 US) 23
 807. 1981 -- Apr 17, Planes Collide, Air US 716 & Sky West Parachute, Loveland, CO -- 15
 808. 1981 -- May 26, USN EA-68 Prowler Crash, USS *Nimitz*, off Jacksonville, FL¹²³ -- 14
 809. 1981 -- May 06, USAF EC-135N Crash, Walkersville, near Frederick, MD -- 21
 810. 1981 -- Dec 5, Crash (pilot error), Jump Hawaii Club Beechcraft C-45, Honolulu, HI-- 11

¹²² Cross-listed in Hail as a contributing condition.

¹²³ Cross-listed in Maritime.

- 811. 1982 -- Jan 13, Air Florida 90 Crash, 14th St. Bridge/Potomac River, Wash., DC -- 78
- 812. 1982 -- Mar 19, USAF KC-135 Tanker Explosion / Crash near Wonder Lake, IL -- 27
- 813. 1982 -- July 9, Pan Am 759 takeoff crash (windshear), NOIA, Kenner, LA¹²⁴ --153-154
- 814. 1982 -- July 28, Last Days Ministries sight-seeing takeoff Plane Crash, Lindale, TX-- 12
1982 -- Aug 31, USAF C-141 transport plane crash, John's Knob, Cherokee Nat., TN-- 9
1982 -- Sep 11, USAF Chinook Crash, Airshow, near Mannheim, Germany --46, U.S. 7-8
- 815. 1982 -- Oct 17, Private Beechcraft C-45 Parachuting Jump Plane Crash near Taft, CA-- 14

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

- 816. 1983 -- Apr 30, USN C-131 Eng. Fire/Crash, St. John's Riv., ~Jacksonville NAS, FL-- 14
- 817. 1983 -- June 2, Air Canada Fl. 797 in-flight hidden fire, emer. landing, Covington, KY-- 23
- 818. 1983 -- June 16, US Navy P-3B Orion (152720) Crash in Mountain, Kauai, HI -- 14
1983 -- July 10/11, US Army CH-47 Chinook Helicopter Crash, South Fox Island, MI-- 6
- 819. 1983 -- Aug 17, Las Vegas Airlines Flight 88 flies into mountain, Grand Canyon, AZ-- 10
- 820. 1983 -- Aug 21, Landry Aviation plane with skydivers stalls/crashes, Silvana, WA -- 11
- 821. 1983 -- Oct 11, Air Illinois (N748LL) Crash, Pinckneyville, IL -- 10

- 822. 1984 -- Feb 29, USAF C-130 Hercules Plane Crash, near Borja, Spain --(17 US) of 18
- 823. 1984 -- Mar 24, USMC Helicopter Crash into Mt., 24M N. of Pohang So. Korea --18 of 29
- 824. 1984 -- Aug 24, Wings West Air (15) & Rockwell Comd. (2) collide, San Luis Obispo, CA-- 17
- 825. 1984 -- Dec 6, Provincetown-Boston Airlines 1039 takeoff crash, Jacksonville AP, FL-- 13

- 826. 1985 -- Jan 21, Galaxy Air Charter Flight 203 Crashes, Reno NV -- 70
- 827. 1985 -- Jan 22, USAF Plane Crash in Sea on approach to Trujillo Airport, Honduras -- 21
- 828. 1985 -- May 6, USMC CH-53D Helicopter Crash into Sea of Japan off Yakushima -- 17
- 829. 1985 -- Aug 2, Delta Flight 191, Wind Shear, Crash, Dallas-Fort Worth IAP, TX -- 137
- 830. 1985 -- Sep 6, Midwest Express Airlines 105 crash upon departure, Milwaukee, WI -- 31
- 831. 1985 -- Sep 23, Henson Airlines 1517 approach crash, Hall Mt. (~Staunton), VA -- 14
- 832. 1985 -- Sep 29, Skydiving Crash, Westwind Sports/Parachute Ctr., Jenkinsburg, GA-- 17
- 833. 1985 -- Dec 12, Crash, US Mil. Charter, Arrow Air #1285, Gander, NFLD, Can. -- 256
1985 -- Dec 31, Century Equip. C-47 Plane Fire/Crash (Ricky Nelson), ~DeKalb, TX-- 7

- 1986 -- Jan 28, *Challenger* Space Shuttle Break-up (O-Ring) Cape Canaveral, FL -- 7
- 834. 1986 -- Apr 02, Plane Crash, USAF Hercules C-130 Magdalena, NM -- 11
- 835. 1986 -- Jun 18, Grand Canyon Air/Helitech Helicopter Collide, Grand Canyon, AZ -- 25
1986 -- Aug 29, USN CH-46 Helicopter Crash, Carrier USS *Saipan* off Bodoe, Norway-- 8

- 836. 1986 -- Aug 31, Aeronaves de Mexico 498 & Piper collide, Cerritos, CA (15 on ground)--82

- 837. 1987 -- Jan 15, Sky West N163SW Crash, Slat Lake City, UT -- 10
1987 -- March 4, Northwest AirlinK Crash, Detroit/Wayne County Airport, Romulus, MI-9
- 838. 1987 -- July 4, Private (band) Beechcraft crash, near Flathead Lake, Lakeside, MT -- 10
- 839. 1987 -- Aug 16, Northwest Airlines Flight 255 takeoff crash, hits cars, Detroit, MI -- 156

¹²⁴ The difference in number of fatalities has to do with whether or not one includes the death of an unborn seven-month-old fetus. On July 13, 1982 the Jefferson Parish coroner added the unborn fetus to his list of deaths (154).

- 1987 -- Sep 28, Bird Strike and Plane Crash, USAF B1-B, La Junta, CO -- 3
 840. 1987 -- Oct 20, USAF A-7D Jet Crash, Ramada Inn, Wayne Twp., ~Indianapolis, IN-- 10
 841. 1987 -- Nov 15, Continental Airlines Flight 1713 DC-9 takeoff crash, Denver, CO -- 28
 842. 1987 -- Nov 23, Ryan Air Flight 103, Beechcraft 1900C, approach crash, Homer, AK-- 18
 843. 1987 -- Dec 07, Pacific SW No, 1771 Hijacked/Crashed, Cayucos, CA¹²⁵ -- 43
 844. 1987 -- Dec 21, Petroleum Helicopters, Inc. oil rig landing crash, Gulf of Mex. off LA-- 15

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

845. 1988 -- Feb 19, AVAir Inc. Fairchild Metro III (Air Virginia) takeoff crash, Cary, NC-- 12
 846. 1988 -- March 8, US Army Blackhawks collide mid-air, Fort Campbell, KY/TN¹²⁶ -- 17
 1988 -- Jun 08, Air Nat. Guard C-130 Crash, touch-and-go-landing, Greenville, MS-- 6
 847. 1988 -- Aug 31, Delta Air flight 1141 takeoff crash/fire, Dallas/Fort Worth AP, TX-- 14
 848. 1988 -- Oct 25, USMC CH-46/UH-1N Helicopters Crash, Goldwater Gun. Range, AZ-- 10
 849. 1988 -- Dec 21, Pan Am Flight 103 Blown-Up over Lockerbie, Scotland-¹²⁷ (189 U.S.) 270

 850. 1989 -- Jan 31, USAF SAC Tanker Crash, Dyess Air Force Base, TX -- 19
 851. 1989 -- Feb 19, Las Vegas Flyers Cessna 402 crash, Santa Ana Mts. ~Corona, CA -- 10
 852. 1989 -- Mar 12, USAF CH-3C 'Copter Crash 20 mls NW of Tucson, ~Marana, AZ -- 15
 853. 1989 -- Mar 20, USMC Sea Stallion Helo Engine Mal./Crash, Mt., ~Pohang, S. Korea-- 19
 854. 1989 -- May 29, USMC CH46 Sea Knight Helicopter Crashes, Trng. Ex., off Okinawa-- 14
 855. 1989 -- June 11, Plane Crash, Scenic Air Tours (N34AP) Waipio Valley, HI -- 11
 856. 1989 -- July 19, United Flight 232 hydraulic system failure/crash, Sioux City, IA¹²⁸ -- 112
 857. 1989 -- Sep 27, Grand Canyon Airlines Flight 5 (sightseeing) Crash, Tusayan, AZ -- 10
 858. 1989 -- Oct 28, Aloha IslandAir Flight 1712 crash into high terrain, Molokai, HI -- 20
 1989 -- Dec 01, Plane Crash, US Army CASA 212, Patuxent River NAS, MD -- 5

 859. 1990 -- Jan 25, Avianca #52 runs out of fuel/crashes, Cove Neck, Long Island, NY -- 73
 860. 1990 -- Aug 29, USAF C-5A Galaxy Plane Crash, Ramstein U.S. Air Base, Germany-- 13

 861. 1991 -- Feb 1, Landing plane (USAir) collides with plane awaiting takeoff, LAX, CA-- 34
 1991 -- Feb 3, Cessna 182 Parachute Plane collides with private plane, Osceola, WI-- 7
 862. 1991 -- March 3, United Air Boeing 737 Crash, Colorado Springs, CO -- 25
 863. 1991 -- Mar 16, Reba McEntire band charter plane crash, Otay Mt. ~San Diego, CA-- 10
 864. 1991 -- March 21, Mid-Air Col., US Navy P-3C's, SW off San Diego, CA -- 27
 865. 1991 -- Apr 5, Atlantic Southeast Air Flight 2311 AP approach crash, Brunswick, GA-- 23
 866. 1991 -- July 10, Plane Crash, L'Express Airlines Flight 508, near Birmingham, AL -- 13
 867. 1991 -- Sep 11, Continental Express 2574 breakup and crash, near Eagle Lake, TX -- 14

 868. 1992 -- Feb 6, KY ANG C-130 Hercules Crash, Hotel/Rest. complex, Evansville, IN-- 17
 869. 1992 -- March 22, US Air 405, Icing, Takeoff Crash, LaGuardia, NY -- 27
 870. 1992 -- April 22, Plane Crash, Perris Valley Aviation (Skydiving), Perris, CA -- 16

¹²⁵ Cross-listed in Violence-Mass Murder.

¹²⁶ The collision occurred over western KY-TN border, with one Blackhawk falling on KY side, the other in TN.

¹²⁷ Cross-listed in Violence-Bombing and Violence-Terrorism.

¹²⁸ 111 deaths at the time and one of the seriously injured who died 31 days later from their burn injuries.

- 1992 -- May 28, U.S. Marine Corps Hornet Crash due to birdstrike, near Gainesville, FL--1
 871. 1992 -- June 19, Adventure Air Crash, Grand Canyon sightseeing, ~Meadview, AZ -- 10
 872. 1992 -- Sep 07, Beechcraft Parachuting Plane Crash, Hinckley, IL -- 12
 1992 -- Oct 7, WV Air National Guard C-130 Crash, Berkeley Springs, WV -- 6
 873. 1992 -- Nov 30, Two USAF C-141 Transports Collide Mid-Air, near Harlem, MT -- 13

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

874. 1993 -- Dec 1, Terrain Express II Airlines/Northwest AirlinK Crash, Hibbing, MN -- 18
875. 1994 -- Jan 5, Kimura International Air (charter) crash, near Fort Drum, FL -- 10
 876. 1994 -- Mar 23, USAF C-130/F-16 Collide, F-16 hits troops on ramp, Pope AFB, NC-- 24
 877. 1994 -- Apr 14, 2 USAF F-15s Shootdown 2 USA Black Hawks, No. Iraq --15US of 26
 878. 1994 -- June 18, Mexican Charter Learjet Crash, Dulles IAP approach, Chantilly, VA-- 12
 879. 1994 -- July 02, US Air Douglas DC-9 Crash, Charlotte, NC -- 37
 880. 1994 -- Sep 08, US Air Flight 427 crashes, Aliquippa, near Pittsburgh Airport, PA -- 133
 881. 1994 -- Oct 31, American Eagle Flight 4148 Crashes, Icing, Roselawn, IN -- 68
 882. 1994 -- Dec 13, American Eagle Flight 3379 (Flagship Air) Approach Crash, ~Raleigh, NC-- 15
- 1995 -- Apr 17, Plane Crash, USAAF C-21 Learjet, near Alexander City Airport, AL-- 8
 1995 -- Aug 21, Plane Crash, Atlantic Southeast Airlines 529, near Carrollton, GA¹²⁹-- 9
883. 1995 -- Sep 10, Plane Crash, Peninsula Sky Diving Club, West Point, VA -- 12
 884. 1995 -- Sep 22, USAF AWACS Sentry Bird Strike Crash, Elmendorf AFB, AK -- 24
- 1996 -- Mar 07, US Army Chinook from Fort Campbell Crashes near Olmstead, KY-- 5
885. 1996 -- Apr 03, USAF Plane Crash (Sec. Com. Ron Brown) ~Dubrovnik, Croatia -- 35
 886. 1996 -- May 10, Two U.S. Marine Helicopters Collide. Camp LeJeune, NC -- 14
 887. 1996 -- May 11, ValuJet Flight 592 cargo hold fire and crash, Everglades, FL -- 110
 1996 -- June 18, Army transport helicopters collide and crash, Fort Campbell, KY -- 6
 888. 1996 -- July 17, TWA Flight 800, From JFK Explodes Over Ocean off NY -- 230
 1996 -- Aug 17, USAF C-130 Crash, Presidential support mission, ~Jackson Hole, WY-- 9
 889. 1996 -- Nov 19, Collision, United Express 5925/Beechcraft, Quincy, IL -- 14
 890. 1996 -- Nov 22, USAF Hercules Engine Loss/Crash, Pacific ~Cape Mendocino, CA-- 10
891. 1997 -- Jan 9, Comair 3272 Crash, Snowstorm/Icing, near Monroe & Detroit, MI -- 29
 892. 1997 -- Aug 6, Korean Air 801 approach crash to Antonio B. Won IAP, Guam --229/US 13
893. 1998 -- Sep 2, Swissair 111 (NY to Geneva) crashes off Peggy's Cove, N.S., Can--229 (US117)
894. 1999 -- June 01, American Airlines 1420, Storm/Landing Collis., Little Rock, AR -- 11
 895. 1999 -- July 31, Takeoff crash/Parahawks Skydiving Center plane, Marine City, MI-- 10
 896. 1999 -- Sep 25, Big Island Air Piper Crash (N411WL) Kailua Kona, HI -- 10
 897. 1999 -- Oct 31, Egypt Air 990 Crash, Mass Murder, off Nantucket Island, MA¹³⁰ -- 217

¹²⁹ Eight fatalities at the time or shortly thereafter; one passenger four months later due to burns/inhalation injuries.

¹³⁰ Cross-listed in Violence-Mass Murder

898. 2000 -- Jan 31, Alaska Airlines Flight 261 Crash, Off Point Mugu, Ventura Co., CA-- 88
 899. 2000 -- Apr 8, USMC Tilt-rotor Osprey V-22 Crash, Marana Airport ~Tucson, AZ -- 19
 900. 2000 -- May 21, Charter Plane Crash (Low Fuel), Executive Air, ~Wilkes Barre, PA-- 19
 901. 2000 -- Aug 9, USN Charter Patuxent Air & Private Plane Collide, Burlington, NJ -- 11

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

902. 2001 -- Jan 27, Charter Plane Crash, OK St Univ. Basketball Members, Strasburg, CO-- 10
 903. 2001 -- March 3, USAF C-23 Plane Crash (VA NG (18) FL ANG (3)), Unadilla, GA-- 21
 904. 2001 -- March 29, Avjet Corp. Gulfstream III charter crash on approach, Aspen, CO -- 18
 905. 2001 -- Sep 11, American Airlines #77, Pentagon Attack, Arlington VA¹³¹ -- 189
 906. 2001 -- Sep 11, American Air Hijacked, Flown into Pentagon, Arlington VA¹³² -- 64
 907. 2001 -- Sep 11, American 11 Hi-hacked, flown into WTC North, NY¹³³ --1,392-1,431
 908. 2001 -- Sep 11, American Air 11 Hijacked, flown into WTC North, NY¹³⁴ -- 87
 909. 2001 -- Sep 11, United Air 175 Hi-jacked, flown into WTC South, NY¹³⁵ -- 665
 910. 2001 -- Sep 11, United Air 175 Hi-jacked, flown into WTC South, NY¹³⁶ -- 60
 911. 2001 -- Sep 11, United Airlines N591UA Hijacked, Crashed, Shanksville, PA¹³⁷ -- 45
 912. 2001 -- Oct 10, PenAir flight 350 crash after takeoff (wing icing), Dillingham, AK -- 10
 913. 2001 -- Nov 12, American Airlines flight 587 Crash, Bell Harbor, Queens, NY -- 265
914. 2002 -- Aug 7, Plane Crash, USAF Combat Talon II, Caguas, Puerto Rico -- 10
915. 2003 -- Jan 8, Air Midwest Flight 5481 takeoff crash (no survivors), Charlotte, NC -- 21
 916. 2003 -- Mar 11, US Army Blackhawk Helicopter Crash, Fort Drum, NY -- 11
917. 2004 -- Oct 19, Corporate Airlines (N875JX) Crash, Kirksville, MO -- 13
 918. 2004 -- Oct 24, Hendrick Motorsports N501RH Crash, Martinsville, VA -- 10
919. 2005 -- Dec 19, Chalk's Ocean Airways Flight 101 Crash, off Miami, FL -- 20
920. 2006 -- Aug 27, Comair Flight 5191 Takeoff Crash, Lexington, KY -- 49
935. 2007 -- Oct 7, Plane crash, Kapowsin Air Sports (skydiving), near Naches, WA -- 10
921. 2008 -- Aug 22, Red Canyon Aesthetics/Medical Spa Plane Crash, near Moab, UT -- 10
- 2009 -- Jan 4, Sikorsky Helicopter hits hawk after takeoff, crashes ~Morgan City, LA-- 8
 922. 2009 -- Feb 12, Colgan Air/Continental Flight 3407 Crash, Clarence Center, NY -- 50
 923. 2009 -- Mar 22, Pilatus PC-12/45 Jet Private Plane Crash, Butte, MT -- 14

¹³¹ Cross-listed in Violence-Terrorism.

¹³² Cross-listed in Violence—Terrorism.

¹³³ Cross-listed in Violence-Terrorism.

¹³⁴ Cross-listed in Violence-Terrorism; figure does not include 5 al-Qaeda Terrorists.

¹³⁵ Cross-listed in Violence-Terrorism.

¹³⁶ Cross-listed in Violence—Terrorism; figure does not include the five terrorists.

¹³⁷ Cross-listed in Violence -- Terrorism

924. 2011 -- Sep 16, National Championship Air Race Crash, Grandstand, Reno, NV -- 11
 2011 -- Nov 23, Ponderosa Aviation Inc. Small Plane Crash, Superstition Mts., AZ -- 6

AVIATION Disasters -- Master Set— Deadliest American -- CHRONOLOGICAL

925. 2013 -- July 7, Rediske Air-Taxi Crash, de Havilland DHC3 Otter, Soldotna, AK -- 10
926. 2015 -- Mar 10, U.S. Army Blackhawk Helicopter Crash, Gulf off Navarre Beach, FL-- 11
 2015 -- June 25, Plane Crash, Cruise Ship Passengers, ~25M from Ketchikan, SE AK-- 9
 2015 -- Nov 10, Company jet crash into apt. bldg. on airport approach, Akron, OH -- 9
927. 2016 -- Jan 14, Aviation, Two Marine Helicopters Crash off Haleiwa, Oahu, HI -- 12
928. 2016 -- July 30, hot air balloon hits power lines/burns/crashes, near Lockhart TX -- 16
929. 2017 -- July 10, USMC KC-130 (NY Reserve) crash, with Sp. Ops team, Leflore Co., MS--16
 2018 -- May 2, Puerto Rico Air National Guard C-130 plane crash near Savannah, GA-- 9

AIRSHIPS -- Balloons, Blimps, Dirigibles Subset -- Aviation Disasters -- By MORTALITY

1. 1933 -- Apr 04, Dirigible Airship Crash, USS *Akron* (Navy ZRS-4), off Coast of NJ¹³⁸-- 75
2. 1922 -- Feb 21, Dirigible Airship *Roma* Crashes, Hampton Roads Naval Base, VA -- 34
3. 1960 -- July 06, USN Dirigible Airship Crash, ZPG-3W (1), off Barnegat City, NJ -- 18
4. 2016 -- July 30, hot air balloon hits power lines/burns/crashes, near Lockhart TX -- 16
5. 1925 -- Sep 03, Navy Dirigible Airship *Shenandoah* Crash, Noble County, Ohio -- 14
6. 1919 -- July 21, Goodrich Dirigible Airship "Wing Foot" Crash, IL Bank, Chicago IL --12-13
7. 1942 -- Jun 08, USN Dirigible Airships Collide, *Defender/G-1*, Ocean, ~Lakehurst, NJ-- 12
8. 1944 -- May 16, Dirigible Airship K-5 Crash, Lakehurst NAS, NJ -- 10

9. 1944 -- Apr 19, USN Airship K-133, Houma NAS, LA, downs in T-storm, Gulf of MX-- 9
10. 1921 -- Mar 23, USN Free Balloon from NAS Pensacola, FL downs in Gulf of Mexico-- 5

AIRSHIPS --Balloons, Blimps, Dirigibles Subset--Aviation Disasters--CHRONOLOGICAL

1. 1919 -- July 21, Goodrich Dirigible Airship "Wing Foot" Crash, IL Bank, Chicago IL --12-13
2. 1922 -- Feb 21, Dirigible Airship *Roma* Crashes, Hampton Roads Naval Base, VA -- 34
1921 -- Mar 23, USN Free Balloon from NAS Pensacola, FL downs in Gulf of Mexico-- 5
3. 1933 -- Apr 04, Dirigible Airship Crash, USS *Akron* (Navy ZRS-4), off Coast of NJ¹³⁹-- 75
4. 1925 -- Sep 03, Navy Dirigible Airship *Shenandoah* Crash, Noble County, Ohio -- 14
5. 1942 -- Jun 08, USN Dirigible Airships Collide, *Defender/G-1*, Ocean, ~Lakehurst, NJ-- 12
1944 -- Apr 19, USN Airship K-133, Houma NAS, LA, downs in T-storm, Gulf of MX-- 9
6. 1944 -- May 16, USN Dirigible Airship (Blimp) K-5 Crash, Lakehurst NAS, NJ -- 10
7. 1960 -- July 06, USN Dirigible Airship Crash, ZPG-3W (1), off Barnegat City, NJ -- 18
8. 2016 -- July 30, hot air balloon hits power lines/burns/crashes, near Lockhart TX -- 16

¹³⁸ 73 fatalities on the Akron and 2 fatalities from rescue attempt, crew of airship J-3.

¹³⁹ 73 fatalities on the Akron and 2 fatalities from rescue attempt, crew of airship J-3.

BIRD STRIKES Subset – **Aviation Disasters** – **By Mortality**

1. 1960 -- Oct 4, Eastern Airlines Electra Hits Birds, Crashes, Logan, Boston, MA -- 62
2. 1995 -- Sep 22, USAF Boeing AWACS Bird Strike Crash, Elmendorf AFB, AK -- 24
3. 1962 -- Nov 23, Plane/Bird Collision United 297, Near Ellicott City, MD -- 17

Other:

4. 1973 -- Feb 26, Lear Jet Departure, Peachtree-Dekalb AP, Atlanta, GA -- 8
5. 2009 -- Jan 4, Sikorsky Helicopter hits hawk after takeoff, crashes ~Morgan City, LA -- 8
6. 2008 -- Mar 04, Bird Strike, Cessna 500, near Wiley Post Airport, OK City, OK -- 5
7. 1987 -- Sep 28, USAF B1-B Bird Strike and Crash, La Junta, CO -- 3
8. 2007 -- Oct 23, Piper 44 Bird Strike, Minneapolis to Grand Forks, ND -- 2
9. 1912 -- Apr 03, 1st Recorded Plane Fatality Due to Bird Strike, C. P. Rogers -- 1
10. 1936 -- July 25, Seaman Gladstone thrown from plane, bird collision-prevention maneuver- 1
11. 1992 -- May 28, U.S. Marine Corps Hornet Crash due to birdstrike, near Gainesville, FL-- 1

HELICOPTER/ Tilt-rotor Disasters -- Aviation Disasters Subset -- By MORTALITY

1.	1971 -- Aug 18, USAF Chinook Helicopter explodes in air, Pegnitz, West Germany	--	37
2.	1986 -- Jun 18, Grand Canyon Air & Helitech Helicopter Collide, Grand Canyon, AZ	--	25
3.	1968 -- May 22, Helicopter Break-up/Crash, Sikorsky, LA Air, Paramount, CA	--	23
4.	1967 -- Jun 23, USMC Helicopters Collide, New River Marine Corps Air Fac., NC	--	22
5.	1968 -- Aug 14, Helicopter Crash, Sikorsky S-61, Los Angeles Air, Compton, CA	--	21
6.	1989 -- Mar 20, USMC Sea Stallion Helo Engine Mal./Crash, Mt., ~Pohang, So. Korea	--	19
7.	2000 -- Apr 08, USMC Tilt-rotor Osprey V-22 Crash, Marana Airport ~Tucson, AZ	--	19
8.	1965 -- Jun 15, US Army Helicopters Mid-Air Collision, Columbus, GA	--	18
9.	1984 -- Mar 24, USMC Helicopter Crash into Mt., 24M north of Pohang So. Korea	--	18 of 29
10.	1977 -- Dec 08, Petroleum Inc. Helicopter hits crane cable, Intracoastal City, LA	--	17
11.	1985 -- May 06, USMC CH-53D Helicopter Crash into Sea of Japan off Yakushima	--	17
12.	1988 -- March 8, US Army Blackhawks collide mid-air, Fort Campbell, KY/TN ¹⁴⁰	--	17
13.	1975 -- Sep 26, USAF Sikorsky CH-53 Helicopter Crash, east of Paderborn, Germany	--	16
14.	1987 -- Dec 21, Petroleum Helicopters, Inc. oil rig landing crash, Gulf of Mex. off LA	--	15
15.	1989 -- Mar 12, USAF CH-3C 'Copter Crash 20 mls NW of Tucson, ~Marana, AZ	--	15
16.	1989 -- May 29, USMC CH46 Sea Knight Helicopter Crashes, Trng. Ex., off Okinawa	--	14
17.	1996 -- May 10, Two U.S. Marine Helicopters Collide. Camp LeJeune, NC	--	14
18.	1960 -- July 27, Chicago Helicopter Airways Crash, Forest Park, IL	--	13
19.	1980 -- Aug 6, Air Logistics helicopter crash with oil platform workers, off Houma, LA	--	13
20.	1976 -- Apr 23, Petroleum Helicopters Inc. Crash, Gulf of Mex., off coast of LA	--	12
21.	2016 -- Jan 14, Aviation, Two Marine Helicopters Crash off Haleiwa, Oahu, HI	--	12
22.	1966 -- Oct 08, Petroleum Helicopter, Bell 204B, goes into Gulf ~Morgan City, LA	--	11
23.	2003 -- Mar 11, US Army Blackhawk Helicopter Crash, Fort Drum, NY	--	11
24.	2015 -- Mar 10, U.S. Army Blackhawk Helicopter Crash, Gulf off Navarre Beach, FL	--	11
25.	1988 -- Oct 25, USMC CH-46/UH-1N Helicopters Crash, Goldwater Gun. Range, AZ	--	10

Other:

2009 -- Aug 09, Private Plane/Helicopter Collision, Hudson River, off Hoboken, NJ	--	9
2009 -- Oct 29, USMC Helicopter/USCG C-130 Collide, ~San Clemente Is., CA	--	9
1982 -- Sep 11, USAF Chinook Crash, Airshow, ~Mannheim, Germany	--	46, U.S. 7-8
2009 -- Jan 4, Sikorsky Helicopter hits hawk after takeoff, crashes ~Morgan City, LA	--	8
1986 -- Aug 29, USN CH-46 Helicopter Crash, Carrier USS <i>Saipan</i> off Bodoe, Norway	--	8
1978 -- Sep 04, Hughes 269C Helicopter Crashes into Churchyard Festival, Derry, PA	--	7
1983 -- Jul 10/11, US Army CH-47 Chinook Helicopter Crash, South Fox Island, MI	--	6
1996 -- June 18, Army transport helicopters collide and crash, Fort Campbell, KY	--	6
1996 -- Mar 07, US Army Chinook from Fort Campbell Crashes near Olmstead, KY	--	5
2008 -- Dec 11, Air Taxi/Commuter Helicopter Crash, Gulf of Mexico, Sabine Pass, TX	--	5

¹⁴⁰ The collision occurred over western KY-TN border, with one Blackhawk falling on KY side, the other in TN.

Helicopter / Tilt-rotor Disasters -- Aviation Disasters Subset -- Chronological

1. 1960 -- July 27, Chicago Helicopter Airways Crash, Forest Park, IL -- 13
2. 1965 -- Jun 15, US Army Helicopters Mid-Air Collision, Columbus, GA -- 18
3. 1966 -- Oct 08, Petroleum Helicopter, Bell 204B, goes into Gulf ~Morgan City, LA -- 11
4. 1967 -- Jun 23, USMC Helicopters Collide, New River Marine Corps Air Facility, NC-- 22
5. 1968 -- May 22, Helicopter Break-up/Crash, Sikorsky, LA Air, Paramount, CA -- 23
6. 1968 -- Aug 14, Helicopter Crash, Sikorsky S-61, Los Angeles Air, Compton, CA -- 21

7. 1971 -- Aug 18, USAF Chinook Helicopter explodes in air, Pegnitz, West Germany -- 37
8. 1975 -- Sep 26, USAF Sikorsky CH-53 Helicopter Crash, east of Paderborn, Germany-- 16
9. 1976 -- Apr 23, Petroleum Helicopters Inc. Crash, Gulf of Mex., off coast of LA -- 12
10. 1977 -- Dec 04, Petroleum Inc. Helicopter hits crane cable, Intracoastal City, LA -- 17
- 1978 -- Sep 04, Hughes 269C Helicopter Crashes into Churchyard Festival, Derry, PA-- 7

11. 1980 -- Aug 6, Air Logistics helicopter crash with oil platform workers, off Houma, LA-- 13
12. 1982 -- Sep 11, USAF Chinook Crash, Airshow, ~Mannheim, Germany --46, U.S. 7-8
- 1983 -- July 10/11, US Army CH-47 Chinook Helicopter Crash, South Fox Island, MI-- 6
13. 1984 -- Mar 24, USMC Helicopter Crash into Mt., 24M north of Pohang So. Korea--18 of 29
14. 1985 -- May 06, USMC CH-53D Helicopter Crash into Sea of Japan off Yakushima -- 17
15. 1986 -- June 18, Grand Canyon Air & Helitech Helicopter Collide, Grand Canyon, AZ-- 25
- 1986 -- Aug 29, USN CH-46 Helicopter Crash, Carrier USS *Saipan* off Bodoe, Norway-- 8
16. 1987 -- Dec 21, Petroleum Helicopters, Inc. oil rig landing crash, Gulf of Mex. off LA-- 15
17. 1988 -- March 8, US Army Blackhawks collide mid-air, Fort Campbell, KY/TN¹⁴¹ -- 17
18. 1988 -- Oct 25, USMC CH-46/UH-1N Helicopters Crash, Goldwater Gun. Range, AZ-- 10
19. 1989 -- Mar 20, USMC Sea Stallion Helo Engine Mal./Crash, Mt., ~Pohang, So. Korea-- 19
20. 1989 -- May 29, USMC CH46 Sea Knight Helicopter Crashes, Trng. Ex., off Okinawa-- 14

- 1996 -- March 7, US Army Chinook from Fort Campbell Crashes near Olmstead, KY -- 5
21. 1996 -- May 10, Two U.S. Marine Helicopters Collide. Camp LeJeune, NC -- 14
- 1996 -- June 18, Army transport helicopters collide and crash, Fort Campbell, KY -- 6

22. 2000 -- Apr 08, USMC Tilt-rotor Osprey V-22 Crash, Marana Airport ~Tucson, AZ -- 19
23. 2003 -- Mar 11, US Army Blackhawk Helicopter Crash, Fort Drum, NY -- 11
- 2008 -- Dec 11, Air Taxi/Commuter Helicopter Crash, Gulf of Mex., Sabine Pass, TX-- 5
- 2009 -- Jan 4, Sikorsky Helicopter hits hawk after takeoff, crashes ~Morgan City, LA -- 8
- 2009 -- Aug 09, Private Plane/Helicopter Collision, Hudson River, off Hoboken, NJ -- 9
- 2009 -- Oct 29, USMC Helicopter/USCG C-130 Collide, ~San Clemente Is., CA -- 9

24. 2015 -- Mar 10, U.S. Army Blackhawk Helicopter Crash, Gulf off Navarre Beach, FL-- 11
25. 2016 -- Jan 14, Aviation, Two Marine Helicopters Crash off Haleiwa, Oahu, HI -- 12

¹⁴¹ The collision occurred over western KY-TN border, with one Blackhawk falling on KY side, the other in TN.

AVIATION Disasters Subset -- MILITARY Craft and Charters -- By Mortality

1. 1985 -- Dec 12, Crash, US Mil. Charter, Arrow Air #1285, Gander, Newfoundland, Can.-256
2. 1975 -- Apr 04, Operation Babylift C-5 Crash ~Tan Son Nhut AB, Vietnam--50-52US of 155
3. 1953 -- June 18, USAF Globemaster II Crash, Tachikawa AFB, Tokyo, Japan¹⁴² -- 129
4. 1952 -- Dec 20, USAF Globemaster II Cartwheels on takeoff, Larson AFB, WA -- 87
5. 1965 -- June 25, USAF Boeing KC-135 Crash, El Toro Air Force Base, CA -- 85
6. 1964 -- May 11, USAF C-135 hits fence/crashes, landing, Clark U.S. AB, Philippines --78-80
7. 1933 -- Apr 04, Dirigible Crash, USS *Akron* (Navy ZRS-4), off Coast of NJ¹⁴³ -- 75
8. 1955 -- Mar 22, US Navy R6D-1 Crashes, Waianae Range, NW of Honolulu, HI -- 66
9. 1955 -- Aug 11, Two USAF C-119 Flying Boxcars Collide over Edelweiler, Germany-- 66
10. 1956 -- Oct 10, USN MATS Transport Plane lost from UK to Lincoln AFB, NE -- 59
11. 1951 -- Mar 22, USAF C-124A Globemaster from Loring AFB Explodes, No. Atlantic-- 53
12. 1960 -- Dec 17, USAF C-131 Samaritan Takeoff Crash, Munich, Germany --(20 U.S.) 51-53
13. 1952 -- Nov 22, USAF MATS C-124 A Globemaster II crash, Mount Gannett, AK -- 52
14. 1971 -- June 6, Hughes Air 706/Marine Corps Phantom II Collide, Duarte, CA -- 50
15. 1958 -- Apr 21, Planes Collide, United 736 / USAF F-100 Fighter, ~Las Vegas, NV¹⁴⁴-- 49
16. 1958 -- Feb 01, USAF C-118A/US Navy P2V-5F Collision, Norwalk, CA -- 48
17. 1956 -- July 13, USAF Takeoff/Windshear Crash, near Brown's Mills, NJ -- 46
18. 1945 -- Nov 03, USAAF C-54 Crash, Himalayan Mountains, near Chukha, Bhutan -- 44
19. 1950 -- Jan 26, USAF SAC C-54 Transport Disappears, Yukon Territory, Canada -- 44
20. 1953 -- July 17, USMC R4Q "Packet" Plane Takeoff Crash/Fire, near Milton, FL -- 44
21. 1962 -- Sep 10, USAF SAC Tanker Approach Crash, Mt. Kit Carson ~Spokane, WA -- 44
22. 1951 -- Apr 25, Cubana Flight 493/US Navy Plane Collide, off Key West, FL -- 43
23. 1970 -- Oct 2, USAF C-130 Transport Plane Crash into mountain near Taipei, Taiwan-- 43
24. 1954 -- Oct 30/31, US Navy Transport Loss at Sea, Off Ocean City, MD -- 42
25. 1956 -- Feb 17, U.S. Navy Transport DC-4 Crash near Niles, CA -- 40
26. 1950 -- July 23, Florida Air National Guard Curtis C-46 Crash, Myrtle Beach, SC -- 39
27. 1951 -- July 21, US Military Charter, Canadian Pacific Air, Crashes near Sitka, AK -- 37
28. 1952 -- Nov 28, USAF Douglas C-54 Crash, Near Tacoma, WA -- 37
29. 1971 -- Aug 18, USAF Chinook Helicopter explodes in air, Pegnitz, West Germany -- 37
30. 1951 -- Nov 13, U.S. C-82 "Flying Boxcar" Crashes into Puy de Sancy Mt., France -- 36
31. 1952 -- Jan 19, Crash, US Mil. Charter, NW Orient 324, Korea-WA, off Sandspit BC -- 36
32. 1943 -- Jan 15, USAAF C-54 (TWA Contract), Crash, Dutch Guiana [Suriname] -- 35
33. 1950 -- Apr 21 USAF C-54 Skymaster Crash into Mt. in rainstorm near Atsugi, Japan -- 35
34. 1953 -- Mar 20, Transocean Air 942 (Military Charter) Crash, NE of Alvarado, CA -- 35
35. 1954 -- Feb 01, USAF C46 Fire and Crash, Tsugaru Strait, off Hokkaido, Japan -- 35
36. 1960 -- Feb 25, USN R6D / DC-3 Collide in Fog off Rio de Janeiro, Brazil --61 (USN 35)
37. 1996 -- Apr 03, USAF Plane Crash (Sec. Com. Ron Brown) ~Dubrovnik, Croatia -- 35
38. 1922 -- Feb 21, Dirigible *Roma* Crashes, Hampton Roads Naval Base, VA -- 34
39. 1943 -- Feb 18, Boeing XB-29 Crash into Frye Packing Plant, Fire, Seattle, WA¹⁴⁵ --32-34
40. 1946 -- Dec 10, US Marine Corps Transport Goes Missing, South WA -- 32

¹⁴² Included in that this was the first aviation disaster anywhere to kill more than 100 people.

¹⁴³ 73 fatalities on the Akron and 2 fatalities from rescue attempt, crew of airship J-3.

¹⁴⁴ 48 were civilian fatalities on United 736.

¹⁴⁵ Though the Boeing employees were civilians, they were under contract to the military for a military bomber.

- 41. 1969 -- Apr 14, Navy EC-121M Shot Down by North Korea, Sea of Japan¹⁴⁶ -- 31
- 42. 1946 -- June 01, USAAF C-54 Cockpit Fire and Crash off Amalfi, Italy -- 30
- 43. 1965 -- Jan 16, USAF SAC Tanker Crash, Neighborhood, Wichita, KS -- 30

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

- 44. 1960 -- Sep 22, USMC Douglas R5D-3 Plane Crash 180 miles off Naha, Okinawa -- 29
- 45. 1944 -- Aug 03, USAAF Douglas D-47 Crash, Thunderstorm, Napier, NE -- 28
- 46. 1946 -- May 10, Mid-Air Collision, 2 USN Bombers, Near Munson, FL -- 28
- 47. 1951 -- Dec 30, USAF Douglas C-47 Transport Crash, Mt. 35 mi N of Globe, AZ -- 28
- 48. 1955 -- Nov 17, Peninsular Air Transport (Mil. Charter) Crash, Seattle-Boeing Field, WA-- 28
- 49. 1945 -- Dec 06, 5 Navy Bombers, Rescue Craft Missing. Bermuda Triangle -- 27
- 50. 1982 -- Mar 19, USAF KC-135 Tanker Explosion / Crash near Wonder Lake, IL -- 27
- 51. 1991 -- Mar 21, Mid-Air Col., US Navy P-3C's, SW off San Diego, CA -- 27
- 52. 1992 -- March 22, USAir 405, Ice on Wings, Crashes on Takeoff, LaGuardia, NYC -- 27
- 53. 1944 -- July 26, US Army AF Douglas C-54 Crashes off Greenland -- 26
- 54. 1945 -- Nov 01, USAAF C-47 Plane Crash ~Bad Herrenalb and Karlsruhe, Germany -- 26
- 55. 1946 -- Mar 19, Structural failure/crash, USAAF C-47, near Hobart Mills, CA -- 26
- 56. 1954 -- Aug 27, USAF B-36 Crash, Rapid City, SD -- 26
- 57. 1958 -- Mar 07, USMC Transport & Skyraider Collide off Naha NAF, Okinawa -- 26
- 58. 1962 -- May 22, USN WV2 Transport Breaks-up/Crashes, Markt Schwaben, Germany-- 26
- 59. 1994 -- Apr 14, 2 USAF F-15s Shootdown 2 USA Black Hawks, No. Iraq --15US of 26
- 60. 1942 -- Sep 22, Eight USAAF Planes Crash or Collide, CT, FL (3), GA, ME (2), PA -- 25
- 61. 1943 -- Sep 20, Military Transport Crash, Laurinburg-Maxton Army Air Base, NC -- 25
- 62. 1943 -- Dec 29, Mid-Air Collision 2 USAAF B-24's, Near Lakeside, UT -- 25
- 63. 1944 -- Aug 28, Plane Crash, USAAF Douglas C54A, Prestwick, Scotland --20 US of 25
- 64. 1944 -- Nov 19, Plane Crash, USAAF C-47A, near Brighton and Lewes, England --24 US/25
- 65. 1945 -- Apr 20, USAAF C-47 Breakup/Crash, Thunderstorm, near Sweetwater, TX -- 25
- 66. 1945 -- Nov 30, USN PV4Y-2 Plane Missing, NAS Kodiak, AK to NAS Seattle, WA -- 25
- 67. 1946 -- Jul 09, USAAF B-17 Crash, Mount Tom, near Westover AFB, Chicopee, MA-- 25
- 68. 1944 -- Oct 18, Plane Crash, USAAF B24H, near Birkenhead, Merseyside, England -- 24
- 69. 1945 -- Feb 13, USN Air Transport Service crash after takeoff, San Fran. Bay, CA -- 24
- 70. 1971 -- Jun 13, USAF C-135B monitoring French Nuclear Test, Lost, Pacific -- 24
- 71. 1994 -- Mar 23, USAF C-130/F-16 Collide, F-16 hits troops on ramp, Pope AFB, NC -- 24
- 72. 1995 -- Sep 22, USAF AWACS Sentry Bird Strike Crash, Elmendorf AFB, AK -- 24
- 73. 1945 -- Feb 02, Florence to Rome USAAF C-47 Crash, 3 mls W of Montieri, Italy -- 23
- 74. 1945 -- Sep 15, US Army Air Force C-47 Crashes, Kansas City-Fairfax Field, KS -- 23
- 75. 1946 -- June 09, U.S. Army Air Force DC-4 Crash, Tobago Island, Panama -- 23
- 76. 1946 -- Nov 16, U.S. Army Air Force DC-47 Crashes into Pacific off Iwo Jima -- 23

¹⁴⁶ Cross-listed in Aviation.

77. 1947 -- Dec 10, U.S. Air Force DC-4, Crash and Fire, near Goose Bay, Labrador -- 23
 78. 1951 -- May 6, USAF Strategic Bomber Crash, Near Albuquerque, NM -- 23
 79. 1953 -- Mar 18, 10-eng. USAF Convair RB-36H crashes, Random Isl., NFL, Can. -- 23
 80. 1961 -- Jan 26, USN C-118 Liftmaster Explos./Crash off Argentinia, Newfoundland -- 23
 81. 1976 -- Aug 28, USAF C41 Starlifter Crash, Soendre Stromfjord AFB, Greenland¹⁴⁷ --13/23
 82. 1981 -- Feb 26, USAF MC-130 Plane Crash, off NAS Cubi Pt., Philippines --(17 US) 23

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

83. 1942 -- Oct 01, USAAF C-39 Transport Plane Crashes near Caomo, Puerto Rico -- 22
 84. 1943 -- Sep 10, Mid-Air Collision, 2 USAAF B-17's, off Galveston, TX -- 22
 85. 1943 -- Dec 07, Navy planes collide, bomb falls, Marines on ground die, Maui, HI¹⁴⁸ --20-22
 86. 1944 -- July 27, Plane Crash, USAAF C47A, Isle of Mull, ~Port Logan, Scotland --21US/22
 87. 1945 -- Nov 08, US Navy Mid-Air Collision, Corpus Christi Bay, TX -- 22
 88. 1946 -- Dec 10, USAAF C-46 Takeoff Crash, near Itami U.S. Air Base, Osaka, Japan -- 22
 89. 1958 -- Feb 20, USN WV2 Super Constellation Plane Lost, Newfoundland to Azores -- 22
 90. 1961 -- May 24, USAF 51-0174 Globemaster Crash, McChord AFB, WA -- 22
 91. 1967 -- Jun 23, USMC Helicopters Collide, New River Marine Corps Air Facility, NC-- 22
92. 1942 -- July 01, US Army AF Douglas C-49E Crash, Near Premier, WV -- 21
 93. 1945 -- May 13, USAAF “Shangra-La” Sightseeing Plane Crash, Mt., New Guinea -- 21
 94. 1951 -- Apr 08, WV National Guard Plane Crash, Charleston, WV -- 21
 95. 1981 -- May 06, USAF EC-135N Crash, Walkersville, near Frederick, MD -- 21
 96. 1985 -- Jan 22, USAF Plane Crash in Sea on approach to Trujillo Airport, Honduras -- 21
 97. 2001 -- March 3, USAF C-23 Plane Crash (VA NG (18) FL ANG (3)), Unadilla, GA -- 21
98. 1942 -- Apr 3, 7 USAAF Planes Crash: Strevell, ID; Barksdale Field, LA; Elizabeth City, NC; West Greenwich, RI; Lexington Airfield, Shaw Field, SC; Espiritu Santo Bay, TX-- 20
 99. 1943 -- Sep 22, Plane Crash, USAAF C-53, near Calcutta, India -- 20
 100. 1943 -- Oct 22, US Army Air Force C-47 Crash, Lawson Field, Ft. Benning, GA -- 20
 101. 1946 -- July 20, Two USAAF B-17G Search Planes Collide off Coiba, Panama -- 20
 102. 1947 -- Aug 06, US Navy PBY-5A disappears, Kodiak to Dutch Harbor, AK -- 20
 103. 1947 -- Nov 28, USAF C-47 Transport Plane Crash, Mt. Carbone, Alps, ~Cuneo, Italy-- 20
 104. 1949 -- Jan 17, USAF B-29 Crash, Argyllshire Mts. in fog, near Glasgow, Scotland -- 20
 105. 1952 -- Nov 15, USAF “Flying Boxcar” Crashes, near Anchorage, AK -- 20
 106. 1957 -- Feb 01, Northeast Flight 823 Takeoff Crash, Rikers Island, NY -- 20
 107. 1977 -- Sep 14, USAF EC-135K Crash, Mt., Manzano range, ~Albuquerque, NM -- 20
108. 1943 -- Jan 21, Pan Am 1104 (USN Transport) Crashes, Mt. ~Boonville & Ukiah CA-- 19
 109. 1944 -- Feb 12, USAAF B-25's Collide, ~ Army Air Base Greenville, SC -- 19
 110. 1944 -- Apr 28, Navy R4D Transport Plane Crashes, Anderson Mesa, northern AZ -- 19
 111. 1944 -- Jul 11, Mil. Plane Crash/Fire/Fog, Trailer Camp, S. Portland, ME¹⁴⁹ -- 19

¹⁴⁷ There were 13 immediate U.S. fatalities and 8 Greenland (Dutch) passenger fatalities. Two other people died about two weeks later – I think they also were Greenland passengers. Greenland is an autonomous country within the Kingdom of Denmark. (*Wikipedia*. “Greenland.”)

¹⁴⁸ Cross-listed under Explosions.

- 112. 1944 -- Sep 18, USAAF Douglas C-47 Crash, Denali State Park, ~Talkeetna, AK -- 19
- 113. 1948 -- Nov 03, USAF B-29 Bomber Crash after takeoff near Lajes Field, Azores --18-19
- 114. 1950 -- Aug 05, USAF Boeing B-29 Crash, Travis Air Force Base, CA -- 19
- 115. 1952 -- Nov 07, USAF "Flying Boxcar" Crashes, Mt. McKinley, AK -- 19
- 116. 1953 -- Dec 17, USAF B-29 Crashes, Officer's Housing, Anderson AFB, Guam -- 19
- 117. 1957 -- Dec 23, USN WV-2 Simulation goes awry/Crash, off Kakuku Pt., Oahu, HI -- 19
- 118. 1958 -- Sep 02, USAF Globemaster Fire/Crash, 35m west, Agana Naval AS, Guam -- 19
- 119. 1958 -- Oct 09, USAF C-123B Transport Crash ~Little Willow Creek & Payette, ID-- 19
- 120. 1966 -- Nov 11, USAF Constellation Crash, Atlantic, E. of Cape Cod, MA -- 19
- 121. 1968 -- Jan 10, USMC R5D-2 (C54) Plane Crash, Mt. Tobin, Copper Canyon, NV -- 19
- 122. 1969 -- Jun 05, USAF Recon Plane Crash off Shemya, AK -- 19
- 123. 1989 -- Jan 31, USAF SAC Tanker Crash, Dyess Air Force Base, TX -- 19
- 124. 1989 -- Mar 20, USMC Sea Stallion Helo Engine Mal./Crash, Mt., ~Pohang, So. Korea--19
- 125. 2000 -- Apr 08, USMC Tilt-rotor Osprey V-22 Crash, Marana Airport ~Tucson, AZ-- 19

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

- 126. 1943 -- May 15, Fog/Crash, USAAF C-47, Ginger Cake Mountain, NC¹⁵⁰ -- 18
- 127. 1943 -- Dec 13, USN PBM-3S, VP-213, BuNo 48126 Lost on Patrol off NC Coast -- 18
- 128. 1944 -- June 06, USN PB4Y-1 Takeoff Crash into building, Camp Kearney, CA --17-18
- 129. 1944 -- Aug 21, USAAF B-24J's Collide, near Model, CO -- 18
- 130. 1944 -- Nov 06, USN Planes Collide, St. Johns River near NAS Jacksonville, FL -- 18
- 131. 1944 -- Nov 30, USAAF B-24's Collide ~Davis-Monthan AAF, Tucson, AZ -- 18
- 132. 1945 -- May 06, Two USAAF B-17s Collide, ~Esler Field, Alexandria, LA -- 18
- 133. 1945 -- Aug 13, Two USAAF B-29s Collide, near Weatherford, TX -- 18
- 134. 1945 -- Nov 03, Consolidated Air, Army Transport Com., sea crash, 450 mi NE of HI-- 18
- 135. 1949 -- Nov 16, Two USAF B29s Collide over Stockton, CA -- 18
- 136. 1954 -- Mar 19, Plane Fire & Crash, USAF C-119, #51-7993, near Lothian, MD -- 18
- 137. 1958 -- Mar 27, Mid-Air Collision, two USAF Planes, Bridgeport, TX -- 18
- 138. 1959 -- June 30, U.S. Air Force F-100 Jet Crashes into School, Ishikawa, Okinawa¹⁵¹ -- 18
- 139. 1960 -- July 06, US Navy Blimp Crash off Barnegat City, NJ -- 18
- 140. 1965 -- Jun 15, US Army Helicopters Mid-Air Collision, Columbus, GA -- 18
- 141. 1976 -- Aug 28, USAF Crash, severe thunderstorm rips wing, ~Peterborough, UK -- 18
- 142. 1980 -- Mar 14, USAF C130 Wing Explosion and Crash near Yenice, Cilicia, Turkey -- 18
- 143. 1984 -- Feb 29, USAF C-130 Hercules Plane Crash, near Borja, Spain --(17 US) of 18
- 144. 1984 -- Mar 24, USMC Helicopter Crash into Mt., 24M no. of Pohang So. Korea--18 of 29

- 145. 1942 -- May 3, 3 USAAF Crashes Or/WA, Meacham, Pleasant Val., OR; McChord Field, WA-17
- 146. 1943 -- Oct 25, Two USAAF B-24H Planes Collide, near Milligan, NE -- 17
- 147. 1943 -- Nov 18, USN Transport Plane Crash, 30mi. E of Rio De Janeiro, Brazil --17 of 18
- 148. 1943 -- Dec 19, Two USAAF B-24s Crash -- near Sausalito, CA and near Burley, ID-- 17
- 149. 1944 -- Feb 18, USAAF B-24's Collide, near Williams Field, AZ -- 17
- 150. 1944 -- Aug 01, USAAF B-24's Collide ~Furnace Creek, Death Valley, CA -- 17

¹⁴⁹ Cross-listed under Fog as contributing condition.

¹⁵⁰ Cross-listed under Fog as contributing condition.

¹⁵¹ All deaths were of Okinawans in this at-the-time U.S. controlled territory. Pilot had bailed out of jet.

151. 1944 -- Aug 05, USAAF B17G's Collide, near Dixon, NE -- 17
 152. 1944 -- Nov 11, US Air Transport Command C-54 Crashes 50 mi. off Oahu, HI -- 17
 153. 1944 -- Dec 25, USAAF C-47 Plane Crash, Black Mesa Mt., Quartzsite, AZ -- 17
 154. 1945 -- June 14, Lightning-hit Plane Crash, USAAF C-46D, near Oakridge, MS¹⁵² -- 17
 155. 1945 -- July 18, USN PB4Y-2 Privateer Plane Missing, out of NAS Miami, FL --15-17
 156. 1956 -- Mar 02, USAF C124C Globemaster II Crash, Atlantic, Iceland to US -- 17
 157. 1958 -- Sep 02, USAF C130A Hercules shot-down over Sasnashen, Armenia, USSR¹⁵³ --17
 158. 1964 -- Jun 29, USAF Stratofreighter / C-54 Collide near Kindley US AFB, Bermuda-- 17
 159. 1985 -- May 6, USMC CH-53D Helicopter Crash into Sea of Japan off Yakushima -- 17
 160. 1988 -- March 8, US Army Blackhawks collide mid-air, Fort Campbell, KY/TN¹⁵⁴ -- 17
 161. 1992 -- Feb 6, KY ANG C-130 Hercules Crash, Hotel/Rest. complex, Evansville, IN-- 17

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

162. 1942 -- Aug 15, US Army AF C-53 Crash, near Garnet Peak, Peru, MA -- 16
 163. 1943 -- Jun 26, Six USAAF Plane Crashes/Collisions, CA (2), FL (2), ME, SC -- 16
 164. 1943 -- Dec 14, USAAF B-24J Plane Crash, near Omaha, NE -- 16
 165. 1945 -- Jan 09, USAAF B-29 Plane Lost, Atlantic, off Southeast Coast -- 16
 166. 1945 -- Jan 24, USAAF B-17Fs Collide, near Dyersburg, TN -- 16
 167. 1947 -- Apr 19, USAF B-29 Fire/Explos./Crash, off Kwajalein Isl., Marshall Islands-- 16
 168. 1948 -- Aug 24, U.S. B29 Superfortress Plane takeoff Crash near Hickam AFB, HI -- 16
 169. 1949 -- July 30, Eastern Airlines #557 Hit by Navy Hellcat Aircraft, Chesterfield, NJ-- 16
 170. 1950 -- May 18, USAF B-29 Crash, Lajes Field, Azores --15-16
 171. 1950 -- July 13, In-Flight Fire/Crash USAF B-50, near Mason, OH -- 16
 172. 1952 -- Oct 29, USAF Stratofreighter Crash, Gray Mountain, near Flagstaff, AZ -- 16
 173. 1953 -- July 29, Yokota Air Base, Japan, USAF RB50, shot down, Sea of Japan¹⁵⁵ -- 16
 174. 1956 -- Aug 22, Navy P4M-1Q Shot Down near Wenchow, China -- 16
 175. 1956 -- Sep 10, Yokota AB USAF RB50G Lost tracking Typhoon Emma Sea of Japan-- 16
 176. 1958 -- Feb 15, USAF C-47 Transport Plane Crashes in fog on Mt. Vesuvius, Italy -- 16
 177. 1960 -- Jan 16, USN P4M-1Q Mercator Crash, Karanfil Mountain, ~Adana, Turkey-- 16
 178. 1965 -- July 11, Fire, Plane Crash, USAF Constellation, 100M off Nantucket, MA -- 16
 179. 1973 -- Apr 12, Planes Collide, NASA Convair/NAVY P-3C Orion, Sunnyvale, CA-- 16
 180. 1975 -- Mar 20, USAF Transport Crash, Olympic Nat. Park, Quilcene WA -- 16
 181. 1975 -- Sep 26, USAF Sikorsky CH-53 Helicopter Crash, east of Paderborn, Germany-- 16
 182. 1977 -- Jun 21, USN TACAMO EC130Q Hercules Takeoff Crash, off Wake Island -- 16
 183. 1978 -- Oct 06, USN C-118 Transport Crashes into hill in Fog near Santiago, Chile -- 16
 184. 2017 -- July 10, USMC KC-130 (NY Reserve) crash, with Sp. Ops team, Leflore Co., MS--16
185. 1942 -- Jan 14, Five USAAF Planes Crash, AL, ID, NH, TX, VA -- 15
 186. 1942 -- Mar 05, 2 USAAF Plane Crashes, St. Lucie Riv., Port Sewall, FL; off NC/VA-- 15
 187. 1942 -- Apr 29, Four USAAF Planes Crash -- Kodiak, AK; Smyer, TX; Orlando, FL-- 15
 188. 1943 -- May 08, Crash, USAAF C-47, near Tinker Field, Oklahoma City, OK -- 15

¹⁵² Cross-listed under Lightning.

¹⁵³ Cross-listed under Attack.

¹⁵⁴ The collision occurred over western KY-TN border, with one Blackhawk falling on KY side, the other in TN.

¹⁵⁵ Cross-listed in Violence (Attack).

189.	1943 -- May 13, Collision, USAAF B-24's, near Biggs Field, El Paso, TX	--	15
190.	1943 -- Aug 10, Two Walla Walla USAAF bombers crash, ~Cecil, OR, Paterson, WA	--	15
191.	1944 -- July 21, 3 USAAF C-47s Lost, Atlantic, 25M off Cape Fear, NC	--	15
192.	1944 -- Oct 08, USAAF B-29 Plane Crash, near Love Field, Dallas, TX	--	15
193.	1944 -- Nov 03, USAAF Planes Collide, near Kingman Army Air Field, AZ	--	15
194.	1944 -- Nov 10, USAAF B-29 Plane Crash, near Clovis Army Air Field, NM	--	15
195.	1945 -- Aug 25, USAAF B-24J Plane Crash, 17 miles NNW of Elgin, OR	--	15
196.	1945 -- Oct 30, USAAF C-47 transport Crash into mountain near Cuneo, Italy	--	15
197.	1952 -- Feb 07, USAF takeoff Crash, 5 miles N of Yokota US AB, Japan	-13 (US) of	15
198.	1952 -- Mar 12, Two USAF B-29's Collide, near Sequin and San Antonio, TX	--	15
199.	1952 -- Apr 04, Planes Collide, USAF Globemaster & C-47, Mobile, AL	--	15
200.	1952 -- Apr 15, Plane Crash/Fire, USAF B-36D, near Fairchild AFB, WA	--	15
201.	1953 -- Feb 02, USAF Plane takeoff Crash, Wheelus Air Base, Tripoli, Libya	--	15
202.	1953 -- Nov 17, USAF C-119F Hits Paratroopers, Crashes, Fort Bragg, NC	--	15
203.	1955 -- May 25, Plane Crash, USAF SAC B-36J, Sterling City, TX	--	15
204.	1958 -- June 27, USAF SAC Tanker Crash, Near Chicopee Falls, MA	--	15
205.	1958 -- Dec 22, USAF C-54 transport from Elmendorf AFB crashes, Mt. Iliamna, AK	--	15
206.	1959 -- Nov 7, USAF C-47 crashes after take-off, Tainan, Formosa (Taiwan)	--	15
207.	1962 -- Mar 08, USAF C-130A Hercules Plane Crash near Alencon, western France	--	15
208.	1967 -- Apr 25, USAF Super Constellation Fire, off Nantucket Island, MA	--	15
209.	1976 -- Sep 26, USAF KC-135 (61-0296) Crash, Alpena, MI	--	15
210.	1989 -- Mar 12, USAF CH-3C 'Copter Crash 20 mls NW of Tucson, ~Marana, AZ	--	15

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

211.	1925 -- Sep 3, Navy Dirigible <i>Shenandoah</i> Crash, Noble County, OH	--	14
212.	1942 -- Apr 12, Two U.S. Navy Bombers Crash near Livermore, CA	--	14
213.	1942 -- June 04, US Army AF LB-30 Crash, near Hamilton Field, CA	--	14
214.	1942 -- Aug 19, USN Plane hits tugboat, Coco Solo Navy Base, Panama Ca. Zone	--	12-14
215.	1943 -- Feb 05, Mid-air Collision, 2 USAAF B-25 Bombers, Newberry, SC	--	14
216.	1943 -- Aug 28, 3 USAAF Planes Collide, near Army Air Base, Harvard, NE	--	14
217.	1943 -- Oct 22, Crash, USAAF B-17, Arkansas River, near Ponca City, OK	--	14
218.	1943 -- Oct 29, Crash, USAAF B-24, Atlantic off West Palm Beach, FL	--	14
219.	1943 -- Oct 29, USAAF C-47 Crashes at Hoffman-Mackall AAF, NC	--	14
220.	1943 -- Dec 22, USAAF B-24 Crash, near Morrison Field, West Palm Beach, FL	--	14
221.	1944 -- Feb 16, USN Air Transport Unit Flight Missing, NAS Seattle to Kodiak, AK	--	14
222.	1944 -- Jun 08, USAAF Bombers Collide, Homes Burn, Kill Civilians, Honolulu, HI	--	14
223.	1945 -- Mar 10, USN Plane Lost, Trng. Flight, NAS Jacksonville FL to Bahamas	--	14
224.	1945 -- Apr 11, USAAF TB-17F Plane Collision, near Jackson AAB, MS	--	14
225.	1945 -- July 28, B-25 Bomber Flies into Empire State Building in Fog ¹⁵⁶	--	14
226.	1945 -- Sep 12 USN PB4Y-2 Privateer Engine Fire, Crash, ~Master Field, Miami, FL	--	14
227.	1945 -- Oct 31, US Navy Transport Plane Crash, heavy fog, Rich Mt., ~Mena, AR	--	14
228.	1948 -- Aug 20, USAF B-29 Plane Crash, Rapid City Air Force Base, SD	--	14
229.	1951 -- Apr 27, USAF B-36 & F-51 Planes Collide, NE of Perkins, OK	--	14
230.	1954 -- June 26, Plane Crash, USAF KC97 Stratotanker, Box Springs Mountain, CA	--	14

¹⁵⁶ Cross listed in Fog as contributing condition.

231.	1955 -- Nov 17, USAF Plane Crash, Mount Charleston, NV	--	14
232.	1955 -- Nov 29, USAF F-84 Crash into Base Housing, Eielson AFB, AK	--	14
233.	1963 -- Jan 30, US Navy P-3A Crash, Atlantic, off Atlantic City, NJ	--	14
234.	1967 -- Dec 14, USAF Lockheed P-2 Neptune Crash, Juneau, AK	--	14
235.	1981 -- May 26, USN EA-68 Prowler Crash, USS <i>Nimitz</i> , off Jacksonville, FL ¹⁵⁷	--	14
236.	1969 -- Dec 22, U.S. Navy F-8 Jet Crash, Miramar Naval Air Station, CA	--	14
237.	1972 -- Jun 03, Brunswick ME-based USN Orion 152182 Crashes into Moroccan Mt.--	14	
238.	1973 -- Mar 8, USAF Douglas C-47 Crash, Silk Hope, NC	--	14
239.	1983 -- Apr 30, USN C-131 Eng. Fire/Crash, St. John's Riv., ~Jacksonville NAS, FL--	14	
240.	1983 -- Jun 16, US Navy P-3B Orion (152720) Crash in Mountain, Kauai, HI	--	14
241.	1989 -- May 29, USMC CH46 Sea Knight Helicopter Crashes, Trng. Ex., off Okinawa--	14	
242.	1996 -- May 10, Two U.S. Marine Helicopters Collide. Camp LeJeune, NC	--	14

Aviation Disasters -- MILITARY Craft Subset -- By Mortality (Cont.)

243.	1942 -- Feb 11, Four USAAF Planes Crash, Taft, Lemoore CA, Granby CT, WA	--	13
244.	1942 -- Feb 20, Seven U.S. Military Planes Crash, CA, Wash. DC, TX (2), WA (2)	--	13
245.	1943 -- Apr 23, USAAF, B-26C's Collide, Army Air Base, Venice FL	--	13
246.	1943 -- Jun 25, Navy Plane Crashes, St. John River near Green Cove Springs, FL	--	13
247.	1943 -- July 19, Plane Crash, USAAF C-53D, near Malcolm and Lincoln, NE	--	13
248.	1943 -- July 24, USAAF B-17A Crash, near Army Air Base, Ephrata, WA	--	13
249.	1944 -- Jan 02, USAAF B-17G Breakup, McClellan Field, Sacramento CA	--	13
250.	1944 -- Jan 20, USN PB4Y-1 Liberator 32163 Crash after takeoff, Camp Kearny, CA--	13	
251.	1944 -- Feb 03, USAAF B-26B's Collide, near Garland, AR	--	13
252.	1944 -- Feb 07, Two USAAF Planes Crash, Parkton, NC, Wendover Field, UT	--	13
253.	1944 -- May 19, USN 32226 PB4Y-1 Liberator Plane Crash ~MCAS Cherry Point, NC--	13	
254.	1944 -- Nov 11, USAAF C-47B Crash, Strawberry Peak, near Glendale, CA	--	12-13
255.	1944 -- Dec 05, USAAF P-47/B-24J Planes Collide near Walterboro AAF, SC	--	13
256.	1945 -- Apr 17, US Navy VB-4 Patrol Plane Crash, Trng. Ex., near Mayport, FL	--	12-13
257.	1945 -- July 08 USAAF B-29 Structural Failure/Crash, near Pueblo AAB, CO	--	13
258.	1945 -- July 13, USAAF B24 Crash, 25M from Tyndall Field, Panama City FL	--	13
259.	1945 -- July 14, USAAF B-29 Crash, Kirtland Field, Albuquerque, NM	--	13
260.	1945 -- July 25, USAAF C-47B Crash, Th-Storm, 13M near Tampa, FL	--	13
261.	1945 -- Oct 18, USAAF TB-24J Fire/Crash, near Hondo AAF, TX	--	13
262.	1946 -- July 18, U.S. Army Air Corps Transport C-47, Crash, near Goodland, KS	--	13
263.	1948 -- Aug 12, USAF B-29 Plane Crash, near Walker Air Force Base, NM	--	13
264.	1948 -- Nov 03, USAF B-29 Bomber Crash, Shelf Moor, near Manchester, England--	13	
265.	1950 -- Apr 11, USAF B-29 Crash, Manzano Nuc. Wpn. Storage ~Kirtland AFB NM--	13	
266.	1950 -- Nov 16, USAF KB29 Tanker and B-50 Collide/Crash ~Sil Nakya village, AZ--	13	
267.	1951 -- Aug 20, USAF T-33 Plane Crash, McGuire Air Force Base, NJ	--	13
268.	1952 -- Dec 01, USAF C47B Plane Crash, Mount San Gorgonio, CA	--	13
269.	1953 -- Jan 16, USAF C54 Crash, approach, Harmon AFB, Stephenville, NFLD, Can.--	13	
270.	1954 -- Oct 06, USAF B-50 Crash near Willows, Glenn County, CA	--	13
271.	1958 -- Sep 08, USAF B52's Collide, Near Airway Heights, WA	--	13
272.	1958 -- Sep 09, USAF Douglas C47 Plane Crash, Elmendorf AFB, Anchorage, AK	--	13

¹⁵⁷ Cross-listed in Maritime.

273.	1962 -- Dec 26, USN P5M1 Marlin Seaplane Lost at Sea 350M SW of San Diego, CA-	13
274.	1968 -- Jan 17, USAF Stratotanker Takeoff Crash, Minot AFB, ND	-- 13
275.	1969 -- Feb 04, USAF HC-130 Rescue Plane Crash into Sea off Taiwan	-- 13
276.	1970 -- May 4, USAF Convair T-29D Crash, near Hamilton AFB, CA	-- 13
277.	1972 -- Dec 05, USAF C-130 Talon Collides with SC ANG F-102, near Conway, SC--	13
278.	1977 -- Dec 11, BNAS-based USN Orion Crash, Fog, El Hierro Mt., Canary Islands--	13
279.	1990 -- Aug 29, USAF C-5A Galaxy Plane Crash, Ramstein U.S. Air Base, Germany--	13
280.	1992 -- Nov 30, Two USAF C-141 Transports Collide Mid-Air, near Harlem, MT	-- 13

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

281.	1940 -- Jun 17, Two USAAF Bombers Collide/Crash, Bellerose Manor, Queens, NY--	12
282.	1941 -- Nov 2, US Naval Patrol “Flying Boat” Crashes, mountain ~Krisuvik, Iceland--	12
283.	1942 -- Apr 02, Six USAAF Planes Crash, Helena, AR; Planada, CA, Leary, GA; Savannah AB, GA; San Angelo, TX; Everett, WA	-- 12
936.	1942 -- May 12, 5 USAAF Planes Crash, Breckenridge, Blanchard, Waukomis OK, Paine Field, WA--	12
284.	1942 -- Jun 08, USN Airships Collide, <i>Defender/G-1</i> , Ocean, near Lakehurst, NJ	-- 12
285.	1942 -- Oct 23, American Air/U.S. Army B-4 Bomber, Palm Springs, CA	-- 12
286.	1942 -- Dec 05, USAAF C-47 Approach Crash, ~Maxwell Field, Montgomery, AL	-- 12
287.	1942 -- Dec 30, U.S. Army Air Force B-17 Crash, Musselshell, MT	-- 12
288.	1943 -- Jan 25, U.S. Army Air Force B-17 Crash, New Albany, OH	-- 12
289.	1943 -- Feb 17, U.S. Army Air Force B-17 Crash, near Huron, SD	-- 12
290.	1943 -- May 20, USAAF B-24E Plane Hits Natural Gas Tank, Fog, Chicago IL ¹⁵⁸	-- 12
291.	1943 -- July 05, USAAF B-24E Crash, fog, Green Mt., San Miguel Island, CA	-- 12
292.	1943 -- July 28, USAAF B-24E Structural Failure/Crash, Adena, CO	-- 12
293.	1943 -- Aug 18, USAAF B-24E Plane Crash, Otero County, NM	-- 12
294.	1943 -- Aug 18, USN Patrol Plane, VP-210, Crashes off Montauk Pt. Long Isl., NY	-- 12
295.	1943 -- Nov 18, USAAF B-24J Plane Crash, near Melrose, NM	-- 12
296.	1943 -- Dec 15, USAAF B-17 Plane Crash, Army Air Base, Ardmore, OK	-- 12
297.	1944 -- Jan 26, Navy Patrol Plane Crashes, Key West Naval Patrol Station, FL	--11-12
298.	1944 -- Feb 16, USAAF B-17F Plane Crash, Wimauma, FL	-- 12
299.	1944 -- Feb 22, USAAF B-17F Crash, Kittatinny Mt., Warren Ct., NJ	-- 12
300.	1944 -- Feb 25, USAAF Planes Collide, Army Air Field, Las Vegas, NV	-- 12
301.	1944 -- Mar 03, USAAF B26’s Collide, ~ Barksdale Field, Shreveport, LA	-- 12
302.	1944 -- Mar 05, USAAF B24 Explodes/Cashes, Atlantic Ocean, off FL	-- 12
303.	1944 -- Apr 11, US Navy War Eagles VP-16 Orion Crashes east of Columbus, NM	-- 12
304.	1944 -- Apr 25, USAAF B-24’s Collide, near Yuma Army Air Field, AZ	-- 12
305.	1944 -- May 30, USN PB4Y and F4F Collide, Palomar Mt., San Diego County, CA	-- 12
306.	1944 -- July 19, USAAF Consolidated Liberator Crash, Touchet, WA	-- 12
307.	1944 -- Sep 17, Plane Crash, Liberal AA Field USAAF B-29, near Copeland, KS ¹⁵⁹	-- 12
308.	1944 -- Sep 24, USAAF Douglas C-47 Crash, Camp Mackall, NC	-- 12
309.	1944 -- Oct 15, USAAF B-29 Crash, Alamogordo Army Air Base, NM	-- 12
310.	1944 -- Oct 24, USAAF B-17F Plane Crash, near Russell, KS	-- 12
311.	1944 -- Oct 26, USAAF C-46A’s Collide, Reno Army Air Base, NV	-- 12

¹⁵⁸ Cross-listed in Fog as a Contributing Factor.

¹⁵⁹ Crash into farmhouse killing grandfather and one-year-old grandson, in addition to ten U.S. service crewmen.

- 312. 1944 -- Nov 07, USN PB4Y-1 Liberator Plane Crash, off Fort Monroe, VA -- 12
- 313. 1944 -- Dec 25, USAAF C-47A Plane Crash, Roundtop Mt. near Harrisburg, PA --11-12
- 314. 1945 -- Mar 10, USAAF B-24, Atlantic near Montauk Point, Long Island, NY -- 12
- 315. 1945 -- Apr 01, USAAF B-29 Fire/Crash, near Alamogordo, NM -- 12
- 316. 1945 -- Jun 30, USAAF B-29 (44-69943) Crash, Guadalupe Peak, TX -- 12
- 317. 1945 -- Sep 01, USAAF B-24J takeoff crash, near Hondo Army Air Field, TX --10-12

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

- 318. 1946 -- June 12, USAAF B29 Crash/Fire, Collins Gap, near Clingman’s Dome, TN -- 12
- 319. 1946 -- Aug 01, Plane Crash, USN PB4Y-2 Privateer, ~Camp Kearny MAAS, CA --11-12
- 320. 1947 -- Jan 27, USAF B-29 Superfortress Crash, Kirtland Field, NM -- 12
- 321. 1947 -- June 14 USAAF B-29 Plane Crash, Hawks Mountain, VT -- 12
- 322. 1947 -- Dec 16, USAF B-29 Crash after Davis-Monthan takeoff, near Tucson, AZ -- 12
- 323. 1948 -- Jan 27, USAF C-47 Crash (dependants), Snowstorm, Cheval Blanc Mt., France--12
- 324. 1948 -- May 09, USN PBY-6A Catalina Plane Lost, San Juan, PR to Key West, FL -- 12
- 325. 1948 -- Nov 03, US Navy PB4Y-2 Plane Crash, 10M off Port Moller, Kodiak AK -- 12

- 326. 1950 -- Mar 23, USAF B-50 In-Flight Explosion, near Hyder, AZ -- 12
- 327. 1951 -- Aug 12, USAF Consolidated Privateer Crash, Amak Island, AK -- 12
- 328. 1951 -- Oct 15, USAF C-97 Lost, North Atlantic, Azores to Westover AFB, MA --11-12
- 329. 1952 -- Mar 26, USAF Planes Crash, Davis-Monthan AFB, AZ; Albuquerque, NM -- 12
- 330. 1952 -- Apr 09, USAF F-94 & C-47, Planes Collide, Camp Edwards, MA -- 12
- 331. 1952 -- Jun 13, Yokota Air Base, Japan, USAF RB-29, shot down, Sea of Japan¹⁶⁰ -- 12
- 332. 1953 -- Jan 13, USAF B-50 SAC Bomber Plane Crash, near Gridley, CA -- 12
- 333. 1953 -- July 02, USAF Martin Mariner Crash, Adak, AK -- 12
- 334. 1955 -- Jan 01, USAF Douglas C47 Crash, near Skwentna Airport, Anchorage AK -- 12
- 335. 1956 -- Sep 24, USAF C-47 Crash, Mount Yale, near Buena Vista, CO -- 12
- 336. 1957 -- Jan 17, USAF Weather B-50 Takeoff Plane Crash, near Eielson AFB, AK -- 12
- 337. 1958 -- May 20, Planes Collide, Capital Air & MD Air NG, Brunswick, MD -- 12
- 338. 1959 -- Feb 04, USAF Weather B-50 Crash, out of and off Kindley US AFB, Bermuda--12

- 339. 1960 -- July 11, US Air Mission Colombia USAF Crash, Mt Pichincha, Ecuador–18/US 12
- 340. 1964 -- Oct 27, USN Plane Crash into Commissary, El Centro NAS, CA -- 12
- 341. 1964 -- Nov 27, USN Lockheed P-2V Neptune Crash, Cape Newenham, AK -- 12
- 342. 1966 -- May 18, USAF KC-135 Stratotanker takeoff Crash, Kadena AB, Okinawa -- 12
- 343. 1968 -- Apr 01, USN P3B Coastal Surveillance Shot Down, Gulf of Thailand¹⁶¹ -- 12
- 344. 1969 -- Mar 08, USAF C130 Crash short of runway, Ching Chuan Kang AB, Taiwan-- 12

- 345. 2016 -- Jan 14, Aviation, Two Marine Helicopters Crash off Haleiwa, Oahu, HI -- 12

- 346. 1938 -- Feb 02, USN PBY-2 Bombers Collide off Coast of Southern CA -- 11
- 347. 1938 -- Mar 30, War games, 2 USN Consolidated patrol bombers crash, off Oahu, HI-- 11
- 348. 1939 -- Aug 11, Two USAAF Plane Crashes, Langley Field VA (9); Miramar CA (2)-- 11

¹⁶⁰ Cross-listed in Violence (Attack).

¹⁶¹ Cross-listed in Violence (Attack)

- 349. 1941 -- Jan 04, USN Transport *R2D-1* Landing Crash, San Diego, CA -- 11
- 350. 1941 -- Dec 30, 3 USAAF Planes Crash in CA; ~Allensworth, Keller Peak, Oakland-- 11
- 351. 1942 -- Mar 18 Eleven USAAF Planes Crash, CA (5), OH (4), TX, WV -- 11
- 352. 1942 -- Nov 11, USN Patrol Plane (Banana River NAS) Crash 5M off Melbourne FL--9-11
- 353. 1942 -- Oct 03, USN Sikorsky Flying Boat *Excalibur* Crashes, Botwood, NFLD, Can.-- 11
- 354. 1942 -- Oct 17, USAAF B-17 Crash, Sierra Grande Mt., NM -- 11

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

- 355. 1943 -- Jan 06, USAAF B-24 Crash, White City, KS -- 11
- 356. 1943 -- Jan 17, USAAF B-24 Crash, Alamogordo, NM -- 11
- 357. 1943 -- Jan 18, USAAF B-24 Crash, Bassett Peak, AZ -- 11
- 358. 1943 -- Jan 24, USAAF B-24 Crash, White Sands Nat. Monument, NM -- 11
- 359. 1943 -- Jan 31, USAAF Consolidated Liberator Crash, Tucson, AZ -- 11
- 360. 1943 -- Feb 28, USAAF B-26 Bombers (2), Mid-Air Collision, Avon Park, FL -- 11
- 361. 1943 -- Mar 27, USAAF C-47 explosion, structural failure, crash, Oliver Springs, TN-- 11
- 362. 1943 -- Mar 29, USAAF B-17 42-5313 Crash, Ephrata AFB, WA -- 11
- 363. 1943 -- Apr 15, USAAF Crash, Buckingham Army AF, Fort Myers, FL -- 11
- 364. 1943 -- May 07, USAAF B-17F Plane Crash, Army Air Base, Dalhart, TX -- 11
- 365. 1943 -- May 22, USAAF B-17 Crash, Army Air Base, Rapid City, SD -- 11
- 366. 1943 -- May 31, USAAF C-67 Plane Crash, Smith Creek Valley, NV -- 11
- 367. 1943 -- June 13, Two USAAF B-17F Bombers Collide near Fedora, SD --10-11
- 368. 1943 -- July 02, USN VF-5 Plane Crash, Table Top Mt. ~NAS Dutch Harbor, AK --10-11
- 369. 1943 -- July 07, USN PB4Y1 Liberator Plane Crash, off NAS Barbers Pt., Oahu, HI-- 11
- 370. 1943 -- July 15, USAAF B24D sea crash at end of runway, Castle Harbour, Bermuda-- 11
- 371. 1943 -- July 19, USAFF B-24E Crash, Taylor Canyon, 27 mi NE of Gunnison, CO -- 11
- 372. 1943 -- July 28, USAAF B-24E Crash, 12 mi. N Biggs Field, El Paso, TX -- 11
- 373. 1943 -- Aug 09, U.S. Navy bomber Crashes into bus, Pearl Harbor Navy Yard, HI -- 11
- 374. 1943 -- Aug 14, USAAF B-24E Plane Crash, Shoshone Nat. Forest, ~Dubois, WY -- 11
- 375. 1943 -- Aug 14, USAAF B-24E Plane Crash, near Ellsworth, KS -- 11
- 376. 1943 -- Aug 24, USAAF B-17 Crash, Gibson Ranch, near Dovetail & Winnett, MT -- 11
- 377. 1943 -- Sep 05, USAAF Skyrooper Crash, near Sedalia, MO -- 11
- 378. 1943 -- Sep 22, USAAF B-24D Plane Crash, near Waldo, KS -- 11
- 379. 1943 -- Sep 28, USAAF B-24H Plane Crash, near Fountain, CO -- 11
- 380. 1943 -- Sep 30, USAAF B-24H, Plane Crash, near Villa Santa Maria Del Norte, CO-- 11
- 381. 1943 -- Oct 03, USAAF B-17F Crash, Army Air Field, Brooksville, FL -- 11
- 382. 1943 -- Nov 25, USAAF B-24E's Collide, ~ Army Air Field, Liberal, KS -- 11

- 383. 1944 -- Mar 15, USAAF Bomber Crashes, Bull Mountain, ~Stuart, southwest VA -- 11
- 384. 1944 -- Apr 07, USAAF B-24H Lost, Atlantic Ocean, off coast of MA -- 11
- 385. 1944 -- Apr 24, USAAF B-17G Crash, near Ardmore Army Air Field, OK -- 11
- 386. 1944 -- May 26, USAAF B-17G Plane Crash, Ronald Horn farm, near Anthon, IA --10-11
- 387. 1944 -- May 30, USN PB4Y1 Liberator Emer. Lndg. Crash, NAAS Chincoteague, VA-- 11
- 388. 1944 -- July 2, USAAF B-29 Breaks-up/Storm/Crashes, near Harmon, OK -- 11
- 389. 1944 -- Sep 27, USAAF RB-24E Plane Crash, near San Jon and Tucumcari, NM -- 11
- 390. 1944 -- Oct 24, USAAF B-29 Crash, near Barksdale Field, Shreveport, LA -- 11

- 391. 1944 -- Nov 13, USAAF C-47 Crashes near Army Air Base, Casper, WY -- 11
- 392. 1944 -- Nov 18, USAAF B-24J Plane Crash, ~ March Field, Riverside, CA -- 11
- 393. 1944 -- Dec 27, USAAF B-24J Plane Crash, near Mattituck, Long Island, NY -- 11

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

- 394. 1945 -- Jan 9, USAAF B-24 Breakup/Crash ~Chatham Field, Savannah, GA -- 11
- 395. 1945 -- Jan 17, USAAF B-17F Plane Fire/Crash, near Bay Minette, AL -- 11
- 396. 1945 -- Jan 26, USN PB4Y-1 Liberator Landing Crash, ~NAAS Jacksonville, FL -- 11
- 397. 1945 -- Feb 9, USAAF B-24D Plane Crash, near Denio, OR -- 11
- 398. 1945 -- Apr 11, USAAF B-24J Crash, Atlantic, off Charleston, SC -- 11
- 399. 1945 -- Apr 24, USAAF B-29 Fire/Crash, Gulf of Mexico, off Key West, FL -- 11
- 400. 1945 -- Apr 27, USAAF C-46D Plane Crash, near Claude, TX -- 11
- 401. 1945 -- May 12, USAAF B-24M Plane Crash, 30M near Fort Bragg, CA -- 11
- 402. 1945 -- June 30, USAAF TB-24J Crash, Las Vegas Field, Las Vegas, NV -- 11
- 403. 1945 -- July 14, USAAF TB-25C Plane Crash, 1 mile NW of Weldon, TX -- 11
- 404. 1945 -- July 22, USAAF B-24M Crash, James River, ~Newport News, VA -- 11
- 405. 1945 -- Aug 09, USAAF TB-24D Crash near Buckingham Field, Ft. Myers, FL -- 11
- 406. 1946 -- Apr 4 USN R4D-6 Transport Plane Crash, sandhills 15M ~Albuquerque, NM-- 11
- 407. 1946 -- Oct 01, Plane Crash in storm, fire, USAAF B-29, Buffalo Valley, NV -- 11
- 408. 1948 -- Nov 01, USAF C-47 Plane Breakup and Crash, Thunderstorm, ~Muldrow, OK-- 11
- 409. 1949 -- Oct 13, USAF B50, out of Sculthorpe AB, Crash ~Isleham England --(US)11
- 410. 1949 -- Nov 03, USAF RB-29 Weather Plane Crash, off Kindley US AFB, Bermuda-- 11
- 411. 1949 -- Dec 22, USAF B50 Bomber Plane Crash, near Savannah, GA -- 11

- 412. 1950 -- Dec 23, USN P2V Neptune Crash, McCreight Mt., Vancouver Isl., BC, Can.-- 11
- 413. 1951 -- Aug 13, Plane Crash, USAF B-50, Lester Apartments, Beacon Hill, WA -- 11
- 414. 1951 -- Nov 27, US Navy Martin Mariner Crash, San Diego, CA -- 11
- 415. 1952 -- Apr 08, USAF B-25 Crash, Golden Peak, near Golden, CO -- 11
- 416. 1952 -- Jun 24, NM-based USAF B-50 Superfortress Crash near Lakenheath, UK -- 11
- 417. 1952 -- Oct 08, USAF B29 and F94 Jet Midair Collision near Portland, OR -- 11
- 418. 1952 -- Nov 12, USAF Consolidated Privateer Crash, Shelton, WA -- 11
- 419. 1954 -- Sep 28, USN PB-5 Marlin Takeoff Crash, Sangley Point NAS, Philippines -- 11
- 420. 1955 -- Feb 17, USAF Lockheed P-2 Neptune Crash, Elmendorf AFB, AK -- 11
- 421. 1955 -- Sep 26, US Navy P-2 Neptune 131442 Lost -- 11
- 422. 1956 -- Aug 31 Eielson AFB AK WB-50 Plane, Crashes 50 miles north of Anchorage-- 11
- 423. 1957 -- Apr 02, US Navy Neptune Plane Explos., ~Atlantic, Chincoteague AFB, VA-- 11
- 424. 1957 -- Jul 19, Willow Grove NAS, PA, Neptune Crash, San Martino Mt., no. Italy¹⁶²-- 11
- 425. 1958 -- Oct 18, USN Constellation Plane Crash, ~Argentina, Newfoundland, Canada -- 11

- 426. 1960 -- Sep 08, Yokota AB USAF Weather B-50 Crash into Mt., near Ishikawa, Japan-- 11
- 427. 1963 -- Aug 28, Apparent Mid-Air Collision, two USAF Tankers, off East Coast -- 11
- 428. 1966 -- Apr 09, US Navy Orion P-3A Crashes into Pacific 300km off San Diego, CA-- 11

- 429. 1973 -- Feb 07, Navy Corsair II Plane Crash/Apartment Bldg., Fire, Alameda, CA¹⁶³-- 11

¹⁶² Nine other U.S. service-men lost their lives in a search and rescue mission when their plane crashed.

430. 1986 -- Apr 02, USAF Hercules C-130 Plane Crash, Magdalena, NM -- 11
 431. 2000 -- Aug 9, USN Charter Patuxent Air¹⁶⁴ & Private Plane Collide, Burlington, NJ-- 11
 432. 2003 -- Mar 11, US Army Blackhawk Helicopter Crash, Fort Drum, NY -- 11
 433. 2015 -- Mar 10, U.S. Army Blackhawk Helicopter Crash, Gulf off Navarre Beach, FL-- 11

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

434. 1942 -- Jan 17, 3 USAAF Crashes, Riverside CA, Pendleton Field OR, Curtis Field TX--10
 435. 1942 -- Feb 4, USAAF Planes Crash, Lake Tahoe NV, Brooks Field TX, Trinity Ctr CA-10
 436. 1942 -- Mar 15, USAAF B-17 Flies into Mountain near Pendleton, OR -- 10
 437. 1942 -- Apr 05, USAAF B-17 Flying Fortress Plane Crash, Oahu, HI -- 10
 438. 1942 -- Apr 16, Two USAAF Planes Crash, Chesapeake Bay; MacDill Field, FL -- 10
 439. 1942 -- May 06, USAAF B-17 Disappears, Training Flight, Gulf of Mexico -- 10
 440. 1942 -- May 15, Four USAAF Crashes, CA (2), ~Wendover Field, UT, ~Mason, TX-- 10
 441. 1942 -- June 01, Planes Crash, Two USAAF (MD and PA) and one US Navy (CA) -- 9-10
 442. 1942 -- June 05, USN PB5Y-5A Plane Lost, NAS Pensacola to Gulf of Mexico -- 10
 443. 1942 -- July 18, USAAF B-17 Crash, North Reading, MA -- 10
 444. 1942 -- July 30, USAAF C-73 Takeoff Crash, Minneapolis, MN -- 10
 445. 1942 -- Sep 11, USAAF B-24 Crash, Mt. Baldy, AZ -- 10
 446. 1942 -- Nov 30, USAAF B-17 Crash, near Sioux City, IA -- 10
 447. 1942 -- Dec 02, USAAF B-17 Crash near Grace, ID -- 10
 448. 1943 -- Jan 06, USAAF B-24 Crash, Madill, OK -- 10
 449. 1943 -- Jan 02, USAAF B-17 Crash, Elko, NV -- 10
 450. 1943 -- Jan 12, USAAF B-24 Crash, Alamogordo, NM -- 10
 451. 1943 -- Jan 15, USAAF B-17 Crash, Gowen Field, ID -- 10
 452. 1943 -- Jan 24, USAAF B-24 Crash, Ruidoso, NM -- 10
 453. 1943 -- Jan 24, USAAF B-17 Crash, near Ordway, CO -- 10
 454. 1943 -- Jan 26, USAAF B-23 Dragon Crash, Flomaton, AL -- 10
 455. 1943 -- Feb 11, USAAF Bomber Crash, Near Walla Walla, WA -- 10
 456. 1943 -- Feb 25, USAAF B-17 Crash, near Glenrock, WY -- 10
 457. 1943 -- Feb 26, USAAF B-17 Crash, Biggs Field, El Paso, TX -- 10
 458. 1943 -- Mar 22, USAAF Plane Crash, Army Air Field, Harlingen, TX -- 10
 459. 1943 -- Apr 12, USAAF Plane Crash, near Davis-Monthan Field, Tucson, AZ -- 10
 460. 1943 -- Apr 21, USAAF B-24 Crash, approx. 210 miles off Virginia Beach, VA -- 10
 461. 1943 -- Apr 21, USAAF C-69A Crash, Evansville Municipal Airport, IN -- 10
 462. 1943 -- Apr 26, USAAF B-24D Crash, near Ballinger, TX -- 10
 463. 1943 -- Apr 29, USAAF B-24 Lost, Hamilton Field, CA to Hickam Field, HI -- 10
 464. 1943 -- May 16, USAAF B-17's Collide/Runway, Ephrata Army AB, WA -- 10
 465. 1943 -- May 23, USAAF B-17F Crash, Yellowstone National Park, MT -- 10
 466. 1943 -- May 29, USAAF B-24 Plane Lost, Pacific Ocean off Coast of CA -- 10
 467. 1943 -- June 28/29, USAAF Plane Crash, Big Horn Mts., Cloud Peak, WY -- 10
 468. 1943 -- June 29, USAAF B-24E Crash,, Alamogordo Army Air Base, NM -- 10
 469. 1943 -- July 03, USAAF B-17F Plane Crash,, White City, KS -- 10

¹⁶³ Cross-listed in Fire-Structural. The pilot was believed to have died prior to the crash, one person on the ground killed by the crash, and eight by fire, with one additional death to an unattributed cause.

¹⁶⁴ Patuxent Airways was operating at the time under Department of Defense contract, carrying Navy personnel.

470.	1943 -- July 21, USAAF B-26C's Collide, near Parrish, FL	--	10
471.	1943 -- Aug 1, US Army Air Force CG-4 Glider Demo Flight Crash, St. Louis, MO	--	10
472.	1943 -- Aug 12, USAAF B-24A Plane Crash, near Indio, CA	--	10
473.	1943 -- Aug 16, USAAF B-24E Plane Crash, near Pueblo, CO	--	10
474.	1943 -- Aug 16, USAAF B-24E Plane Crash, Gowen Field, Boise, ID	--	10
475.	1943 -- Aug 18, USAAF B24 Crash, Gulf of Mex., off Corpus Christi, TX	--	10
476.	1943 -- Aug 27, USAAF B-24 Crash, Cheyenne Mt., near Peterson Field, CO	--	10
477.	1943 -- Aug 29, USAAF B-24E Plane Crash, near Wendover Field, UT	--	10
478.	1943 -- Sep 01, USAAF B-17F Explosion/Crash, near Fort Benton, MT	--	10
479.	1943 -- Sep 02, USAAF B-24E Crash, near Army Air Base, Sioux City, IA	--	10
480.	1943 -- Sep 05, USAAF B-17F Plane Crash, Lake Cormorant, MS	--	10
481.	1943 -- Sep 06, USAAF B-17F Plane Crash, near Rapid City, SD	--	10
482.	1943 -- Oct 01, USAAF B-24D Plane Crash, Elk, CA	--	10
483.	1943 -- Oct 04, USAAF B-24D Crash, Army Air Base, Blythe, CA	--	10
484.	1943 -- Oct 06, USAAF B-24D Lost, Pacific Ocean off northern CA/OR	--	10
485.	1943 -- Oct 14, USAAF B-24D Plane Crash, Neighbours, CA	--	10
486.	1943 -- Oct 15, USAAF B-24E Crash, near Army Air Base, Blythe, CA	--	10
487.	1943 -- Oct 24, USAAF Crash, Smokey Hill Army Air Field, Salina, KS	--	10
488.	1943 -- Oct 29, USAAF B-24E Crash, Cucamonga Peak, Fontana, CA	--	10
489.	1943 -- Nov 03, USAAF B-24J Plane Crash, near Pueblo, CO	--	10
490.	1943 -- Nov 19, USAAF B-17F Crash, near Thonotosassa, FL	--	10
491.	1943 -- Dec 04, B-24 Bomber Crash, near Elverson, PA (near Reading, PA)	--	9-10
492.	1943 -- Dec 13, USAAF B-17F Plane Crash, near Rosebud, SD	--	10

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

493.	1944 -- Jan 03, USAAF B-24J Plane Crash, 25 miles SE of Muroc, CA	--	10
494.	1944 -- Jan 13, USAAF B-17 Crash, near Army Air Field, Fort Worth, TX	--	10
495.	1944 -- Jan 22, USAAF Collision, Gulf of Mexico, near Little Marco Pass, FL	--	10
496.	1944 -- Jan 24, USAAF C-60 & AT-7 Collide, near Farmersville, LA	--	10
497.	1944 -- Feb 12, Two USAAF B-17's Collide, one Crashes, Mill Creek, OK	--	10
498.	1944 -- Feb 23, USN North Amer. PBJ-1D Mitchell Bombers Collide ~Bern, NC	--	10
499.	1944 -- Feb 26, USAAF, B-24E Plane Lost, Atlantic Ocean, off SE Coast	--	10
500.	1944 -- Feb 26, USAAF B-17 Plane Crash, near Palmer Lake, CO	--	10
501.	1944 -- Mar 06, USAAF B17G Plane Crash, near Maxwell, IA	--	10
502.	1944 -- Mar 18, USAAF B24H Crash, near Davis-Monthan Field, Tucson AZ	--	10
503.	1944 -- Mar 20, USAAF RB-24E Crash, near Biggs Field, El Paso, TX	--	10
504.	1944 -- Mar 26, USAAF, B-24 Crash, near Naval Air Station, Melbourne, FL	--	10
505.	1944 -- Apr 09, USAAF B-24D Crash, near USMC Air Station, Mojave, CA	--	10
506.	1944 -- Apr 24, USAAF B-24H Plane Crash, near Epsom, NH	--	10
507.	1944 -- Apr 29, USAAF RB-24E Liberator Bomber Plane Crash, near Merna, NE	--	10
508.	1944 -- May 05 USAAF Crash, out of Hickam Field HI, Aiea Ridge, Oahu, HI	--	10
509.	1944 -- May 10, USAAF Plane Crash, near Biggs Field, El Paso, TX	--	10
510.	1944 -- May 16, USN Dirigible Airship K-5 Crash, Lakehurst NAS, NJ	--	10
511.	1944 -- May 18, USAAF B-17 Crash, near Rapid City Army Air Base, SD	--	10
512.	1944 -- May 27, USAAF B-24J Crash, Westover Field, Chicopee, MA	--	10

513.	1944 -- May 29, USAAF B-17G Plane Crash, near Ridgely, TN	--	10
514.	1944 -- June 07, USAAF B-24J Plane Crash, near Chappell, NE	--	10
515.	1944 -- June 13, USAAF B-24E Bomber Crash, Green Knob Mt., near Asheville, NC--	10	
516.	1944 -- June 20, USAAF B-24J Lost, Atlantic Ocean, off Southeast Coast	--	10
517.	1944 -- June 22, USAAF B-24J Crash, near Walla Walls Army Air Field, WA	--	10
518.	1944 -- June 29, USAAF B-24D Plane Crash, near Tobe, CO	--	10
519.	1944 -- June 30, USAAF B-24J Plane Lost, off Myrtle Beach, SC	--	10
520.	1944 -- July 04, USAAF B-24J Planes Collide, near Palm Springs, CA	--	10
521.	1944 -- July 11, USAAF B-17G Crash, Deer Mountain near Rangeley, ME	--	10
522.	1944 -- July 20, USAAF B1-17F's Collide, Brooksville, FL	--	10
523.	1944 -- July 20, USAAF B-24's Collide, near Roswell, NM	--	10
524.	1944 -- July 23, USAAF B-24J Fire/Crash, near Chatham Field, Savannah GA	--	10
525.	1944 -- July 25, USAAF B-24 Crash, San Pablo Bay, near San Rafael, CA	--	10
526.	1944 -- July 30, USAAF B-17 Breaks-up/Crashes, 6M from St. Marks, FL	--	10
527.	1944 -- Aug 09, USAAF B-24J Plane Fire/Crash, near Kiowa, CO	--	10
528.	1944 -- Aug 21, USAAF YB-29 Plane Crash, 25M near Alamogordo, NM	--	10
529.	1944 -- Aug 27, USAAF B-17G Plane Crash, 20M near Bay St. Louis, MS	--	10
530.	1944 -- Sep 01, USAAF B-24J Plane Crash, near Muroc Army Air Field, CA	--	10
531.	1944 -- Sep 29, USN PBM-3D Crash, Southeast of Palau Island, West Central Pacific--	10	
532.	1944 -- Oct 17, USAAF B-24J Plane Crash, 12M NE of Ukiah, OR	--	10
533.	1944 -- Oct 29, USAAF B-17F Crash, near Chatham Field, Savannah, GA	--	10
534.	1944 -- Nov 29, USAAF B-24 Liberator Plane Crash, Middle Mt., Nottingham, NH	--	9-10
535.	1944 -- Dec 08, USAAF AT-18 Planes Collide, Sioux Falls AAF, SD	--	10
536.	1944 -- Dec 22, USAAF B-24 Crash, Mt. Gleason, La Crescenta, CA	--	10
537.	1944 -- Dec 29, USAAF B-24J Plane Break-up/Crash, near Meridian, ID	--	10
538.	1944 -- Dec 30, USAAF B-29 Plane Fire/Crash, near Walker AAF, KS	--	10

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

539.	1945 -- Jan 20, USAAF B-24J Crash, near Muroc Army Air Field, CA	--	10
540.	1945 -- Jan 26, USAAF B-17G Crash, near Hendricks Field, Sebring, FL	--	10
541.	1945 -- Feb 12, USAAF B-24D Plane Crash, near Troy, OR	--	10
542.	1945 -- Mar 03, USAAF B-17F Plane Crash, near Winnfield, LA	--	10
543.	1945 -- Mar 06, USAAF B-24D, Crash, near Mountain Home AAF, ID	--	10
544.	1945 -- Apr 08, USAAF TB-17F Plane Crash, near Tellico Plains, TN	--	10
545.	1945 -- Apr 16, USAAF AT-11's Collide, near Big Spring, TX	--	10
546.	1945 -- Jun 11, USAAF B-29 Structural Failure/Crash near Rush Springs, OK	--	10
547.	1945 -- July 17, USAAF B-17F Crash, near Smoky Hill AAB, Salina, KS	--	10
548.	1945 -- Aug 22, USN PB4Y-2 Plane Crash into sea, Trng. Flight, off San Diego, CA--	10	
549.	1945 -- Sep 07, USAAF B-29 Fire/Crash, 4½ miles south, Wedowee, AL	--	10
550.	1946 -- Mar 07, USAF B-29 Superfortress Crash, Kirtland AAR, NM	--	10
551.	1947 -- Feb 22, U.S. Coast Guard PBM-5 Crashes in Mex. on way back to San Diego--	10	
552.	1947 -- Aug 16, USAF B17 Plane Crash 50 miles off Barbers Point, Kalaeloa, HI	--	10
553.	1948 -- Aug 5, USN Douglas R4D-6 and civilian Stearman Collide ~NAS Miami, FL--	10	
554.	1948 -- Dec 22, USAF B-50 Crash near Fairbanks, AK	--	10

555. 1949 -- Aug 31, US Navy Martin Mariner PBM-5 Crash, off San Diego, CA -- 10

Military Craft – Aviation Disasters Subset of Aviation List (Cont.)

556. 1950 -- Apr 08, USN Privateer Patrol Bomber Shot Down by USSR, Baltic Area¹⁶⁵ -- 10
557. 1951 -- Jun 03, USAF Plane Crash, New Boston, TX -- 10
558. 1951 -- Aug 31, USAF Consol. Privateer Crash, Little Tanaga Island, AK -- 10
559. 1951 -- Nov 06, P2V-3W Shot Down by Soviet Aircraft, Sea of Japan -- 10
560. 1952 -- Mar 21, USAF Consolidated Privateer Crash, off Corpus Christi NAS, TX -- 10
561. 1952 -- Apr 1-10, Military Plane Crashes, Parachuting, “Exercise Longhorn,” TX -- 10
562. 1952 -- Apr 05, USAF B-29 weather plane crash, McClellan AFB, Sacramento, CA -- 10
563. 1952 -- Oct 26, USAF WB-29 lost, Typhoon, Anderson AFB, Guam to Philippines -- 10
564. 1953 -- Jan 28, USN PB4Y Privateer Plane Crash, Black Peak, WA -- 10
565. 1953 -- Mar 18, Plane Crash, USAF Superfortress, St. George’s Bay, NFL, Can. -- 10
566. 1954 -- Jan 04, US Navy P2V Neptune Bomber Lost, Yellow Sea, off Coast of Korea-- 10
567. 1954 -- Feb 05, USAF C-47 Crashes, Susitna Valley, AK -- 10
568. 1954 -- May 05, USN PBM-5 Seaplane Crash, Sidewalk Mt., near Carricitos, Mexico-- 10
569. 1954 -- Dec 22, Johnson Flying Service Crash, Monongahela River, Pittsburgh, PA -- 10
570. 1955 -- June 29, USAF C-47 Transport Plane Crash, Sitkinak Island, AK -- 10
571. 1956 -- Nov 9, USN P5M Marlin Patrol Plane Lost no. of Bermuda, possibly off MD-- 10
572. 1956 -- Nov 30, USAF Boeing B-52 Crash, Merced, CA -- 10
573. 1956 -- Dec 28, USAF B-50 Weather Recon. Crash, Yokota AB approach, Japan-(9 US)10
574. 1957 -- July 23, USN P-2 Neptune Explosion, off Barbers Point Naval Air Sta., HI -- 10
575. 1957 -- Dec 09, Navy P5M Marlin Seaplane Explosion/Crash, Corpus Christi, TX -- 9-10
576. 1958 -- Jan 15 Anderson AFB, Guam USAF Weather WB50 Lost, Typhoon Ophelia-- 10
577. 1958 -- Sep 29, USN Neptune PV-2 Patrol Plane Crash, 22M no. of Key West, FL -- 10
578. 1959 -- May 20, USAF C-130 Hercules Plane Crash into Barracks, Ashiya AB, Japan-- 10

579. 1962 -- Sep 22, US Navy Martin Marlin P5M Crash, Montague Island, Gulf of AK -- 10
580. 1963 -- Sep 22, USAF C-133A Cargomaster Crash, Atlantic SE Dover AFB, DE -- 10
581. 1964 -- May 11, USN P2V Plane Crash, Atlantic, 25 mls SW of US AB Rota, Spain -- 10
582. 1964 -- Nov 17, USN P-3A Orion Landing Crash, Fog, USN Base, Argentia NFL¹⁶⁶-- 10
583. 1968 -- Jul 28, USAF C-124A, GA Reserve, Crash, 50 miles NW of Recife, Brazil -- 10
584. 1970 -- Aug 3, Navy P3A Orion, Lightning, Turbulence Breakup, ~Searchlight, NV¹⁶⁷-- 10
585. 1971 -- Nov 12, USAF Lockheed C-130 Hercules Crash, Little Rock AFB, AR -- 10
586. 1973 -- Dec 11, USN Douglas R6D-1 Crash, Great Sitkin Island, AK -- 10
587. 1987 -- Oct 20, USAF A-7D Jet Crash, Ramada Inn, Wayne Twp., ~Indianapolis, IN-- 10
588. 1988 -- Oct 25, USMC CH-46/UH-1N Helicopters Crash, Goldwater Gun. Range, AZ-- 10
589. 1996 -- Nov 22, USAF Hercules Engine Loss/Crash, Pacific ~Cape Mendocino, CA-- 10
590. 2002 -- Aug 7, Plane Crash, USAF Combat Talon II, Caguas, Puerto Rico -- 10
591. 2017 -- Dec 31, plane crash, 2 C.R. pilots, 10 U.S. citizens, NW Costa Rica --10US of 12

Other:

¹⁶⁵ Cross-listed in Violence – Attack.

¹⁶⁶ Cross-listed in Fog as a Contributing Factor.

¹⁶⁷ Cross-listed in Lightning.

1944 -- Apr 19, USN Airship K-133, Houma NAS, LA, downs in T-storm, Gulf of Mexico	9
1948 -- Jan 30, USAF B-17 Crash, Cheval Blanc Mountain, Southern France	-- 9
1954 -- Dec 29, Plane rear-door fails/crash, USAF C119, Shin Point ~New Hope, AL	-- 9
1959 -- May 11, Plane Crash, USN P2V, Whidbey Island Naval Air Station, WA	-- 9
1963 -- Dec 23, USAF B-52 Stratofortress Crash after takeoff, Columbus AFB, MS	-- 9
1975 -- Jan 09, USAF T29D and Cessna Collide 4 miles west of Newport News, VA	-- 9
1996 -- Aug 17, USAF C-130 Crash, Presidential support mission, ~Jackson Hole, WY	-- 9
1978 -- Sep 08, USAF C130 Crash into mountain, ~8 miles N of Little Rock AFB, AR	-- 8
1982 -- Aug 31, USAF C-141 transport plane crash, John's Knob, Cherokee Nat., TN	-- 9
1982 -- Sep 11, USAF Chinook Crash, Airshow, ~Mannheim, Germany	--46, U.S. 7-8
1986 -- Aug 29, USN CH-46 Helicopter Crash, Carrier USS <i>Saipan</i> off Bodoe, Norway	-- 8
1995 -- Apr 17, Plane Crash, USAAF C-21 Learjet, near Alexander City Airport, AL	-- 8
1946 -- Aug 9, USAF A-26 Bombers Collide, No. Montana State Fair, Great Falls	-- 7
1959 -- July 22, Plane Explosion and Crash, USAF KC-97, near East Andover, NH	-- 7
1922 -- Sep 23, US Bomber Crashes, "Flying Circus", Mitchel Field, Mineola, NY	-- 6
1942 -- May 24, USAAF Transport Plane Crashes in swamp near Howe Brook, ME	-- 6
1957 -- Apr 12, U.S. Navy Neptune VP26 Bomber Crashes, Brunswick, ME	-- 6
1962 -- May 09 USAF KC-135A Stratotanker Engine Failure, Crash, Loring, AFB, ME	-- 6
1962 -- May 27, Dover AFB USAF C133 Cargomaster Crash, Atlantic off Dover, DE	-- 6
1978 -- Nov 30, USAF C-130 Plane Crash, near Cottageville, SC	-- 6
1983 -- Jul 10/11, US Army CH-47 Chinook Helicopter Crash, South Fox Island, MI	-- 6
1988 -- Jun 08, Air Nat. Guard C-130 Crash, touch-and-go-landing, Greenville, MS	-- 6
1992 -- Oct 7, WV Air National Guard C-130 Crash, Berkeley Springs, WV	-- 6
1996 -- June 18, Army transport helicopters collide and crash, Fort Campbell, KY	-- 6
1921 -- Mar 23, USN Free Balloon from NAS Pensacola, FL downs in Gulf of Mexico	-- 5
1945 -- May 27, Plane Crash debris hits car, USAAF Show, Wright Field, Dayton, OH	-- 5
1952 -- Apr 14, USN P2V Ventura Patrol Bomber Crash, Brunswick NAS, ME	-- 5
1972 -- Feb 19, USAF C-130 and T-37 Planes Collide, NE of Little Rock AFB, AR	-- 5
1978 -- Dec 10, USAF C-130 Hercules Plane Crash, landing phase, Ft. Campbell, KY	-- 5
1989 -- Dec 01, Plane Crash, US Army CASA 212, Patuxent River NAS, MD	-- 5
1996 -- Mar 07, US Army Chinook from Fort Campbell Crashes near Olmstead, KY	-- 5
1987 -- Sep 28, Bird Strike and Plane Crash, USAF B1-B, La Junta, CO	-- 3

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

	1921 -- Mar 23, USN Free Balloon from NAS Pensacola, FL downs in Gulf of Mexico--	5
1.	1922 -- Feb 21, Dirigible <i>Roma</i> Crashes, Hampton Roads Naval Base, VA	-- 34
	1922 -- Sep 23, US Bomber Crashes, "Flying Circus", Mitchel Field, Mineola, NY	-- 6
2.	1925 -- Sep 3, Navy Dirigible <i>Shenandoah</i> Crash, Noble County, OH	-- 14
3.	1933 -- Apr 04, Dirigible Crash, USS <i>Akron</i> (Navy ZRS-4), off Coast of NJ ¹⁶⁸	-- 75
4.	1938 -- Feb 02, USN PBY-2 Bombers Collide off Coast of Southern CA	-- 11
5.	1938 -- Mar 30, War games, 2 USN Consolidated patrol bombers crash, off Oahu, HI	-- 11
6.	1939 -- Aug 11, Two USAAF Plane Crashes, Langley Field VA (9); Miramar CA (2)	-- 11
7.	1940 -- Jun 17, Two USAAF Bombers Collide/Crash, Bellerose Manor, Queens, NY	-- 12
8.	1941 -- Jan 04, USN Transport <i>R2D-1</i> Landing Crash, San Diego, CA	-- 11
9.	1941 -- Nov 2, US Naval Patrol "Flying Boat" Crashes, mountain ~Krisuvik, Iceland	-- 12
10.	1941 -- Dec 30, 3 USAAF Planes Crash in CA; ~Allensworth, Keller Peak, Oakland	-- 11
11.	1942 -- Jan 14, Five USAAF Planes Crash, AL, ID, NH, TX, VA	-- 15
12.	1942 -- Jan 17, 3 USAAF Crashes, Riverside CA, Pendleton Field OR, Curtis Field TX--	10
13.	1942 -- Feb 4, USAAF Planes Crash, Lake Tahoe NV, Brooks Field TX, Trinity Ctr CA--	10
14.	1942 -- Feb 11, Four USAAF Planes Crash, Taft, Lemoore CA, Granby CT, WA	-- 13
15.	1942 -- Feb 20, Seven U.S. Military Planes Crash, CA, Wash. DC, TX (2), WA (2)	-- 13
16.	1942 -- Mar 05, 2 USAAF Plane Crashes, St. Lucie Riv., Port Sewall, FL; off NC/VA--	15
17.	1942 -- Mar 15, USAAF B-17 Flies into Mountain near Pendleton, OR	-- 10
18.	1942 -- Mar 18, Eleven USAAF Planes Crash, CA (5), OH (4), TX, WV	-- 11
19.	1942 -- Apr 02, Six USAAF Planes Crash, AR, CA, GA (2), TX, WA	-- 12
20.	1942 -- Apr 03, Seven USAAF Planes Crash: ID, LA, NC, RI, SC, TX	-- 20
21.	1942 -- Apr 05, USAAF B-17 Flying Fortress Plane Crash, Oahu, HI	-- 10
22.	1942 -- Apr 12, Two U.S. Navy Bombers Crash near Livermore, CA	-- 14
23.	1942 -- Apr 16, Two USAAF Planes Crash, Chesapeake Bay; MacDill Field, FL	-- 10
24.	1942 -- Apr 29, Four USAAF Planes Crash -- Kodiak, AK; Smyer, TX; Orlando, FL	-- 15
25.	1942 -- May 3, 3 USAAF Crashes Or/WA, Meacham, Pleasant Val., OR; McChord Field, WA--	17
26.	1942 -- May 06, USAAF B-17 Disappears, Training Flight, Gulf of Mexico	-- 10
27.	1942 -- May 12, Five USAAF Planes Crash, IL, OK (4), Paine Field, near Everett, WA--	12
28.	1942 -- May 15, Four USAAF Crashes, CA (2), ~Wendover Field, UT, ~Mason, TX	-- 10
	1942 -- May 24, USAAF Transport Plane Crashes in swamp near Howe Brook, ME	-- 6
29.	1942 -- June 01, Planes Crash, Two USAAF (MD and PA) and one US Navy (CA)	-- 9-10
30.	1942 -- June 04, US Army AF LB-30 Crash, near Hamilton Field, CA	-- 14
31.	1942 -- June 05, USN PBY-5A Plane Lost, NAS Pensacola to Gulf of Mexico	-- 10
32.	1942 -- June 08, USN Airships Collide, <i>Defender/G-1</i> , Ocean, near Lakehurst, NJ	-- 12
33.	1942 -- July 01, US Army AF Douglas C-49E Crash, Near Premier, WV	-- 21
34.	1942 -- July 18, USAAF B-17 Crash, North Reading, MA	-- 10
35.	1942 -- July 30, USAAF C-73 Takeoff Crash, Minneapolis, MN	-- 10
36.	1942 -- Aug 15, US Army AF C-53 Crash, near Garnet Peak, Peru, MA	-- 16

¹⁶⁸ 73 fatalities on the Akron and 2 fatalities from rescue attempt, crew of airship J-3.

37.	1942 -- Aug 19, USN Plane hits tugboat, Coco Solo Navy Base, Panama Ca. Zone	--12-14
38.	1942 -- Sep 11, USAAF B-24 Crash, Mt. Baldy, AZ	-- 10
39.	1942 -- Sep 22, Eight USAAF Planes Crash or Collide, CT, FL (3), GA, ME (2), PA	-- 25
40.	1942 -- Oct 01, USAAF C-39 Transport Plane Crashes near Caomo, Puerto Rico	-- 22
41.	1942 -- Oct 03, USN Sikorsky Flying Boat <i>Excalibur</i> Crashes, Botwood, NFLD, Can.	-- 11
42.	1942 -- Oct 17, USAAF B-17 Crash, Sierra Grande Mt., NM	-- 11
43.	1942 -- Oct 23, American Air/U.S. Army B-4 Bomber, Palm Springs, CA	-- 12
44.	1942 -- Nov 11, USN Patrol Plane (Banana River NAS) Crash 5M off Melbourne FL	-- 9-11
45.	1942 -- Nov 30, USAAF B-17 Crash, near Sioux City, IA	-- 10
46.	1942 -- Dec 02, USAAF B-17 Crash near Grace, ID	-- 10
47.	1942 -- Dec 05, USAAF C-47 Approach Crash, ~Maxwell Field, Montgomery, AL	-- 12
48.	1942 -- Dec 30, U.S. Army Air Force B-17 Crash, Musselshell, MT	-- 12

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

49.	1943 -- Jan 02, USAAF B-17 Crash, Elko, NV	-- 10
50.	1943 -- Jan 06, USAAF B-24 Crash, White City, KS	-- 11
51.	1943 -- Jan 06, USAAF B-24 Crash, Madill, OK	-- 10
52.	1943 -- Jan 12, USAAF B-24 Crash, Alamogordo, NM	-- 10
53.	1943 -- Jan 15, USAAF B-17 Crash, Gowen Field, ID	-- 10
54.	1943 -- Jan 15, USAAF C-54 (TWA Contract), Crash, Dutch Guiana [Suriname]	-- 35
55.	1943 -- Jan 17, USAAF B-24 Crash, Alamogordo, NM	-- 11
56.	1943 -- Jan 18, USAAF B-24 Crash, Bassett Peak, AZ	-- 11
57.	1943 -- Jan 21, Pan Am 1104 (USN Transport) Crashes, Mt. ~Boonville & Ukiah CA	-- 19
58.	1943 -- Jan 24, USAAF B-17 Crash, near Ordway, CO	-- 10
59.	1943 -- Jan 24, USAAF B-24 Crash, Ruidoso, NM	-- 10
60.	1943 -- Jan 24, USAAF B-24 Crash, White Sands Nat. Monument, NM	-- 11
61.	1943 -- Jan 25, U.S. Army Air Force B-17 Crash, New Albany, OH	-- 12
62.	1943 -- Jan 26, USAAF B-23 Dragon Crash, Flomaton, AL	-- 10
63.	1943 -- Jan 31, USAAF Consolidated Liberator Crash, Tucson, AZ	-- 11
64.	1943 -- Feb 05, Mid-air Collision, 2 USAAF B-25 Bombers, Newberry, SC	-- 14
65.	1943 -- Feb 11, USAAF Bomber Crash, Near Walla Walla, WA	-- 10
66.	1943 -- Feb 17, U.S. Army Air Force B-17 Crash, near Huron, SD	-- 12
67.	1943 -- Feb 18, Boeing XB-29 Crash into Frye Packing Plant, Fire, Seattle, WA ¹⁶⁹	--32-34
68.	1943 -- Feb 25, USAAF B-17 Crash, near Glenrock, WY	-- 10
69.	1943 -- Feb 26, USAAF B-17 Crash, Biggs Field, El Paso, TX	-- 10
70.	1943 -- Feb 28, USAAF B-26 Bombers (2), Mid-Air Collision, Avon Park, FL	-- 11
71.	1943 -- Mar 22, USAAF Plane Crash, Army Air Field, Harlingen, TX	-- 10
72.	1943 -- Mar 27, USAAF C-47 explosion, structural failure, crash, Oliver Springs, TN	-- 11
73.	1943 -- Mar 29, USAAF B-17 42-5313 Crash, Ephrata AFB, WA	-- 11
74.	1943 -- Apr 12, USAAF Plane Crash, near Davis-Monthan Field, Tucson, AZ	-- 10
75.	1943 -- Apr 15, USAAF Crash, Buckingham Army AF, Fort Myers, FL	-- 11

¹⁶⁹ Though the Boeing employees were civilians, they were under contract to the military for a military bomber.

76. 1943 -- Apr 21, USAAF C-69A Crash, Evansville Municipal Airport, IN	--	10
77. 1943 -- Apr 21, USAAF B-24 Crash, approx. 210 miles off Virginia Beach, VA	--	10
78. 1943 -- Apr 23, USAAF, B-26C's Collide, Army Air Base, Venice FL	--	13
79. 1943 -- Apr 26, USAAF B-24D Crash, near Ballinger, TX	--	10
80. 1943 -- Apr 29, USAAF B-24 Lost, Hamilton Field, CA to Hickam Field, HI	--	10

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

81. 1943 -- May 07, USAAF B-17F Plane Crash, Army Air Base, Dalhart, TX	--	11
82. 1943 -- May 08, Crash, USAAF C-47, near Tinker Field, Oklahoma City, OK	--	15
83. 1943 -- May 13, Collision, USAAF B-24's, near Biggs Field, El Paso, TX	--	15
84. 1943 -- May 15, Fog/Crash, USAAF C-47, Ginger Cake Mountain, NC ¹⁷⁰	--	18
85. 1943 -- May 16, USAAF B-17's Collide/Runway, Ephrata Army AB, WA	--	10
86. 1943 -- May 20, USAAF B-24E Plane Hits Natural Gas Tank, Fog, Chicago IL ¹⁷¹	--	12
87. 1943 -- May 22, USAAF B-17 Crash, Army Air Base, Rapid City, SD	--	11
88. 1943 -- May 23, USAAF B-17F Crash, Yellowstone National Park, MT	--	10
89. 1943 -- May 29, USAAF B-24 Plane Lost, Pacific Ocean off Coast of CA	--	10
90. 1943 -- May 31, USAAF C-67 Plane Crash, Smith Creek Valley, NV	--	11
91. 1943 -- June 13, Two USAAF B-17F Bombers Collide near Fedora, SD	--10-11	
92. 1943 -- June 25, Navy Plane Crashes, St. John River near Green Cove Springs, FL	--	13
93. 1943 -- June 26, Six USAAF Plane Crashes/Collisions, CA (2), FL (2), ME, SC	--	16
94. 1943 -- June 28/29, USAAF Plane Crash, Big Horn Mts., Cloud Peak, WY	--	10
95. 1943 -- June 29, USAAF B-24E Crash,, Alamogordo Army Air Base, NM	--	10
96. 1943 -- July 02, USN VF-5 Plane Crash, Table Top Mt. ~NAS Dutch Harbor, AK	--10-11	
97. 1943 -- July 03, USAAF B-17F Plane Crash, White City, KS	--	10
98. 1943 -- July 05, USAAF B-24E Crash, fog, Green Mt., San Miguel Island, CA	--	12
99. 1943 -- July 07, USN PB4Y1 Liberator Plane Crash, off NAS Barbers Pt., Oahu, HI--	11	
100. 1943 -- July 15, USAAF B24D sea crash at end of runway, Castle Harbour, Bermuda--	11	
101. 1943 -- July 19, USAFF B-24E Crash, Taylor Canyon, 27 mi NE of Gunnison, CO	--	11
102. 1943 -- July 19, Plane Crash, USAAF C-53D, near Malcolm and Lincoln, NE	--	13
103. 1943 -- July 21, USAAF B-26C's Collide, near Parrish, FL	--	10
104. 1943 -- July 24, USAAF B-17A Crash, near Army Air Base, Ephrata, WA	--	13
105. 1943 -- July 28, USAAF B-24E Structural Failure/Crash, Adena, CO	--	12
106. 1943 -- July 28, USAAF B-24E Crash, 12 mi. N Biggs Field, El Paso, TX	--	11
107. 1943 -- Aug 1, US Army Air Force CG-4 Glider Demo Flight Crash, St. Louis, MO--	10	
108. 1943 -- Aug 09, U.S. Navy bomber Crashes into bus, Pearl Harbor Navy Yard, HI	--	11
109. 1943 -- Aug 10, Two Walla Walla USAAF bombers crash, ~Cecil, OR, Paterson, WA--	15	
110. 1943 -- Aug 12, USAAF B-24A Plane Crash, near Indio, CA	--	10
111. 1943 -- Aug 14, USAAF B-24E Plane Crash, Shoshone Nat. Forest, ~Dubois, WY	--	11
112. 1943 -- Aug 14, USAAF B-24E Plane Crash, near Ellsworth, KS	--	11
113. 1943 -- Aug 16, USAAF B-24E Plane Crash, near Pueblo, CO	--	10

¹⁷⁰ Cross-listed under Fog as contributing condition.

¹⁷¹ Cross-listed in Fog as a Contributing Factor.

114.	1943 -- Aug 16, USAAF B-24E Plane Crash, Gowen Field, Boise, ID	--	10
115.	1943 -- Aug 18, USAAF B-24E Plane Crash, Otero County, NM	--	12
116.	1943 -- Aug 18, USN Patrol Plane, VP-210, Crashes off Montauk Pt. Long Isl., NY	--	12
117.	1943 -- Aug 18, USAAF B24 Crash, Gulf of Mex., off Corpus Christi, TX	--	10
118.	1943 -- Aug 24, USAAF B-17 Crash, Gibson Ranch, near Dovetail & Winnett, MT	--	11
119.	1943 -- Aug 27, USAAF B-24 Crash, Cheyenne Mt., near Peterson Field, CO	--	10
120.	1943 -- Aug 28, 3 USAAF Planes Collide, near Army Air Base, Harvard, NE	--	14
121.	1943 -- Aug 29, USAAF B-24E Plane Crash, near Wendover Field, UT	--	10

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

122.	1943 -- Sep 01, USAAF B-17F Explosion/Crash, near Fort Benton, MT	--	10
123.	1943 -- Sep 02, USAAF B-24E Crash, near Army Air Base, Sioux City, IA	--	10
124.	1943 -- Sep 05, USAAF B-17F Plane Crash, Lake Cormorant, MS	--	10
125.	1943 -- Sep 05, USAAF Skytrooper Crash, near Sedalia, MO	--	11
126.	1943 -- Sep 06, USAAF B-17F Plane Crash, near Rapid City, SD	--	10
127.	1943 -- Sep 10, Mid-Air Collision, 2 USAAF B-17's, off Galveston, TX	--	22
128.	1943 -- Sep 20, Military Transport Crash, Laurinburg-Maxton Army Air Base, NC	--	25
129.	1943 -- Sep 22, USAAF B-24D Plane Crash, near Waldo, KS	--	11
130.	1943 -- Sep 22, Plane Crash, USAAF C-53, near Calcutta, India	--	20
131.	1943 -- Sep 28, USAAF B-24H Plane Crash, near Fountain, CO	--	11
132.	1943 -- Sep 30, USAAF B-24H, Plane Crash, near Villa Santa Maria Del Norte, CO	--	11
133.	1943 -- Oct 01, USAAF B-24D Plane Crash, Elk, CA	--	10
134.	1943 -- Oct 03, USAAF B-17F Crash, Army Air Field, Brooksville, FL	--	11
135.	1943 -- Oct 04, USAAF B-24D Crash, Army Air Base, Blythe, CA	--	10
136.	1943 -- Oct 06, USAAF B-24D Lost, Pacific Ocean off northern CA/OR	--	10
137.	1943 -- Oct 14, USAAF B-24D Plane Crash, Neighbours, CA	--	10
138.	1943 -- Oct 15, USAAF B-24E Crash, near Army Air Base, Blythe, CA	--	10
139.	1943 -- Oct 22, US Army Air Force C-47 Crash, Lawson Field, Ft. Benning, GA	--	20
140.	1943 -- Oct 22, Crash, USAAF B-17, Arkansas River, near Ponca City, OK	--	14
141.	1943 -- Oct 24, USAAF Crash, Smokey Hill Army Air Field, Salina, KS	--	10
142.	1943 -- Oct 25, Two USAAF B-24H Planes Collide, near Milligan, NE	--	17
143.	1943 -- Oct 29, USAAF B-24E Crash, Cucamonga Peak, Fontana, CA	--	10
144.	1943 -- Oct 29, Crash, USAAF B-24, Atlantic off West Palm Beach, FL	--	14
145.	1943 -- Oct 29, USAAF C-47 Crashes at Hoffman-Mackall AAF, NC	--	14
146.	1943 -- Nov 03, USAAF B-24J Plane Crash, near Pueblo, CO	--	10
147.	1943 -- Nov 18, USAAF B-24J Plane Crash, near Melrose, NM	--	12
148.	1943 -- Nov 18, USN Transport Plane Crash, 30 miles E of Rio De Janeiro, Brazil-17 of 18		
149.	1943 -- Nov 19, USAAF B-17F Crash, near Thonotosassa, FL	--	10
150.	1943 -- Nov 25, USAAF B-24E's Collide, ~ Army Air Field, Liberal, KS	--	11
151.	1943 -- Dec 04, B-24 Bomber Crash, near Elverson, PA (near Reading, PA)	--	9-10
152.	1943 -- Dec 07, Navy planes collide, bomb falls, Marines on ground die, Maui, HI ¹⁷²	--	20-22

¹⁷² Cross-listed under Explosions.

153.	1943 -- Dec 13, USN PBM-3S, VP-213, BuNo 48126 Lost on Patrol off NC Coast	--	18
154.	1943 -- Dec 13, USAAF B-17F Plane Crash, near Rosebud, SD	--	10
155.	1943 -- Dec 14, USAAF B-24J Plane Crash, near Omaha, NE	--	16
156.	1943 -- Dec 15, USAAF B-17 Plane Crash, Army Air Base, Ardmore, OK	--	12
157.	1943 -- Dec 19, Two USAAF B-24s Crash -- near Sausalito, CA and near Burley, ID--		17
158.	1943 -- Dec 22, USAAF B-24 Crash, near Morrison Field, West Palm Beach, FL	--	14
159.	1943 -- Dec 29, Mid-Air Collision 2 USAAF B-24's, Near Lakeside, UT	--	25

AVIATION Disasters **Subset** -- **MILITARY Craft and Charters** -- **CHRONOLOGICAL**

160.	1944 -- Jan 02, USAAF B-17G Breakup, McClellan Field, Sacramento CA	--	13
161.	1944 -- Jan 03, USAAF B-24J Plane Crash, 25 miles SE of Muroc, CA	--	10
162.	1944 -- Jan 13, USAAF B-17 Crash, near Army Air Field, Fort Worth, TX	--	10
163.	1944 -- Jan 22, USAAF Collision, Gulf of Mexico, near Little Marco Pass, FL	--	10
164.	1944 -- Jan 24, USAAF C-60 & AT-7 Collide, near Farmersville, LA	--	10
165.	1944 -- Jan 20, USN PB4Y-1 Liberator 32163 Crash after takeoff, Camp Kearny, CA--		13
166.	1944 -- Jan 26, Navy Patrol Plane Crashes, Key West Naval Patrol Station, FL	--	11-12
167.	1944 -- Feb 03, USAAF B-26B's Collide, near Garland, AR	--	13
168.	1944 -- Feb 07, Two USAAF Planes Crash, Parkton, NC, Wendover Field, UT	--	13
169.	1944 -- Feb 12, Two USAAF B-17's Collide, one Crashes, Mill Creek, OK	--	10
170.	1944 -- Feb 12, USAAF B-25's Collide, ~ Army Air Base Greenville, SC	--	19
171.	1944 -- Feb 16, USN Air Transport Unit Flight Missing, NAS Seattle to Kodiak, AK--		14
172.	1944 -- Feb 16, USAAF B-17F Plane Crash, Wimauma, FL	--	12
173.	1944 -- Feb 18, USAAF B-24's Collide, near Williams Field, AZ	--	17
174.	1944 -- Feb 22, USAAF B-17F Crash, Kittatinny Mt., Warren Ct., NJ	--	12
175.	1944 -- Feb 23, USN North Amer. PBJ-1D Mitchell Bombers Collide ~Bern, NC	--	10
176.	1944 -- Feb 25, USAAF Planes Collide, Army Air Field, Las Vegas, NV	--	12
177.	1944 -- Feb 26, USAAF, B-24E Plane Lost, Atlantic Ocean, off SE Coast	--	10
178.	1944 -- Feb 26, USAAF B-17 Plane Crash, near Palmer Lake, CO	--	10
179.	1944 -- Mar 03, USAAF B26's Collide, ~ Barksdale Field, Shreveport, LA	--	12
180.	1944 -- Mar 05, USAAF B24 Explodes/Cashes, Atlantic Ocean, off FL	--	12
181.	1944 -- Mar 06, USAAF B17G Plane Crash, near Maxwell, IA	--	10
182.	1944 -- Mar 15, USAAF Bomber Crashes, Bull Mountain, ~Stuart, southwest VA	--	11
183.	1944 -- Mar 18, USAAF B24H Crash, near Davis-Monthan Field, Tucson AZ	--	10
184.	1944 -- Mar 20, USAAF RB-24E Crash, near Biggs Field, El Paso, TX	--	10
185.	1944 -- Mar 26, USAAF, B-24 Crash, near Naval Air Station, Melbourne, FL	--	10
186.	1944 -- Apr 07, USAAF B-24H Lost, Atlantic Ocean, off coast of MA	--	11
187.	1944 -- Apr 09, USAAF B-24D Crash, near USMC Air Station, Mojave, CA	--	10
188.	1944 -- Apr 11, US Navy War Eagles VP-16 Orion Crashes east of Columbus, NM	--	12
	1944 -- Apr 19, USN Airship K-133, Houma NAS, LA, downs in T-storm, Gulf of MX--		9
189.	1944 -- Apr 24, USAAF B-24H Plane Crash, near Epsom, NH	--	10
190.	1944 -- Apr 24, USAAF B-17G Crash, near Ardmore Army Air Field, OK	--	11
191.	1944 -- Apr 25, USAAF B-24's Collide, near Yuma Army Air Field, AZ	--	12

192. 1944 -- Apr 28, Navy R4D Transport Plane Crashes, Anderson Mesa, northern AZ -- 19
 193. 1944 -- Apr 29, USAAF RB-24E Liberator Bomber Plane Crash, near Merna, NE -- 10

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

194. 1944 -- May 05 USAAF Crash, out of Hickam Field HI, Aiea Ridge, Oahu, HI -- 10
 195. 1944 -- May 10, USAAF Plane Crash, near Biggs Field, El Paso, TX -- 10
 196. 1944 -- May 16, USN Dirigible Airship K-5 Crash, Lakehurst NAS, NJ -- 10
 197. 1944 -- May 18, USAAF B-17 Crash, near Rapid City Army Air Base, SD -- 10
 198. 1944 -- May 19, USN 32226 PB4Y-1 Liberator Plane Crash ~MCAS Cherry Point, NC--13
 199. 1944 -- May 26, USAAF B-17G Plane Crash, Ronald Horn farm, near Anthon, IA --10-11
 200. 1944 -- May 27, USAAF B-24J Crash, Westover Field, Chicopee, MA -- 10
 201. 1944 -- May 29, USAAF B-17G Plane Crash, near Ridgely, TN -- 10
 202. 1944 -- May 30, USN PB4Y and F4F Collide, Palomar Mt., San Diego County, CA -- 12
 203. 1944 -- May 30, USN PB4Y1 Liberator emer. landing crash, NAAS Chincoteague, VA--11

 204. 1944 -- June 06, USN PB4Y-1 Takeoff Crash into building, Camp Kearney, CA --17-18
 205. 1944 -- June 07, USAAF B-24J Plane Crash, near Chappell, NE -- 10
 206. 1944 -- June 08, USAAF Bombers Collide, Homes Burn, Kill Civilians, Honolulu, HI-- 14
 207. 1944 -- June 13, USAAF B-24E Bomber Crash, Green Knob Mt., near Asheville, NC-- 10
 208. 1944 -- June 20, USAAF B-24J Lost, Atlantic Ocean, off Southeast Coast -- 10
 209. 1944 -- June 22, USAAF B-24J Crash, near Walla Walls Army Air Field, WA -- 10
 210. 1944 -- June 29, USAAF B-24D Plane Crash, near Tobe, CO -- 10
 211. 1944 -- June 30, USAAF B-24J Plane Lost, off Myrtle Beach, SC -- 10

 212. 1944 -- July 02, USAAF B-29 Breaks-up/Storm/Crashes, near Harmon, OK -- 11
 213. 1944 -- July 04, USAAF B-24J Planes Collide, near Palm Springs, CA -- 10
 214. 1944 -- July 11, USAAF B-17G Crash, Deer Mountain near Rangeley, ME -- 10
 215. 1944 -- July 11, Mil. Plane Crash/Fire/Fog, Trailer Camp, S. Portland, ME¹⁷³ -- 19
 216. 1944 -- July 20, USAAF B1-17F's Collide, Brooksville, FL -- 10
 217. 1944 -- July 20, USAAF B-24's Collide, near Roswell, NM -- 10
 218. 1944 -- July 21, 3 USAAF C-47s Lost, Atlantic, 25M off Cape Fear, NC -- 15
 219. 1944 -- July 19, USAAF Consolidated Liberator Crash, Touchet, WA -- 12
 220. 1944 -- July 23, USAAF B-24J Fire/Crash, near Chatham Field, Savannah GA -- 10
 221. 1944 -- July 25, USAAF B-24 Crash, San Pablo Bay, near San Rafael, CA -- 10
 222. 1944 -- July 26, US Army AF Douglas C-54 Crashes off Greenland -- 26
 223. 1944 -- July 27, Plane Crash, USAAF C47A, Isle of Mull, ~Port Logan, Scotland --US/22
 224. 1944 -- July 30, USAAF B-17 Breaks-up/Crashes, 6M from St. Marks, FL -- 10

 225. 1944 -- Aug 01, USAAF B-24's Collide ~Furnace Creek, Death Valley, CA -- 17
 226. 1944 -- Aug 03, USAAF Douglas D-47 Crash, Thunderstorm, Napier, NE -- 28
 227. 1944 -- Aug 05, USAAF B17G's Collide, near Dixon, NE -- 17
 228. 1944 -- Aug 09, USAAF B-24J Plane Fire/Crash, near Kiowa, CO -- 10
 229. 1944 -- Aug 21, USAAF YB-29 Plane Crash, 25M near Alamogordo, NM -- 10
 230. 1944 -- Aug 21, USAAF B-24J's Collide, near Model, CO -- 18

¹⁷³ Cross-listed under Fog as contributing condition.

231. 1944 -- Aug 27, USAAF B-17G Plane Crash, 20M near Bay St. Louis, MS -- 10
 232. 1944 -- Aug 28, Plane Crash, USAAF Douglas C54A, Prestwick, Scotland --20 US of 25

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

233. 1944 -- Sep 01, USAAF B-24J Plane Crash, near Muroc Army Air Field, CA -- 10
 234. 1944 -- Sep 17, Plane Crash, Liberal AA Field USAAF B-29, near Copeland, KS¹⁷⁴ -- 12
 235. 1944 -- Sep 18, USAAF Douglas C-47 Crash, Denali State Park, ~Talkeetna, AK -- 19
 236. 1944 -- Sep 24, USAAF Douglas C-47 Crash, Camp Mackall, NC -- 12
 237. 1944 -- Sep 27, USAAF RB-24E Plane Crash, near San Jon and Tucumcari, NM -- 11
 238. 1944 -- Sep 29, USN PBM-3D Crash, Southeast of Palau Island, West Central Pacific-- 10
239. 1944 -- Oct 08, USAAF B-29 Plane Crash, near Love Field, Dallas, TX -- 15
 240. 1944 -- Oct 15, USAAF B-29 Crash, Alamogordo Army Air Base, NM -- 12
 241. 1944 -- Oct 17, USAAF B-24J Plane Crash, 12M NE of Ukiah, OR -- 10
 242. 1944 -- Oct 18, Plane Crash, USAAF B24H, near Birkenhead, Merseyside, England-- 24
 243. 1944 -- Oct 24, USAAF B-17F Plane Crash, near Russell, KS -- 12
 244. 1944 -- Oct 24, USAAF B-29 Crash, near Barksdale Field, Shreveport, LA -- 11
 245. 1944 -- Oct 26, USAAF C-46A's Collide, Reno Army Air Base, NV -- 12
 246. 1944 -- Oct 29, USAAF B-17F Crash, near Chatham Field, Savannah, GA -- 10
247. 1944 -- Nov 03, USAAF Planes Collide, near Kingman Army Air Field, AZ -- 15
 248. 1944 -- Nov 06, USN Planes Collide, St. Johns River near NAS Jacksonville, FL -- 18
 249. 1944 -- Nov 07, USN PB4Y-1 Liberator Plane Crash, off Fort Monroe, VA -- 12
 250. 1944 -- Nov 10, USAAF B-29 Plane Crash, near Clovis Army Air Field, NM -- 15
 251. 1944 -- Nov 11, USAAF C-47B Crash, Strawberry Peak, near Glendale, CA --12-13
 252. 1944 -- Nov 11, US Air Transport Command C-54 Crashes 50 mi. off Oahu, HI -- 17
 253. 1944 -- Nov 13, USAAF C-47 Crashes near Army Air Base, Casper, WY -- 11
 254. 1944 -- Nov 18, USAAF B-24J Plane Crash, ~ March Field, Riverside, CA -- 11
 255. 1944 -- Nov 19, Plane Crash, USAAF C-47A, near Brighton and Lewes, England-24US/25
 256. 1944 -- Nov 29, USAAF B-24 Liberator Plane Crash, Middle Mt., Nottingham, NH -- 9-10
 257. 1944 -- Nov 30, USAAF B-24's Collide ~Davis-Monthan AAF, Tucson, AZ -- 18
258. 1944 -- Dec 05, USAAF P-47/B-24J Planes Collide near Walterboro AAF, SC -- 13
 259. 1944 -- Dec 08, USAAF AT-18 Planes Collide, Sioux Falls AAF, SD -- 10
 260. 1944 -- Dec 22, USAAF B-24 Crash, Mt. Gleason, La Crescenta, CA -- 10
 261. 1944 -- Dec 25, USAAF C-47 Plane Crash, Black Mesa Mt., Quartzsite, AZ -- 17
 262. 1944 -- Dec 25, USAAF C-47A Plane Crash, Roundtop Mt. near Harrisburg, PA --11-12
 263. 1944 -- Dec 27, USAAF B-24J Plane Crash, near Mattituck, Long Island, NY -- 11
 264. 1944 -- Dec 29, USAAF B-24J Plane Break-up/Crash, near Meridian, ID -- 10
 265. 1944 -- Dec 30, USAAF B-29 Plane Fire/Crash, near Walker AAF, KS -- 10
266. 1945 -- Jan 09, USAAF B-24 Breakup/Crash ~Chatham Field, Savannah, GA -- 11
 267. 1945 -- Jan 09, USAAF B-29 Plane Lost, Atlantic, off Southeast Coast -- 16
 268. 1945 -- Jan 17, USAAF B-17F Plane Fire/Crash, near Bay Minette, AL -- 11

¹⁷⁴ Crash into farmhouse killing grandfather and one-year-old grandson, in addition to ten U.S. service crewmen.

269.	1945 -- Jan 20, USAAF B-24J Crash, near Muroc Army Air Field, CA	--	10
270.	1945 -- Jan 24, USAAF B-17F's Collide, near Dyersburg, TN	--	16
271.	1945 -- Jan 26, USN PB4Y-1 Liberator Landing Crash, ~NAAS Jacksonville, FL	--	11
272.	1945 -- Jan 26, USAAF B-17G Crash, near Hendricks Field, Sebring, FL	--	10

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

273.	1945 -- Feb 02, Florence to Rome USAAF C-47 Crash, 3 mls W of Montieri, Italy	--	23
274.	1945 -- Feb 09, USAAF B-24D Plane Crash, near Denio, OR	--	11
275.	1945 -- Feb 12, USAAF B-24D Plane Crash, near Troy, OR	--	10
276.	1945 -- Feb 13, USN Air Transport Service crash after takeoff, San Fran. Bay, CA--		24
277.	1945 -- Mar 03, USAAF B-17F Plane Crash, near Winnfield, LA	--	10
278.	1945 -- Mar 06, USAAF B-24D, Crash, near Mountain Home AAF, ID	--	10
279.	1945 -- Mar 10, USAAF B-24, Atlantic near Montauk Point, Long Island, NY	--	12
280.	1945 -- Mar 10, USN Plane Lost, Trng. Flight, NAS Jacksonville FL to Bahamas	--	14
281.	1945 -- Apr 01, USAAF B-29 Fire/Crash, near Alamogordo, NM	--	12
282.	1945 -- Apr 08, USAAF TB-17F Plane Crash, near Tellico Plains, TN	--	10
283.	1945 -- Apr 11, USAAF TB-17F Plane Collision, near Jackson AAB, MS	--	14
284.	1945 -- Apr 11, USAAF B-24J Crash, Atlantic, off Charleston, SC	--	11
285.	1945 -- Apr 16, USAAF AT-11's Collide, near Big Spring, TX	--	10
286.	1945 -- Apr 17, US Navy VB-4 Patrol Plane Crash, Trng. Ex., near Mayport, FL	--	12-13
287.	1945 -- Apr 20, USAAF C-47 Breakup/Crash, Thunderstorm, near Sweetwater, TX	--	25
288.	1945 -- Apr 24, USAAF B-29 Fire/Crash, Gulf of Mexico, off Key West, FL	--	11
289.	1945 -- Apr 27, USAAF C-46D Plane Crash, near Claude, TX	--	11
290.	1945 -- May 06, Two USAAF B-17s Collide, ~ Esler Field, Alexandria, LA	--	18
291.	1945 -- May 12, USAAF B-24M Plane Crash, 30M near Fort Bragg, CA	--	11
292.	1945 -- May 13, USAAF "Shangra-La" Sightseeing Plane Crash, Mt., New Guinea	--	21
	1945 -- May 27, Plane Crash debris hits car, USAAF Show, Wright Field, Dayton, OH--		5
293.	1945 -- June 11, USAAF B-29 Structural Failure/Crash near Rush Springs, OK	--	10
294.	1945 -- June 14, Lightning-hit Plane Crash, USAAF C-46D, near Oakridge, MS ¹⁷⁵	--	17
295.	1945 -- June 30, USAAF TB-24J Crash, Las Vegas Field, Las Vegas, NV	--	11
296.	1945 -- June 30, USAAF B-29 (44-69943) Crash, Guadalupe Peak, TX	--	12
297.	1945 -- July 08 USAAF B-29 Structural Failure/Crash, near Pueblo AAB, CO	--	13
298.	1945 -- July 13, USAAF B24 Crash, 25M from Tyndall Field, Panama City FL	--	13
299.	1945 -- July 14, USAAF B-29 Crash, Kirtland Field, Albuquerque, NM	--	13
300.	1945 -- July 14, USAAF TB-25C Plane Crash, 1 mile NW of Weldon, TX	--	11
301.	1945 -- July 17, USAAF B-17F Crash, near Smoky Hill AAB, Salina, KS	--	10
302.	1945 -- July 18, USN PB4Y-2 Privateer Plane Missing, out of NAS Miami, FL	--	15-17
303.	1945 -- July 22, USAAF B-24M Crash, James River, ~Newport News, VA	--	11
304.	1945 -- July 25, USAAF C-47B Crash, Th-Storm, 13M near Tampa, FL	--	13

¹⁷⁵ Cross-listed under Lightning.

305. 1945 -- July 28, B-25 Bomber Flies into Empire State Building in Fog, NYC¹⁷⁶ -- 14

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

306. 1945 -- Aug 13, Two USAAF B-29s Collide, near Weatherford, TX -- 18

307. 1945 -- Aug 09, USAAF TB-24D Crash near Buckingham Field, Ft. Myers, FL -- 11

308. 1945 -- Aug 22, USN PB4Y-2 Plane Crash into sea, Trng. Flight, off San Diego, CA-- 10

309. 1945 -- Aug 25, USAAF B-24J Plane Crash, 17 miles NNW of Elgin, OR -- 15

310. 1945 -- Sep 01, USAAF B-24J takeoff crash, near Hondo Army Air Field, TX --10-12

311. 1945 -- Sep 07, USAAF B-29 Fire/Crash, 4½ miles south, Wedowee, AL -- 10

312. 1945 -- Sep 12 USN PB4Y-2 Privateer Engine Fire, Crash, ~Master Field, Miami, FL-- 14

313. 1945 -- Sep 15, US Army Air Force C-47 Crashes, Kansas City-Fairfax Field, KS -- 23

314. 1945 -- Oct 18, USAAF TB-24J Fire/Crash, near Hondo AAF, TX -- 13

315. 1945 -- Oct 30, USAAF C-47 transport Crash into mountain near Cuneo, Italy -- 15

316. 1945 -- Oct 31, US Navy Transport Plane Crash, heavy fog, Rich Mt., ~Mena, AR -- 14

317. 1945 -- Nov 01, USAAF C-47 Plane Crash ~Bad Herrenalb and Karlsruhe, Germany-- 26

318. 1945 -- Nov 03, Consolidated Air, Army Transport Com., sea crash, 450 mi NE of HI-- 18

319. 1945 -- Nov 03, USAAF C-54 Crash, Himalayan Mountains, near Chukha, Bhutan -- 44

320. 1945 -- Nov 08, US Navy Mid-Air Collision, Corpus Christi Bay, TX -- 22

321. 1945 -- Nov 30, USN PV4Y-2 Plane Missing, NAS Kodiak, AK to NAS Seattle, WA-- 25

322. 1945 -- Dec 06, Five Navy Bombers, Rescue Craft go missing, Bermuda Triangle -- 27

323. 1946 -- Mar 07, USAF B-29 Superfortress Crash, Kirtland AAR, NM -- 10

324. 1946 -- Mar 19, Structural failure/crash, USAAF C-47, near Hobart Mills, CA -- 26

325. 1946 -- Apr 04 USN R4D-6 Transport Plane Crash, sandhills 15M ~Albuquerque, NM-- 11

326. 1946 -- May 10, Mid-Air Collision, 2 USN Bombers, Near Munson, FL -- 28

327. 1946 -- June 01, USAAF C-54 Cockpit Fire and Crash off Amalfi, Italy -- 30

328. 1946 -- June 09, U.S. Army Air Force DC-4 Crash, Tobago Island, Panama -- 23

329. 1946 -- June 12, USAAF B29 Crash/Fire, Collins Gap, near Clingman's Dome, TN -- 12

330. 1946 -- July 09, USAAF B-17 Crash, Mount Tom, near Westover AFB, Chicopee, MA--25

331. 1946 -- July 18, U.S. Army Air Corps Transport C-47, Crash, near Goodland, KS -- 13

332. 1946 -- July 20, Two USAAF B-17G Search Planes Collide off Coiba, Panama -- 20

333. 1946 -- Aug 01, Plane Crash, USN PB4Y-2 Privateer, ~Camp Kearny MAAS, CA --11-12

1946 -- Aug 09, USAF A-26 Bombers Collide, No. Montana State Fair, Great Falls -- 7

334. 1946 -- Oct 01, Plane Crash in storm, fire, USAAF B-29, Buffalo Valley, NV -- 11

335. 1946 -- Nov 16, U.S. Army Air Force DC-47 Crashes into Pacific off Iwo Jima -- 23

336. 1946 -- Dec 10, US Marine Corps Transport Goes Missing, South WA -- 32

337. 1946 -- Dec 10, USAAF C-46 Takeoff Crash, near Itami U.S. Air Base, Osaka, Japan-- 22

338. 1947 -- Jan 27, USAF B-29 Superfortress Crash, Kirtland Field, NM -- 12

339. 1947 -- Feb 22, U.S. Coast Guard PBM-5 Crashes in Mex. on way back to San Diego-- 10

¹⁷⁶ Cross listed in Fog as contributing condition.

- 340. 1947 -- Apr 19, USAF B-29 Fire/Explos./Crash, off Kwajalein Isl., Marshall Islands-- 16
- 341. 1947 -- June 14 USAAF B-29 Plane Crash, Hawks Mountain, VT -- 12
- 342. 1947 -- Aug 06, US Navy PBV-5A disappears, Kodiak to Dutch Harbor, AK -- 20
- 343. 1947 -- Aug 16, USAF B17 Plane Crash 50 miles off Barbers Point, Kalaeloa, HI -- 10
- 344. 1947 -- Nov 28, USAF C-47 Transport Plane Crash, Mt. Carbone, Alps, ~Cuneo, Italy-- 20
- 345. 1947 -- Dec 10, U.S. Air Force DC-4, Crash and Fire, near Goose Bay, Labrador -- 23
- 346. 1947 -- Dec 16, USAF B-29 Crash after Davis-Monthan takeoff, near Tucson, AZ -- 12

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

- 347. 1948 -- Jan 27, USAF C-47 Crash (dependants), Snowstorm, Cheval Blanc Mt., France--12
- 1948 -- Jan 30, USAF B-17 Crash, Cheval Blanc Mountain, Southern France -- 9
- 348. 1948 -- May 09, USN PBV-6A Catalina Plane Lost, San Juan, PR to Key West, FL -- 12
- 349. 1948 -- Aug 5, USN Douglas R4D-6 and civilian Stearman Collide ~NAS Miami, FL-- 10
- 350. 1948 -- Aug 12, USAF B-29 Plane Crash, near Walker Air Force Base, NM -- 13
- 351. 1948 -- Aug 20, USAF B-29 Plane Crash, Rapid City Air Force Base, SD -- 14
- 352. 1948 -- Aug 24, U.S. B29 Superfortress Plane takeoff Crash near Hickam AFB, HI -- 16
- 353. 1948 -- Nov 01, USAF C-47 Plane Breakup and Crash, Thunderstorm, ~Muldrow, OK-- 11
- 354. 1948 -- Nov 03, US Navy PB4Y-2 Plane Crash, 10M off Port Moller, Kodiak AK -- 12
- 355. 1948 -- Nov 03, USAF B-29 Bomber Crash after takeoff near Lajes Field, Azores --18-19
- 356. 1948 -- Nov 03, USAF B-29 Bomber Crash, Shelf Moor, near Manchester, England-- 13
- 357. 1948 -- Dec 22, USAF B-50 Crash near Fairbanks, AK -- 10

- 358. 1949 -- Jan 17, USAF B-29 Crash, Argyllshire Mts. in fog, near Glasgow, Scotland -- 20
- 359. 1949 -- July 30, Eastern Airlines #557 Hit by Navy Hellcat Aircraft, Chesterfield, NJ-- 16
- 360. 1949 -- Aug 31, US Navy Martin Mariner PBM-5 Crash, off San Diego, CA -- 10
- 361. 1949 -- Oct 13, USAF B50, out of Sculthorpe AB, Crash ~Isleham England --(US)11
- 362. 1949 -- Nov 03, USAF RB-29 Weather Plane Crash, off Kindley US AFB, Bermuda-- 11
- 363. 1949 -- Nov 16, Two USAF B29s Collide over Stockton, CA -- 18
- 364. 1949 -- Dec 22, USAF B50 Bomber Plane Crash, near Savannah, GA -- 11

- 365. 1950 -- Jan 26, USAF SAC C-54 Transport Disappears, Yukon Territory, Canada -- 44
- 366. 1950 -- Mar 23, USAF B-50 In-Flight Explosion, near Hyder, AZ -- 12
- 367. 1950 -- Apr 08, USN Privateer Patrol Bomber Shot Down by USSR, Baltic Area¹⁷⁷ -- 10
- 368. 1950 -- Apr 11, USAF B-29 Crash, Manzano Nuc. Wpn. Storage ~Kirtland AFB NM-- 13
- 369. 1950 -- Apr 21 USAF C-54 Skymaster Crash into Mt. in rainstorm near Atsugi, Japan-- 35
- 370. 1950 -- May 18, USAF B-29 Crash, Lajes Field, Azores --15-16
- 371. 1950 -- July 13, In-Flight Fire/Crash USAF B-50, near Mason, OH -- 16
- 372. 1950 -- July 23, Florida Air National Guard Curtis C-46 Crash, Myrtle Beach, SC -- 39
- 373. 1950 -- Aug 05, USAF Boeing B-29 Crash, Travis Air Force Base, CA -- 19
- 374. 1950 -- Nov 16, USAF KB29 Tanker and B-50 Collide/Crash ~Sil Nakya village, AZ-- 13
- 375. 1950 -- Dec 23, USN P2V Neptune Crash, McCreight Mt., Vancouver Isl., BC, Can.-- 11

- 376. 1951 -- Mar 22, USAF C-124A Globemaster from Loring AFB Explodes, No. Atlantic-- 53

¹⁷⁷ Cross-listed in Violence – Attack.

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

377.	1951 -- Apr 08, WV National Guard Plane Crash, Charleston, WV	--	21
378.	1951 -- Apr 25, Cubana Flight 493/US Navy Plane Collide, off Key West, FL	--	43
379.	1951 -- Apr 27, USAF B-36 & F-51 Planes Collide, NE of Perkins, OK	--	14
380.	1951 -- May 6, USAF Strategic Bomber Crash, Near Albuquerque, NM	--	23
381.	1951 -- Jun 03, USAF Plane Crash, New Boston, TX	--	10
382.	1951 -- July 21, US Military Charter, Canadian Pacific Air, Crashes near Sitka, AK	--	37
383.	1951 -- Aug 12, USAF Consolidated Privateer Crash, Amak Island, AK	--	12
384.	1951 -- Aug 13, Plane Crash, USAF B-50, Lester Apartments, Beacon Hill, WA	--	11
385.	1951 -- Aug 20, USAF T-33 Plane Crash, McGuire Air Force Base, NJ	--	13
386.	1951 -- Aug 31, USAF Consol. Privateer Crash, Little Tanaga Island, AK	--	10
387.	1951 -- Oct 15, USAF C-97 Lost, North Atlantic, Azores to Westover AFB, MA	--	11-12
388.	1951 -- Nov 06, P2V-3W Shot Down by Soviet Aircraft, Sea of Japan	--	10
389.	1951 -- Nov 13, U.S. C-82 "Flying Boxcar" Crashes into Puy de Sancy Mt., France	--	36
390.	1951 -- Nov 27, US Navy Martin Mariner Crash, San Diego, CA	--	11
391.	1951 -- Dec 30, USAF Douglas C-47 Transport Crash, Mt. 35 mi N of Globe, AZ	--	28
392.	1952 -- Jan 19, Crash, US Mil. Charter, NW Orient 324, Korea-WA, off Sandspit BC	--	36
393.	1952 -- Feb 07, USAF takeoff Crash, 5 miles N of Yokota US AB, Japan	--	13 (US) of 15
394.	1952 -- Mar 12, Two USAF B-29's Collide, near Sequin and San Antonio, TX	--	15
395.	1952 -- Mar 21, USAF Consolidated Privateer Crash, off Corpus Christi NAS, TX	--	10
396.	1952 -- Mar 26, USAF Planes Crash, Davis-Monthan AFB, AZ; Albuquerque, NM	--	12
397.	1952 -- Apr 1-10, Military Plane Crashes, Parachuting, "Exercise Longhorn," TX	--	10
398.	1952 -- Apr 04, Planes Collide, USAF Globemaster & C-47, Mobile, AL	--	15
399.	1952 -- Apr 05, USAF B-29 weather plane crash, McClellan AFB, Sacramento, CA	--	10
400.	1952 -- Apr 08, USAF B-25 Crash, Golden Peak, near Golden, CO	--	11
401.	1952 -- Apr 09, USAF F-94 & C-47, Planes Collide, Camp Edwards, MA	--	12
	1952 -- Apr 14, USN P2V Ventura Patrol Bomber Crash, Brunswick NAS, ME	--	5
402.	1952 -- Apr 15, Plane Crash/Fire, USAF B-36D, near Fairchild AFB, WA	--	15
403.	1952 -- June 13, Yokota Air Base, Japan, USAF RB-29, shot down, Sea of Japan ¹⁷⁸	--	12
404.	1952 -- June 24, NM-based USAF B-50 Superfortress Crash near Lakenheath, UK	--	11
405.	1952 -- Oct 08, USAF B29 and F94 Jet Midair Collision near Portland, OR	--	11
406.	1952 -- Oct 26, USAF WB-29 lost, Typhoon, Anderson AFB, Guam to Philippines	--	10
407.	1952 -- Oct 29, USAF Stratofreighter Crash, Gray Mountain, near Flagstaff, AZ	--	16
408.	1952 -- Nov 07, USAF "Flying Boxcar" Crashes, Mt. McKinley, AK	--	19
409.	1952 -- Nov 12, USAF Consolidated Privateer Crash, Shelton, WA	--	11
410.	1952 -- Nov 15, USAF "Flying Boxcar" Crashes, near Anchorage, AK	--	20
411.	1952 -- Nov 22, USAF MATS C-124 A Globemaster II crash, Mount Gannett, AK	--	52
412.	1952 -- Nov 28, USAF Douglas C-54 Crash, Near Tacoma, WA	--	37
413.	1952 -- Dec 01, USAF C47B Plane Crash, Mount San Gorgonio, CA	--	13
414.	1952 -- Dec 20, USAF Globemaster II Cartwheels on takeoff, Larson AFB, WA	--	87
415.	1953 -- Jan 13, USAF B-50 SAC Bomber Plane Crash, near Gridley, CA	--	12
416.	1953 -- Jan 16, USAF C54 Crash, approach, Harmon AFB, Stephenville, NFLD, Can.	--	13

¹⁷⁸ Cross-listed in Violence (Attack).

417.	1953 -- Jan 28, USN PB4Y Privateer Plane Crash, Black Peak, WA	--	10
418.	1953 -- Feb 02, USAF Plane takeoff Crash, Wheelus Air Base, Tripoli, Libya	--	15
419.	1953 -- Mar 18, 10-eng. USAF Convair RB-36H crashes, Random Isl., NFL, Can.	--	23
420.	1953 -- Mar 18, Crash, USAF Superfortress, search mis., St. George's Bay, NFL, Can.	--	10
421.	1953 -- Mar 20, Transocean Air 942 (Military Charter) Crash, NE of Alvarado, CA	--	35
422.	1953 -- June 18, USAF Globemaster II Crash, Tachikawa AFB, Tokyo, Japan ¹⁷⁹	--	129
423.	1953 -- July 02, USAF Martin Mariner Crash, Adak, AK	--	12
424.	1953 -- July 17, USMC R4Q "Packet" Plane Takeoff Crash/Fire, near Milton, FL	--	44
425.	1953 -- July 29, Yokota Air Base, Japan, USAF RB50, shot down, Sea of Japan ¹⁸⁰	--	16
426.	1953 -- Nov 17, USAF C-119F Hits Paratroopers, Crashes, Fort Bragg, NC	--	15
427.	1953 -- Dec 17, USAF B-29 Crashes, Officer's Housing, Anderson AFB, Guam	--	19

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

428.	1954 -- Jan 04, US Navy P2V Neptune Bomber Lost, Yellow Sea, off Coast of Korea--	10
429.	1954 -- Feb 01, USAF C46 Fire and Crash, Tsugaru Strait, off Hokkaido, Japan	-- 35
430.	1954 -- Feb 05, USAF C-47 Crashes, Susitna Valley, AK	-- 10
431.	1954 -- Mar 19, Plane Fire & Crash, USAF C-119, #51-7993, near Lothian, MD	-- 18
432.	1954 -- May 05, USN PBM-5 Seaplane Crash, Sidewalk Mt., near Carricitos, Mexico--	10
433.	1954 -- June 26, Plane Crash, USAF KC97 Stratotanker, Box Springs Mountain, CA--	14
434.	1954 -- Aug 27, USAF B-36 Crash, Rapid City, SD	-- 26
435.	1954 -- Sep 28, USN PB-5 Marlin Takeoff Crash, Sangley Point NAS, Philippines	-- 11
436.	1954 -- Oct 06, USAF B-50 Crash near Willows, Glenn County, CA	-- 13
437.	1954 -- Oct 30/31, US Navy Transport Loss at Sea, Off Ocean City, MD	-- 42
438.	1954 -- Dec 22, Johnson Flying Service Crash, Monongahela River, Pittsburgh, PA	-- 10
	1954 -- Dec 29, Plane rear-door fails/crash, USAF C119, Shin Point ~New Hope, AL--	9
439.	1955 -- Jan 01, USAF Douglas C47 Crash, near Skwentna Airport, Anchorage AK	-- 12
440.	1955 -- Feb 17, USAF Lockheed P-2 Neptune Crash, Elmendorf AFB, AK	-- 11
441.	1955 -- Mar 22, US Navy R6D-1 Crashes, Waianae Range, NW of Honolulu, HI	-- 66
442.	1955 -- May 25, Plane Crash, USAF SAC B-36J, Sterling City, TX	-- 15
443.	1955 -- June 29, USAF C-47 Transport Plane Crash, Sitkinak Island, AK	-- 10
444.	1955 -- Aug 11, Two USAF C-119 Flying Boxcars Collide over Edelweiler, Germany--	66
445.	1955 -- Sep 26, US Navy P-2 Neptune 131442 Lost	-- 11
446.	1955 -- Nov 17, USAF Plane Crash, Mount Charleston, NV	-- 14
447.	1955 -- Nov 17, Peninsular Air Transport (Mil. Charter) Crash, Seattle-Boeing Field, WA--	28
448.	1955 -- Nov 29, USAF F-84 Crash into Base Housing, Eielson AFB, AK	-- 14
449.	1956 -- Feb 17, U.S. Navy Transport DC-4 Crash near Niles, CA	-- 40
450.	1956 -- Mar 02, USAF C124C Globemaster II Crash, Atlantic, Iceland to US	-- 17
451.	1956 -- July 13, USAF Takeoff/Windshear Crash, near Brown's Mills, NJ	-- 46
452.	1956 -- Aug 22, Navy P4M-1Q Shot Down near Wenchow, China	-- 16
453.	1956 -- Aug 31 Eielson AFB AK WB-50 Plane, Crashes 50 miles north of Anchorage--	11
454.	1956 -- Sep 10, Yokota AB USAF RB50G Lost tracking Typhoon Emma Sea of Japan--	16

¹⁷⁹ Included in that this was the first aviation disaster anywhere to kill more than 100 people.

¹⁸⁰ Cross-listed in Violence (Attack).

455. 1956 -- Sep 24, USAF C-47 Crash, Mount Yale, near Buena Vista, CO -- 12
 456. 1956 -- Oct 10, USN MATS Transport Plane lost from UK to Lincoln AFB, NE -- 59
 457. 1956 -- Nov 09, USN P5M Marlin Patrol Plane Lost no. of Bermuda, possibly off MD-- 10
 458. 1956 -- Nov 30, USAF Boeing B-52 Crash, Merced, CA -- 10
 459. 1956 -- Dec 28, USAF B-50 Weather Recon. Crash, Yokota AB approach, Japan-(9 US)10

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

460. 1957 -- Jan 17, USAF Weather B-50 Takeoff Plane Crash, near Eielson AFB, AK -- 12
 461. 1957 -- Feb 01, Northeast Flight 823 Takeoff Crash, Rikers Island, NY -- 20
 462. 1957 -- Apr 02, US Navy Neptune Plane Explos., ~Atlantic, Chincoteague AFB, VA-- 11
 1957 -- Apr 12, U.S. Navy Neptune VP26 Bomber Crashes, Brunswick, ME -- 6
 463. 1957 -- Jul 19, Willow Grove NAS, PA, Neptune Crash, San Martino Mt., no. Italy¹⁸¹-- 11
 464. 1957 -- July 23, USN P-2 Neptune Explosion, off Barbers Point Naval Air Sta., HI -- 10
 465. 1957 -- Dec 09, Navy P5M Marlin Seaplane Explosion/Crash, Corpus Christi, TX -- 9-10
 466. 1957 -- Dec 23, USN WV-2 Simulation goes awry/Crash, off Kakuku Pt., Oahu, HI-- 19
467. 1958 -- Jan 15 Anderson AFB, Guam USAF Weather WB50 Lost, Typhoon Ophelia-- 10
 468. 1958 -- Feb 01, USAF C-118A/US Navy P2V-5F Collision, Norwalk, CA -- 48
 469. 1958 -- Feb 15, USAF C-47 Transport Plane Crashes in fog on Mt. Vesuvius, Italy -- 16
 470. 1958 -- Feb 20, USN WV2 Super Constellation Plane Lost, Newfoundland to Azores-- 22
 471. 1958 -- Mar 07, USMC Transport & Skyraider Collide off Naha NAF, Okinawa -- 26
 472. 1958 -- Mar 27, Mid-Air Collision, two USAF Planes, Bridgeport, TX -- 18
 473. 1958 -- Apr 21, Planes Collide, United 736 / USAF F-100 Fighter, ~Las Vegas, NV¹⁸²--49
 474. 1958 -- May 20, Planes Collide, Capital Air & MD Air NG, Brunswick, MD -- 12
 475. 1958 -- June 27, USAF SAC Tanker Crash, Near Chicopee Falls, MA -- 15
 476. 1958 -- Sep 02, USAF Globemaster Fire/Crash, 35m west, Agana Naval AS, Guam -- 19
 477. 1958 -- Sep 02, USAF C130A Hercules shot-down over Sasnashen, Armenia, USSR¹⁸³--17
 478. 1958 -- Sep 08, USAF B52's Collide, Near Airway Heights, WA -- 13
 479. 1958 -- Sep 09, USAF Douglas C47 Plane Crash, Elmendorf AFB, Anchorage, AK -- 13
 480. 1958 -- Sep 29, USN Neptune PV-2 Patrol Plane Crash, 22M no. of Key West, FL -- 10
 481. 1958 -- Oct 09, USAF C-123B Transport Crash ~Little Willow Creek & Payette, ID-- 19
 482. 1958 -- Oct 18, USN Constellation Plane Crash, ~Argentia, Newfoundland, Canada -- 11
 483. 1958 -- Dec 22, USAF C-54 transport from Elmendorf AFB crashes, Mt. Iliamna, AK-15
484. 1959 -- Feb 04, USAF Weather B-50 Crash, out of and off Kindley US AFB, Bermuda--12
 1959 -- May 11, Plane Crash, USN P2V, Whidbey Island Naval Air Station, WA -- 9
 485. 1959 -- May 20, USAF C-130 Hercules Plane Crash into Barracks, Ashiya AB, Japan-- 10
 486. 1959 -- June 30, U.S. Air Force F-100 Jet Crashes into School, Ishikawa, Okinawa¹⁸⁴ -- 18
 1959 -- July 22, Plane Explosion and Crash, USAF KC-97, near East Andover, NH -- 7
 487. 1959 -- Nov 7, USAF C-47 crashes after take-off, Tainan, Formosa (Taiwan) -- 15

¹⁸¹ Nine other U.S. service-men lost their lives in a search and rescue mission when their plane crashed.

¹⁸² 48 were civilian fatalities on United 736.

¹⁸³ Cross-listed under Attack.

¹⁸⁴ All deaths were of Okinawans in this at-the-time U.S. controlled territory. Pilot had bailed out of jet.

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

488. 1960 -- Jan 16, USN P4M-1Q Mercator Crash, Karanfil Mountain, ~Adana, Turkey-- 16
489. 1960 -- Feb 25, USN R6D / DC-3 Collide in Fog off Rio de Janeiro, Brazil --61 (USN 35)
490. 1960 -- July 06, US Navy Blimp Crash off Barnegat City, NJ -- 18
491. 1960 -- July 11, US Air Mission Colombia USAF Crash, Mt Pichincha, Ecuador--18/US 12
492. 1960 -- Sep 08, Yokota AB USAF Weather B-50 Crash into Mt., near Ishikawa, Japan-- 11
493. 1960 -- Sep 22, USMC Douglas R5D-3 Plane Crash 180 miles off Naha, Okinawa -- 29
494. 1960 -- Dec 17, USAF C-131 Samaritan Takeoff Crash, Munich, Germany --(20 US) 51-53
495. 1961 -- Jan 26, USN C-118 Liftmaster Explos./Crash off Argentinia, Newfoundland -- 23
496. 1961 -- May 24, USAF 51-0174 Globemaster Crash, McChord AFB, WA -- 22
497. 1962 -- Mar 08, USAF C-130A Hercules Plane Crash near Alencon, western France-- 15
1962 -- May 09 USAF KC-135A Stratotanker Engine Failure, Crash, Loring, AFB, ME-- 6
498. 1962 -- May 22, USN WV2 Transport Breaks-up/Crashes, Markt Schwaben, Germany-- 26
1962 -- May 27, Dover AFB USAF C133 Cargomaster Crash, Atlantic off Dover, DE-- 6
499. 1962 -- Sep 10, USAF SAC Tanker Approach Crash, Mt. Kit Carson ~Spokane, WA-- 44
500. 1962 -- Sep 22, US Navy Martin Marlin P5M Crash, Montague Island, Gulf of AK -- 10
501. 1962 -- Dec 26, USN P5M1 Marlin Seaplane Lost at Sea 350M SW of San Diego, CA-- 13
502. 1963 -- Jan 30, US Navy P-3A Crash, Atlantic, off Atlantic City, NJ -- 14
503. 1963 -- Aug 28, Apparent Mid-Air Collision, two USAF Tankers, off East Coast -- 11
504. 1963 -- Sep 22, USAF C-133A Cargomaster Crash, Atlantic SE Dover AFB, DE -- 10
1963 -- Dec 23, USAF B-52 Stratofortress Crash after takeoff, Columbus AFB, MS-- 9
505. 1964--May 11, USAF C-135 hits fence/crashes, landing, Clark U.S. AB, Philippines-78-80
506. 1964 -- May 11, USN P2V Plane Crash, Atlantic, 25 mls SW of US AB Rota, Spain -- 10
507. 1964 -- Jun 29, USAF Stratofreighter / C-54 Collide near Kindley US AFB, Bermuda-- 17
508. 1964 -- Oct 27, USN Plane Crash into Commissary, El Centro NAS, CA -- 12
509. 1964 -- Nov 17, USN P-3A Orion Landing Crash, Fog, USN Base, Argentinia NFL¹⁸⁵-- 10
510. 1964 -- Nov 27, USN Lockheed P-2V Neptune Crash, Cape Newenham, AK -- 12
511. 1965 -- Jan 16, USAF SAC Tanker Crash, Neighborhood, Wichita, KS -- 30
512. 1965 -- Jun 15, US Army Helicopters Mid-Air Collision, Columbus, GA -- 18
513. 1965 -- June 25, USAF Boeing KC-135 Crash, El Toro Air Force Base, CA -- 85
514. 1965 -- July 11, Fire, Plane Crash, USAF Constellation, 100M off Nantucket, MA -- 16
515. 1966 -- Apr 09, US Navy Orion P-3A Crashes into Pacific 300km off San Diego, CA-- 11
516. 1966 -- May 18, USAF KC-135 Stratotanker takeoff Crash, Kadena AB, Okinawa -- 12
517. 1966 -- Nov 11, USAF Constellation Crash, Atlantic, E. of Cape Cod, MA -- 19
518. 1967 -- Apr 25, USAF Super Constellation Fire, off Nantucket Island, MA -- 15
519. 1967 -- Jun 23, USMC Helicopters Collide, New River Marine Corps Air Facility, NC-- 22

¹⁸⁵ Cross-listed in Fog as a Contributing Factor.

520. 1967 -- Dec 14, USAF Lockheed P-2 Neptune Crash, Juneau, AK -- 14

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

521. 1968 -- Jan 10, USMC R5D-2 (C54) Plane Crash, Mt. Tobin, Copper Canyon, NV -- 19
522. 1968 -- Jan 17, USAF Stratotanker Takeoff Crash, Minot AFB, ND -- 13
523. 1968 -- Apr 01, USN P3B Coastal Surveillance Shot Down, Gulf of Thailand¹⁸⁶ -- 12
524. 1968 -- July 28, USAF C-124A, GA Reserve, Crash, 50 miles NW of Recife, Brazil-- 10

525. 1969 -- Feb 04, USAF HC-130 Rescue Plane Crash into Sea off Taiwan -- 13
526. 1969 -- Mar 08, USAF C130 Crash short of runway, Ching Chuan Kang AB, Taiwan-- 12
527. 1969 -- Apr 14, Navy EC-121M Shot Down by North Korea, Sea of Japan¹⁸⁷ -- 31
528. 1969 -- June 05, USAF Recon Plane Crash off Shemya, AK -- 19
529. 1969 -- Dec 22, U.S. Navy F-8 Jet Crash, Miramar Naval Air Station, CA -- 14

530. 1970 -- May 4, USAF Convair T-29D Crash, near Hamilton AFB, CA -- 13
531. 1970 -- Aug 3, Navy P3A Orion, Lightning, Turbulence Breakup, ~Searchlight, NV¹⁸⁸-- 10
532. 1970 -- Oct 2, USAF C-130 Transport Plane Crash into mountain near Taipei, Taiwan-- 43

533. 1971 -- Jun 06, Hughes Air 706/Marine Corps Phantom II Collide, Duarte, CA -- 50
534. 1971 -- Jun 13, USAF C-135B monitoring French Nuclear Test, Lost, Pacific -- 24
535. 1971 -- Aug 18, USAF Chinook Helicopter explodes in air, Pegnitz, West Germany-- 37
536. 1971 -- Nov 12, USAF Lockheed C-130 Hercules Crash, Little Rock AFB, AR -- 10

1972 -- Feb 19, USAF C-130 and T-37 Planes Collide, NE of Little Rock AFB, AR -- 5
537. 1972 -- Jun 03, Brunswick ME-based USN Orion 152182 Crashes into Moroccan Mt.-- 14
538. 1972 -- Dec 05, USAF C-130 Talon Collides with SC ANG F-102, near Conway, SC-- 13

539. 1973 -- Feb 07, Navy Corsair II Plane Crash/Apartment Bldg., Fire, Alameda, CA¹⁸⁹-- 11
540. 1973 -- Mar 8, USAF Douglas C-47 Crash, Silk Hope, NC -- 14
541. 1973 -- Apr 12, Planes Collide, NASA Convair/NAVY P-3C Orion, Sunnyvale, CA-- 16
542. 1973 -- Dec 11, USN Douglas R6D-1 Crash, Great Sitkin Island, AK -- 10

1975 -- Jan 09, USAF T29D and Cessna Collide 4 miles west of Newport News, VA-- 9
543. 1975 -- Mar 20, USAF Transport Crash, Olympic Nat. Park, Quilcene WA -- 16
544. 1975 -- Apr 4, Operation Babylift C-5 Crash ~Tan Son Nhut AB, Vietnam-50-52US of 155
545. 1975 -- Sep 26, USAF Sikorsky CH-53 Helicopter Crash, east of Paderborn, Germany-- 16

546. 1976 -- Aug 28, USAF C41 Starlifter Crash, Soendre Stromfjord AFB, Greenland¹⁹⁰--13/23

¹⁸⁶ Cross-listed in Violence (Attack)

¹⁸⁷ Cross-listed in Aviation.

¹⁸⁸ Cross-listed in Lightning.

¹⁸⁹ Cross-listed in Fire-Structural. The pilot was believed to have died prior to the crash, one person on the ground killed by the crash, and eight by fire, with one additional death to an unattributed cause.

¹⁹⁰ There were 13 immediate U.S. fatalities and 8 Greenland (Dutch) passenger fatalities. Two other people died about two weeks later – I think they also were Greenland passengers. Greenland is an autonomous country within the Kingdom of Denmark. (*Wikipedia*. “Greenland.”)

547. 1976 -- Aug 28, USAF Crash, severe thunderstorm rips wing, ~Peterborough, UK -- 18
 548. 1976 -- Sep 26, USAF KC-135 (61-0296) Crash, Alpena, MI -- 15

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

549. 1977 -- Jun 21, USN TACAMO EC130Q Hercules Takeoff Crash, off Wake Island -- 16
 550. 1977 -- Sep 14, USAF EC-135K Crash, Mt., Manzano range, ~Albuquerque, NM -- 20
 551. 1977 -- Dec 11, BNAS-based USN Orion Crash, Fog, El Hierro Mt., Canary Islands-- 13
 1978 -- Sep 08, USAF C130 Crash into mountain, ~8 miles N of Little Rock AFB, AR-- 8
 552. 1978 -- Oct 06, USN C-118 Transport Crashes into hill in Fog near Santiago, Chile -- 16
 1978 -- Nov 30, USAF C-130 Plane Crash, near Cottageville, SC -- 6
 1978 -- Dec 10, USAF C-130 Hercules Plane Crash, landing phase, Ft. Campbell, KY-- 5
 553. 1980 -- Mar 14, USAF C130 Wing Explosion and Crash near Yenice, Cilicia, Turkey -- 18
 554. 1981 -- Feb 26, USAF MC-130 Plane Crash, off NAS Cubi Pt., Philippines --(17 US) 23
 555. 1981 -- May 06, USAF EC-135N Crash, Walkersville, near Frederick, MD -- 21
 556. 1981 -- May 26, USN EA-68 Prowler Crash, USS *Nimitz*, off Jacksonville, FL¹⁹¹ -- 14
 557. 1982 -- Mar 19, USAF KC-135 Tanker Explosion / Crash near Wonder Lake, IL -- 27
 1982 -- Aug 31, USAF C-141 transport plane crash, John's Knob, Cherokee Nat., TN-- 9
 1982 -- Sep 11, USAF Chinook Crash, Airshow, ~Mannheim, Germany --46, U.S. 7-8
 558. 1983 -- Apr 30, USN C-131 Eng. Fire/Crash, St. John's Riv., ~Jacksonville NAS, FL-- 14
 559. 1983 -- June 16, US Navy P-3B Orion (152720) Crash in Mountain, Kauai, HI -- 14
 1983 -- July 10/11, US Army CH-47 Chinook Helicopter Crash, South Fox Island, MI-- 6
 560. 1984 -- Feb 29, USAF C-130 Hercules Plane Crash, near Borja, Spain --(17 US) of 18
 561. 1984 -- Mar 24, USMC Helicopter Crash into Mt., 24M no. of Pohang So. Korea--18 of 29
 562. 1985 -- Jan 22, USAF Plane Crash in Sea on approach to Trujillo Airport, Honduras-- 21
 563. 1985 -- May 6, USMC CH-53D Helicopter Crash into Sea of Japan off Yakushima -- 17
 564. 1985 --Dec 12, Crash, US Mil. Charter, Arrow Air 1285, Gander, Newfoundland, Can.-256
 565. 1986 -- Apr 2, USAF Hercules C-130 Plane Crash, Magdalena, NM -- 11
 1986 -- Aug 29, USN CH-46 Helicopter Crash, Carrier USS *Saipan* off Bodoe, Norway--8
 1987 -- Sep 28, Bird Strike and Plane Crash, USAF B1-B, La Junta, CO -- 3
 566. 1987 -- Oct 20, USAF A-7D Jet Crash, Ramada Inn, Wayne Twp., ~Indianapolis, IN-- 10
 567. 1988 -- March 8, US Army Blackhawks collide mid-air, Fort Campbell, KY/TN¹⁹² -- 17
 1988 -- June 08, Air Nat. Guard C-130 Crash, touch-and-go-landing, Greenville, MS-- 6
 568. 1988 -- Oct 25, USMC CH-46/UH-1N Helicopters Crash, Goldwater Gun. Range, AZ-- 10

¹⁹¹ Cross-listed in Maritime.

¹⁹² The collision occurred over western KY-TN border, with one Blackhawk falling on KY side, the other in TN.

AVIATION Disasters Subset -- MILITARY Craft and Charters -- CHRONOLOGICAL

569. 1989 -- Jan 31, USAF SAC Tanker Crash, Dyess Air Force Base, TX -- 19
570. 1989 -- Mar 12, USAF CH-3C 'Copter Crash 20 mls NW of Tucson, ~Marana, AZ -- 15
571. 1989 -- Mar 20, USMC Sea Stallion Helo Engine Mal./Crash, Mt., ~Pohang, So. Korea--19
572. 1989 -- May 29, USMC CH46 Sea Knight Helicopter Crashes, Trng. Ex., off Okinawa-- 14
1989 -- Dec 01, Plane Crash, US Army CASA 212, Patuxent River NAS, MD -- 5
573. 1990 -- Aug 29, USAF C-5A Galaxy Plane Crash, Ramstein U.S. Air Base, Germany-- 13
574. 1991 -- Mar 21, Mid-Air Col., US Navy P-3C's, SW off San Diego, CA -- 27
575. 1992 -- Feb 6, KY ANG C-130 Hercules Crash, Hotel/Rest. complex, Evansville, IN-- 17
576. 1992 -- March 22, USAir 405, Ice on Wings, Crashes on Takeoff, LaGuardia, NYC -- 27
1992 -- Oct 7, WV Air National Guard C-130 Crash, Berkeley Springs, WV -- 6
577. 1992 -- Nov 30, Two USAF C-141 Transports Collide Mid-Air, near Harlem, MT -- 13
578. 1994 -- Mar 23, USAF C-130/F-16 Collide, F-16 hits troops on ramp, Pope AFB, NC-- 24
579. 1994 -- Apr 14, 2 USAF F-15s Shootdown 2 USA Black Hawks, No. Iraq --15US of 26
- 1995 -- Apr 17, Plane Crash, USAAF C-21 Learjet, near Alexander City Airport, AL-- 8
580. 1995 -- Sep 22, USAF AWACS Sentry Bird Strike Crash, Elmendorf AFB, AK -- 24
- 1996 -- March 7, US Army Chinook from Fort Campbell Crashes near Olmstead, KY-- 5
581. 1996 -- April 3, USAF Plane Crash (Sec. Com. Ron Brown) ~Dubrovnik, Croatia -- 35
582. 1996 -- May 10, Two U.S. Marine Helicopters Collide. Camp LeJeune, NC -- 14
1996 -- June 18, Army transport helicopters collide and crash, Fort Campbell, KY -- 6
1996 -- Aug 17, USAF C-130 Crash, Presidential support mission, ~Jackson Hole, WY-- 9
583. 1996 -- Nov 22, USAF Hercules Engine Loss/Crash, Pacific ~Cape Mendocino, CA-- 10
584. 2000 -- Apr 08, USMC Tilt-rotor Osprey V-22 Crash, Marana Airport ~Tucson, AZ-- 19
585. 2000 -- Aug 9, USN Charter Patuxent Air¹⁹³ & Private Plane Collide, Burlington, NJ-- 11
586. 2001 -- March 3, USAF C-23 Plane Crash (VA NG (18) FL ANG (3)), Unadilla, GA-- 21
587. 2002 -- Aug 7, Plane Crash, USAF Combat Talon II, Caguas, Puerto Rico -- 10
588. 2003 -- Mar 11, US Army Blackhawk Helicopter Crash, Fort Drum, NY -- 11
589. 2015 -- Mar 10, U.S. Army Blackhawk Helicopter Crash, Gulf off Navarre Beach, FL-- 11
590. 2016 -- Jan 14, Aviation, Two Marine Helicopters Crash off Haleiwa, Oahu, HI -- 12
591. 2017 -- July 10, USMC KC-130 (NY Reserve) crash, with Sp. Ops team, Leflore Co., MS--16

¹⁹³ Patuxent Airways was operating at the time under Department of Defense contract, carrying Navy personnel.

Aviation Subset -- **PARACHUTING/SKYDIVING** -- by **Mortality**

1. 1985 -- Sep 29, Skydiving Crash, Westwind Sports & Parachute Ctr., Jenkinsburg, GA-- 17
 2. 1992 -- April 22, Plane Crash, Perris Valley Aviation (Skydiving), Perris, CA -- 16
 3. 1981 -- Apr 17, Planes Collide, Air US 716 & Sky West Parachute, Loveland, CO -- 15
 4. 1982 -- Oct 17, Private Beechcraft C-45 Parachuting Jump Plane Crash near Taft, CA -- 14
 5. 1992 -- Sep 07, Beechcraft Parachuting Plane Crash, Hinckley, IL -- 12
 6. 1995 -- Sep 10, Plane Crash, Peninsula Sky Diving Club, West Point, VA -- 12
 7. 1981 -- Dec 5, Crash, Jump Hawaii Club Beechcraft C-45, Honolulu, HI -- 11
 8. 1983 -- Aug 21, Landry Aviation plane with skydivers stalls/crashes, Silvana, WA -- 11
 9. 1952 -- Apr 1-10, Military Plane Crashes, Parachuting, "Exercise Longhorn," TX -- 10
 10. 1999 -- July 31, Takeoff crash/Parahawks Skydiving Center plane, Marine City, MI -- 10
 11. 2007 -- Oct 7, Plane crash, Kapowsin Air Sports (skydiving), near Naches, WA -- 10
- 1991 -- Feb 3, Cessna 182 Parachute Plane collides with private plane, Osceola, WI -- 7

Aviation Subset -- PARACHUTING/SKYDIVING -- Chronological

1. 1952 -- Apr 1-10, Military Plane Crashes, Parachuting, "Exercise Longhorn," TX -- 10
2. 1981 -- Apr 17, Planes Collide, Air US 716 & Sky West Parachute, Loveland, CO -- 15
3. 1981 -- Dec 5, Crash, Jump Hawaii Club Beechcraft C-45, Honolulu, HI -- 11
4. 1982 -- Oct 17, Private Beechcraft C-45 Parachuting Jump Plane Crash near Taft, CA -- 14
5. 1983 -- Aug 21, Crash, Command Aviation N116CA (parachute plane), Silvana, WA -- 11
6. 1985 -- Sep 29, Skydiving Crash, Westwind Sports & Parachute Ctr., Jenkinsburg GA-- 17

- 1991 -- Feb 3, Cessna 182 Parachute Plane collides with private plane, Osceola, WI -- 7
7. 1992 -- April 22, Plane Crash, Perris Valley Aviation (Skydiving), Perris, CA -- 16
8. 1992 -- Sep 07, Beechcraft Parachuting Plane Crash, Hinckley, IL -- 12
9. 1995 -- Sep 10, Plane Crash, Peninsula Sky Diving Club, West Point, VA -- 12
10. 1999 -- July 31, Takeoff crash/Parahawks Skydiving Center plane, Marine City, MI -- 10

11. 2007 -- Oct 7, Plane crash, Kapowsin Air Sports (skydiving), near Naches, WA -- 10

Fatalities by Decade

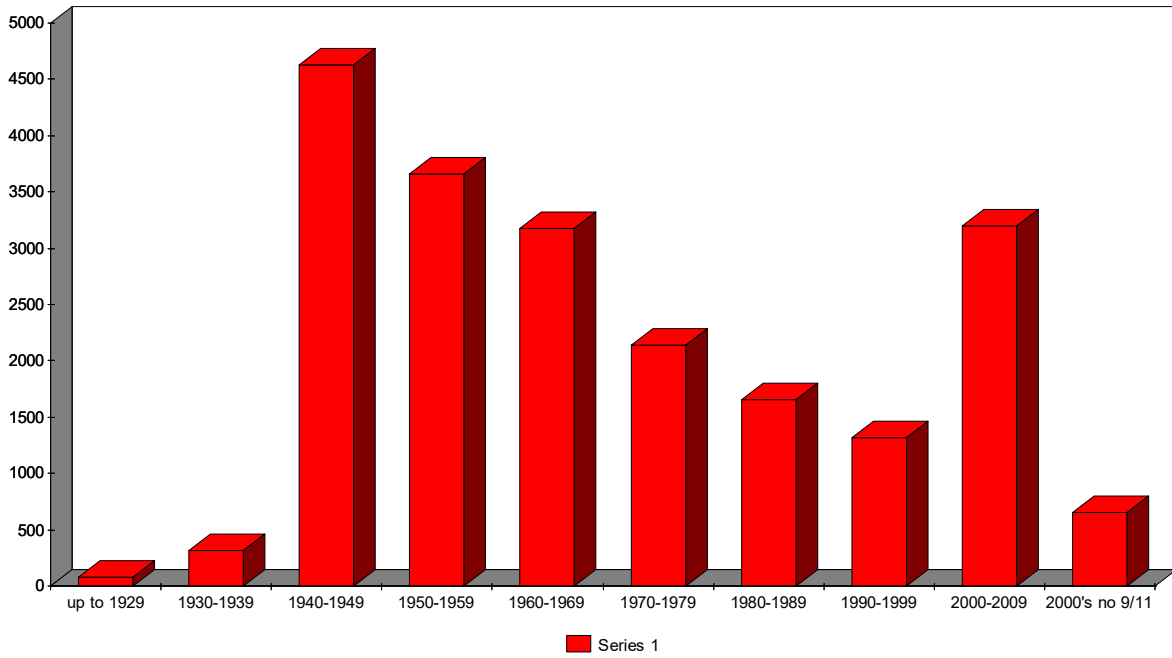
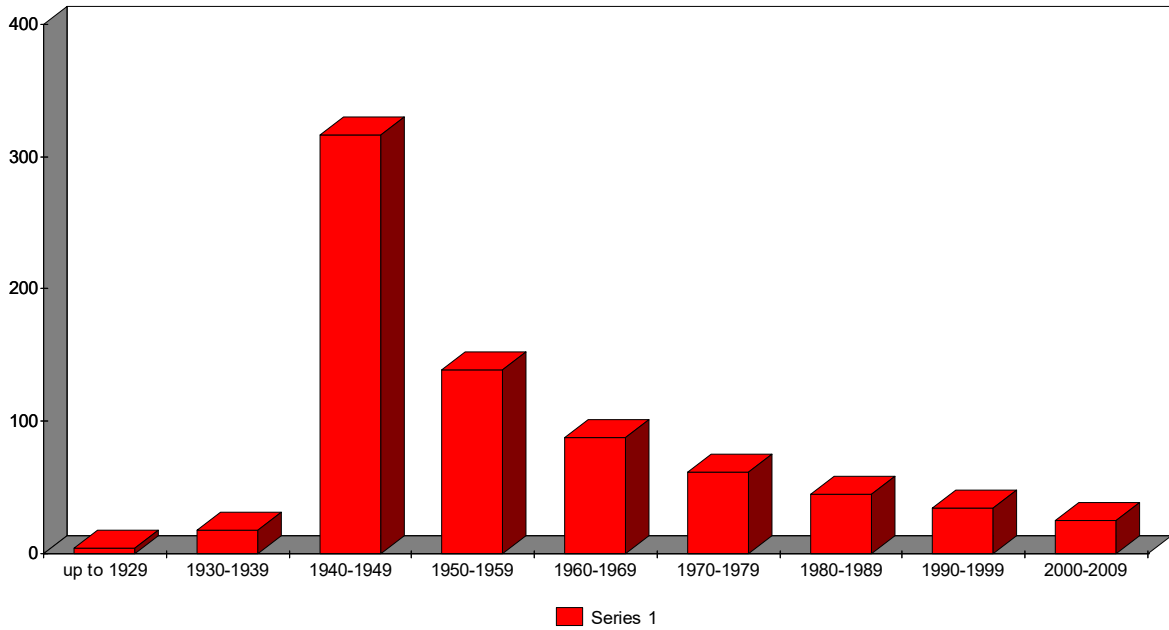


Figure 1

Aviation Events by Decade



CARBON MONOXIDE and Gas Poisoning/Asphyxiation (Residential) – By Mortality

1. 1931 -- The year, accidental Carbon Monoxide poisoning in garages, nationwide -- 469
2. 1968 -- March 6, Cargill Salt Mine Shaft Fire, CO² Asphyxiation, Belle Isle, LA¹⁹⁴ -- 21
3. 2009 -- Jan 26-28, Central/Eastern ice and snowstorm, KY/13, MO/2, AR/OK/TN 1 ea-- 18
4. 2017 -- Sep 10-11 (following), Hurricane Irma, FL (13), NC (1), SC (2) -- 16
5. 2012 -- Oct 29-30, Hurricane Sandy, NJ (5), NY (3), PA (4), WV (2)¹⁹⁵ -- 14
6. 1924 -- Jan 28, gas asphyxiation & gas/dynamite explos., Cumberland Hill, Manville, RI¹⁹⁶ ~13
7. 1954 -- Nov 07, CO Fumes, Faulty Gas Water Heater, kill family and guests, NYC, NY-- 10
8. 2008 -- Sep 13-18, Hurricane Ike, TX (8-9), KY (1) -- 9-10

9. 2005 -- Sep 24, Hurricane Rita, Beaumont, Jefferson Co. (6); Montgomery Co. (3) TX-- 9
10. 1998 -- Jan 9-12, Ice Storm, ME (3), NH (1) Upper New York (4) -- 8
11. 2003 -- Sep 18-19, Hurricane Isabel, Carbon Monoxide, MD (4), and VA (4)¹⁹⁷ -- 8
12. 2006 -- Dec 13-22, Windstorm, Pacific NW, Carbon Monoxide Poisoning (8/WA)¹⁹⁸ -- 8
13. 2015 -- Mar 28-29,¹⁹⁹ Carbon Monoxide Poisoning, family home, Princess Anne, MD-- 8

14. 2006 -- Dec 17, Carbon Monoxide poisoning, car in apartment garage, Kirksville, MO-- 7
15. 1977 -- Jan 28, Blizzard, Fostoria, OH -- 5
16. 2005 -- Aug 29-Sep 24, Hurricane Katrina, Louisiana -- 5
17. 2005 -- Oct 24, Hurricane Wilma, Category 3, Landfall SW Coast of Florida -- 4-5

¹⁹⁴ Cross-listed in Mine and Tunnel typology.

¹⁹⁵ Subset of 131-152 deaths in the U.S. from all hurricane-related causes, esp. NJ, NY, PA, MD, WV, CT.

¹⁹⁶ It appears, from medical examiner's statement that at least 13 of the sleeping victims asphyxiated from leaking gas prior to the explosion when the gas reached a light source. The explosion killed two others.

¹⁹⁷ Cross-listed in Carbon Monoxide Poisoning in that 8 of the 56 fatalities were attributed to CO poisoning.

¹⁹⁸ Cross-listed in Windstorms.

¹⁹⁹ Our dating based on report that family members were last seen alive on Saturday March 28, and children did not appear at school on Monday, March 30.

CARBON MONOXIDE and Gas Poisoning/Asphyxiation (Residential) – Chronological

1. 1924 -- Jan 28, Gas Leak & Dynamite Explosion, Cumberland Hill, Manville, RI -- 15
2. 1931 -- The year, accidental Carbon Monoxide poisoning in garages, nationwide -- 469
3. 1954 -- Nov 07, CO Fumes, Faulty Gas Water Heater, kill family and guests, NYC, NY-- 10
4. 1968 -- March 6, Cargill Salt Mine Shaft Fire, CO² Asphyxiation, Belle Isle, LA²⁰⁰ -- 21
1977 -- Jan 28, Blizzard, Fostoria, OH -- 5
1998 -- Jan 9-12, Ice Storm, ME (3), NH (1) Upper New York (4) -- 8
2003 -- Sep 18-19, Hurricane Isabel, Carbon Monoxide, MD, VA²⁰¹ -- 8
2005 -- Aug 29-Sep 24, Hurricane Katrina, Louisiana -- 5
2005 -- Sep 24, Hurricane Rita, Beaumont, Jefferson Co. (6); Montgomery Co. (3) TX-- 9
2005 -- Oct 24, Hurricane Wilma, Category 3, Landfall SW Coast of Florida -- 4-5
2006 -- Dec 13-22, Windstorm, Pacific Northwest, Carbon Monoxide Poisoning²⁰² -- 8
2006 -- Dec 17, Carbon Monoxide poisoning, car in apartment garage, Kirksville, MO-- 7
5. 2008 -- Sep 13-18, Hurricane Ike, TX (8-9), KY (1) -- 9-10
6. 2009 -- Jan 26-28, Central/Eastern ice and snowstorm, KY/13, MO/2, AR/OK/TN 1 ea-- 18
7. 2012 -- Oct 29-40, Hurricane Sandy, NJ (5), NY (4), PA (4), WV (1)²⁰³ -- 14
2015 -- Mar 28-29,²⁰⁴ Carbon Monoxide Poisoning, family home, Princess Anne, MD-- 8
8. 2017 -- Sep 10-11 (following), Hurricane Irma, FL (13), NC (1), SC (2) -- 16

²⁰⁰ Cross-listed in Mine and Tunnel typology.

²⁰¹ Cross-listed in Carbon Monoxide Poisoning in that 8 of the 56 fatalities were attributed to CO poisoning.

²⁰² Cross-listed in Windstorms (15 fatalities, total).

²⁰³ Subset of 131-152 deaths in the U.S. from all hurricane-related causes, esp. NJ, NY, PA, MD, WV, CT.

²⁰⁴ Our dating based on report that family members were last seen alive on Saturday March 28, and children did not appear at school on Monday, March 30.

Select Communicable and Infections Diseases

Communicable Disease: “An infectious disease transmissible (as from person to person) by direct contact with an effected individual or the individual’s discharges or by indirect means (as by a vector.” (*Merriam Webster Dictionary*)

Contagious Disease: “An infectious disease transmissible (as from person to person) by direct contact with an affected individual or the individual's discharges or by indirect means (as by a vector)” (*Merriam Webster Dictionary*) [Note communicable and contagious disease definitions are identical – we choose to use the word “Communicable” below.]

Examples of Communicable/Contagious Diseases

Bubonic Plague	Bacterial (<i>Yersinia pestis</i>) infection (fleas); communicable.
Cholera	Bacterial infectious disease; highly communicable.
Croup	Viral infection; communicable/contagious
Diphtheria	Bacterial infectious disease, highly communicable.
HIV/AIDS	Viral infection; communicable via direct body fluid contact.
Influenza/Pneumonia	Viral infectious disease; communicable/contagious.
Measles (Rubeola and Rubella)	Viral infectious disease; highly communicable.
Meningitis	Bacterial infectious disease; communicable/contagious.
Polio (Poliomyelitis)	Viral infectious disease; communicable/contagious.
Scarlet Fever (Scarlatina)	Bacterial infectious disease; communicable/contagious.
Smallpox (Variola)	Viral infectious disease; highly communicable/contagious.
Tuberculosis	Bacterial infectious disease; communicable.
Typhus (Epidemic)	Bacterial (<i>Rickettsia</i>) infection; communicable.
Whooping Cough (Pertussis)	Bacterial infection (<i>Bordetella pertussis</i>); communicable.

Infectious Disease: “Infectious diseases are disorders caused by organisms -- such as bacteria, viruses, fungi or parasites. Many organisms live in and on our bodies. They're normally harmless or even helpful, but under certain conditions, some organisms may cause disease.

“Some infectious diseases can be passed from person to person. Some are transmitted by bites from insects or animals. And others are acquired by ingesting contaminated food or water or being exposed to organisms in the environment....” (Mayo Clinic.)

Examples of other Infectious Diseases not communicable or not highly communicable

Legionellosis (Legionnaires’ Disease)	Bacterial (<i>legionella pneumophila</i>) infection.
Malaria	Plasmodium parasite infection spread by <i>Anopheles</i> mosquito.
Typhoid Fever (also Enteric Fever)	Bacterial infection (<i>Salmonella typhi</i>).
Yellow Fever	Flavivirus infection (communicated via mosquito bite).

DISEASES, select communicable/infectious, especially Epidemics -- **By Mortality**²⁰⁵

1.	1492-1800 – North American Native American Population Decline, esp. disease	~2,800,000
2.	1918-1919, Influenza and Pneumonia Epidemic	531,851-728,922
	1918 -- Influenza and Pneumonia Epidemic	430,000-543,482
	1919 -- Influenza and Pneumonia Epidemic	101,851-185,440
3.	1920 -- Influenza and Pneumonia (1918-1920 subset)	141,609-220,798
4.	1931 -- Influenza (31,701) and Pneumonia, all forms (96,974), especially PA	128,675
5.	1917 -- Influenza and pneumonia	115,526
6.	1900 -- Tuberculosis, esp. CA, IL, IN, KY, MA, MO, NJ, NY, OH, PA, TN	109,750
7.	1930 -- Influenza and Pneumonia, nationwide	102,504
8.	1920 -- Tuberculosis, esp. Denver, San Antonio, Nashville, New Orleans	99,916
9.	1939 -- Influenza (21,464) & Pneumonia, esp. CA, IL, MI MO, NY, OH, PA, TX	99,097
10.	1940 -- Influenza and Pneumonia, esp. CA, IL, MO, NY, OH, PA, TN, TX	92,525
11.	1879 -- June-May 1880, Tuberculosis, esp., NY, PA, OH, IL, IN, TN, KY, MA	91,270
12.	1775/82 Smallpox Epidemic North America	~84,000
13.	1931 -- Tuberculosis, esp. CA, IL, NY, OH, PA	81,395
14.	1907 -- Tuberculosis, esp. CA/Chicago, IN/MA/NY (esp. NYC)/PA (esp. Philly)	76,650
15.	1957-1958 (esp. Fall-Spring) -- “Asian” Influenza (and Pneumonia) Epidemic	~70,000
16.	1870 -- Tuberculosis (Consumption), Nationwide	69,896
17.	1966 -- Jan-Dec, Influenza and Pneumonia, nationwide	63,615
18.	1939 -- Tuberculosis, Nationwide, esp. CA, IL, NY, OH, PA, TN, TX	61,609
19.	1940 -- Tuberculosis, Nationwide, especially CA, IL, NY, OH, PA and TX	55,576
20.	1944 -- Tuberculosis, Nationwide, esp. CA, IL, MI, NJ, NY, OH, PA, TN, TX	54,731
21.	1849 -- Cholera, esp. IL, IN, KY, NOLA, MA, MI, MO, NY, OH, PA, TN, TX ²⁰⁶	--45,287-51,206
22.	1928-1929 – Winter, Influenza and Pneumonia Epidemic	~50,000
23.	1860 -- Tuberculosis (Consumption), Nationwide	49,082
24.	1890 -- Diphtheria and Croup, especially IL, MA, NJ, NY	41,677
25.	1870 -- Pneumonia, esp. AL, GA, IL, IN, KY, MA, MO, NY, OH, PA, TN, TX, VA	40,012
26.	1879 -- Jun-May 1880, Diphtheria, esp. Sep-Jan, esp. children, esp. PA, IL, NY, IA	38,143
27.	1900 -- Typhoid, esp. AL, AR, GA, IN, KY, MS, MO, NY, NC, OH, PA, TN, TX	35,379
28.	1968/69 (Sep-March), A2 “Hong Kong” Influenza (and Pneumonia) Epidemic	33,800
29.	1850 -- Tuberculosis (Consumption), nationwide	33,156
	1780-82 -- Smallpox Epidemic, Native Americans, Great Plains (see 1775-1782)	-->32,000
30.	1890 -- Typhoid Fever, Nationwide, spiking in Oct	~28,191-29,329
31.	1860 -- Scarletina (Scarlet Fever), 38 Census “Registration” States and DC	26,402
32.	1910 -- Typhoid Fever, Nationwide	25,000
33.	1879 -- June-May 1880, Typhoid (“Enteric”) Fever, esp. IL, IN, MO, OH, TX	23,339

²⁰⁵ For a listing of communicable diseases go to: <http://www.dhs.wisconsin.gov/communicable/>

²⁰⁶ There were outbreaks in other States (see narrative document). We note that our sources could not have had access to all cholera deaths in areas of coverage. Collins and Collins write in *History of Kentucky*, there were many more deaths in the smaller towns and the countryside than they were able to chronicle. This must have been true all up and down routes of river and rail traffic as well as in the wagon trains heading west during the Gold Rush. In addition, part of the explanation for the range has to do with what was called a death by cholera or a death caused by cholera-like symptoms, such as diarrhea or dysentery (interestingly co-incident in epidemic form during a cholera outbreak).

DISEASES, select communicable/infectious, especially Epidemics -- By Mortality Cont.

34. 1870 -- Typhoid Fever, Nationwide, esp. IL, IN, MA, MO, NY, OH, PA	22,187
35. 1829-34 -- Unknown Epidemic, West Coast Native Americans ²⁰⁷	6,500-22,000
36. 1915 -- Dec-Jan 1916, Influenza & Pneumonia, LA, MD, NJ, NY, OH, PA, RI, WI	21,102
37. 1870 -- Scarlet Fever, esp. IL, MO, NY, PA, WI	20,339
38. 1879 -- June-May 1880, "Malarial Fever," esp. AL, AR, GA, IL, MS and MO	20,231
39. 1837-38--Smallpox, Upper Mid-West Native American Tribes	~20,000
40. 1878 -- June-Dec, Yellow Fever, esp. LA (esp. New Orleans), MS, TN (esp. Memphis)	~20,000
41. 1853 -- May-Dec, Yellow Fever, esp. AL/1293, LA/~15K, MS/1311 TX/871--18,770-19,533	
42. 1860 -- Typhoid Fever, Census "Registration" States	19,236
43. 1832 -- June-Dec 16, Cholera Epidemics, esp. DC/LA/MD/NJ/NY/OH/PA/VA-16,781-18,491	
44. 1879 -- June-May, 1880 -- Croup, especially Oct-Dec, especially IL, PA and TN	17,966
45. 1890 -- Jan-Mar, Influenza (La Grippe/Russian Flu), esp. IL, Northeast ²⁰⁸	16,124-17,626
46. 1912 -- Jan 1-Jun 8, Tuberculosis, CA, IL, IN, MA, MO, NJ, NYC, PA, TX, WI	17,484
47. 1944 -- Influenza, especially Jan-Apr & Dec, Nationwide, especially OH, PA, TX	17,320
48. 1916 -- Diphtheria, especially children, nationwide, esp. PA, NY, MI	>8,000-17,000
49. 1866 -- May-Oct Cholera Epidemic, Cincinnati, NYC, Philly, St. Louis, TN, Army	16,730
50. 1880 -- Scarlet Fever, especially children, nationwide, especially IN, NY and PA	16,388
51. 2010 -- HIV/AIDS, U.S., nationally	15,525
52. 1860 -- Croup (contagious upper airway viral infection), nationwide	15,188
53. 1850 -- Cholera, esp. Sac. & SF, CA, IL, IN, KY, LA, MO, OH, TN, WI ²⁰⁹	--14,158-14,637
54. 1920 -- Diphtheria & Croup, esp. NY/1,931, PA/1,733, IL/1128, MI/885 ²¹⁰	13,395
55. 1835 -- Nov-Spring 1838, Smallpox, Sitka, Gulf of AK, Kodiak, Aleutian Isl. natives, AK	13,105
56. 1850 -- Typhoid Fever, nationwide	13,099
57. 1907 -- Typhoid, Nationwide	12,670
58. 1891 -- March-May, Influenza and Pneumonia Epidemic, esp. Chicago, IL & NY	12,472
59. 2009 -- April 12-April 10, 2010, H1N1 "Swine Flu" Pandemic (U.S.)	12,469
60. 1738-39 -- Smallpox, Catawba (NC/SC) and Cherokee Natives (NC)	--7,700-11,700
61. 1879 -- June-May 1880, Whooping Cough, nationwide, esp. IN, GA, NC, TX, AL	11,064
62. 1920 -- Whooping Cough, esp. PA/1,195, NY/1,063, OH/845, IL/553 MA/536 ²¹¹	10,968
63. 1911 -- Aug-Dec, Tuberculosis, NYC, NY, IL, CA, IN, MA, NJ, PA, TX	10,926
64. 1850 -- Croup (contagious upper airway viral infection), nationwide	10,706
65. 1870 -- Croup (contagious upper airway viral infection), nationwide	10,692
66. 1914 -- The Year, Influenza and Pneumonia, NYC, NY	10,500
67. 1907 -- Diphtheria and Croup, nationwide, esp. NY and PA (esp. Philadelphia)	10,154
68. 1907 -- Influenza, Census "Registration States and Localities	10,066
69. 1854 -- Cholera, esp. Boston, Chicago, Detroit, NYC, Pittsburgh, St. Louis	10,009-10,046
70. 1867 -- July-Dec, Yellow Fever, esp. New Orleans, Galveston/Houston; also AL/FL/MS/TN	10,004
71. 1659 -- Measles Epidemic, Native Americans, FL	10,000

²⁰⁷ From contemporary accounts, it appears that the year 1833 was the deadliest.

²⁰⁸ Technically, what became the flu epidemic of early 1890 began in late December 1889.

²⁰⁹ This reflects zero Plains Native American deaths, whereas the range of cholera deaths amongst Plains natives in 1849 was 5,600-6,500. We believe that there must have significant loss of life, but have just not located sources.

²¹⁰ Data from 34 Census Bureau Registration States and a number of cities $\geq 100,000$ in non-registration states.

²¹¹ Data from 34 Census Bureau Registration States and a number of cities $\geq 100,000$ in non-registration states.

72. 1798 -- Yellow Fever Epidemic, East Coast Port Cities 10,000
 73. 1837 -- Smallpox, California Native Americans²¹² 2,000-10,000
 74. 1848 -- Sep-early '49, Measles/Whooping Cough/Dysentery/Influenza Epidemics, HI 10,000

DISEASES, select communicable/infectious, especially epidemics -- By Mortality Cont.

75. 1861 -- May 1-June 30, 1866, Smallpox, Union soldiers and Confederate prisoners²¹³ --9,682
 76. 1850 -- Scarlet Fever, nationwide --9,584
 77. 1853 -- Smallpox, esp. natives, HI, Nevada City vic., CA, OR/WA; also NYC --7,450-9,450
 78. 1870 -- Measles, nationwide --9,237
 79. 1918 -- Typhoid Fever, 33 Registration States, DC and Puerto Rico, esp. TX --9,100
 80. 1870 -- Whooping or "Hooping" Cough, nationwide, esp. NY, IL, IN, OH, PA --9,008
 81. 1872 -- Smallpox, esp. Baltimore, Boston, Cincinnati, IL, NYC, Philly, St. Louis -->8,957
 82. 1860 -- Whooping Cough, nationwide, especially, NY, NC, OH, PA, and VA --8,408
 83. 1880 -- Measles, nationwide, especially GA, IL, IN, KS and MO --8,254
 84. 1920 -- Measles, 34 registration states, esp. NY/1,177, PA/1,153, OH/750, IL/496²¹⁴ --7,712
 85. 1879 -- June-May 1880, Meningitis, especially KY, NY, PA, MO and TN --7,481
 86. 1916 -- July-Sep esp. Polio, esp. NYC/NY (3,331), NJ (1,180), PA (414) --6,745->7,000
 87. 1882 -- Smallpox, esp. Chicago, Cincinnati, PA, Baltimore, NOLA, TN; elsewhere -->6,992
 88. 1920 -- Typhoid Fever, esp. PA/503 KY/490 OH/435 TN/434 IL/380 NY/SC/379²¹⁵ --6,805
 89. 1858 -- June-Dec, Yellow Fever, esp. Charleston SC; Galveston & Indianola; New Orleans/4855- 6,490
 90. 1812 -- Oct-June 1813 (esp.), Peripneumony/Lung Fever (pneumonia), VT, esp. Burlington -4350-6400
 91. 1870 -- Diphtheria, nationwide --6,303
 92. 1855 -- June-Nov, Yellow Fever, esp. New Orleans/2,670; Norfolk/Portsmouth, VA/3K-6,059
 93. 1897 -- Typhoid Fever, esp. CT, DC, IN, MI, MN NY, OH, PA, Denver, St. Louis --5,855
 94. 1931 -- The year, Diphtheria, especially children, especially AR, IL, KY and PA --5,738
 95. 1850 -- Whooping Cough, nationwide --5,280
 96. 1881 -- Smallpox, esp. Philly, Pittsburgh, Chicago, NYC, Richmond; also DE, HI, NJ, etc. --5,165
 97. 1906 -- Measles, Nationwide --5,087
 98. 1735-1741 (esp. 1735-37), "Throat Distemper" (Diphtheria),²¹⁶ esp. CT/ME/MA/NH --5,000
 99. 1793 -- Aug-Nov, Yellow Fever Epidemic, Philadelphia, PA --4,041-5,000
 100. 1907 -- Whooping Cough, Census Registration States and localities --4,856
 101. 1921 -- The year, Measles, especially children, nationwide --4,667
 102. 1898 -- esp. Jun-Dec, Typhoid, esp. Spanish War Army Camps, esp. Southeast >4,627
 103. 1931 -- Whooping Cough, year, especially children, esp. IL, KY, NY and PA --4,619

²¹² As noted in the narrative description section, Shelburne Friend Cook in his *The Conflict Between the California Indian and White Civilization*, Part 4, 1976, p. 213, writes that the accounts he has before him giving estimates of 100,000, and 200,000 to 300,000, are "obviously wild guesses." His own guesstimate (p. 214) is 2,000. We simply recognize the range. In another book in 1978 he writes that "the mortality may have reached 10,000."

²¹³ There is overlap with our 1863 entry (1,078 deaths) which includes Fort Delaware, Camp Chase, MD, and VA.

²¹⁴ Based on death certificate data from 34 "registration states" as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

²¹⁵ Based on death certificate data from 34 "registration states" as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

²¹⁶ Referred to as throat distemper, and other names at the time, descriptions point to what was later named diphtheria. Scarlet fever occurred as well, with deaths, but sources indicate the major epidemic was diphtheria.

104. 1873 -- Feb-Sep, Cholera, esp. AL/AR//IL/IN/IA/KY/LA/MS/MO/OH/TN ~4,539-4,599
 105. 1870 -- Smallpox, Nationwide --4,597
 106. 1887 -- Diphtheria, NYC, NY --4,509

DISEASES, select communicable/infectious, especially epidemics -- **By Mortality** Cont.

107. 1871 -- Winter-March 1872, Smallpox Epidemic, Philadelphia, PA --4,464
 108. 1912 -- Mar 24-Jun 8, Pneumonia, Chicago, IL, NYC, NY --4,342
 109. 1907 -- Scarlet Fever, Census States and localities --4,309
 110. 1907 -- Measles, Census States and localities --4,302
 111. 1854 --Jun-Dec, Yellow Fever, esp. Jacksonville, Charleston, Galveston, NOLA, Savannah ~4,238
 112. 1920 -- Scarlet Fever, esp. PA/497, NY/474, OH/383, IL/370, MI/303, MA/218, DE²¹⁷ --4,004
 113. 1815-16, Winter -- Smallpox Epidemic, Comanche Nation²¹⁸ -->4,000
 114. 1860 -- Measles, especially NY, OH, MO and PA 3,809-3,900
 115. 1906 -- Tuberculosis, Philadelphia, PA --3,742
 116. 1873 -- July-Dec, Yellow Fever, esp. Memphis, AL, Pensacola, Louisville, LA, TX-3542-3584
 117. 1931 -- Measles, especially children, especially IL and PA --3,576
 118. 1920 -- Dysentery, 33 registration states --3,574
 119. 1930 -- Malaria, nationwide, esp. AL, AR, FL, GA, LA, MS, OK, SC, TN, TX --3,572
 120. 1852 -- Cholera Epidemic, esp. Chicago, New Orleans, Rochester, St. Louis, MO --3,532
 121. 1841 -- Yellow Fever, esp. FL & LA, esp. New Orleans, also Vicksburg, Charleston--3,498
 122. 1909 -- Tuberculosis, Philadelphia, PA --3,496
 123. 1908 -- Tuberculosis, Philadelphia, PA --3,490
 124. 1904-05 -- Cerebrospinal Meningitis Epidemic, New York City --2,594-3,428
 125. 1847 -- Yellow Fever, esp. New Orleans, also Galveston, Mobile, Pensacola, Vicksburg²¹⁹ ≥3,400
 126. 1833 -- Feb-Aug esp., Cholera, esp. KY (1765), NOLA (1000) and Cincinnati (176)--3,381
 127. 1943 -- Jan-Dec, Whooping Cough, especially children, nationwide --3,368
 128. 1905 -- The Year, Tuberculosis, Philadelphia, PA --3,365
 129. 1851 -- esp. June-Aug, Cholera, esp. St. Louis, IL, New Orleans, Cincinnati, SD Territory;
 also AL, AR, IN, IA, KS, KY, TN, WI, Riverine Maritime (esp. MS) --3,314-3,322
 130. 1952 -- Polio Epidemic, Nationwide, esp. upper Midwest 3,000-3,300
 131. 1910 -- Tuberculosis, Philadelphia, PA --3,190
 132. 1920 -- Malaria, esp. MS/683, LA/586, SC/487FL/344, NC/210 and TN/183²²⁰ --3,136
 133. 1896 -- Measles, esp. NYC/714, Brooklyn/333, Philadelphia/191, Cincinnati/100, CT-3178
 134. 1693 -- Jun 17 start, Yellow Fever, Boston, arrival of British fleet from Martinique²²¹ 3,100

²¹⁷ Based on death certificate data from 34 “registration states” as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

²¹⁸ We note “greater than” 4,000 in that 4,000 is the estimated Comanche loss, whereas it has been written that the Kiowa, for example, lost to smallpox numbers in a ratio comparable to the Comanche.

²¹⁹ Was in at least 10 Louisiana locations other than New Orleans; also in six known locations other than Vicksburg in Mississippi; was in Memphis, TN, and Brazos, Houston and Matamoros, Texas. Mostly late Summer and Fall.

²²⁰ Based on death certificate data from 34 “registration states” as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

²²¹ First account of yellow fever in current U.S. Number is of sailor/soldier yellow fever deaths. We do not know number who were American, or how many Boston area residents died when the disease communicated to the town.

135. 1939 -- Whooping Cough, nationally, esp. AL, GA, IL, MS, NY, NC, PA, TX, VA --3,026
 136. 1819 -- Yellow Fever, esp. Charleston, Mobile, Natchez; most esp. New Orleans-2871-3019
 137. 1804 -- Epidemic, Possibly Cholera (or Typhoid or Plague) Natives, Oahu, Hawaii >3,000

DISEASES, select communicable/infectious, especially epidemics -- **By Mortality** Cont.

138. 1850 -- Measles, nationwide --2,983
 139. 1940 -- Whooping Cough, Nationwide, especially TX and KY --2,926
 140. 1893 -- Dec 24- Dec 22, 1894 -- Diphtheria, Brooklyn & NYC, NY --2,858
 141. 1931 -- "Epidemic Cerebrospinal Meningitis,"²²² especially IL, NY and PA --2,832
 142. 1883 -- Smallpox, esp. New Orleans/834 Baltimore/633 Cincinnati/189 Chattanooga/103- 2,868
 143. 1944 -- Cerebrospinal Meningitis, Nationwide, esp. CA, IL, MI, NJ, NY, OH, PA --2,812
 144. 1839 -- Jun-Oct, Yellow Fever, SC, FL, GA, TX, esp. Mobile, Natchez, New Orleans--~2764
 145. 1822 -- Yellow Fev., esp. late Sum-Fall, esp. NOLA/Marietta OH/NYC/Pensacola²²³ 1519-2,741
 146. 1949 -- Esp. July-Nov, Polio, esp., CA, IL, MI, MN, MO, NJ, NY, OK, TX --2,720-2,732
 147. 1891 -- Typhoid Fever Epidemic, Chicago (2,000), DC (208), Philadelphia (516) --2,724
 148. 1875 -- Smallpox, esp. New York City (1,899), Cincinnati (745), Philadelphia (54) --2,699
 149. 1931 -- Scarlet Fever, especially children, especially IL --2,651
 150. 1931 -- Malaria, esp. AL, AR, FL, GA, LA, MS, MO, SC, TN --2,536
 151. 1797 -- Yellow Fever, New Design, MO, NYC, Philly, Providence, RI --2,502
 152. 1900 -- Jun-Dec, Measles/Flu Epidemics, Native Alaskans, esp. western AK ---~2000-2500
 153. 1864 -- Yellow Fever, Charleston, SC, Galveston, New Bern NC, New Orleans --2,381
 154. 1850 -- Smallpox, nationwide --2,352
 155. 1941 -- Measles, esp. children, esp. VA (170), GA (160), KY (158), SC (138), TN (133) --2,279
 156. 1893 -- Dec-Jan 1894, Epidemic Influenza, NY --2,200
 157. 1931 -- Polio, esp. July-Oct (Aug peak), esp. NY, NJ, MI, MA, IL, CT, PA --2,139-2,144
 158. 1927 -- Polio (Acute), especially late Summer and Fall, especially children --2,013
 159. 1709-10 -- Smallpox Epidemic, Native Americans, lower CA ≥2,000
 160. 1634-35 -- Smallpox Epidemic, Five Nations, especially Mohawks, Upper NY²²⁴ ≥2,000
 161. 1616 -- Unknown Epidemic Disease, Natives, esp. neat coasts of MA, ME, RI --Thousands
 162. 1939 -- Diphtheria, esp. Jan-Mar, Sep-Dec, Nationwide, esp. GA, IL, NC, TX, VA --1,997
 163. 1837 -- Aug-Nov, Yellow Fever Epidemics, Mobile AL; New Orleans LA; Natchez MS-1550-1930
 164. 1944 -- Measles, especially Jan-June, Nationwide, esp. CA, GA, OH, PA, TX --1,923
 165. 1950 -- Polio, esp. Jul-Nov (1,611 deaths), esp. CA, IL, MI, NY, OH, PA, TX --1,904
 166. 1948 -- Polio, especially CA, MN, NC, OH, SD, TX and WI --1,895
 167. 1944 -- Whooping Cough, Nationwide, especially NC, VA, TX, SC, KY, MS --1,878
 168. 1946 -- Especially July-Nov, Polio, esp. IL, MN and TX --1,845
 169. 1800 -- Yellow Fever, esp. Baltimore, Charleston SC, Norfolk, Providence RI-1,509-1,806
 170. 1764-65 -- Smallpox, esp. Iroquois, Shawnee, Lenape, Creek, Choctaw, Chickasaw >1,800
 171. 1870 -- Typhus, nationwide, especially IL, IN, NY, and PA --1,770
 172. 1939 -- Malaria, esp. May-Nov, especially AL, AR, FL, GA, LA, MS, SC, TX --1,761
 173. 1911 -- Typhoid Fever, PA --1,716
 174. 1834 -- ~Jul-Nov, Cholera, esp. Baltimore, Cleveland, Detroit, Rochester; esp. NYC~1,693

²²² "Epidemic Cerebrospinal Meningitis," is the name used for this malady in U.S. Census, *Mortality Statistics 1931*.

²²³ Also includes 101 fatalities on the U.S. Frigate *Macedonian*, sailing in the Caribbean late Spring to mid Summer.

²²⁴ We are assuming that if thousands died, then at least 2,000 must have died.

175. 1872 -- Cholera, Philadelphia, PA --1,666
 176. 1910 -- Polio (Acute), esp. Summer-Fall, especially IA, MA, MN, NY, PA 1,459-1,655
 177. 1848 -- Dec, Cholera, New Orleans, also MS River, Cincinnati, Chicago, St. Louis --1,616

DISEASES, select communicable/infectious, especially epidemics -- **By Mortality** Cont.

178. 1921 -- Polio (Acute), esp. late Summer-Fall, esp. children, esp. NY, IL, WA, MI --1,597
 179. 1951 -- Polio, especially July-Nov, especially CA, IL, TX --1,551-1,555
 180. 1855 -- May-Aug, Cholera, IL, LA, KS, KY, MO, OH, WI, esp. New Orleans--1,450-1,550
 181. 1867 -- Jun-Dec, Cholera Epidemic, esp. New Orleans, St. Louis, TN, U.S. Army --1,536
 182. 1925 -- Polio (Acute), especially late Summer and Fall, especially children --1,519
 183. 1689-90 -- Smallpox, New England and NY, settlers and natives \geq 820-1,500
 184. 1801-02 -- Smallpox, Native Americans, esp. Omaha, esp. Midwest, Northwest ~1,500
 185. 1862 -- Yellow Fever, FL, Wilmington NC, Hilton Head SC, Matagorda TX --1,499
 186. 1914 -- The Year, Diphtheria and Croup, NYC, NY --1,489
 187. 1843 -- July-Nov, Yellow Fever, esp. Mobile AL (240-750), New Orleans (487-700)-758-1481
 188. 1875 -- Consumption (Tuberculosis), leading cause of death in State for year, MI --1,479
 189. 1937 -- Polio (Acute), especially late Summer and Fall, especially children --1,461
 190. 1953 -- Polio, especially CA, IL, MI, and NY --1,450
 191. 1940 -- Malaria, especially AL, AR, GA, MS, SC and TX --1,442
 192. 1803 -- Yellow Fever Epidemic, July 18-Oct, Charleston, SC, NY, VA, Philadelphia-1,403
 193. 1894 -- Jan-Dec 17 Smallpox, Chicago, DC, IL, IN, MI (esp. Detroit), NY, PA, WI --1,397
 194. 1928 -- Polio (Acute), especially late Summer and Fall, especially children --1,381
 195. 1944 -- Polio (Acute), especially July-Nov (1,070 deaths), esp. NY, OH and PA --1,381
 196. 1930 -- Polio (Acute), especially late Summer and Fall --1,370
 197. 1954 -- Polio (Acute), especially late Summer and Fall, especially children --1,368
 198. 1799 -- Yellow Fever, esp. Charleston SC, NYC, Philadelphia, *Delaware & Greene* 1,356
 199. 1820 -- May-Dec, Yellow Fever, Savannah GA/New Orleans/NYC/Philadelphia --1,335
 200. 1913 -- Diphtheria, NYC, NY --1,333
 201. 1871 -- Scarlet Fever, especially children, Baltimore, MD (625), and MI (696) --1,321
 202. 1865 -- Smallpox, esp. Mobile, AL, Philadelphia, PA and New York City²²⁵ >1,312
 203. 1912 -- Typhoid, Pennsylvania --1,310
 204. 1943 -- Measles, especially children --1,301
 205. 1876 -- Yellow Fever, Savannah (also Brunswick), GA; also New Orleans & Baltimore --1,293
 206. 1880 -- Smallpox, CA, CT, DC, IL, LA, MA, NJ, NM, NY, especially Philly & TX --1,284
 207. 1911 -- Diphtheria and Croup, NYC, NY --1,281
 208. 1915 -- Diphtheria, NYC, NY --1,278
 209. 1860 -- Smallpox, esp. MA/473, NY/ 303, OH/135, PA/87, ME/56, VA/24 --1,263-1,271
 210. 1817 -- June-Dec, Yellow Fever, esp. Charleston SC, Natchez MS, New Orleans-1208-1,233
 211. 1873 -- Smallpox, esp. Chicago (515) and Baltimore (631); also Cincinnati (48) --1,194
 212. 1945 -- Polio (Acute), especially July-Nov (Sept. peak) --1,186
 213. 1917 -- Polio, especially Jun-Sep, Census registration area (27 States, some cities) \geq 1,182
 214. 1943 -- Polio (Acute), especially late Summer and Fall, especially children --1,151
 215. 1829 -- Yellow Fever, esp. FL, Mobile AL/130; Natchez MS/90; New Orleans LA/900--1,146
 216. 1874 -- Scarlet Fever, especially children, MI (440) and Cincinnati, OH (687) --1,127

²²⁵ This does not take into account hundreds of smallpox fatalities in military ranks and especially military prisons.

217.	1912 -- Diphtheria, NYC, NY	--1,125
218.	1872 -- Cerebral Spinal Meningitis, MA (esp. Boston), NYC, PA (esp. Philly)	--1,090
219.	1772 -- Measles Epidemics, Charleston, SC (800-900), Philadelphia, PA (180)	--980-1,080
220.	1924 -- Polio (Acute), especially late Summer and Fall, especially children	--1,079
221.	1863 -- Smallpox, Fort Delaware, DE, Baltimore, Camp Chase, OH, Chicago, VA	>1,078
222.	1879 -- Diphtheria, MN (955) and Hudson County, NJ (120) ²²⁶	--1,071
223.	1935 -- Polio (Acute), especially late Summer-and Fall, especially children	--1,040
224.	1870 -- May-Dec, Yellow Fever, esp. New Orleans/587 Mobile/173 Brunswick GA	--1,038
225.	1899 -- Typhoid fever epidemics/outbreaks, Greensboro, NC; PA, esp. Philadelphia	--1,026
226.	1940 -- Polio, Nationwide, especially IL, IN, IA, KS, MI, OH and WV	--1,026
227.	1721 -- May-Apr 1722, Smallpox, Mass. Bay Colony, esp. Boston & Charlestown	957-1004

DISEASES, select communicable/infectious, especially epidemics -- By Mortality Cont.

228.	1633-1634 -- Smallpox Epidemic, New England Natives, Plymouth Colonists, MA-->1000	
229.	1663 -- Smallpox, Fort Orange, NY and Northern "NY" Native American Tribes	--1,000
230.	1677-78 -- Smallpox Epidemic, Massachusetts Bay Colony, esp. Boston & vic.	--750-1,000
231.	1833 -- Early Aug-early Nov, Yellow Fever Epidemic, New Orleans, LA	--1,000
232.	1731 -- Smallpox Epidemics, New York City (548-700) and Philadelphia (288)	--836-988
233.	1796 -- Yellow Fever, esp. Charleston, SC/300, New Orleans/250-400; Wilmington, NC/150--	836-986
234.	1868 -- June-Dec, Smallpox, esp. Chicago, Cincinnati, Milwaukee, San Francisco	-- 960
235.	1887 -- Yellow Fever Outbreaks, esp. Fernandina & Tampa, FL & New Orleans, LA--	941
236.	1760 -- Smallpox Epidemic, Charleston SC (as well as undocumented Native deaths)-	730-940
237.	1848 -- Yellow Fever, Jun-Nov, Mobile, New Orleans, NY Marine Hospital	-- 938
238.	1876 -- Smallpox, Cincinnati, OH	-- 934
239.	1849 -- Yellow Fever Epidemic -- Charleston SC, New Orleans	-- 912
240.	1875 -- Croup and Diphtheria, MI (374) and Hudson County, NJ (533)	-- 907
241.	1756 -- Smallpox Epidemic, Philadelphia	-- 900
242.	1905 -- Yellow Fever Epidemic, May-Oct, LA, especially New Orleans	-- 869
243.	1870 -- Scarlet Fever, primarily children, MI	-- 852
244.	1934 -- Polio (Acute), especially late Summer and Fall, especially children	-- 852
245.	1926 -- Polio (Acute), especially late Summer and Fall, especially children	-- 851
246.	1923 -- Polio (Acute), especially late Summer and Fall, especially children	-- 850
247.	1809 -- Yellow Fever, esp. Brooklyn/NYC (42); New Orleans (civilian/military; ~800), LA--	850
248.	1796 -- Scarlet Fever epidemic (especially children), Marblehead, MA and esp. VT	--681-846
249.	1932 -- Polio (Acute), especially late Summer and Fall, especially children	-- 828
250.	1837 -- Scarlet Fever, Boston, MA, New York City, NY, Philadelphia, PA	-- 823
251.	1929 -- Polio (Acute), especially late Summer and Fall, especially children	-- 812
252.	1941 -- Polio (Acute), especially late Summer and Fall, especially children	-- 807
253.	1795 -- July 19--Oct 12, Yellow Fever Epidemic, NY City, also Providence RI	~745-800
254.	1833 -- Malaria Epidemic, ConCow Maidu Villages, Butte County, CA vicinity	-- ~800
255.	1869 -- Smallpox Epidemic, Gros Ventre Natives, Montana Territory	--700--~800
256.	1933 -- Polio (Acute), especially late Summer and Fall, especially children	-- 797
257.	1922 -- Polio (Acute), especially late Summer and Fall, especially children	-- 790
258.	1879 -- June-Dec, Yellow Fever, Forest City, AR, Louisiana, MS, Memphis, TN	--682-786

²²⁶ There is a 7-month overlap in the June 1879-May 1880 U.S. Census diphtheria count.

259.	1850 -- Jan-Oct, Yellow Fever, especially New Orleans, LA	-- 785
260.	1864 -- Cerebral Spinal Meningitis Epidemic, Carbondale & Philadelphia PA	-- 784
261.	1936 -- Polio (Acute), especially late Summer and Fall, especially children	-- 780
262.	1939 -- Polio (Acute), especially late Summer and Fall, especially children	-- 773
263.	1920 -- Polio (Acute), especially late Summer and Fall (33 “registration states)	-- 769
264.	1861 -- Smallpox Outbreak, Philadelphia, PA	-- 758
265.	1805 -- Yellow Fever Epidemic, New York, Philadelphia, Providence, RI	-- 750
266.	1919 -- Polio (Acute). Especially late Summer and Fall, especially children	-- 747
267.	1824 -- Smallpox, NYC, NY, Philadelphia, PA, Sandusky, OH	--740-745
268.	1852 -- Yellow Fever, Charleston, New Orleans, Savannah	-- 745
269.	1911 -- Scarlet Fever, NYC, NY	-- 741
270.	1911 -- Oct-June 8, 1912, Meningitis Epidemic, esp. TX , OK, MO	-- 740

DISEASES, select communicable/infectious, especially epidemics -- By Mortality Cont.

271.	1881 -- Typhoid Fever, Birmingham AL, Washington DC, Minneapolis, NYC	-- 692
272.	1880 -- Oct-Jan 8, 1881, Diphtheria epidemic, esp. children, Brooklyn, NYC, NY	-- 688
273.	1912 -- The Year, Measles, NYC, NY	-- 671
274.	1911 -- The Year, Measles, NYC, NY	-- 659
275.	1809 -- Disease/Illness, May-Feb 1810, U.S. Army, MS	-- 656
276.	1915 -- The Year, Measles, NYC, NY	-- 630
277.	1794 -- Yellow Fever Epidemic	-- 624
278.	1912 -- The Year, Scarlet Fever, NYC, NY	-- 615
279.	1835 -- Apr-Aug, Cholera, IN, NOLA, KY, MO, OH, SC, TN ²²⁷	--590-601
280.	1759 -- Smallpox Epidemic, Philadelphia, PA	-- 600
281.	1853 -- Cholera, New Orleans, LA (585); Choctaw on Arkansas River, OK (14)	-- 599
282.	1844 -- Yellow Fever, esp. Galveston TX (400); Mobile AL (40); New Orleans LA (148)-590	
283.	1851 -- Smallpox, NYC, NY	--562-586
284.	1823 -- July-Nov 1, Yellow Fever Epidemic, Natchez & vicinity, MS, New Orleans	-- 581
285.	1873 -- Scarlet Fever, especially children, MI	-- 580
286.	1947 -- Polio	-- 580
287.	1702 -- Summer to late Fall, Yellow Fever Epidemic, New York City, NY	--500-570
288.	1752 -- Early in year through at least Summer, Small-Pox Epidemic, Boston, MA--535-569	
289.	1956 -- Polio, especially late Summer and Fall, especially children	-- 566
290.	1872 -- Scarlet Fever, especially children, MI	-- 565
291.	1802 -- Yellow Fever, Wilmington DE, MD, MA, Philadelphia, NH, SC	-- 561
292.	1942 -- Polio, especially late Summer and Fall, especially children	-- 561
293.	1888 -- July-Dec, Yellow Fever epidemic, FL esp. Jacksonville/430; Decatur AL/35--	546
294.	1875 -- Scarlet Fever, Michigan and Hudson County, NJ	-- 537
295.	1699 -- Yellow Fever Epidemics, Charleston, SC (170-311); Philadelphia (220)	--390-531
296.	1897 -- Sep-Dec, Yellow Fever, esp. Mobile/48, New Orleans/298, MS, Memphis TN ~520	
297.	1912 -- Polio, especially Summer to Fall, especially children, especially CA (129)	-- 518
298.	1920 -- Smallpox, 34 registration states, esp. LA/167, MS/45, MO/28, NC/28 ²²⁸	-- 508

²²⁷ Especially Madison, IN (epidemic with 32 deaths), New Orleans with 140-150, Russelville (120) and Versailles (64) KY; Palmyra, MO with 19; Red Lion (18) and West Union (16) OH. Charleston, SC was noted as having “suffered” but we find no statistics. In TN, Franklin (10), Memphis (35) and TN (Nashville) Penitentiary (28), esp.

299. 1913 -- Scarlet Fever, NYC, NY -- 507
 300. 1730 -- Smallpox Epidemic, Massachusetts Bay Colony, especially Boston -->502
 301. 1690 -- Spring-Fall, Smallpox, Iroquois Native Americans, esp. upper New York ~300-500
 302. 1793 -- Influenza Epidemic, 5 counties, 4 weeks, VA -- 500
 303. 1811 -- Yellow Fever Epidemic, New Orleans, LA -- >500

DISEASES, select communicable/infectious, especially epidemics -- By Mortality Cont.

304. 1873 -- Cerebral Spinal Meningitis, Boston & Lowell MA, Philadelphia, PA -- 499
 305. 1938 -- Polio (Acute), especially late Summer and Fall, especially children -- 487
 306. 1775 -- Dysentery, DE, MD, NJ (≥ 10), but primarily CT (≥ 146) and MA (≥ 326) -- ≥ 482
 307. 1876 -- May 19-July 1, 1877, Smallpox Epidemic, San Francisco, CA -- 482
 308. 1893 -- Cerebrospinal Meningitis Epidemic, New York City, NY -- 469
 309. 1950 -- Measles, esp. children, esp. MS (34), KY (30), MI (28), OH (27), NJ (26), TN (25)-- 468
 310. 1881 -- Cerebrospinal Meningitis Epidemic, New York City, NY -- 461
 311. 1836 -- Scarlet Fever, Boston, MA, New York City, NY, Philadelphia, PA -- 458
 312. 1871 -- July 30-Dec 18, Yellow Fever, esp. MS/143, Charleston SC/213, New Orleans/55--454
 313. 1959 -- Polio (Acute), especially late Summer and Fall, especially children -- 454
 314. 1914 -- The Year, Scarlet Fever, NYC, NY -- 451
 315. 1836-37 -- Measles, New York City, NY -- 443
 316. 1609-10 -- Winter, Starvation, Disease, Attack, Jamestown Colony, VA²²⁹ >400-440
 317. 1911 -- Polio, esp. children, nationwide, esp. IL, IN, IA, MA, MN, NY, PA, WI -- 440
 318. 1914 -- Polio, the year, especially Summer-Fall, especially children, nation 413-434
 319. 1875 -- Typhoid Fever, 3rd leading cause of death in MI for year -- 433
 320. 1825 -- Yellow Fever, esp. Mobile, Key West & Pensacola, NOLA, Natchez, Washington MS-428
 321. 1834 -- Smallpox, New York City, NY and Philadelphia, PA -- 428
 322. 1852 -- Smallpox Outbreak, Philadelphia, PA -- 427
 323. 1913 -- Polio, especially June-Sep (Sep peak), especially children -- 426
 324. 1913 -- Measles, the year, NYC, NY and Pittsburgh, PA -- 423
 325. 1777 -- Dysentery, CT, NJ, PA, VT, and especially MA (≥ 255) and NY (≥ 100) -- >416
 326. 1910 -- Smallpox, 23 reporting States and DC, esp. MI (121), OK (99), TX (67) --403-415
 327. 1832 -- Yellow Fever Outbreak, New Orleans, LA -- 400
 328. 1864 -- Smallpox, Chicago (283) and Northern VA (112) -- 395
 329. 1821 -- Summer-fall, Yellow Fever, esp. Norfolk VA (~160); St Augustine, FL (172)-- ≥ 414
 330. 1874 -- Aug 17-Nov 9, Yellow Fever, Pensacola, Warrington, Woolsey, FL/381; also N.O.-- 398
 331. 1960 -- Measles, especially children -- 380
 332. 1838 -- Yellow Fever, New Orleans LA (17), NY Marine Hosp. (8) Charleston SC (351)-376
 333. 1824 -- July-Nov, Yellow Fever, esp. Charleston SC (235); New Orleans LA (≥ 108)--364-373
 334. 1914 -- The Year, Measles, NYC, NY -- 367
 335. 1585, June-June 1586, Disease, Natives visited by English from Roanoke Colony, NC>360
 336. 1856 -- Aug-Sep, Yellow Fever, Charleston SC/212-266, New Orleans/74, NY/12-304-358

²²⁸ Based on death certificate data from 34 "registration states" as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

²²⁹ Sources utilized do not breakout causes of death, but do give impression that starvation was substantial. In that we do not know how many deaths from the total were attributable to disease, we cross-list here and in starvation.

337. 1857 -- June-Dec, Yellow Fever, Charleston SC, Jacksonville FL/127, New Orleans/199--353
 338. 1877 -- Diphtheria, the year, Santa Cruz, CA; Hudson County, NJ -- 349
 339. 1914 -- Polio, the year, especially Summer-Fall, especially children, nation -- 349
 340. 2009 -- Apr 15-Oct 2, 2010 -- pediatric influenza deaths during H1N1 Flu Pandemic²³⁰-348
 341. 1828 -- Yellow Fever, esp. Charleston SC/26, Memphis/56, MS/90, New Orleans/150--332
 342. 1876 -- Diphtheria, Hudson County, NJ -- 327
 343. 1812 -- Feb-Apr, Spotted Fever/Meningitis, esp. Acworth & Antrim NH; Pomfret & Reading VT- 265-325
 344. 1773 -- Smallpox Epidemic, Philadelphia (300), Marblehead (~3) & Salem (17), MA--~321
 345. 1911 -- Oct-May 1912, Meningitis Epidemic, TX & OK -- 319
 346. 1835 -- Aug-Sep, Yellow Fever, Charleston SC (25-26) New Orleans LA (284-289)-309-315
 347. 1702 -- Summer (late) to early Spring 1703, Smallpox Epidemic, Boston, MA --302-313
 348. 1738 -- Smallpox Epidemic, Charleston, SC -- 311
 349. 1915 -- Polio, the year, especially Summer and Fall, especially children -- 311
 350. 1912 -- Smallpox, 35 States and DC, especially TX (128); Pittsburgh (33) --301-307
 351. 1945 -- Measles, especially children -- 307

DISEASES, select communicable/infectious, especially epidemics -- **By Mortality** Cont.

352. 1538-39 -- Unknown epidemic, “Cofitachequi”²³¹ Natives, central SC --hundreds
 353. 1586 -- Passamaquoddy Natives “Devastated” by Typhus Epidemic, Maine --hundreds?
 354. 1760-61 -- Wtr.-Spring, Influenza Epidemic, esp. Natives, esp. CT, MA, ME, PA --hundreds
 355. 1793 -- Dysentery, Coventry, CT, Caroline Co., MD, esp. Georgetown DC & vic.-hundreds

 356. 1667 -- Smallpox Epidemic, Native Americans, VA, especially eastern shore VA --≥300
 357. 1697-98--Smallpox, Charleston, SC (pop. ≥5,000); (plus hundreds Native Americans)²³²-200-300
 358. 1759-60 -- Smallpox Epidemic, Catawba Nation, SC -- ~300
 359. 1878 -- Scarlet Fever, Hudson County, NJ (113); Fall, Cincinnati, OH (181) -- 294
 360. 1915 -- Scarlet Fever, NYC, NY -- 291
 361. 1751-52 -- “Throat Distemper” (Diphtheria), esp. Abington/Hingham/Weymouth, MA--240-290
 362. 1859 -- Yellow Fever Epidemic, Galveston & Edinburgh TX; New Orleans, LA -- 290
 363. 1842 -- July-Oct, Yellow Fever Epidemics, Mobile AL (66-77), New Orleans (211)-285-289
 364. 1896 -- Smallpox, esp. New Orleans/238, Shreveport LA/11, Detroit/11, Dayton (8)-- 279
 365. 1754 -- Typhoid Fever, Philadelphia, PA -- 273
 366. 1869 -- Smallpox, Cincinnati, OH (231), Michigan (42) -- 273
 367. 1909 -- Polio (Acute), IN, KS, MN, MT, ND, OR, especially MA and NE -- 266
 368. 1741 -- Yellow Fever Epidemic, Boston MA and especially Philadelphia PA -- 265
 369. 1877 -- Aug-Nov, Yellow Fever, esp. Enterprise/112, Fernandina/94, St. Augustine/50, FL--263
 370. 1749 -- Dysentery Epidemics, CT, esp. Waterbury (130) Woodbury (57), CT --252-262
 371. 1763--Aug-Feb 1774, Yellow Fever, Indians, Nantucket Isl., & Martha’s Vineyard, MA²³³200-261
 372. 1958 -- Polio (Acute), especially late Summer and Fall, especially children -- 255

²³⁰ This is a subset of 2,125 U.S. influenza deaths for the 2009-2010 H1N1 Flu Pandemic.

²³¹ Cofitachequi is the name the Spaniards of Hernando de Soto’s expedition gave to these natives. Some speculate they could have been Catawban. (Holleman, Joey. “The lost tribe of South Carolina.” *The State*, 7-5-2009.)

²³² We derive “hundreds” from accounts which note high mortality in Native populations in SC and NC, but do not note an estimated mortality range. Whatever the number, it would be in addition to the 200-300 for Charleston.

²³³ The Nantucket Island Native American population was decimated, only a small percentage survived.

373.	1811 -- Oct-Apr 1812, Smallpox, New York City (117); Baltimore, MD (135)	-- 252
374.	1869 -- Scarlet Fever, especially children, MI	-- 252
375.	1711-12 -- Winter (within two months), "Malignant Distemper" (Influenza?), CT	-- 250
376.	1742 -- Smallpox Outbreak in New York, NY	-- 250
377.	1885 -- Typhoid Fever Epidemic, Plymouth, PA (114) & Washington, DC (124)	-- 238
378.	1818 -- Yellow Fever epidemics, esp. Charleston SC (115); New Orleans, LA (115)	-- 234
379.	1822 -- Summer, "Bilious ["Intermittent"] Fever" Epidemic, Louisville, KY ²³⁴	--140-232
380.	1877 -- Diphtheria, Hudson County, NJ	-- 231
381.	1960 -- Polio (Acute), especially late Summer and Fall, especially children	-- 230
382.	1882 -- Jan 1-26, Scarlet Fever Outbreak, NY, NJ	-- 227
383.	1756 -- Epidemics, esp. Dysentery; Mass. Bay Col., esp. Rutland/60, Lancaster/42, MA	>225
384.	1957 -- Polio, especially late Summer and Fall, especially children	-- 221
385.	1732 -- May-Oct, Yellow Fever outbreaks, Charleston SC (130-150), NYC (70)	--200-220
386.	1898 -- Smallpox Epidemic, Moqui Indians, AZ	-- 220
387.	1743 -- July 25-Oct, Yellow Fever Epidemic, New York City, NY	-- 217
388.	1877 -- Scarlet Fever, Hudson County, NJ	-- 213
389.	1866 -- Aug-Nov (esp.), Yellow Fever Outbreaks, especially New Orleans, LA (185)	-- 211
390.	1808 -- Year, Smallpox, Philadelphia, PA, New York City, NY	-- 207
391.	1791 -- Yellow Fever Epidemic, New York City, NY	-- 200
392.	1847 -- Measles Epidemic, Fall, Cayuse Indians, Southwestern WA	-- >200
393.	1863 -- Yellow Fever Outbreak, Pensacola, FL	-- 200
394.	1892 -- Typhus Fever, NYC, NY	-- 200
395.	1951 -- Year, Tuberculosis, CO	-- 200
396.	1955 -- Polio Epidemic, Boston, MA	-- ~200

DISEASES, select communicable/infectious, especially epidemics -- **By Mortality** Cont.

397.	1804 -- Smallpox Outbreak, New York City, NY	--169-199
398.	1804 -- Yellow Fever Epidemics, NOLA, Brooklyn, NY & especially Charleston, SC	--198
399.	1882 -- Yellow Fever, Aug-Nov, Pensacola, FL	-- 198
400.	1827 -- Yellow Fever, esp. Charleston, SC (64) & New Orleans (109) epidemics	-- ≥195
401.	1893 -- Typhoid, Washington, DC	-- 186
402.	1876 -- Scarlet Fever, Hudson County, NJ	-- 183
403.	1892 -- Typhoid, Washington, DC	-- 183
404.	1918 -- Jun-Nov, Polio Outbreak, IA, IL, IN, MN, PA, WI, esp. Staten Island, NY	-- ~180
405.	1816 -- Smallpox, New York City, NY	-- 179
406.	1878 -- Diphtheria, Hudson County, NJ	-- 177
407.	1763, Dec-July 1764 -- Smallpox Epidemic, Boston (170) & Cambridge (6), MA col.	-- 176
408.	1898 -- Aug 23-Nov 18, Yellow Fever, LA, especially New Orleans (57); MS (80)	--175
409.	1830 -- July-Fall, Yellow Fever, Charleston SC (39) & especially New Orleans (132)	-- 172
410.	2012 -- Sep-Jan 2013, Pediatric Influenza season mortality, multiple States	-- 171
411.	1889 -- Typhoid Fever, Washington, DC	-- 170
412.	1807 -- Yellow Fever Epidemic, especially Charleston, SC	-- 169

²³⁴ Have chosen to list separately from Yellow Fever entry for 1822 in that it was referred to as Bilious Fever and in that it was not included in books and reports which discussed yellow fever in 1822 by George Augustin, J.M. Keating, John Monette, George M. Sternberg (U.S. Public Health Service), and the U. S. Marine-Hospital Service.

413. 1888 -- Typhoid Fever, Washington, DC -- 168
 414. 1858 -- Diphtheria, April-Fall, Albany, NY -- 167
 415. 1846 -- Yellow Fever epidemic, New Orleans, LA (146-160); also Mobile AL (4)--151-165
 416. 1797 -- Sum-fall, Dysentery, esp. Nantucket Isl. (100), Westport, MA (30); Hanover NH (24)-163
 417. 1823 -- Smallpox, Epidemic, Philadelphia, PA -- 160
 418. 1895 -- Smallpox Outbreak, Feb 1-Jun 21 esp. Hot Springs AR, Chicago, Cincinnati-- 160
 419. 1736 -- Smallpox Epidemic, Philadelphia, PA -- 158
 420. 1795 -- Dysentery epidemics, esp. Branford/East Haven/New Haven, CT/96, Norwich VT/60-->156
 421. 1801 -- Yellow Fever Epidemic, Queensborough, NYC, NY -- 156
 422. 2003-04 -- Pediatric Influenza-Associated Deaths reported from 40 States -- 153
 423. 1920 -- Mumps, 33 registration states -- 152
 424. 1847 -- Smallpox, Modoc Native Americans, Southwestern Oregon -- >150
 425. 1767-70-- Diphtheria epidemic (12% of population, mostly children), Oxford, MA--96-144
 426. 1834 -- Yellow Fever Epidemic, New Orleans (≥ 95), LA; Charleston (49), SC -- 144
 427. 1872 -- Measles Epidemic, Philadelphia, PA -- 143
 428. 1747 -- "Throat Distemper (Diphtheria), MA (≥ 89) and Kensington, NH (48-52)- 137-->141
 429. 1798 -- Sum-fall, Dysentery, VT, esp. Norwich/Pomfret/Salem/Sandgate, Shays' Stlmt., VT-->141
 430. 1879 -- Smallpox, San Antonio, TX; also to lesser extent NYC, NY -- 141

DISEASES, select communicable/infectious, especially epidemics -- **By Mortality** Cont.

431. 1802 --~Aug-Nov 2, Dysentery, esp. Greenfield & Shelburne MA (92), Bridport VT/16--137
 432. 1911 -- Smallpox, 29 reporting States and the District of Columbia -- 134
 433. 1909 -- Smallpox, 29 reporting States and the District of Columbia -- 132
 434. 1728 -- Late Summer to Fall, Yellow Fever, Charleston, SC -- <130
 435. 1796 -- Dysentery, VT, MA, esp. Sheffield/mill ponds area, MA & Worcester MA- ≥ 113 -129
 436. 1899 -- July-Dec, Yellow Fever, esp. Key West/68 Miami/14; New Orleans/23; MS, VA--126
 437. 1765 -- Yellow Fever Epidemic, Pensacola, FL -- 125
 438. 1886 -- Typhoid Fever, Washington, DC -- 125
 439. 1907 -- Summer-Autumn (Sep peak), Polio Epidemic, NY, esp. greater NYC --100-125
 440. 1867 -- Smallpox, Jan-Dec., Chicago, IL -- 123
 441. 1894 -- Scarlet Fever Outbreak, Jan 20-Jun 16, Brooklyn & New York City, NY -- 123
 442. 1879 -- Diphtheria, Hudson County, NJ -- 120
 443. 1882 -- Typhoid Fever, Washington, DC -- 120
 444. 1751 -- Dysentery Epidemic, Canaan (~10), Hartford (64) and New Haven (45), CT --~119
 445. 1732 -- Smallpox, esp. Cheshire CT (~18) and Albany (68) & Kingston (22), NY--104-118
 446. 1887 -- Typhoid Fever, Washington, DC -- 116
 447. 1906 -- Scarlet Fever, Week of Dec 21, Chicago, IL -- 115
 448. 2010 -- Sep-Aug 2011, Pediatric Influenza-Associated Deaths, 33 States -- 115
 449. 1735 -- Aug-July, 1736 -- Scarlet Fever Outbreak, Boston, MA --100-114
 450. 1800 -- Sum., Dysentery outbreak, esp. children, esp. Frankestown & Hanover NH--103-113
 451. 1900-04 -- Bubonic Plague "Epidemic," May-Feb, San Francisco, CA -- 113
 452. 1749-50 -- "Throat Distemper" (Diphtheria), MA, esp. Tewksbury (≥ 38) -->106-112
 453. 1778 -- Late Sum-Fall, Dysentery, esp. Dunstable, Lexington, Medford, Tewksbury, MA-111
 454. 2013-14 -- Pediatric Influenza Season Mortality, Multiple States -- 111
 455. 1713 -- Oct-1714, Measles Epidemic, Boston (100) MA (also CT, RI, NY, NJ, NH, PA)->109

456. 1769 -- Aug-Sep, Flux (Dysentery) and Fever Outbreak, esp. children, Boston, MA -- ~108
 457. 1811 -- “Spotted Fever” (Meningitis), NH (≥ 10) & VT, esp. Woodstock (60-70), VT- 103-108
 458. 1990 -- Measles Resurgence (largest loss of life since 1971), esp. young children --79-108
 459. 1875 -- Whooping Cough, MI -- 101
 460. 1894 -- Whooping Cough Outbreak, Feb 4-10, New York City, NY -- 101
 461. 1647 -- Influenza, CT (~40-50) and MA (~40-50) Natives and other colonies (?) -- ≥ 100
 462. 1758-59 -- Measles Epidemic, Philadelphia, PA (cases also in MA ME NJ SC VA) -- >100
 463. 1762 -- Aug-Nov,²³⁵ Yellow Fever, Philadelphia, PA ---100?
 464. 1763 -- Smallpox Epidemic, Native Americans, CA -- >100
 465. 1814-15 -- Wtr., “Putrid Sore Throat”? epidemic, eastern VA, esp. Northern Neck VA-- >100
 466. 1852 -- Smallpox outbreak, Native Americans, Nevada City vicinity, CA -- ~100
 467. 1853 -- Typhoid outbreak, Native Americans, Nevada City vicinity, CA -- ~100

DISEASES, select communicable/infectious, especially epidemics -- **By Mortality** Cont.

468. 1895 -- Diphtheria, Jan-Jun, esp. Boston, Brooklyn, New York -- 99
 469. 1875 -- Yellow Fever Outbreak, Key West, FL & Pascagoula, MS -- 98
 470. 1742 -- Aug-Jan 1743 (esp.), “Throat Ail” (Diphtheria), Greenland & esp. Stratham, NH-- 97
 471. 1792 -- Yellow Fever Epidemic, Charleston, SC -- <96
 472. 1871 -- May 1-Dec, Smallpox, Newark, Essex County, NJ -- ~96
 473. 1855 -- Cholera, Sep 05, aboard Steamship *Sierra Nevada*, leaving NY -- 95
 474. 1883 -- Typhoid Fever, Washington, DC -- 92
 475. 1961 -- Polio (Acute), especially late Summer and Fall, especially children -- 90
 476. 1888 -- Measles Epidemic, Omaha Nation, Nebraska Territory -- 87
 477. 1908 -- Summer-Fall, Polio outbreak, IA, MA, MI, MN (13), VA, esp. WI (61) -- 87
 478. 1727 -- Sum. esp., Typhoid fever-like epidemic Norwich (~40) & Woodbury (≥ 44), CT-- ≥ 84
 479. 1747 -- Measles Epidemic, Philadelphia, PA (cases noted also in CT, NH, NY, SC) -- 84
 480. 1808 -- Yellow Fever Epidemic, Sep 5-Oct, St. Mary’s, GA -- 84
 481. 2007-08 -- Pediatric Influenza deaths reported to the CDC, multiple States -- 83
 482. 1803 -- Sum.-fall, Dysentery, MA & VT, especially, Stowe and Stockbridge, VT (50)-- ≥ 82
 483. 1745 -- Malignant Dysentery Epidemics, Shrewsbury, MA, esp. Stamford (one st.), CT-- ≥ 80
 484. 1907 -- Bubonic Plague “Epidemic,” San Francisco, CA -- 78
 485. 1776 -- Dysentery Epidemics, NY (especially northern NY), MA and NJ -- ≥ 76
 486. 1794 -- Scarlet Fever, Bolton, Lebanon, East Haven, etc., and esp. New Haven (52) CT- ≥ 76
 487. 1874 -- Measles Epidemic, Omaha Nation, Nebraska Territory -- 76
 488. 1884 -- Typhoid, Washington, DC -- 76
 489. 2006-07 -- Pediatric Influenza deaths reported to the CDC, multiple States -- 76
 490. 1848 -- Scarlet Fever Outbreak, Mobile, AL -- 75
 491. 1883 -- Yellow Fever Outbreaks, Aug 05-Nov 6, Brewton, AL, FL -- 74
 492. 1753 -- “Throat Distemper (Diphtheria), Exeter, Stratham and Rye, NH -- ~72
 493. 1795 -- “Throat Distemper” (Diphtheria), Royalston (66) and Rutland (5) MA -- 71
 494. 1697-98 -- ~Nov 1697--~Feb 1698 (3 mo.), “mortal disease” (influenza?), Fairfield, CT--70
 495. 1889 -- Jan-Feb, Cerebro-spinal Meningitis Epidemic, Webster County, KY --50-70
 496. 2008-09 -- Pediatric Influenza deaths reported to the CDC from 24 States & NYC²³⁶-- 67

²³⁵ Redman has the outbreak from Aug-Oct. Rush has it from Aug-Dec. We compromise between the two in that the mosquitoes which are the vector are generally killed off, or go into hibernation, with the first good frost.

497.	1607 -- July-Dec, Disease and Famine, Jamestown Colony, VA ²³⁷	-- 66
498.	1706 -- Aug-Oct especially, Yellow Fever Epidemic, Charleston, SC	-- ~65
499.	1895 -- Mid-Aug-Oct 3, Cholera Epidemic, Honolulu, HI	--63-65
500.	1746 -- Dysentery (“Fever & Flux”) Epidemics, esp. Harvard/37, Westborough/25 MA--	≥62
501.	1989 -- Measles, CDC reports 17,850 cases in 47 States and DC	--45-62
502.	1893 -- Yellow Fever, Sep, Fort Bayou, AL, FL, Brunswick, GA	-- 61
503.	1899 -- Dec 11-March 31, 1900 -- Bubonic (Black) Plague (Asian ship), Honolulu, HI--	61
504.	1742 -- Aug-Summer 1743, Dysentery outbreak, East Haven (population ~500), CT--	43-60
505.	1768 -- Fall-Winter (two months), Smallpox, especially children, Reading, PA	-- >60
506.	1804 -- Summer-Fall (2 month period), Dysentery (especially children), Orwell VT--	60
507.	1871 -- Smallpox Outbreak, Nov-Dec, Chicago, IL	-- 60
508.	1962 -- Polio (Acute), especially children	-- 60

DISEASES, select communicable/infectious, especially epidemics -- **By Mortality** Cont.

509.	1810-11 -- “Canker Rash” (Diphtheria or Scarlet Fever), ²³⁸ children, Winchendon, MA--	59
510.	1964 -- June 27-Oct 3, St. Louis Encephalitis Epidemic, Houston/33; elsewhere/24 ²³⁹ --	57
511.	1877 -- Smallpox, Cincinnati, OH	-- 56
512.	1917 -- Pneumonia, Dec 21, NYC, NY	-- 56
513.	1901 -- Grip (Influenza) Epidemic, Jan 1-12, St. Louis, MO	-- 54
514.	1754-55 -- Jan ‘54-July ‘55, “Throat Distemper” (Diphtheria), esp. children, Hampton NH--	51
515.	1872 -- July 11-Nov 19, Yellow Fever, New Orleans, LA/~40; Galveston, TX/10	--50-51
516.	1666 -- Smallpox, (Population of Colony about 4,000), Boston, MA	--40-50
517.	1676 -- Aug-Sep, Bloody Flux (Dysentery) Mass. Bay Colony, especially Boston ²⁴⁰ --	50
518.	1805 -- Sep-Oct (esp.), Dysentery, esp. Ashburnham/9, Beverly/24, Cambridge/9, MA--	50
519.	1849 -- Scarlet Fever Outbreak, Mobile, AL	-- 50
520.	1889 -- Measles Epidemic, Omaha Nation, Nebraska	-- 50
521.	1715 -- Measles, New London, CT (9); “malignant disease,” Plymouth, MA (40)	-- 49
522.	1821 -- Aug, Smallpox, Baltimore, MD	-- 47
523.	2004-05 -- Pediatric Influenza deaths reported to the CDC, multiple States	-- 47
524.	2005-06 -- Pediatric Influenza deaths reported to the CDC, multiple States	-- 46
525.	1746 -- Aug-frost (probably Oct), Yellow Fever or Typhoid epidemic, Albany, NY ²⁴¹ --	45
526.	1747 -- June 29- frost (probably Oct), Yellow Fever, Philadelphia, PA	-- >43
527.	1753-54--Dec-Jan (2 mo.), unknown epidemic fever, Holliston (pop. ~80 families), MA--	43
528.	1963 -- Polio (Acute), especially children	-- 41
529.	1770-71 -- Winter, Influenza Epidemic “took scores of lives,” Philadelphia, PA	-- ≥40
530.	1852 -- Nov/Dec, Unknown epidemic, Natives, Hock Farm, Sutter County, CA ²⁴²	-- 40

²³⁶ Sep 28, 2008-April 18, 2009 influenza season.

²³⁷ Cross-listed in Starvation. The sources utilized do not breakout starvation/famine from disease deaths.

²³⁸ “Canker rash” was a term used to describe both what was later referred to as scarlet fever and diphtheria. There were similar and dissimilar symptoms. Thus without detailed descriptions at the time it is not clear which disease.

²³⁹ Some non-Houston deaths, such as some of five in Hale County, TX, area may have been Western Encephalitis. Two deaths in CO, 3 in IL, 2 deaths for IN, 1 in KY, 8 in NJ, 2 in PA, and 1 in TN.

²⁴⁰ Fifty deaths in August (Increase Mather). Was also reported still deadly in September but we have no numbers.

²⁴¹ Sources consulted then and since (five), disagree as to yellow fever or typhoid. Cross-listing in both sub-sets.

531. 1853 -- Pneumonia outbreak, Native Americans, near Cherokee, Butte County, CA -- 40

DISEASES, select communicable/infectious, especially epidemics -- **By Mortality** Cont.

532. 1739 -- Yellow Fever, “severe” extensive, “raged...violently,” Charleston, SC²⁴³ --Dozens
533. 1745 -- June-Nov, Yellow Fever, New York City and especially Charleston, SC²⁴⁴--Dozens
534. 1795 -- Scarlett Fever, at least 16 MA towns, esp. Beverly/19, Sterling/8, Topsfield/11-≥39
535. 1991 -- Jan-Dec, Measles resurgence, especially CA (8); NY (15); and PA (9) -- 38
536. 1770 -- “Chin” (Whooping) Cough epidemic esp. children, Salem (pop. ~5,000), MA-- 37
537. 1924 -- Oct-Nov esp. Pneumonic and Bubonic Plague Epidemic, Los Angeles, CA --35-37
538. 2011-12 – Pediatric Influenza-Associated Mortality, multiple States -- 37
539. 1732 -- Oct, Influenza outbreak, New England, NY, Philadelphia, esp. Ipswich MA/17--≥36
540. 1880 -- Yellow Fever Outbreak, July 16, beginning, Jacksonville, FL -- 34
541. 1976 -- July, “Legionnaires’ Disease” Strikes in Philadelphia, PA -- 34
542. 1748 -- Mid-Aug to mid- Oct, Yellow Fever outbreak, Charleston, SC -- ≥33
543. 1917-18 -- Oct 10-March 8, ’18, Smallpox Epidemic, Eagle Pass, Maverick Co., TX-- 33
544. 1712-13 -- Oct 1712-Sep 1713, “Malignant Distemper,” Waterbury, CT --21-30
545. 1767 -- Late summer, Epidemic (Dysentery?), New York City, NY²⁴⁵ -- ≥30
546. 1799 -- Sum-Fall, Dysentery, especially children, Hanover and adjacent towns, NH --20-30
547. 1863 -- Malaria (probably), Maidu Natives, Pence’s Ranch, Butte County, CA²⁴⁶ -- 30
548. 1753 -- Late Sum-Fall (~2 mo.), Dysentery (“Camp Distemper”), esp. Norwich, CT -- 28
549. 1879 -- July-mid to early Aug, Cholera-like Epidemic, Center Point and Walker, IA --24-28
550. 1739 -- June-July 19, Smallpox, Newport and nearby vicinity, RI --23-27
551. 1814 -- Summer-Fall, Epidemic Fever (referred to as Typhus), Wardsborough, VT --23-26
552. 1736 -- July-Nov, Epidemic (scarlet fever or diphtheria?), esp. children, Marblehead MA--~25
553. 1793 -- Scarlet Fever, New England (esp. CT), New Jersey, New York, Philadelphia-- ≥25
554. 1840 -- Yellow Fever Outbreak, Charleston, SC (22), New Orleans (3) -- 25
555. 1883 -- Sep-Oct, Diphtheria, Orange County, NC -- 22
556. 1745 -- “Throat Distemper” (Diphtheria), Hampton & especially Kensington/16, NH-- 21
557. 1726 -- Summer, unknown Typhoid Fever-like Epidemic, Newent Parish, Norwich, CT~20
558. 1741 -- Pre-April, “Long” or “Lung” Fever,” Sutton, MA (19), New London, CT (?)-- ≥19
559. 1893 -- Smallpox Outbreak, Feb-Dec, Reading, Berks County, PA -- 18
560. 1894 -- The Year, Poliomyelitis Epidemic, VE, especially Rutland & Wallingford -- 18
561. 1832 -- Scarlet Fever, Jun 16-22, Binghamton, NYC, Oneonta, Yonkers -- 17

²⁴² Our use of Nov/Dec in the dating is speculative. The source is the Sacramento *Union* of Dec. 13 and 17, 1852, noting fatalities during one month at John Augustus Sutter’s Hock Farm.

²⁴³ The closest we have seen to a fatality estimate is Duffy’s note that it “was not quite as bad as the previous one [yellow fever epidemic] in 1732.” In that year between 130 and 150 people are estimated to have died from yellow fever in Charleston. (Duffy, John. *Epidemics in Colonial America*. Baton Rouge: LSU Press, 1953, 1979, p. 152.)

²⁴⁴ Cannot find number of reported deaths, but a Census of Charleston for the year 1848 compares the fatality of 145 to that of 1732, wherein 130-150 people died from yellow fever.

²⁴⁵ Our number. Source notes “fifteen deaths were reported daily” during an epidemic (dysentery section of a paper).

²⁴⁶ Deaths in a three-week period (Aug 30, 1863 Marysville, CA *Appeal* report). Cook (1976, p. 275) estimates that “at least 100 must have perished” in an extended time-frame. “undoubtedly” from malaria.

562. 1776 -- "Throat Ail" (Diphtheria?), especially children, Athol, MA -- 16
 563. 1851 -- Yellow Fever Outbreak, New Orleans, LA -- 16
 564. 1993 -- May esp., Hantavirus Pulmonary Syndrome, esp. Native Americans, NM/AZ --13-16
 565. 1764 -- "Throat Distemper" (Diphtheria), especially children, Westminster, MA -- 15
 566. 1804 -- "Canker Rash" (Scarlet Fever), 40 cases, Reading, Windsor County, VT -- 15
 567. 1854 -- Late March through early April (esp.) Smallpox epidemic, Jacksonville, FL -- ≥ 15
 568. 1756 -- Summer, Diphtheria epidemic, children, Saco, ME -- 14
 569. 1764 -- Jan 20-30, "Nervous Pleuritic Disorder" (respiratory infection), Newport, RI²⁴⁷ --14
 570. 1737-38 -- Dec-Jan 1738, Smallpox, esp. Chilmark & Edgartown, Martha's Vineyard, MA-12
 571. 1854 -- Late March through early April (esp.) Scarlet Fever outbreak, Jacksonville, FL- ≤ 12
 572. 2015 -- July-mid Aug, Legionnaires' Disease, South Bronx, New York City, NY -- 12
 573. 1980 -- Measles -- 11
 574. 1992 -- Year, Measles, especially young children -- 3-11

DISEASES, select communicable/infectious, especially epidemics -- **By Mortality** Cont.

575. 1668 -- Yellow Fever Outbreak, New York, NY -- > 10
 576. 1711-12 -- Winter, Disease (smallpox/pestilential fever/pleurisies/flux), Charleston SC ≥ 10
 577. 1715 -- Smallpox, NY and NJ colonies, esp. Burlington and Perth Amboy, NJ -- ≥ 10
 578. 1755 -- Early Fall, Diphtheria, New Casco, ME -- 10
 579. 1759 -- Measles ("many...in a short space of time; not a house exempt..."), Fairfield, NJ-- > 10 ?
 580. 1763 -- Winter, Throat Distemper Epidemic (Diphtheria), Philadelphia, PA -- > 10
 581. 1769 -- Throat Distemper (diphtheria), especially children, New York City, NY -- > 10
 582. 1771 -- May-July, Scarlet Fever (especially children), Duxbury, MA -- ≥ 10
 583. 1801 -- Oct (1st week), Dysentery (3-4 children a day), Salem, MA -- ≥ 10

Other

- 1985 -- Measles, AZ (1); IL (1); ME (1); MA (1) -- 4
 1988 -- Measles, LA County, CA/1 Palm Beach Co., FL/1 Palm Beach Co., OR/1 -- 3

²⁴⁷ We place this in the "Influenza" sub-type below in that both sources used thought this was probably influenza.

DISEASES, select communicable/infectious, especially Epidemics -- Chronological

1. 1492-1800 – North American Native American Population Decline, esp. disease--~2,800,000
2. 1538-39 -- Unknown epidemic, “Cofitachequi”²⁴⁸ Natives, central SC --Hundreds
3. 1585, June-June 1586 -- Disease, Natives visited by English from Roanoke Colony, NC ≥ 360
4. 1586 -- Passamaquoddy Natives “Devastated” by Typhus Epidemic, Maine --Hundreds?
5. 1607 -- July-Dec, Disease and Famine/Starvation, Jamestown Colony, VA²⁴⁹ -- 66
6. 1616 -- Unknown Epidemic Disease, Natives, especially ~coasts of MA, ME, RI--Thousands
7. 1633-34 -- Smallpox Epidemic, New England Natives, Plymouth Colonists, MA -->1,000
8. 1634-35 -- Smallpox Epidemic, Five Nations, especially Mohawks, Upper NY²⁵⁰ $\geq 2,000$
9. 1736 -- July-Nov, Epidemic (scarlet fever or diphtheria?), esp. children, Marblehead MA--~25
10. 1647 -- Influenza, CT (~40-50) and MA (~40-50) Natives and other colonies (?) -- ≥ 100
11. 1659 -- Measles Epidemic, Native Americans, FL --10,000
12. 1663 -- Smallpox, Fort Orange, NY and Northern “NY” Native American Tribes --1,000
13. 1666 -- Smallpox, (Population of colony about 4,000), Boston, MA --40-50
14. 1667 -- Smallpox Epidemic, Native Americans, VA, especially eastern shore VA -- ≥ 300
15. 1676 -- Aug-Sep, Bloody Flux (Dysentery) Mass. Bay Colony, especially Boston²⁵¹ -- 50
16. 1677-78 -- Smallpox Epidemic, Massachusetts Bay Colony, esp. Boston & vic. --750-1,000
17. 1668 -- Yellow Fever Outbreak, New York, NY -- >10
18. 1689-90 -- Smallpox, New England and NY, settlers and natives -- ≥ 820 -1,500
19. 1690 -- Spring-Fall, Smallpox, Iroquois Native Americans, esp. upper New York --~300-500
20. 1693 -- June 17 start, Yellow Fever, Boston, arrival of British fleet from Martinique²⁵²-3,100
21. 1697-98 -- ~Nov 1697--~Feb 1698 (3 mo.), “mortal disease” (influenza?), Fairfield, CT-- 70
22. 1697-98--Smallpox, Charleston, SC (pop. $\geq 5,000$); (plus hundreds Native Americans)²⁵³-200-300
23. 1699 -- Yellow Fever Epidemics, Charleston, SC (170-311); Philadelphia (220) --390-531
24. 1702 -- Summer (late) to early Spring 1703, Smallpox Epidemic, Boston, MA --302-313

²⁴⁸ Cofitachequi is the name the Spaniards of Hernando de Soto’s expedition gave to these natives. Some speculate they could have been Catawban. (Holleman, Joey. “The lost tribe of South Carolina.” *The State*, 7-5-2009.)

²⁴⁹ Cross-listed in Starvation. The sources utilized do not breakout starvation/famine from disease deaths.

²⁵⁰ We assume that if, as reported, thousands died, then at least 2,000 must have died.

²⁵¹ Fifty deaths in August (Increase Mather). Was also reported still deadly in September but we have no numbers.

²⁵² First account of yellow fever in current U.S. Number is of sailor/soldier yellow fever deaths. We do not know number who were American, or how many Boston area residents died when the disease communicated to the town.

²⁵³ We derive “hundreds” from accounts which note high mortality in Native populations in SC and NC, but do not note an estimated mortality range. Whatever the number, it would be in addition to the 200-300 for Charleston.

25. 1702 -- Summer to late Fall, Yellow Fever Epidemic, New York City, NY --500-570
 26. 1706 -- Aug-Oct especially, Yellow Fever Epidemic, Charleston, SC -- ~65
 27. 1709-10 -- Smallpox Epidemic, Native Americans, lower CA -->2,000

DISEASES, select communicable/infectious, especially Epidemics -- **Chronological** -- cont.

28. 1711-12 -- Winter (within two months), “Malignant Distemper” (Influenza?), CT -- 250
 29. 1711-12 -- Winter, Disease (smallpox/pestilential fever/pleurisies/flux), Charleston SC-- >10
 30. 1712-13 -- Oct 1712-Sep 1713, “Malignant Distemper,” Waterbury, CT --21-30
 31. 1713-14 -- Oct-1714, Measles Epidemic, Boston (100) MA (also CT, RI, NY, NJ, NH, PA)-->109
 32. 1715 -- Measles, New London, CT (9); “malignant disease,” Plymouth, MA (40) -- 49
 33. 1715 -- Smallpox, NY and NJ colonies, esp. Burlington and Perth Amboy, NJ -- ≥10
34. 1721 -- May-Apr 1722, Smallpox, Mass. Bay Colony, esp. Boston & Charlestown--957-1004
 35. 1726 -- Summer, unknown Typhoid Fever-like Epidemic, Newent Parish, Norwich, CT-- ~20
 36. 1727 -- Sum. esp., Typhoid fever-like epidemic Norwich (~40) & Woodbury (≥44), CT-- ≥84
 37. 1728 -- Late Summer to Fall, Yellow Fever, Charleston, SC -- <130
38. 1730 -- Smallpox Epidemic, Massachusetts Bay Colony, especially Boston -->502
 39. 1731 -- Smallpox Epidemics, New York City (548-700) and Philadelphia (288) --836-988
 40. 1732 -- Oct, Influenza outbreak, New England, NY, Philadelphia, esp. Ipswich MA/17-- ≥36
 41. 1732 -- Smallpox, esp. Cheshire CT (~18) and Albany (68) & Kingston (22), NY --104-118
 42. 1732 -- May-Oct, Yellow Fever outbreaks, Charleston SC (130-150), NYC (70) --200-220
 43. 1735-41 (esp. 1735-37) -- “Throat Distemper” (Diphtheria),²⁵⁴ esp. CT/ME/MA/NH --5,000
 44. 1735-36 -- Aug 1735-July, 1736, Scarlet Fever Outbreak, Boston, MA --100-114
 45. 1736 -- Smallpox Epidemic, Philadelphia, PA -- 158
 46. 1737-38 -- Dec-Jan ‘38 -- Smallpox, esp. Chilmark & Edgartown, Martha’s Vineyard, MA-- 12
 47. 1738 -- Smallpox Epidemic, Charleston, SC -- 311
 48. 1739 -- June-July 19, Smallpox, Newport and nearby vicinity, RI --23-27
 49. 1738-39 -- Smallpox, Catawba (NC/SC) and Cherokee Natives (NC) --7,700-11,700
 50. 1739 -- Yellow Fever, “severe” extensive, “raged...violently,” Charleston, SC²⁵⁵ --Dozens
51. 1741 -- Pre-April, “Long” or “Lung” Fever,” Sutton, MA (19), New London, CT (?) -- ≥19
 52. 1741 -- Sum.-Fall, Yellow Fever Epidemic, Boston, MA and esp. Philadelphia, PA -- 265
 53. 1742 -- Smallpox Outbreak in New York, NY -- 250
 54. 1742 -- Aug-Jan 1743 (esp.), “Throat Ail” (Diphtheria), Greenland & esp. Stratham, NH-- 97
 55. 1742 -- Aug-Summer 1743, Dysentery outbreak, East Haven (population ~500), CT --43-60
 56. 1743 -- July 25-Oct, Yellow Fever Epidemic, New York City, NY -- 217
 57. 1745 -- “Throat Distemper” (Diphtheria), Hampton and especially Kensington/16, NH-- 21
 58. 1745 -- Malignant Dysentery Epidemics, Shrewsbury, MA, esp. Stamford (one st.), CT-- ≥80
 59. 1745 -- June-Nov, Yellow Fever, New York City and especially Charleston, SC²⁵⁶ --Dozens

²⁵⁴ Referred to as throat distemper, and other names at the time, descriptions point to what was later named diphtheria. Scarlet fever occurred as well, with deaths, but sources indicate the major epidemic was diphtheria.

²⁵⁵ The closest we have seen to a fatality estimate is Duffy’s note that it “was not quite as bad as the previous one [yellow fever epidemic] in 1732.” In that year between 130 and 150 people are estimated to have died from yellow fever in Charleston. (Duffy, John. *Epidemics in Colonial America*. Baton Rouge: LSU Press, 1953, 1979, p. 152.)

60. 1746 -- Dysentery (“Fever & Flux”) Epidemics, esp. Harvard/37, Westborough/25 MA -- ≥ 62
 61. 1746 -- Aug-frost (probably Oct), Yellow Fever or Typhoid epidemic, Albany, NY²⁵⁷-- 45
 62. 1747 -- “Throat Distemper (Diphtheria), MA (≥ 89) and Kensington, NH (48-52) --137- ≥ 141
 63. 1747 -- Measles Epidemic, Philadelphia, PA (cases noted also in CT, NH, NY, SC) -- 84
 64. 1747 -- June 29- frost (probably Oct), Yellow Fever, Philadelphia, PA -- >43
 65. 1748 -- Mid-Aug to mid- Oct, Yellow Fever outbreak, Charleston, SC -- ≥ 33
 66. 1749 -- Dysentery Epidemics, CT, esp. Waterbury (130) Woodbury (57), CT --252-262
 67. 1749-50 -- “Throat Distemper” (Diphtheria), MA, esp. Tewksbury (≥ 38) -- $\geq 106-112$

DISEASES, select communicable/infectious, especially Epidemics -- **Chronological** -- cont.

68. 1751 -- Dysentery Epidemic, Canaan (~10), Hartford (64) and New Haven (45), CT --~119
 69. 1751-52 -- “Throat Distemper” (Diphtheria), esp. Abington/Hingham/Weymouth, MA--240-290
 70. 1752 -- Early in year through at least Summer, Small-Pox Epidemic, Boston, MA --535-569
 71. 1753 -- “Throat Distemper (Diphtheria), Exeter, Stratham and Rye, NH -- ~72
 72. 1753 -- Late Summer-Fall (~2 mo.), Dysentery (“Camp Distemper”), esp. Norwich, CT-- 28
 73. 1753-54 -- Dec-Jan (2 mo.), unknown epidemic fever, Holliston (pop. ~80 families), MA--43
 74. 1754-55 -- Jan ‘54-July ‘55, “Throat Distemper” (Diphtheria), esp. children, Hampton NH-- 51
 75. 1754 -- Typhoid Fever, Philadelphia, PA -- 273
 76. 1755 -- Early Fall, Diphtheria, New Casco, ME -- 10
 77. 1756 -- Summer, Diphtheria epidemic, children, Saco, ME -- 14
 78. 1756 -- Epidemics, esp. Dysentery; Mass. Bay Col., esp. Rutland/60, Lancaster/42, MA -- >225
 79. 1756 -- Smallpox Epidemic, Philadelphia -- 900
 80. 1758-59 -- Measles Epidemic, Philadelphia, PA (cases also in MA ME NJ SC VA) -- >100
 81. 1759 -- Measles (“many...in a short space of time; not a house exempt...”), Fairfield NJ $\geq 10?$
 82. 1759 -- Smallpox Epidemic, Philadelphia -- 600
 83. 1759-60 -- Smallpox Epidemic, Catawba Nation, SC -- ~300
84. 1760 -- Smallpox Epidemic, Charleston SC (as well as undocumented Native deaths)-730-940
 85. 1760-61 -- Wtr.-Spring, Influenza Epidemic, esp. Natives, esp. CT, MA, ME, PA --hundreds
 86. 1762 -- Aug-Nov,²⁵⁸ Yellow Fever, Philadelphia, PA --~100?
 87. 1763 -- Smallpox Epidemic, Native Americans, CA -- >100
 88. 1763 -- Winter, Throat Distemper Epidemic (Diphtheria), Philadelphia, PA -- >10
 89. 1763-64 -- Aug-Feb, Yellow Fever, Indians, Nantucket Isl., & Martha’s Vineyard, MA²⁵⁹--200-261
 90. 1763-64 -- Dec-July -- Smallpox Epidemic, Boston (170) & Cambridge (6), MA colony--176
 91. 1764 -- “Throat Distemper” (Diphtheria), especially children, Westminster, MA -- 15
 92. 1764 -- Jan 20-30, “Nervous Pleuritic Disorder” (respiratory infection), Newport, RI²⁶⁰-- 14
 93. 1764-65 -- Smallpox, esp. Iroquois, Shawnee, Lenape, Creek, Choctaw, Chickasaw $>1,800$
 94. 1765 -- Yellow Fever Epidemic, Pensacola, FL -- 125
 95. 1767 -- Late summer, Epidemic (Dysentery?), New York City, NY²⁶¹ -- ≥ 30

²⁵⁶ Cannot find number of reported deaths, but a Census of Charleston for the year 1848 compares the fatality of 145 to that of 1732, wherein 130-150 people died from yellow fever.

²⁵⁷ Sources consulted then and since (five), disagree as to yellow fever or typhoid. Cross-listing in both sub-sets.

²⁵⁸ Redman has the outbreak from Aug-Oct. Rush has it from Aug-Dec. We compromise between the two in that the mosquitoes which are the vector are generally killed off, or go into hibernation, with the first good frost.

²⁵⁹ The Nantucket Island Native American population was decimated, only a small percentage survived.

²⁶⁰ We place this in the “Influenza” sub-type below in that both sources used thought this was probably influenza.

96. 1767-70-- Diphtheria epidemic (12% of population, mostly children), Oxford, MA --96-144
 97. 1768 -- Fall-Winter (two months), Smallpox, especially children, Reading, PA -- >60
 98. 1769 -- Throat Distemper (diphtheria), especially children, New York City, NY -- >10
 99. 1769 -- Aug-Sep, Flux (Dysentery) and Fever Outbreak, esp. children, Boston, MA -- ~108

DISEASES, select communicable/infectious, especially Epidemics -- **Chronological** -- cont.

100. 1770 -- “Chin” (Whooping) Cough epidemic esp. children, Salem (pop. ~5,000), MA-- 37
 101. 1770-71 -- Winter, Influenza Epidemic “took scores of lives,” Philadelphia, PA -- \geq 40
 102. 1771 -- May-July, Scarlet Fever (especially children), Duxbury, MA -- \geq 10
 103. 1772 -- Measles Epidemics, Charleston, SC (800-900), Philadelphia, PA (180) --980-1,080
 104. 1773 -- Smallpox Epidemic, Philadelphia (300), Marblehead (~3) & Salem (17), MA--~321
 105. 1775 -- Dysentery, DE, MD, NJ (\geq 10), but primarily CT (\geq 146) and MA (\geq 326) -- \geq 482
 106. 1775-82 -- Smallpox Epidemic, North America 84,000
 107. 1776 -- “Throat Ail” (Diphtheria?), especially children, Athol, MA -- 16
 108. 1776 -- Dysentery Epidemics, NY (especially northern NY), MA and NJ -- \geq 76
 109. 1777 -- Dysentery, CT, NJ, PA, VT, and especially MA (\geq 255) and NY (\geq 100) -- >416
 110. 1778 -- Late Sum-Fall, Dysentery, esp. Dunstable, Lexington, Medford, Tewksbury MA--111

 111. 1780-82 -- Smallpox Epidemic, Native Americans, Great Plains (see 1775-1782) -->32,000

 112. 1791 -- Yellow Fever Epidemic, New York City, NY -- 200
 113. 1792 -- Yellow Fever Epidemic, Charleston, SC -- <96
 114. 1793 -- Dysentery, Coventry, CT, Caroline Co., MD, esp. Georgetown DC & vic.-hundreds
 115. 1793 -- Influenza Epidemic, 5 counties, 4 weeks, VA -- 500
 116. 1793 -- Scarlet Fever, New England (esp. CT), New Jersey, New York, Philadelphia-- \geq 25
 117. 1793 -- Aug–Nov, Yellow Fever Epidemic, Philadelphia, PA --4,041-5,000
 118. 1794 -- Scarlet Fever, Bolton, Lebanon, East Haven, etc., and esp. New Haven (52) CT \geq 76
 119. 1794 -- Yellow Fever Epidemic -- 624
 120. 1795 -- “Throat Distemper” (Diphtheria), Royalston (66) and Rutland (5) MA -- 71
 121. 1795 -- Dysentery epidemics, esp. Branford/East Haven/New Haven, CT/96, Norwich VT/60 \geq 156
 122. 1795 -- Scarlett Fever, at least 16 MA towns, esp. Beverly/19, Sterling/8, Topsfield/11-- \geq 39
 123. 1795 -- July 19–Oct 12, Yellow Fever Epidemic, NY City, also Providence RI --745-800
 124. 1796 -- Scarlet Fever epidemic (esp. children), Marblehead, MA and esp. VT --681-846
 125. 1796 -- Yellow Fever, esp. Charleston, SC/300, New Orleans/250-400; Wilmington NC/150-836-986
 126. 1797 -- Sum-fall, Dysentery, esp. Nantucket Isl. (100), Westport MA (30); Hanover NH (24)-163
 127. 1797 -- Yellow Fever, New Design, MO, NYC, Philly, Providence, RI --2,502
 128. 1798 -- Sum-fall, Dysentery, VT, esp. Norwich/Pomfret/Salem/Sandgate, Shays’ Stlmt., VT \geq 141
 129. 1798 -- Yellow Fever Epidemic, East Coast Port Cities ~10,000
 130. 1799 -- Sum-Fall, Dysentery, especially children, Hanover and adjacent towns, NH --20-30
 131. 1799 -- Yellow Fever, esp. Charleston, SC, NYC, Philadelphia, *Delaware & Greene*-1,356

 132. 1800 -- Sum., Dysentery outbreak, esp. children, esp. Francestown & Hanover NH --103-113
 133. 1800 -- Yellow Fever, esp. Baltimore, Charleston SC, Norfolk, Providence RI-1,509-1,806
 134. 1801 -- Oct (1st week), Dysentery (3-4 children a day), Salem, MA -- \geq 10

²⁶¹ Our number. Source notes “fifteen deaths were reported daily” during an epidemic (dysentery section of a paper).

135. 1801-02 -- Smallpox, Native Americans, esp. Omaha, esp. Midwest, Northwest ~1,500
136. 1801 -- Yellow Fever Epidemic, Queensborough, NYC, NY -- 156
137. 1802 --~Aug-Nov 2, Dysentery, esp. Greenfield & Shelburne MA (92), Bridport VT/16--137
138. 1802 -- Yellow Fever, Wilmington DE, MD, MA, Philadelphia, NH, SC -- 561
139. 1803 -- Sum.-fall, Dysentery, MA & VT, especially, Stowe and Stockbridge, VT (50)--≥82
140. 1803 -- Yellow Fever Epidemic, July 18-Oct, Charleston SC, NY, VA, Philadelphia--1,403
141. 1804 -- “Canker Rash” (Scarlet Fever), 40 cases, Reading, Windsor County, VT -- 15
142. 1804 -- Epidemic, Possibly Cholera (or Typhoid or Plague) Natives, Oahu, Hawaii >3,000
143. 1804 -- Smallpox Outbreak, New York City, NY --169-199
144. 1804 -- Yellow Fever Epidemics, NOLA, Brooklyn, NY & especially Charleston, SC--198
145. 1804 -- Summer-Fall (2 month period), Dysentery (especially children), Orwell VT-- 60
146. 1805 -- Yellow Fever Epidemic, New York, Philadelphia, Providence, RI -- 750
147. 1805 -- Sep-Oct (esp.), Dysentery, esp. Ashburnham/9, Beverly/24, Cambridge/9, MA-- 50
148. 1807 -- Yellow Fever Epidemic, especially Charleston, SC -- 169
149. 1808 -- Year, Smallpox, Philadelphia, PA, New York City, NY -- 207
150. 1808 -- Yellow Fever Epidemic, Sep 5-Oct, St. Mary’s, GA -- 84
151. 1809 -- May-Feb 1810 -- Disease/Illness, U.S. Army, MS -- 656
152. 1809 -- Yellow Fever, esp. Brooklyn/NYC (42); New Orleans (civilian/military; ~800), LA-- 850

DISEASES, select communicable/infectious, especially Epidemics -- **Chronological** -- cont.

153. 1810-11 -- “Canker Rash” (Diphtheria or Scarlet Fever),²⁶² children, Winchendon, MA--59
154. 1811 -- “Spotted Fever” (Meningitis), NH (≥10) & VT, esp. Woodstock (60-70), VT- 103-108
155. 1811 -- Oct-Apr 1812, Smallpox, New York City (117); Baltimore, MD (135) -- 252
156. 1811 -- Yellow Fever Epidemic, New Orleans, LA -- >500
157. 1812 -- Feb-Apr, Spotted Fever/Meningitis, esp. Acworth & Antrim NH; Pomfret & Reading VT- 265-325
158. 1812 -- Oct-June 1813 (esp.), Peripneumony/Lung Fever (pneumonia), VT, esp. Burlington-4350-6400
159. 1814 -- Summer-Fall, Epidemic Fever (referred to as Typhus), Wardsborough, VT --23-26
160. 1814-15 -- Wtr., “Putrid Sore Throat”? epidemic, eastern VA, esp. Northern Neck VA-->100
161. 1815-16, Winter -- Smallpox Epidemic, Comanche Nation²⁶³ -->4,000
162. 1816 -- Smallpox, New York City, NY -- 179
163. 1817 -- June-Dec, Yellow Fever, esp. Charleston SC, Natchez MS, New Orleans-1208-1,233
164. 1818 -- Yellow Fever epidemics, esp. Charleston SC (115); New Orleans, LA (115)-- 234
165. 1819 -- Yellow Fever, esp. Charleston, Mobile, Natchez; most esp. New Orleans-2871-3019

166. 1820 -- May-Dec, Yellow Fever, Savannah GA/New Orleans/NYC/Philadelphia --1,335
167. 1821 -- Summer-fall, Yellow Fever, esp. Norfolk VA (~160); St Augustine, FL (172)-≥414
168. 1821 -- Aug, Smallpox, Baltimore, MD -- 47
169. 1822 -- Summer, “Bilious [“Intermittent”] Fever” Epidemic, Louisville, KY²⁶⁴ --140-232
170. 1822 -- Yellow Fev., esp. late Sum-Fall, esp. NOLA/Marietta OH/NYC/Pensacola²⁶⁵ 1519-2,741

²⁶² “Canker rash” was a term used to describe both what was later referred to as scarlet fever and diphtheria. There were similar and dissimilar symptoms. Thus without detailed descriptions at the time it is not clear which disease.

²⁶³ We note “greater than” 4,000 in that 4,000 is the estimated Comanche loss, whereas it has been written that the Kiowa, for example, lost to smallpox numbers in a ratio comparable to the Comanche.

²⁶⁴ Have chosen to list separately from Yellow Fever entry for 1822 in that it was referred to as Bilious Fever and in that it was not included in books and reports which discussed yellow fever in 1822 by George Augustin, J.M. Keating, John Monette, George M. Sternberg (U.S. Public Health Service), and the U. S. Marine-Hospital Service.

171. 1823 -- Smallpox, Philadelphia, PA -- 160
 172. 1823 -- July-Nov 1, Yellow Fever Epidemic, Natchez & vicinity, MS, New Orleans -- 581
 173. 1824 -- Smallpox, NYC, NY, Philadelphia, PA, Sandusky, OH --740-745
 174. 1824 -- July-Nov, Yellow Fever, esp. Charleston SC (235); New Orleans LA (≥ 108)--364-373
 175. 1825 -- Yellow Fever, esp. Mobile, Key West & Pensacola, NOLA, Natchez, Washington MS-428
 176. 1827 -- Yellow Fever, esp. Charleston, SC (64) & New Orleans (109) epidemics -- ≥ 195
 177. 1828 -- Yellow Fever, esp. Charleston SC/26, Memphis/56, MS/90, New Orleans/150--332
 178. 1829-34 -- Unknown Epidemic, West Coast Native Americans²⁶⁶ --6,500-22,000
 179. 1829 -- Yellow Fever, esp. FL, Mobile AL/130; Natchez MS/90; New Orleans LA/900--1,146

DISEASES, select communicable/infectious, especially Epidemics -- **Chronological** -- cont.

180. 1830 -- July-Fall, Yellow Fever, Charleston SC (39) & especially New Orleans (132)-- 172
 181. 1832 -- June-Dec 16, Cholera Epidemics, esp. DC/LA/MD/NJ/NY/OH/PA/VA--16,781-18,491
 182. 1832 -- Yellow Fever Outbreak, New Orleans, LA -- 400
 1833 -- Unknown Epidemic, Natives esp. Sacramento/San Joaquin Valleys, CA (see 1829)
 183. 1833 -- Feb-Aug esp., Cholera, esp. KY (1765), NOLA (1000) and Cincinnati (176)--3,381
 184. 1833 -- Malaria Epidemic, ConCow Maidu Villages, Butte County, CA vicinity -- ~800
 185. 1833 -- Early Aug-early Nov, Yellow Fever Epidemic, New Orleans, LA --1,000
 186. 1834 -- ~Jul-Nov, Cholera, esp. Baltimore, Cleveland, Detroit, Rochester; esp. NYC~1,693
 187. 1834 -- Smallpox, New York City, NY and Philadelphia, PA -- 428
 188. 1834 -- Yellow Fever Epidemic, New Orleans (≥ 95), LA; Charleston (49), SC -- 144
 189. 1835 -- Apr-Aug, Cholera, IN, NOLA, KY, MO, OH, SC, TN²⁶⁷ --590-601
 190. 1835 -- Aug-Sep, Yellow Fever, Charleston SC (25-26) New Orleans LA (284-289)-309-315
 191. 1835 -- Nov-Spring 1838, Smallpox, Sitka, Gulf of AK, Kodiak, Aleutian Isl. natives, AK13,105
 192. 1836 -- Scarlet Fever, Boston, MA, New York City, NY, Philadelphia, PA -- 458
 193. 1836-37--Measles, New York City, NY -- 443
 194. 1837 -- Scarlet Fever, Boston, MA, New York City, NY, Philadelphia, PA -- 823
 195. 1837 -- Smallpox, California Native Americans²⁶⁸ 2,000-10,000
 196. 1837 -- Aug-Nov, Yellow Fever Epidemics, Mobile AL; New Orleans LA; Natchez MS-1550-1930
 197. 1837-38--Smallpox, Upper Mid-West Native American Tribes ~20,000
 198. 1838 -- Yellow Fever, New Orleans LA (17), NY Marine Hosp. (8) Charleston SC (351)-376
 199. 1839 -- Jun-Oct, Yellow Fever, SC, FL, GA, TX, esp. Mobile, Natchez, New Orleans--~2764

 200. 1840 -- Yellow Fever Outbreak, Charleston, SC (22), New Orleans (3) -- 25
 201. 1841 -- Yellow Fever, esp. FL & LA, esp. New Orleans, also Vicksburg, Charleston--3,498
 202. 1842 -- July-Oct, Yellow Fever Epidemics, Mobile AL (66-77), New Orleans (211)-285-289
 203. 1843 -- July-Nov, Yellow Fever, esp. Mobile AL (240-750), New Orleans (487-700)-758-1481

²⁶⁵ Also includes 101 fatalities on the U.S. Frigate *Macedonian*, sailing in the Caribbean late Spring to mid Summer.

²⁶⁶ From contemporary accounts, it appears that the year 1833 was the deadliest.

²⁶⁷ Especially Madison, IN (epidemic with 32 deaths), New Orleans with 140-150, Russelville (120) and Versailles (64) KY; Palmyra, MO with 19; Red Lion (18) and West Union (16) OH. Charleston, SC was noted as having “suffered” but we find no statistics. In TN, Franklin (10), Memphis (35) and TN (Nashville) Penitentiary (28), esp.

²⁶⁸ As noted in the narrative description section, Shelburne Friend Cook in his *The Conflict Between the California Indian and White Civilization*, Part 4, 1976, p. 213, writes that the accounts he has before him giving estimates of 100,000, and 200,000 to 300,000, are “obviously wild guesses.” His own guesstimate (p. 214) is 2,000. We simply recognize the range. In another book in 1978 he writes that “the mortality may have reached 10,000.”

204. 1844 -- Yellow Fever, esp. Galveston TX (400); Mobile AL (40); New Orleans LA (148)-590
 205. 1846 -- Yellow Fever epidemic, New Orleans, LA (146-160); also Mobile AL (4)--151-165
 206. 1847 -- Smallpox, Modoc Native Americans, Southwestern Oregon -- >150
 207. 1847 -- Fall, Measles Epidemic, Cayuse Indians, Southwestern WA -- >200
 208. 1847 -- Yellow Fever, esp. NOLA, also Galveston, Mobile, Pensacola, Vicksburg²⁶⁹ ≥3,400
 209. 1848 -- Cholera Epidemic, New Orleans, LA --1,616
 210. 1848 -- Scarlet Fever Outbreak, Mobile, AL -- 75
 211. 1848 -- Jun-Nov, Yellow Fever, Mobile, New Orleans, NY Marine Hospital -- 938
 212. 1848 -- Sep-early 49, Measles/Whooping Cough/Dysentery/Influenza Epidemics, HI-10,000
 213. 1849 -- Cholera, esp. IL, IN, KY, NOLA, MA, MI, MO, NY, OH, PA, TN, TX²⁷⁰ -45,287-51,206
 214. 1849 -- Scarlet Fever Outbreak, Mobile, AL -- 50
 215. 1849 -- Yellow Fever Epidemic -- Charleston SC, New Orleans -- 912

DISEASES, select communicable/infectious, especially Epidemics -- **Chronological** -- cont.

216. 1850 -- Cholera, esp. Sac. & SF, CA, IL, IN, KY, LA, MO, OH, TN, WI²⁷¹ --14,158-14,637
 217. 1850 -- Croup (contagious upper airway viral infection), nationwide 10,706
 218. 1850 -- Measles, nationwide --2,983
 219. 1850 -- Scarlet Fever, nationwide --9,584
 220. 1850 -- Smallpox, nationwide --2,352
 221. 1850 -- Tuberculosis (Consumption), nationwide 33,156
 222. 1850 -- Typhoid Fever, nationwide 13,099
 223. 1850 -- Whooping Cough, nationwide --5,280
 224. 1850 -- Jan-Oct, Yellow Fever, especially New Orleans, LA -- 785

 225. 1851 -- Cholera, esp. June-Aug, esp. St. Louis, IL, New Orleans, Cincinnati, SD Territory;
 also AL, AR, IN, IA, KS, KY, TN, WI, Riverine Maritime (esp. MS) --3,314-3,322
 226. 1851 -- Smallpox, NYC, NY --562-586
 227. 1851 -- Yellow Fever Outbreak, New Orleans, LA -- 16

 228. 1852 -- Cholera Epidemic, esp. Chicago, New Orleans, Rochester, St. Louis, MO --3,532
 229. 1852 -- Smallpox outbreak, Native Americans, Nevada City vicinity, CA -- ~100
 230. 1852 -- Smallpox outbreak, Philadelphia, PA -- 427
 231. 1852 -- Yellow Fever, Charleston, New Orleans, Savannah -- 745
 232. 1852 -- Nov/Dec, Unknown epidemic, Natives, Hock Farm, Sutter County, CA²⁷² -- 40

²⁶⁹ Was in at least 10 Louisiana locations other than New Orleans; also in six known locations other than Vicksburg in Mississippi; was in Memphis, TN, and Brazos, Houston and Matamoras, Texas. Mostly late Summer and Fall.

²⁷⁰ There were outbreaks in other States (see narrative document). We note that our sources could not have had access to all cholera deaths in areas of coverage. Collins and Collins write in *History of Kentucky*, there were many more deaths in the smaller towns and countryside than they were able to chronicle. This must have been true up and down routes of river and rail traffic as well as in the wagon trains heading west during the Gold Rush. In addition, part of the explanation for the range has to do with what was called a death by cholera or a death caused by cholera-like symptoms, such as diarrhea or dysentery (interestingly co-incident in epidemic form during a cholera outbreak).

²⁷¹ This reflects zero Plains Native American deaths, whereas the range of cholera deaths amongst Plains natives in 1849 was 5,600-6,500. We believe that there must have significant loss of life, but have just not located sources.

²⁷² Our use of Nov/Dec in the dating is speculative. The source is the Sacramento *Union* of Dec. 13 and 17, 1852, noting fatalities during one month at John Augustus Sutter's Hock Farm.

DISEASES, select communicable/infectious, especially Epidemics -- Chronological -- cont.

233. 1853 -- Cholera, New Orleans, LA (585); Choctaw on Arkansas River, OK (14) -- 599
234. 1853 -- Pneumonia outbreak, Native Americans, near Cherokee, Butte County, CA -- 40
235. 1853 -- Smallpox, esp. natives, HI, Nevada City vic., CA, OR/WA; also NYC -7,450-9,450
236. 1853 -- Typhoid outbreak, Native Americans, Nevada City vicinity, CA -- ~100
237. 1853 -- May-Dec, Yellow Fever, esp. AL/1293, LA/~15K, MS/1311 TX/871--18,770-19,533

238. 1854 -- Cholera, esp. Boston, Chicago, Detroit, NYC, Pittsburgh, St. Louis 10,009-10,046
239. 1854 -- Late March through early April (esp.) Scarlet Fever outbreak, Jacksonville, FL ≤12
240. 1854 -- Late March through early April (esp.) Smallpox epidemic, Jacksonville, FL -- ≥15
241. 1854 -- Jun-Dec, Yellow Fever, esp. Jacksonville, Charleston, Galveston, NOLA, Savannah-4,238
242. 1855 -- May-Aug, Cholera, IL, LA, KS, KY, MO, OH, WI, esp. New Orleans-1,450-1,550
243. 1855 -- Jun-Nov, Yellow Fever, esp. New Orleans/2,670; Norfolk/Portsmouth, VA/3K-6,059
244. 1855 -- Sep 5, Cholera aboard Steamship *Sierra Nevada*, leaving NY -- 95
245. 1856 -- Aug-Sep, Yellow Fever, Charleston SC/212-266, New Orleans/74, NY/12-304-358
246. 1857 -- June-Dec, Yellow Fever, Charleston SC, Jacksonville FL/127, New Orleans/199--353
247. 1858 -- Diphtheria, April-Fall, Albany, NY -- 167
248. 1858 -- Jun-Dec, Yellow Fever, esp. Charleston SC; Galveston & Indianola; New Orleans/4855- 6,490
249. 1859 -- Yellow Fever Epidemic, Galveston & Edinburg TX; New Orleans, LA -- 290

250. 1860 -- Croup (contagious upper airway viral infection), nationwide 15,188
251. 1860 -- Measles, especially NY, OH, MO and PA 3,809-3,900
252. 1860 -- Scarletina (Scarlet Fever), 38 Census "Registration" States and DC 26,402
253. 1860 -- Smallpox, esp. MA/473, NY/ 303, OH/135, PA/87, ME/56, VA/24 --1,263-1,271
254. 1860 -- Tuberculosis (consumption), 38 Census "Registration" States and DC 49,082
255. 1860 -- Typhoid Fever, 38 Census "Registration" States and DC 19,236
256. 1860 -- Whooping Cough, nationwide, especially, NY, NC, OH, PA, and VA --8,408

257. 1861 -- Smallpox Outbreak, Philadelphia, PA -- 758
258. 1861 -- May 1-Jun 30, 1866, Smallpox, Union soldiers and Confederate prisoners²⁷³--9,682
259. 1862 -- Yellow Fever, FL, Wilmington NC, Hilton Head SC, Matagorda TX --1,499
260. 1863 -- Malaria (probably), Maidu Natives, Pence's Ranch, Butte County, CA²⁷⁴ -- 30
261. 1863 -- Smallpox, Fort Delaware, DE, Baltimore, Camp Chase, OH, Chicago, VA >1,078
262. 1863 -- Yellow Fever Outbreak, Pensacola, FL -- 200
263. 1864 -- Cerebral Spinal Meningitis Epidemic, Carbondale & Philadelphia PA -- 784
264. 1864 -- Smallpox, Chicago (283) and Northern VA (112) -- 395
265. 1864 -- Yellow Fever, Charleston, SC, Galveston, New Bern NC, New Orleans --2,381
266. 1865 -- Smallpox, esp. Mobile, AL, Philadelphia, PA and New York City²⁷⁵ >1,312
267. 1866 -- May-Oct Cholera Epidemic, Cincinnati, NYC, Philly, St. Louis, TN, Army 16,730
268. 1866 -- Aug-Nov (esp.), Yellow Fever Outbreaks, especially New Orleans, LA (185)-- 211

²⁷³ There is overlap with our 1863 entry (1,078 deaths) which includes Fort Delaware, Camp Chase, MD, and VA.

²⁷⁴ Deaths in a three-week period (Aug 30, 1863 Marysville, CA *Appeal* report). Cook (1976, p. 275) estimates that "at least 100 must have perished" in an extended time-frame. "undoubtedly" from malaria.

²⁷⁵ This does not take into account hundreds of smallpox fatalities in military ranks and especially military prisons.

269.	1867 -- Jan-Dec, Smallpox, Chicago, IL	-- 123
270.	1867 -- Jun-Dec, Cholera Epidemic, esp. New Orleans, St. Louis, TN, U.S. Army	--1,536
271.	1867 -- July-Dec, Yellow Fever, esp. New Orleans, Galveston/Houston; also AL/FL/MS/TN-10,004	
272.	1868 -- June-Dec, Smallpox, esp. Chicago, Cincinnati, Milwaukee, San Francisco	-- 960
273.	1869 -- Scarlet Fever, especially children, MI	-- 252
274.	1869 -- Smallpox, Cincinnati, OH (231), Michigan (42)	-- 273
275.	1869 -- Smallpox Epidemic, Gros Ventre Natives, Montana Territory	--700--800

DISEASES, select communicable/infectious, especially Epidemics -- **Chronological** -- cont.

276.	1870 -- Croup, nationwide	10,692
277.	1870 -- Diphtheria, nationwide	6,303
278.	1870 -- Measles, nationwide	9,237
279.	1870 -- Pneumonia, esp. AL, GA, IL, IN, KY, MA, MO, NY, OH, PA, TN, TX, VA	40,012
280.	1870 -- Scarlet Fever, esp. IL, MO, NY, PA, WI	20,339
281.	1870 -- Smallpox, nationwide	4,597
282.	1870 -- Tuberculosis (Consumption), nationwide	69,896
283.	1870 -- Typhoid Fever, nationwide, esp. IL, IN, MA, MO, NY, OH, PA	22,187
284.	1870 -- Typhus, nationwide, especially IL, IN, NY, and PA	--1,770
285.	1870 -- Whooping or "Hooping" Cough, nationwide, esp. NY, IL, IN, OH, PA	9,008
286.	1870 -- May-Dec, Yellow Fever, esp. New Orleans/587 Mobile/173 Brunswick GA	--1,038
287.	1871 -- Scarlet Fever, especially children, Baltimore, MD (625), and MI (696)	--1,321
288.	1871 -- May 1-Dec, Smallpox, Newark, Essex County, NJ	-- ~96
289.	1871 -- July 30-Dec 18, Yellow Fever, esp. MS/143, Charleston SC/213, New Orleans/55--454	
290.	1871 -- Winter-March 1872 -- Smallpox Epidemic, Philadelphia, PA	--4,464
291.	1871 -- Nov-Dec, Smallpox Outbreak, Chicago, IL	-- 60
292.	1872 -- Cerebral Spinal Meningitis, MA (esp. Boston), NYC, PA (esp. Philly)	--1,090
293.	1872 -- Cholera, Philadelphia, PA	--1,666
294.	1872 -- Measles Epidemic, Philadelphia, PA	-- 143
295.	1872 -- Scarlet Fever, especially children, MI	-- 565
296.	1872 -- Smallpox, esp. Baltimore, Boston, Cincinnati, IL, NYC, Philly, St. Louis	--≥8,957
297.	1872 -- July 11-Nov 19, Yellow Fever, New Orleans, LA/~40; Galveston, TX/10	--50-51
298.	1873 -- Cerebral Spinal Meningitis, Boston & Lowell MA, Philadelphia, PA	-- 499
299.	1873 -- Feb-Sep, Cholera, esp. AL/AR//IL/IN/IA/KY/LA/MS/MO/OH/TN	~4,539-4,599
300.	1873 -- Scarlet Fever, especially children, MI	-- 580
301.	1873 -- Smallpox, esp. Chicago (515) and Baltimore (631); also Cincinnati (48)	--1,194
302.	1873 -- July-Dec, Yellow Fever, esp. Memphis, AL, Pensacola, Louisville, LA, TX--3542-3584	
303.	1874 -- Scarlet Fever, especially children, MI (440) and Cincinnati, OH (687)	--1,127
304.	1874 -- Measles Epidemic, Omaha Nation, Nebraska Territory	-- 76
305.	1874 -- Aug 17-Nov 9, Yellow Fever, Pensacola, Warrington, Woolsey, FL/381; also N.O.--	398

DISEASES, select communicable/infectious, especially epidemics -- **Chronological** -- cont.

306.	1875 -- Consumption (Tuberculosis), leading cause of death in State for year, MI	--1,479
307.	1875 -- Diphtheria, Hudson County, NJ	-- 533
308.	1875 -- Scarlet Fever, Michigan and Hudson County, NJ	-- 537
309.	1875 -- Smallpox, esp. New York City (1,899), Cincinnati (745), Philadelphia (54)	--2,699
310.	1875 -- Typhoid Fever, 3 rd leading cause of death in MI for year	-- 433
311.	1875 -- Whooping Cough, MI	-- 101
312.	1875 -- Yellow Fever Outbreak, Key West, FL & Pascagoula, MS	-- 98
313.	1875 -- Croup and Diphtheria, MI (374) and Hudson County, NJ (533)	-- 907
314.	1876 -- Scarlet Fever, Hudson County, NJ	-- 183
315.	1876 -- Smallpox, Cincinnati, OH	-- 934
316.	1876 -- May 19-July 1, 1877, Smallpox Epidemic, San Francisco, CA	-- 482
317.	1876 -- Yellow Fever, Savannah (also Brunswick), GA; also New Orleans & Baltimore	--1,293
318.	1877 -- Diphtheria, Santa Cruz, CA; Hudson County, NJ	-- 349
319.	1877 -- Scarlet Fever, Hudson County, NJ	-- 213
320.	1877 -- Smallpox, Cincinnati, OH	-- 56
321.	1877 -- Aug-Nov, Yellow Fever, esp. Enterprise/112, Fernandina/94, St. Augustine/50, FL	--263
322.	1878 -- Diphtheria, Hudson County, NJ	-- 177
323.	1878 -- Scarlet Fever, Hudson County, NJ (113); Fall, Cincinnati, OH (181)	-- 294
324.	1878 -- Jun-Dec, Yellow Fever, esp. LA (esp. New Orleans), MS, TN (esp. Memphis)~20,000	
325.	1879 -- Diphtheria, MN (955) and Hudson County, NJ (120) ²⁷⁶	--1,071
326.	1879 -- Scarlet Fever Epidemic, Hudson County, NJ	-- 232
327.	1879 -- Smallpox, San Antonio, TX; also to lesser extent NYC, NY	-- 141
328.	1879 -- June-May 1880, Diphtheria, esp. Sep-Jan, esp. PA, IL, NY, IA	38,143
329.	1879 -- June-May 1880, "Malarial Fever," esp. AL, AR, GA, IL, MS and MO	20,231
330.	1879 -- June-May 1880, Measles, nationwide, especially GA, IL, IN, KS and MO	8,254
331.	1879 -- June-May 1880, Meningitis, especially KY, NY, PA, MO and TN	--7,481
332.	1879 -- June-May 1880, Scarlet Fever, especially children, esp. IN, NY and PA	16,388
333.	1879 -- June-May 1880, Smallpox, CA/CT/DC/IL/LA/MA/NJ/NM/NY, esp. PA,TX	1,284
334.	1879 -- June-May 1880, Typhoid ("Enteric") Fever, esp. IL, IN, MO, OH, TX	23,339
335.	1879 -- June-May 1880, Tuberculosis, esp., NY, PA, OH, IL, IN, TN, KY, MA	91,270
336.	1879 -- June-May 1880, Whooping Cough, nationwide, esp. IN, GA, NC, TX, AL	11,064
337.	1879 -- June-Dec, Yellow Fever, Forest City, AR, Louisiana, MS, Memphis, TN	--682-786
338.	1879 -- July-mid to early Aug, Cholera-like Epidemic, Center Point and Walker, IA	--24-28
	1879 -- Dec-1883, Smallpox, see individual year breakouts for State breakouts	--7,084
339.	1880-81 -- Oct-Jan 8, Diphtheria epidemic, esp. children, Brooklyn, NYC, NY	-- 688
340.	1880 -- July 16, beginning of Yellow Fever Outbreak, Jacksonville, FL	34

²⁷⁶ There is a 7-month overlap in the June 1879-May 1880 U.S. Census diphtheria count.

DISEASES, select communicable/infectious, especially epidemics -- **Chronological** -- cont.

341.	1881 -- Cerebrospinal Meningitis Epidemic, New York City, NY	-- 461
342.	1881 -- Smallpox, esp. Philly, Pittsburgh, Chicago, NYC, Richmond; also DE, HI, NJ, etc.	--5,165
343.	1881 -- Typhoid Fever, Birmingham AL, Washington DC, Minneapolis, NYC	-- 692
344.	1882 -- Typhoid Fever, Washington, DC	-- 120
345.	1882 -- Smallpox, esp. Chicago, Cincinnati, PA, Baltimore, NOLA, TN; elsewhere->	6,992
346.	1882 -- Jan 1-26, Scarlet Fever, NY, NJ	-- 227
347.	1882 -- Aug-Nov, Yellow Fever, Pensacola, FL	-- 198
348.	1883 -- Sep-Oct, Diphtheria, Orange County, NC	-- 22
349.	1883 -- Smallpox, esp. New Orleans/834 Baltimore/633 Cincinnati/189 Chattanooga/103-	2,868
350.	1883 -- Typhoid Fever, Washington, DC	-- 92
351.	1883 -- Yellow Fever, Aug 5-Nov 6, Brewton, AL, FL	-- 74
352.	1884 -- Typhoid Fever, Washington, DC	-- 76
353.	1885 -- Typhoid Fever Epidemic, Plymouth, PA (114) & Washington, DC (124)	-- 238
354.	1886 -- Typhoid Fever, Washington, DC	-- 125
355.	1887 -- Diphtheria, NYC, NY	--4,509
356.	1887 -- Typhoid Fever, Washington, DC	-- 116
357.	1887 -- Yellow Fever, esp. Fernandina Florida & New Orleans, LA	-- 941
358.	1888 -- Measles Epidemic, Omaha Nation, Nebraska Territory	-- 87
359.	1888 -- Typhoid Fever, Washington, DC	-- 168
360.	1888 -- July-Dec, Yellow Fever epidemic, FL esp. Jacksonville/430; Decatur AL/35--	546
361.	1889 -- Measles Epidemic, Omaha Nation, Nebraska	-- 50
362.	1889 -- Typhoid Fever, Washington, DC	-- 170
363.	1889 -- Jan-Feb, Cerebro-spinal Meningitis Epidemic, Webster County, KY	--50-70
364.	1890 -- Diphtheria and Croup, especially IL, MA, NJ, NY	41,677
365.	1890 -- Typhoid Fever, Nationwide, spiking in Oct	28,191-29,329
366.	1890 -- Jan-Mar, Influenza (La Grippe/Russian Flu), esp. IL, Northeast ²⁷⁷	16,024-17,526
367.	1891 -- March-May, Influenza and Pneumonia Epidemic, esp. Chicago, IL & NY	12,472
368.	1891 -- Epidemic, Typhoid Fever, Chicago (2,000), DC (208), Philadelphia (516)	--2,724
369.	1892 -- Typhoid, Washington, DC	-- 183
370.	1892 -- Typhus Fever, NYC, NY	-- 200
371.	1893 -- Cerebrospinal Meningitis Epidemic, New York City, NY	-- 469
372.	1893 -- Typhoid, Washington, DC	-- 186
373.	1893 -- Feb-Dec, Smallpox Outbreak, Reading, Berks County, PA	-- 18

²⁷⁷ Technically, what became the flu epidemic of early 1890 began in late December 1889.

374. 1893 -- Sep, Yellow Fever, Fort Bayou, AL, FL, Brunswick, GA -- 61
 375. 1893-94, Dec-Jan -- Epidemic Influenza, NY --2,200
 376. 1893-94, Dec 24-Dec 22, -- Diphtheria, Brooklyn & NYC, NY --2,858

DISEASES, select communicable/infectious, especially epidemics -- **Chronological** -- cont.

377. 1894 -- The Year, Polio Epidemic, VE, especially Rutland & Wallingford -- 18
 378. 1894 -- Jan 20-Jun 16, Scarlet Fever Outbreak, Brooklyn & New York City, NY -- 123
 379. 1894 -- Jan-Dec 17, Smallpox, Chicago, DC, IL, IN, MI (esp. Detroit), NY, WI --1,397
 380. 1894 -- Feb 4-10, Whooping Cough Outbreak, New York City, NY -- 101
381. 1895 -- Feb 1-Jun 21 Smallpox Outbreak, esp. Hot Springs AR, Chicago, Cincinnati-- 160
 382. 1895 -- Jun, Diphtheria, esp. Boston, Brooklyn, New York -- 99
 383. 1895 -- Jun 16-22, Scarlet Fever, Binghamton, NYC, Oneonta, Yonkers -- 17
 384. 1895 -- Mid-Aug-Oct 3, Cholera Epidemic, Honolulu, HI --63-65
385. 1896 -- Measles, esp. NYC/714, Brooklyn/333, Philadelphia/191, Cincinnati/100, CT-3178
 386. 1896 -- Smallpox, esp. New Orleans/238, Shreveport LA/11, Detroit/11, Dayton (8)-- 279
387. 1897 -- Typhoid Fever, esp. CT, DC, IN, MI, MN NY, OH, PA, Denver, St. Louis --5,855
 388. 1897 -- Sep-Dec, Yellow Fever, esp. Mobile/48, New Orleans/298, MS, Memphis TN ~520
389. 1898 -- Smallpox Epidemic, Moqui Indians, AZ -- 220
 390. 1898 -- Aug 23-Nov 18, Yellow Fever, LA, especially New Orleans (57); MS (80) --175
 391. 1898 -- esp. Jun-Dec, Typhoid, esp. Spanish War Army Camps, esp. Southeast -->4,627
392. 1899 -- Typhoid fever epidemics/outbreaks, Greensboro, NC; PA, esp. Philadelphia--1,026
 393. 1899 -- July-Dec, Yellow Fever, esp. Key West/68 Miami/14; New Orleans/23; MS, VA--126
 394. 1899-90, Dec 11-March 31 -- Bubonic (Black) Plague (Asian ship), Honolulu, HI -- 61
395. 1900 -- Tuberculosis, esp. CA, IL, IN, KY, MA, MO, NJ, NY, OH, PA, TN 109,750
 396. 1900-04, May-Feb, Bubonic Plague 'Epidemic,' San Francisco, CA, -- 113
 397. 1900 -- Jun-Dec, Measles / Flu Epidemics, Native Alaskans, esp. western AK--~2000-2500
 398. 1900 -- Typhoid, esp. AL, AR, GA, IN, KY, MS, MO, NY, NC, OH, PA, TN, TX 35,379
399. 1901 -- Jan 1-12, Grip (Influenza) Epidemic, St. Louis, MO -- 54
400. 1904-05 -- Cerebrospinal Meningitis Epidemic, New York City --2,594-3,428
401. 1905 -- Tuberculosis, Philadelphia, PA --3,365
 402. 1905 -- May-Oct, Yellow Fever Epidemic, LA, especially New Orleans -- 869
403. 1906 -- Measles, Nationwide --5,087
 404. 1906 -- The Year, Tuberculosis, Philadelphia, PA --3,742
 405. 1906 -- Week of Dec 21, Scarlet Fever, Chicago, IL -- 115

406.	1907 -- Bubonic Plague “Epidemic,” San Francisco, CA	-- 78
407.	1907 -- Diphtheria and Croup, Registration area, esp. NY and PA (esp. Philly)	10,154
408.	1907 -- Influenza, Census “Registration” States and Localities	≥10,066
409.	1907 -- Measles, Census Registration States and localities	--4,302
410.	1907 -- Sum-Aut (Sep peak), Polio Epidemic, NY, esp. greater NYC	--100-125
411.	1907 -- Scarlet Fever, Census Registration States and localities	--4,309
412.	1907 -- Typhoid, Census Registration States and localities	12,670
413.	1907 -- Tuberculosis, esp. CA/Chicago, IN/MA/NY (esp. NYC)/PA (esp. Philly)	76,650
414.	1907 -- Whooping Cough, Census Registration States and localities	--4,856

DISEASES, select communicable/infectious, especially epidemics -- **Chronological** -- cont.

415.	1908 -- Summer-Fall, Polio outbreak, IA, MA, MI , MN (13), VA, esp. WI (61)	-- 87
416.	1908 -- Tuberculosis, Philadelphia, PA	--3,490
417.	1909 -- Polio (Acute), IN, KS, MN, MT, ND, OR, especially MA and NE	-- 266
418.	1909 -- Smallpox, 29 reporting States and the District of Columbia	-- 132
419.	1909 -- Tuberculosis, Philadelphia, PA	--3,496
420.	1910 -- Year, esp. Summer-Fall, Polio, especially IA, MA, MN, NY, PA	1,459-1,655
421.	1910 -- Smallpox, 23 reporting States and DC, esp. MI (121), OK (99), TX (67)	--403-415
422.	1910 -- Tuberculosis, Philadelphia, PA	3,190
423.	1910 -- Typhoid, Nationwide	25,000
424.	1911 -- Diphtheria and Croup, NYC, NY	--1,281
425.	1911 -- Measles, NYC, NY	-- 659
426.	1911 -- Oct-June 8, 1912, Meningitis Epidemic, esp. TX , OK, MO	-- 740
427.	1911 -- Polio, Nationwide, esp. IL, IN, IA, MA, MN, NY, PA, WI	-- 440
428.	1911 -- Scarlet Fever, NYC, NY	-- 741
429.	1911 -- Smallpox, 29 reporting States and the District of Columbia	-- 134
430.	1911 -- Aug-Dec, Tuberculosis, NYC, NY, IL, CA, IN, MA, NJ, PA, TX	--10,926
431.	1911 -- Typhoid Fever, PA	--1,716
432.	1912 -- Diphtheria and Croup, NYC, NY	--1,125
433.	1912 -- Measles, NYC, NY	-- 671
434.	1912 -- March 24-June 8, Pneumonia, Chicago, IL, NYC, NY	--4,342
435.	1912 -- Polio, especially Summer to Fall, especially children, especially CA (129)	-- 518
436.	1912 -- Scarlet Fever, NYC, NY	-- 615
437.	1912 -- Smallpox, 35 States and DC, especially TX (128); Pittsburgh (33)	--301-307
438.	1912 -- Tuberculosis, Jan 1-Feb 24, Chicago IL, NJ, NYC, NY, Philadelphia, PA	--2,960
439.	1912 -- Typhoid, Pennsylvania	--1,310
440.	1913 -- Diphtheria and Croup, NYC, NY	--1,333
441.	1913 -- Measles, NYC, NY and Pittsburgh, PA	-- 423
442.	1913 -- Scarlet Fever, NYC, NY	-- 507
443.	1913 -- June-Sep (esp. Sep), Polio Epidemic, Buffalo, NY	-- 57

444.	1914 -- Diphtheria and Croup, NYC, NY	--1,489
445.	1914 -- Influenza and Pneumonia, NYC, NY	10,500
446.	1914 -- Measles, NYC, NY	-- 367
447.	1914 -- Polio, the year, especially Summer-Fall, especially children, nation	413-434
448.	1914 -- Scarlet Fever, NYC, NY	-- 451

DISEASES, select communicable/infectious, especially epidemics -- **Chronological** -- cont.

449.	1915 -- Diphtheria and Croup, NYC, NY	--1,278
450.	1915 -- Measles, NYC, NY	-- 630
451.	1915 -- Polio, the year, especially Summer and Fall, especially children	-- 311
452.	1915 -- Scarlet Fever, NYC, NY	-- 291
453.	1915-16 -- Dec-Jan, Influenza & Pneumonia, LA, MD, NJ, NY, OH, PA, RI, WI	--21,102
454.	1916 -- Diphtheria, especially children, nationwide, esp. PA, NY, MI	>8,000-17,000
455.	1916 -- July-Sep esp. Polio, esp. NYC/NY (3,331), NJ (1,180), PA (414)	--6,745->7,000
456.	1917 -- Influenza and Pneumonia	115,526
457.	1917 -- Polio, especially Jun-Sep, Census registration area (27 States, some cities)	≥1,182
458.	1917-18 -- Oct 10-March 8, 1918, Smallpox, Eagle Pass, Maverick Co., TX	-- 33
459.	1917 -- Dec 21, Pneumonia, NYC, NY	-- 56
460.	1918 -- June-Nov, Polio Outbreak, IA, IL, IN, MN, PA, WI, esp. Staten Island, NY	-- ~180
461.	1918 -- Typhoid Fever, 33 Registration States, DC and Puerto Rico, esp. TX	--9,100
462.	1918-19, Influenza and Pneumonia Epidemic	--531,851-728,922
	1918 -- Influenza and Pneumonia Epidemic	430,000-543,482
	1919 -- Influenza and Pneumonia Epidemic	101,851-185,440
463.	1919 -- Polio (Acute). Especially late Summer and Fall, especially children	-- 747
464.	1920 -- Diphtheria & Croup, esp. NY/1,931, PA/1,733, IL/1128, MI/885 ²⁷⁸	--13,395
465.	1920 -- Dysentery, 33 registration states	--3,574
466.	1920 -- Influenza and Pneumonia (1918-1920 subset)	141,609-220,798
467.	1920 -- Malaria, esp. MS/683, LA/586, SC/487FL/344, NC/210 and TN/183 ²⁷⁹	--3,136
468.	1920 -- Measles, 34 registration states, esp. NY/1,177, PA/1,153, OH/750, IL/496 ²⁸⁰	--7,712
469.	1920 -- Mumps, 33 registration states	-- 152
470.	1920 -- Polio (Acute) especially late Summer and Fall (33 "registration states)	-- 769
471.	1920 -- Scarlet Fever, esp. PA/497, NY/474, OH/383, IL/370, MI/303, MA/218, DE ²⁸¹	--4,004
472.	1920 -- Smallpox, 34 registration states, esp. LA/167, MS/45, MO/28, NC/28 ²⁸²	-- 508

²⁷⁸ Data from 34 Census Bureau Registration States and a number of cities ≥100,000 in non-registration states.

²⁷⁹ Data from 34 Census Bureau Registration States and a number of cities ≥100,000 in non-registration states.

²⁸⁰ Data from 34 Census Bureau Registration States and a number of cities ≥100,000 in non-registration states.

²⁸¹ Based on death certificate data from 34 "registration states" as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

473. 1920 -- Tuberculosis, esp. Denver, San Antonio, Nashville, New Orleans --99,916
 474. 1920 -- Typhoid Fever, esp. PA/503 KY/490 OH/435 TN/434 IL/380 NY/SC/379²⁸³ --6,805
 475. 1920 -- Whooping Cough, esp. PA/1,195, NY/1,063, OH/845, IL/553 MA/536²⁸⁴ 10,968

DISEASES, select communicable/infectious, especially epidemics -- **Chronological** -- cont.

476. 1921 -- Measles, especially children, nationwide --4,667
 477. 1921 -- Polio (Acute), esp. late Summer-Fall, esp. children, esp. NY, IL, WA, MI --1,597
 478. 1922 -- Polio (Acute), especially late Summer and Fall, especially children -- 790
 479. 1923 -- Polio (Acute), especially late Summer and Fall, especially children -- 850
 480. 1924 -- Polio (Acute), especially late Summer and Fall, especially children --1,079
 481. 1924 -- Oct-Nov esp. Pneumonic and Bubonic Plague Epidemic, Los Angeles, CA --35-37
 482. 1925 -- Polio (Acute), especially late Summer and Fall, especially children --1,519
 483. 1926 -- Polio (Acute), especially late Summer and Fall, especially children -- 851
 484. 1927 -- Polio (Acute), especially late Summer and Fall, especially children --2,013
 485. 1928 -- Polio (Acute), especially late Summer and Fall, especially children --1,381
 486. 1928-29 -- Winter, Influenza and Pneumonia Epidemic ~50,000

 487. 1929 -- Polio (Acute), especially late Summer and Fall, especially children -- 812

 488. 1930 -- Influenza and Pneumonia, nationwide 102,504
 489. 1930 -- Malaria, nationwide, esp. AL, AR, FL, GA, LA, MS, OK, SC, TN, TX 3,572
 490. 1930 -- Polio, especially late Summer through Fall --1,370

 491. 1931 -- “Epidemic Cerebrospinal Meningitis,”²⁸⁵ especially IL, NY and PA 2,832
 492. 1931 -- The year, Diphtheria, especially children, especially AR, IL, KY and PA 5,738
 493. 1931 -- Influenza (31,701) and Pneumonia, all forms (96,974), especially PA 128,675
 494. 1931 -- Malaria, esp. AL, AR, FL, GA, LA, MS, MO, SC, TN 2,536
 495. 1931 -- Measles, especially children, especially IL and PA --3,576
 496. 1931 -- Polio, esp. July-Oct (Aug peak), esp. NY, NJ, MI, MA, IL, CT, PA 2,139-2,144
 497. 1931 -- Scarlet Fever, especially children, especially IL --2,651
 498. 1931 -- Tuberculosis, esp. CA, IL, NY, OH, PA 81,395
 499. 1931 -- Whooping Cough, year, especially children, esp. IL, KY, NY and PA --4,619

 500. 1932 -- Polio (Acute), especially late Summer and Fall, especially children -- 828
 501. 1933 -- Polio (Acute), especially late Summer and Fall, especially children -- 797
 502. 1934 -- Polio (Acute), especially late Summer and Fall, especially children -- 852
 503. 1935 -- Polio (Acute), especially late Summer-and Fall, especially children --1,040
 504. 1936 -- Polio (Acute), especially late Summer and Fall, especially children -- 780
 505. 1937 -- Polio (Acute), especially late Summer and Fall, especially children --1,461

²⁸² Based on death certificate data from 34 “registration states” as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

²⁸³ Ibid.

²⁸⁴ Data from 34 registration States and a number of cities $\geq 100,000$ in non-registration states.

²⁸⁵ “Epidemic Cerebrospinal Meningitis,” is the name used for this malady in U.S. Census, *Mortality Statistics 1931*.

506.	1938 -- Polio (Acute), especially late Summer and Fall, especially children	-- 487
507.	1939 -- Diphtheria, esp. Jan-Mar, Sep-Dec, Nationwide, esp. GA, IL, NC, TX, VA	1,997
508.	1939 -- Influenza (21,464) & Pneumonia, esp. CA, IL, MI MO, NY, OH, PA, TX	99,097
509.	1939 -- Malaria, esp. May-Nov, especially AL, AR, FL, GA, LA, MS, SC, TX	1,761
510.	1939 -- Polio (Acute), especially late Summer through Fall, especially children	773
511.	1939 -- Tuberculosis, Nationwide, esp. CA, IL, NY, OH, PA, TN, TX	61,609
512.	1939 -- Whooping Cough, nationally, esp. AL, GA, IL, MS, NY, NC, PA, TX, VA	3,026

DISEASES, select communicable/infectious, especially epidemics -- **Chronological** -- cont.

513.	1940 -- Influenza and Pneumonia, esp. CA, IL, MO, NY, OH, PA, TN, TX	92,525
514.	1940 -- Malaria, especially AL, AR, GA, MS, SC and TX	--1,442
515.	1940 -- Polio, Nationwide, especially IL, IN, IA, KS, MI, OH and WV	--1,026
516.	1940 -- Tuberculosis, Nationwide, especially CA, IL, NY, OH, PA and TX	55,576
517.	1940 -- Whooping Cough, Nationwide, especially TX and KY	--2,926
518.	1941 -- Measles, esp. children, esp. VA (170), GA (160), KY (158), SC (138), TN (133)	--2,279
519.	1941 -- Polio, especially late Summer and Fall, especially children	-- 807
520.	1942 -- Polio, especially late Summer and Fall, especially children	-- 561
521.	1943 -- Measles, especially children	-- 307
522.	1943 -- Polio, especially late Summer and Fall, especially children	--1,151
523.	1943 -- Jan-Dec, Whooping Cough, especially children, nationwide	--3,368
524.	1944 -- Cerebrospinal Meningitis, Nationwide, esp. CA, IL, MI, NJ, NY, OH, PA	--2,812
525.	1944 -- Influenza, especially Jan-Apr & Dec, Nationwide, especially OH, PA, TX	17,320
526.	1944 -- Measles, especially Jan-June, Nationwide, esp. CA, GA, OH, PA, TX	--1,923
527.	1944 -- Polio, the year, especially July-Nov (1,070 deaths), esp. NY, OH and PA	--1,381
528.	1944 -- Tuberculosis, Nationwide, esp. CA, IL, MI, NJ, NY, OH, PA, TN, TX	54,731
529.	1944 -- Whooping Cough, Nationwide, especially NC, VA, TX, SC, KY, MS	--1,878
530.	1945 -- Measles, especially children	--1,301
531.	1945 -- Polio, especially July-Nov (Sept. peak)	--1,186
532.	1946 -- Especially July-Nov, Polio, nationwide, esp. IL, MN and TX	--1,845
533.	1947 -- Polio, nationwide	-- 580
534.	1948 -- Polio, especially CA, MN, NC, OH, SD, TX and WI	--1,895
535.	1949 -- Esp. July-Nov, Polio, esp., CA, IL, MI, MN, MO, NJ, NY, OK, TX	--2,720-2,732
536.	1950 -- Measles, esp. children, esp. MS (34), KY (30), MI (28), OH (27), NJ (26), TN (25)--	468
537.	1950 -- Polio, esp. Jul-Nov (1,611 deaths), esp. CA, IL, MI, NY, OH, PA, TX	--1,904
538.	1951 -- Polio, especially July-Nov, especially CA, IL, TX	--1,551-1,555
539.	1951 -- Tuberculosis, CO	-- 200
540.	1952 -- Polio Epidemic, Nationwide, esp. upper Midwest	3,000-3,300
541.	1953 -- Polio, especially CA, IL, MI, and NY	--1,450

542.	1954 -- Polio, especially late Summer and Fall, especially children	--1,368
543.	1955 -- Polio, most States, especially, Boston, MA (~200)	--1,043
544.	1956 -- Polio, especially late Summer and Fall, especially children	-- 566
545.	1957 -- Polio, especially late Summer and Fall, especially children	-- 221
546.	1957-58 -- “Asian” Influenza (and Pneumonia) Epidemic, esp. Fall-Spring	~70,000

DISEASES, select communicable/infectious, especially Epidemics -- Chronological -- cont.

547.	1958 -- Polio (Acute), especially late Summer and Fall, especially children	-- 255
548.	1959 -- Polio (Acute), especially late Summer and Fall, especially children	-- 454
549.	1960 -- Measles, especially children	-- 380
550.	1960 -- Polio (Acute), especially late Summer and Fall, especially children	-- 230
551.	1961 -- Polio (Acute), especially late Summer and Fall, especially children	-- 90
552.	1962 -- Polio (Acute), especially children	-- 60
553.	1963 -- Polio (Acute), especially children	-- 41
554.	1964 -- June 27-Oct 3, St. Louis Encephalitis Epidemic, Houston/33; elsewhere/24 ²⁸⁶	-- 57
555.	1966 -- Jan-Dec, Influenza and Pneumonia, nationwide	63,615
556.	1968-69 (Sep-March), A2 “Hong Kong” Influenza (and Pneumonia) Epidemic	33,800
557.	1976 -- July, “Legionnaires’ Disease” Strikes in Philadelphia, PA	-- 34
558.	1980 -- Measles	-- 11
	1985 -- Measles, AZ (1); IL (1); ME (1); MA (1)	-- 4
	1988 -- Measles, LA County, CA/1 Palm Beach Co., FL/1 Palm Beach Co., OR/1	-- 3
559.	1989 -- Measles, CDC reports 17,850 cases in 47 States and DC	--45-62
560.	1990 -- Measles Resurgence (largest loss of life since 1971), esp. young children	--79-108
561.	1991 -- Jan-Dec, Measles resurgence, especially CA (8); NY (15); and PA (9)	-- 38
562.	1992 -- Year, Measles, especially young children	-- 3-11
563.	1993 -- May esp., Hantavirus Pulmonary Syndrome, esp. Native Americans, NM/AZ	--13-16
564.	2003-04 -- Pediatric Influenza-Associated Deaths reported to CDC from 40 States	-- 153
565.	2004-05 -- Pediatric Influenza deaths reported to the CDC, multiple States	-- 47
566.	2005-06 -- Pediatric Influenza deaths reported to the CDC, multiple States	-- 46
567.	2006-07 -- Pediatric Influenza deaths reported to the CDC, multiple States	-- 76
568.	2007-08 -- Pediatric Influenza deaths reported to the CDC, multiple States	-- 83
569.	2008-09 -- Pediatric Influenza deaths reported to the CDC from 24 States & NYC ²⁸⁷	-- 67
570.	2009-10 -- Apr 15-Oct 2, 2010 -- Pediatric flu Deaths during H1N1 Flu Pandemic	-- 348
571.	2009 -- April 12-April 10, 2010, H1N1 “Swine Flu” Pandemic (U.S.)	--12,469
572.	2010 -- HIV/AIDS, U.S., nationally	15,525

²⁸⁶ Some non-Houston deaths, such as some of five in Hale County, TX, area may have been Western Encephalitis. Two deaths in CO, 3 in IL, 2 deaths for IN, 1 in KY, 8 in NJ, 2 in PA, and 1 in TN.

²⁸⁷ Sep 28, 2008-April 18, 2009 influenza season.

573.	2010 -- Sep-Aug 2011, Pediatric Influenza-Associated deaths, 33 States	--	115
574.	2011-12 – Pediatric Influenza-Associated deaths reported to CDC, multiple States	--	37
575.	2012 -- Sep-Jan 2013, Pediatric Influenza deaths reported to CDC, multiple States	--	171
576.	2013-14 – Pediatric Influenza deaths reported to the CDC, Multiple States	--	111
577.	2015 -- July-mid Aug, Legionnaires' Disease, South Bronx, New York City, NY	--	12

Disease, select communicable, infectious -- **CHOLERA** subset -- By **Mortality**

1. 1849 -- Cholera, esp. IL, IN, KY, NOLA, MA, MI, MO, NY, OH, PA, TN, TX²⁸⁸ --45,287-51,206
2. 1832 -- June-Dec 16, Cholera Epidemics, esp. DC/LA/MD/NJ/NY/OH/PA/VA --16,781-18,491
3. 1866 -- May-Oct Cholera Epidemic, Cincinnati, NYC, Philly, St. Louis, TN, Army 16,730
4. 1850 -- Cholera, esp. Sac. & SF, CA, IL, IN, KY, LA, MO, OH, TN, WI²⁸⁹ --14,158-14,637
5. 1854 -- Cholera, esp. Boston, Chicago, Detroit, NYC, Pittsburgh, St. Louis -10,009-10,046
6. 1873 -- Feb-Sep, Cholera, esp. AL/AR//IL/IN/IA/KY/LA/MS/MO/OH/TN ~4,539-4,599
7. 1852 -- Cholera Epidemic, esp. Chicago, New Orleans, Rochester, St. Louis, MO --3,532
8. 1833 -- Feb-Aug esp., Cholera, esp. KY (1765), NOLA (1000) and Cincinnati (176) --3,381
9. 1851 -- Cholera, esp. June-Aug, esp. St. Louis, IL, New Orleans, Cincinnati, SD Territory;
also AL, AR, IN, IA, KS, KY, TN, WI, Riverine Maritime (esp. MS) --3,314-3,322
10. 1834 -- ~July-Nov, Cholera, esp. Baltimore, Cleveland, Detroit, Rochester; esp. NYC--~1,693

11. 1872 -- Cholera, Philadelphia, PA --1,666
12. 1848 -- Dec, Cholera, New Orleans, also MS River, Cincinnati, Chicago, St. Louis --1,616
13. 1855 -- May-Aug, Cholera, IL, LA, KS, KY, MO, OH, WI, esp. New Orleans -1,450-1,550
14. 1867 -- Jun-Dec, Cholera Epidemic, esp. New Orleans, St. Louis, TN, U.S. Army --1,536
15. 1835 -- Apr-Aug, Cholera, IN, NOLA, KY, MO, OH, SC, TN²⁹⁰ --590-601
16. 1853 -- Cholera, New Orleans, LA (585); Choctaw on Arkansas River, OK (14) -- 599
17. 1855 -- Cholera, Sep 05, aboard Steamship Sierra Nevada, leaving NY -- 95
18. 1895 -- Mid-Aug-Oct 3, Cholera Epidemic, Honolulu, HI --63-65
19. 1879 -- July-mid to early Aug, Cholera-like Epidemic, Center Point and Walker, IA --24-28

²⁸⁸ There were outbreaks in other States (see narrative document). We note that our sources could not have had access to all cholera deaths in areas of coverage. Collins and Collins write in *History of Kentucky*, there were many more deaths in the smaller towns and the countryside than they were able to chronicle. This must have been true all up and down routes of river and rail traffic as well as in the wagon trains heading west during the Gold Rush. In addition, part of explanation for the range concerns what was called a death by cholera or a death caused by cholera-like symptoms, such as diarrhea or dysentery (interestingly co-incident in epidemic form during a cholera outbreak).

²⁸⁹ This reflects zero Plains Native American deaths, whereas the range of cholera deaths amongst Plains natives in 1849 was 5,600-6,500. We believe that there must have significant loss of life, but have just not located sources.

²⁹⁰ Especially Madison, IN (epidemic with 32 deaths), New Orleans with 140-150, Russelville (120) and Versailles (64) KY; Palmyra, MO with 19; Red Lion (18) and West Union (16) OH. Charleston, SC was noted as having “suffered” but we find no statistics. In TN, Franklin (10), Memphis (35) and TN (Nashville) Penitentiary (28), esp.

Disease, select communicable, infectious -- CHOLERA subset -- Chronological

1. 1832 -- June-Dec 16, Cholera Epidemics, esp. DC/LA/MD/NJ/NY/OH/PA/VA --16,781-18,491
2. 1833 -- Feb-Aug esp., Cholera, esp. KY (1765), NOLA (1000) and Cincinnati (176) --3,381
3. 1834 -- ~July-Nov, Cholera, esp. Baltimore, Cleveland, Detroit, Rochester; esp. NYC~1,693
4. 1835 -- Apr-Aug, Cholera, IN, NOLA, KY, MO, OH, SC, TN²⁹¹ --590-601

5. 1848 -- Dec, Cholera, New Orleans, also MS River, Cincinnati, Chicago, St. Louis --1,616
6. 1849 -- Cholera, esp. IL, IN, KY, NOLA, MA, MI, MO, NY, OH, PA, TN, TX²⁹² --45,287-51,206

7. 1850 -- Cholera, esp. Sac. & SF, CA, IL, IN, KY, LA, MO, OH, TN, WI²⁹³ --14,158-14,637
8. 1851 -- Cholera, esp. June-Aug, esp. St. Louis, IL, New Orleans, Cincinnati, SD Territory;
also AL, AR, IN, IA, KS, KY, TN, WI, Riverine Maritime (esp. MS) --3,314-3,322
9. 1852 -- Cholera Epidemic, esp. Chicago, New Orleans, Rochester, St. Louis, MO --3,532
10. 1853 -- Cholera, New Orleans, LA (585); Choctaw on Arkansas River, OK (14) -- 599
11. 1854 -- Cholera, esp. Boston, Chicago, Detroit, NYC, Pittsburgh, St. Louis --10,009-10,046
12. 1855 -- May-Aug, Cholera, IL, LA, KS, KY, MO, OH, WI, esp. New Orleans --1,450-1,550
13. 1855 -- Sep 05, Cholera, aboard Steamship Sierra Nevada, leaving NY -- 95

14. 1866 -- May-Oct Cholera Epidemic, Cincinnati, NYC, Philly, St. Louis, TN, Army 16,730
15. 1867 -- Jun-Dec, Cholera Epidemic, esp. New Orleans, St. Louis, TN, U.S. Army --1,536

16. 1872 -- Cholera, Philadelphia, PA --1,666
17. 1873 -- Feb-Sep, Cholera, esp. AL/AR//IL/IN/IA/KY/LA/MS/MO/OH/TN ~4,539-4,599
18. 1879 -- July-mid to early Aug, Cholera-like Epidemic, Center Point and Walker, IA --24-28

19. 1895 -- Mid-Aug-Oct 3, Cholera Epidemic, Honolulu, HI --63-65

²⁹¹ Especially Madison, IN (epidemic with 32 deaths), New Orleans with 140-150, Russelville (120) and Versailles (64) KY; Palmyra, MO with 19; Red Lion (18) and West Union (16) OH. Charleston, SC was noted as having “suffered” but we find no statistics. In TN, Franklin (10), Memphis (35) and TN (Nashville) Penitentiary (28), esp.

²⁹² There were outbreaks in other States (see narrative document). We note that our sources could not have had access to all cholera deaths in areas of coverage. Collins and Collins write in *History of Kentucky*, there were many more deaths in the smaller towns and the countryside than they were able to chronicle. This must have been true all up and down routes of river and rail traffic as well as in the wagon trains heading west during the Gold Rush. In addition, part of explanation for the range concerns what was called a death by cholera or a death caused by cholera-like symptoms, such as diarrhea or dysentery (interestingly co-incident in epidemic form during a cholera outbreak).

²⁹³ This reflects zero Plains Native American deaths, whereas the range of cholera deaths amongst Plains natives in 1849 was 5,600-6,500. We believe that there must have significant loss of life, but have just not located sources.

Disease, select communicable/infectious – CROUP – by Mortality

- | | | |
|----|---|--------|
| 1. | 1879 -- June-May, 1880 -- Croup , especially Oct-Dec, especially IL, PA and TN | 17,966 |
| 2. | 1860 -- Croup (contagious upper airway viral infection), nationwide | 15,188 |
| 3. | 1850 -- Croup (contagious upper airway viral infection), nationwide | 10,706 |
| 4. | 1870 -- Croup (contagious upper airway viral infection), nationwide | 10,692 |

Disease, select communicable/infectious – CROUP – Chronological

- | | | |
|----|---|--------|
| 1. | 1850 -- Croup (contagious upper airway viral infection), nationwide | 10,706 |
| 2. | 1860 -- Croup (contagious upper airway viral infection), nationwide | 15,188 |
| 3. | 1870 -- Croup (contagious upper airway viral infection), nationwide | 10,692 |
| 4. | 1879 -- June-May, 1880 -- Croup , especially Oct-Dec, especially IL, PA and TN | 17,966 |

Disease, select communicable/infectious -- DIPHTHERIA subset – By Mortality

1.	1890 -- Diphtheria and Croup, especially IL, MA, NJ, NY	41,677
2.	1879 -- June-May 1880, Diphtheria, esp. Sep-Jan, esp. children, esp. PA, IL, NY, IA	38,143
3.	1916 -- Diphtheria, especially children, nationwide, esp. PA, NY, MI	>8,000-17,000
4.	1920 -- Diphtheria & Croup, esp. NY/1,931, PA/1,733, IL/1128, MI/885 ²⁹⁴	--13,395
5.	1907 -- Diphtheria and Croup, census registration area, esp. NY and PA (esp. Philly)	10,154
6.	1870 -- Diphtheria, nationwide	--6,303
7.	1931 -- The year, Diphtheria, especially children, especially AR, IL, KY and PA	--5,738
8.	1735-1741 (esp. 1735-37), “Throat Distemper” (Diphtheria), ²⁹⁵ esp. CT/ME/MA/NH	--5,000
9.	1887 -- Diphtheria, NYC, NY	--4,509
10.	1893-94 -- Dec 24- Dec 22 -- Diphtheria, Brooklyn & NYC, NY	--2,858
11.	1939 -- Diphtheria, esp. Jan-Mar, Sep-Dec, Nationwide, esp. GA, IL, NC, TX, VA	--1,997
12.	1914 -- Diphtheria and Croup, NYC, NY	--1,489
13.	1913 -- Diphtheria and Croup, NYC, NY	--1,333
14.	1911 -- Diphtheria and Croup, NYC, NY	--1,281
15.	1915 -- Diphtheria and Croup, NYC, NY	--1,278
16.	1912 -- Diphtheria and Croup, NYC, NY	--1,125
17.	1879 -- Diphtheria, MN (955) and Hudson County, NJ (120) ²⁹⁶	--1,071
18.	1875 -- Croup and Diphtheria, MI (374) and Hudson County, NJ (533)	-- 907
19.	1880 -- Oct-Jan 8, 1881, Diphtheria epidemic, esp. children, Brooklyn, NYC, NY	-- 688
20.	1877 -- Diphtheria, Santa Cruz, CA; Hudson County, NJ	-- 349
21.	1876 -- Diphtheria, Hudson County, NJ	-- 327
22.	1751-52 -- “Throat Distemper” (Diphtheria), esp. Abington/Hingham/Weymouth, MA	--240-290
23.	1878 -- Diphtheria, Hudson County, NJ	-- 177
24.	1858 -- Diphtheria, April-Fall, Albany, NY	-- 167
25.	1767-70-- Diphtheria epidemic (12% of population, mostly children), Oxford, MA	--96-144
26.	1747 -- “Throat Distemper (Diphtheria), MA (\geq 89) and Kensington, NH (48-52)	--137- \geq 141
27.	1749-50 -- “Throat Distemper” (Diphtheria), MA, esp. Tewksbury (\geq 38)	-- \geq 106-112
28.	1895 -- Diphtheria, Jan-Jun, esp. Boston, Brooklyn, New York	-- 99
29.	1742 -- Aug-Jan 1743 (esp.), “Throat Ail” (Diphtheria), Greenland & esp. Stratham, NH--	97
30.	1753 -- “Throat Distemper (Diphtheria), Exeter, Stratham and Rye, NH	-- ~72
31.	1795 -- “Throat Distemper” (Diphtheria), Royalston (66) and Rutland (5) MA	-- 71

²⁹⁴ Data from 34 Census Bureau Registration States and a number of cities \geq 100,000 in non-registration states.

²⁹⁵ Referred to as throat distemper, and other names at the time, descriptions point to what was later named diphtheria. Scarlet fever occurred as well, with deaths, but sources indicate the major epidemic was diphtheria.

²⁹⁶ There is a 7-month overlap in the June 1879-May 1880 U.S. Census diphtheria count.

Disease, select communicable/infectious -- DIPHTHERIA subset – By Mortality

32. 1810-11 -- “Canker Rash” (Diphtheria or Scarlet Fever), ²⁹⁷ children, Winchendon, MA--	59
33. 1754-55, Jan ‘54-July ‘55 -- “Throat Distemper” (Diphtheria), esp. children, Hampton NH--	51
34. 1883 -- Sep-Oct, Diphtheria, Orange County, NC	-- 22
35. 1745 -- “Throat Distemper” (Diphtheria), Hampton and especially Kensington/16, NH--	21
36. 1776 -- “Throat Ail” (Diphtheria?), especially children, Athol, MA	-- 16
37. 1764 -- “Throat Distemper” (Diphtheria), especially children, Westminster, MA	-- 15
38. 1756 -- Summer, Diphtheria epidemic, children, Saco, ME	-- 14
39. 1755 -- Early Fall, Diphtheria, New Casco, ME	-- 10
40. 1763 -- Winter, Throat Distemper Epidemic (Diphtheria), Philadelphia, PA	-- >10
41. 1769 -- Throat Distemper (diphtheria), especially children, New York City, NY	-- >10

²⁹⁷ “Canker rash” was a term used to describe both what was later referred to as scarlet fever and diphtheria. There were similar and dissimilar symptoms. Thus without detailed descriptions at the time it is not clear which disease. Thus, we choose to cross-list this entry in both Diphtheria and Scarlet Fever, rather than once in “Other.”

Disease, select communicable/infectious -- DIPHTHERIA subset -- Chronological

1. 1735-1741 (esp. 1735-37), "Throat Distemper" (Diphtheria),²⁹⁸ esp. CT/ME/MA/NH --5,000
2. 1742 -- Aug-Jan 1743 (esp.), "Throat Ail" (Diphtheria), Greenland & esp. Stratham, NH-- 97
3. 1745 -- "Throat Distemper" (Diphtheria), Hampton and especially Kensington/16, NH-- 21
4. 1747 -- "Throat Distemper (Diphtheria), MA (≥ 89) and Kensington, NH (48-52) --137- ≥ 141
5. 1749-50 -- "Throat Distemper" (Diphtheria), MA, esp. Tewksbury (≥ 38) -- ≥ 106 -112
6. 1751-52 -- "Throat Distemper" (Diphtheria), esp. Abington/Hingham/Weymouth, MA--240-290
7. 1753 -- "Throat Distemper (Diphtheria), Exeter, Stratham and Rye, NH -- ~72
8. 1754-55, Jan '54-July '55 -- "Throat Distemper" (Diphtheria), esp. children, Hampton NH-- 51
9. 1756 -- Summer, Diphtheria epidemic, children, Saco, ME -- 14
10. 1763 -- Winter, Throat Distemper Epidemic (Diphtheria), Philadelphia, PA -- >10

11. 1764 -- "Throat Distemper" (Diphtheria), especially children, Westminster, MA -- 15
12. 1767-70 -- Diphtheria epidemic (12% of population, mostly children), Oxford, MA --96-144
13. 1769 -- Throat Distemper (diphtheria), especially children, New York City, NY -- >10

14. 1776 -- "Throat Ail" (Diphtheria?), especially children, Athol, MA -- 16

15. 1795 -- "Throat Distemper" (Diphtheria), Royalston (66) and Rutland (5) MA -- 71

16. 1810-11 -- "Canker Rash" (Diphtheria or Scarlet Fever),²⁹⁹ children, Winchendon, MA-- 59

17. 1858 -- Diphtheria, April-Fall, Albany, NY -- 167

18. 1870 -- Diphtheria, nationwide --6,303
19. 1875 -- Croup and Diphtheria, MI (374) and Hudson County, NJ (533) -- 907
20. 1876 -- Diphtheria, Hudson County, NJ -- 327
21. 1877 -- Diphtheria, Santa Cruz, CA; Hudson County, NJ -- 349
22. 1878 -- Diphtheria, Hudson County, NJ -- 177
23. 1879 -- Diphtheria, MN (955) and Hudson County, NJ (120)³⁰⁰ --1,071
24. 1879 -- Jun-May 1880, Diphtheria, esp. Sep-Jan, esp. children, esp. PA, IL, NY, IA 38,143

25. 1880 -- Oct-Jan 8, 1881, Diphtheria epidemic, esp. children, Brooklyn, NYC, NY -- 688
26. 1883 -- Sep-Oct, Diphtheria, Orange County, NC -- 22
27. 1887 -- Diphtheria, NYC, NY --4,509

28. 1890 -- Diphtheria and Croup, especially IL, MA, NJ, NY 41,677

29. 1893-94 -- Dec 24, 1893-Dec 22, 1894, Diphtheria, Brooklyn & NYC, NY --2,858

²⁹⁸ Referred to as throat distemper, and other names at the time, descriptions point to what was later named diphtheria. Scarlet fever occurred as well, with deaths, but sources indicate the major epidemic was diphtheria.

²⁹⁹ "Canker rash" was a term used to describe both what was later referred to as scarlet fever and diphtheria. There were similar and dissimilar symptoms. Thus without detailed descriptions at the time it is not clear which disease. Thus, we choose to cross-list this entry in both Diphtheria and Scarlet Fever, rather than once in "Other."

³⁰⁰ There is a 7-month overlap in the June 1879-May 1880 U.S. Census diphtheria count.

Disease, select communicable/infectious -- DIPHTHERIA subset -- Chronological (cont.)

30. 1895 -- Diphtheria, Jan-Jun, esp. Boston, Brooklyn, New York	-- 99
31. 1907 -- Diphtheria and Croup, census registration area, esp. NY and PA (esp. Philly)	10,154
32. 1911 -- Diphtheria and Croup, NYC, NY	--1,281
33. 1912 -- Diphtheria and Croup, NYC, NY	--1,125
34. 1913 -- Diphtheria and Croup, NYC, NY	--1,333
35. 1914 -- Diphtheria and Croup, NYC, NY	--1,489
36. 1915 -- Diphtheria and Croup, NYC, NY	--1,278
37. 1916 -- Diphtheria, especially children, nationwide, esp. PA, NY, MI	>8,000-17,000
38. 1920 -- Diphtheria & Croup, esp. NY/1,931, PA/1,733, IL/1128, MI/885 ³⁰¹	--13,395
39. 1931 -- The year, Diphtheria, especially children, especially AR, IL, KY and PA	--5,738
40. 1939 -- Diphtheria, esp. Jan-Mar, Sep-Dec, Nationwide, esp. GA, IL, NC, TX, VA	--1,997

³⁰¹ Data from 34 Census Bureau Registration States and a number of cities $\geq 100,000$ in non-registration states.

Disease -- DYSENTERY -- By Mortality

1. 1920 -- Dysentery, 33 registration states --3,574
2. 1775 -- Dysentery, DE, MD, NJ (≥ 10), but primarily CT (≥ 146) and MA (≥ 326) -- ≥ 482
3. 1777 -- Dysentery, CT, NJ, PA, VT, and especially MA (≥ 255) and NY (≥ 100) -- ≥ 416
4. 1749 -- Dysentery Epidemics, CT, esp. Waterbury (130) Woodbury (57), CT --252-262
5. 1756 -- Epidemics, esp. Dysentery; Mass. Bay Col., esp. Rutland/60, Lancaster/42, MA -- > 225
6. 1797 -- Sum-fall, Dysentery, esp. Nantucket Isl. (100), Westport, MA (30); Hanover NH (24)--163
7. 1795 -- Dysentery epidemics, esp. Branford/East Haven/New Haven, CT/96, Norwich VT/60-- ≥ 156
8. 1798 -- Sum-fall, Dysentery, VT, esp. Norwich/Pomfret/Salem/Sandgate, Shays' Stlmt., VT-- ≥ 141
9. 1802 -- Aug-Nov 2, Dysentery, esp. Greenfield & Shelburne MA (92), Bridport, VT (16)--137
10. 1796 -- Dysentery, VT, MA, esp. Sheffield/mill ponds area, MA & Worcester MA-- $\geq 113-129$

11. 1751 -- Dysentery Epidemic, Canaan (~10), Hartford (64) and New Haven (45), CT -- ~119
12. 1800 -- Sum., Dysentery outbreak, esp. children, esp. Francestown & Hanover NH --103-113
13. 1778 -- Late Sum-Fall, Dysentery, esp. Dunstable, Lexington, Medford, Tewksbury, MA-111
14. 1769 -- Aug-Sep, Flux (Dysentery) and Fever Outbreak, esp. children, Boston, MA -- ~108
15. 1803 -- Sum-fall, Dysentery, MA & VT, especially, Stowe and Stockbridge, VT (50) -- ≥ 82
16. 1745 -- Malignant Dysentery Epidemics, Shrewsbury, MA, esp. Stamford (one st.), CT -- ≥ 80
17. 1776 -- Dysentery Epidemics, NY (especially northern NY), MA and NJ -- ≥ 76
18. 1746 -- Dysentery ("Fever & Flux") Epidemics, esp. Harvard/37, Westborough/25 MA -- ≥ 62
19. 1742 -- Aug-Summer 1743, Dysentery outbreak, East Haven (population ~500), CT --43-60
20. 1804 -- Summer-Fall (2 month period), Dysentery (especially children), Orwell, VT -- 60
21. 1676 -- Aug-Sep, Bloody Flux (Dysentery) Mass. Bay Colony, especially Boston³⁰² -- 50
22. 1805 -- Sep-Oct (esp.), Dysentery, esp. Ashburnham/9, Beverly/24, Cambridge/9, MA-- 50
23. 1767 -- Late summer, Epidemic (Dysentery?), New York City, NY³⁰³ -- ≥ 30
24. 1799 -- Sum-Fall, Dysentery, especially children, Hanover and adjacent towns, NH --20-30
25. 1753 -- Late Summer-Fall (~2 mo.), Dysentery ("Camp Distemper"), esp. Norwich, CT-- 28
26. 1801 -- Oct (1st week), Dysentery (3-4 children a day), Salem, MA -- ≥ 10

³⁰² Fifty deaths in August (Increase Mather). Was also reported still deadly in September but we have no numbers.

³⁰³ Our number. Source notes "fifteen deaths were reported daily" during an epidemic (dysentery section of a paper).

Disease -- DYSENTERY -- Chronological

1. 1676 -- Aug-Sep, Bloody Flux (Dysentery) Mass. Bay Colony, especially Boston³⁰⁴ -- 50
2. 1742 -- Aug-Summer 1743, Dysentery outbreak, East Haven (population ~500), CT --43-60
3. 1745 -- Malignant Dysentery Epidemics, Shrewsbury, MA, esp. Stamford (one st.), CT -- ≥80
4. 1746 -- Dysentery (“Fever & Flux”) Epidemics, esp. Harvard/37, Westborough/25 MA -- ≥62
5. 1749 -- Dysentery Epidemics, CT, esp. Waterbury (130) Woodbury (57), CT --252-262
6. 1751 -- Dysentery Epidemic, Canaan (~10), Hartford (64) and New Haven (45), CT -- ~119
7. 1753 -- Late Summer-Fall (~2 mo.), Dysentery (“Camp Distemper”), esp. Norwich, CT-- 28
8. 1756 -- Epidemics, esp. Dysentery; Mass. Bay Col., esp. Rutland/60, Lancaster/42, MA -->225
9. 1767 -- Late summer, Epidemic (Dysentery?), New York City, NY³⁰⁵ -- ≥30
10. 1769 -- Aug-Sep, Flux (Dysentery) and Fever Outbreak, esp. children, Boston, MA -- ~108
11. 1775 -- Dysentery, DE, MD, NJ (≥10), but primarily CT (≥146) and MA (≥326) -- ≥482
12. 1776 -- Dysentery Epidemics, NY (especially northern NY), MA and NJ -- ≥76
13. 1777 -- Dysentery, CT, NJ, PA, VT, and especially MA (≥255) and NY (≥100) -- ≥416
14. 1778 -- Late Sum-Fall, Dysentery, esp. Dunstable, Lexington, Medford, Tewksbury, MA-111
15. 1793 -- Dysentery, Coventry, CT, Caroline Co., MD, esp. Georgetown DC & vic. --Hundreds
16. 1795 -- Dysentery epidemics, esp. Branford/East Haven/New Haven, CT/96, Norwich VT/60--≥156
17. 1796 -- Dysentery, VT, MA, esp. Sheffield/mill ponds area, MA & Worcester MA--≥113-129
18. 1797 -- Sum-fall, Dysentery, esp. Nantucket Isl. (100), Westport, MA (30); Hanover NH (24)--163
19. 1798 -- Sum-fall, Dysentery, VT, esp. Norwich/Pomfret/Salem/Sandgate, Shays’ Stlmt., VT--≥141
20. 1799 -- Sum-Fall, Dysentery, especially children, Hanover and adjacent towns, NH --20-30
21. 1800 -- Summer, Dysentery epidemic, esp. children, Hanover and adjacent towns, NH--70-80
22. 1801 -- Oct (1st week), Dysentery (3-4 children a day), Salem, MA -- ≥10
23. 1802 -- Aug 1-Nov 2, Dysentery, especially children, Greenfield, MA -- 52
24. 1803 -- Sum-fall, Dysentery, MA & VT, especially, Stowe and Stockbridge, VT (50) -- ≥82
25. 1804 -- Summer-Fall (2 month period), Dysentery (especially children), Orwell, VT -- 60
26. 1805 -- Sep-Oct (esp.), Dysentery, esp. Ashburnham/9, Beverly/24, Cambridge/9, MA-- 50
27. 1920 -- Dysentery, 33 registration states --3,574

³⁰⁴ Fifty deaths in August (Increase Mather). Was also reported still deadly in September but we have no numbers.

³⁰⁵ Our number. Source notes “fifteen deaths were reported daily” during an epidemic (dysentery section of a paper).

Disease -- HANTAVIRUS

1. 1993 -- May esp., Hantavirus Pulmonary Syndrome, esp. Native Americans, NM/AZ-13-16

Disease – Select Communicable -- **HIV/AIDS** -- **by Mortality**

1. 2010 -- HIV/AIDS, U.S., nationally

--15,525

Disease, select communicable -- INFLUENZA, Pneumonia, Grip subset -- By Mortality

1.	1918-1919, Influenza and Pneumonia Epidemic	531,851-728,922
	1918 -- Influenza and Pneumonia Epidemic	430,000-543,482
	1919 -- Influenza and Pneumonia Epidemic	101,851-185,440
2.	1920 -- Influenza and Pneumonia, nationwide	141,609-220,798
3.	1931 -- Influenza (31,701) and Pneumonia, all forms (96,974), especially PA	128,675
4.	1917 -- Influenza and Pneumonia, nationwide	115,526
5.	1930 -- Influenza and Pneumonia, nationwide	102,504
6.	1939 -- Influenza (21,464) & Pneumonia, esp. CA, IL, MI MO, NY, OH, PA, TX	99,097
7.	1940 -- Influenza and Pneumonia, esp. CA, IL, MO, NY, OH, PA, TN, TX	92,525
8.	1957-58 -- (esp. Fall-Spring), “Asian” Influenza (and Pneumonia), nationwide	~70,000
9.	1966 -- Jan-Dec, Influenza and Pneumonia, nationwide	63,615
10.	1928-1929 – Winter, Influenza and Pneumonia Epidemic	~50,000
11.	1870 -- Pneumonia, esp. AL, GA, IL, IN, KY, MA, MO, NY, OH, PA, TN, TX, VA	40,012
12.	1968-69 -- (Sep-March), A2 “Hong Kong” Influenza (and Pneumonia), nationwide	33,800
13.	1915, Dec-Jan 1916, Influenza & Pneumonia, LA, MD, NJ, NY, OH, PA, RI, WI	21,102
14.	1890 -- Jan-Mar, Influenza (La Grippe/Russian Flu), esp. IL, Northeast ³⁰⁶	16,124-17,626
15.	1944 -- Influenza, especially Jan-Apr & Dec, Nationwide, especially OH, PA, TX	17,320
16.	1891 -- March-May, Influenza and Pneumonia Epidemic, esp. Chicago, IL & NY	12,472
17.	2009 -- April 12-April 10, 2010, H1N1 “Swine Flu” Pandemic (U.S.)	12,469
18.	1914 -- The Year, Influenza and Pneumonia, NYC, NY	10,500
19.	1907 -- Influenza, Census “Registration” States and Localities	≥10,066
20.	1812 -- Oct-June 1813 (esp.), Peripneumony/Lung Fever (pneumonia), VT, esp. Burlington	-4350-6400
21.	1912 -- March 24-June 8, Pneumonia, Chicago, IL, NYC, NY	--4,342
22.	1900 -- June-Dec, Measles / Flu Epidemics, Native Alaskans, esp. western AK ³⁰⁷	--2000-2500
23.	1893, Dec-Jan 1894, Epidemic Influenza, NY	--2,200
24.	2009, Aug 30-April 3, 2010--Influenza (especially H1N1) Pandemic, nationwide ³⁰⁸	--2,125
25.	1793 -- Influenza Epidemic, 5 counties, 4 weeks, VA	-- 500
26.	2009, Apr 15-Oct 2, 2010 -- Pediatric Influenza deaths during H1N1 Flu Pandemic	-- 348
27.	1760, Wtr.-Spring 1761 -- Influenza Epidemic, esp. Natives, esp. CT, MA, ME, PA	--hundreds

³⁰⁶ Technically, what became the flu epidemic of early 1890 began in late December 1889.

³⁰⁷ Cross-listed in Measles.

³⁰⁸ Laboratory-confirmed and reported to the CDC deaths; out of 41,914 cases. Includes 348 pediatric flu deaths.

Disease subset -- INFLUENZA, Pneumonia, Grip -- By Mortality (cont.)

28. 1711-12 -- Winter (within two months), “Malignant Distemper” (Influenza?), CT	--	250
29. 2012, Sep-Jan ‘13, Pediatric Influenza deaths reported to the CDC, multiple States	--	171
30. 2003-04 -- Pediatric Influenza-Associated deaths reported to the CDC from 40 States	--	153
31. 2010-11 -- Sep-Aug 2011, Pediatric Influenza-assoc. deaths reported to CDC, 33 States--		115
32. 2013-14 – Pediatric Influenza deaths reported to the CDC, multiple States	--	111
33. 1647 -- Influenza, CT (~40-50) and MA (~40-50) Natives and other colonies (?)	--	≥100
34. 2007-08 -- Pediatric Influenza deaths reported to the CDC, multiple States	--	83
35. 2006-07 -- Pediatric Influenza deaths reported to the CDC, multiple States	--	76
36. 1697-98 -- ~Nov 1697--~Feb 1698 (3 mo.), “mortal disease” (influenza?), Fairfield, CT--		70
37. 2008-09 -- Pediatric Influenza deaths reported to the CDC from 24 States & NYC ³⁰⁹	--	67
38. 1917 -- Dec 21, Pneumonia, NYC, NY	--	56
39. 1901 -- Grip (Influenza) Epidemic, Jan 1-12, St. Louis, MO	--	54
40. 2004-05 -- Pediatric Influenza deaths reported to the CDC, multiple States	--	47
41. 2005-06 -- Pediatric Influenza deaths reported to the CDC, multiple States	--	46
42. 1770-71 -- Winter, Influenza Epidemic “took scores of lives,” Philadelphia, PA	--	≥40
43. 1853 -- Pneumonia outbreak, Native Americans, near Cherokee, Butte County, CA	--	40
44. 2011-12 – Pediatric Influenza-Associated deaths reported to the CDC, multiple States	--	37
45. 1732 -- Oct, Influenza outbreak, New England, NY, Philadelphia/10, esp. Ipswich MA/17--		≥36
46. 1764 -- Jan 20-30, “Nervous Pleuritic Disorder” (respiratory infection), Newport, RI ³¹⁰ --		14

³⁰⁹ Sep 28, 2008-April 18, 2009 influenza season.

³¹⁰ Placed in the “Influenza” sub-type in that both sources used thought this was outbreak was probably influenza.

Disease, select communicable -- INFLUENZA, Pneumonia, Grip subset -- Chronological

1. 1647 -- Influenza, CT (~40-50) and MA (~40-50) Natives and other colonies (?) -- ≥ 100
2. 1697-98 -- ~Nov 1697--~Feb 1698 (3 mo.), “mortal disease” (influenza?), Fairfield, CT-- 70
3. 1711-12 -- Winter (within two months), “Malignant Distemper” (Influenza?), CT -- 250
4. 1732 -- Oct, Influenza outbreak, New England, NY, Philadelphia, esp. Ipswich MA/17-- ≥ 36
5. 1760-61 -- Wtr.-Spring, Influenza Epidemic, esp. Natives, esp. CT, MA, ME, PA --hundreds
6. 1764 -- Jan 20-30, “Nervous Pleuritic Disorder” (respiratory infection), Newport, RI³¹¹-- 14
7. 1770-71 -- Winter, Influenza Epidemic “took scores of lives,” Philadelphia, PA -- ≥ 40
8. 1793 -- Influenza Epidemic, 5 counties, 4 weeks, VA -- 500
9. 1812 -- Oct-June 1813 (esp.), Peripneumony/Lung Fever (pneumonia), VT, esp. Burlington -4350-6400
10. 1853 -- Pneumonia outbreak, Native Americans, near Cherokee, Butte County, CA -- 40
11. 1870 -- Pneumonia, esp. AL, GA, IL, IN, KY, MA, MO, NY, OH, PA, TN, TX, VA 40,012
12. 1890 -- Jan-Mar, Influenza (La Grippe/Russian Flu), esp. IL, Northeast³¹² 16,124-17,626
13. 1891 -- March-May, Influenza and Pneumonia Epidemic, esp. Chicago, IL & NY 12,472
14. 1893-94 -- (Dec 1893-Jan 1894), Epidemic Influenza, NY --2,200
15. 1900 -- Jun-Dec, Measles / Flu Epidemics, Native Alaskans, esp. western AK³¹³ ~2000-2500
16. 1901 -- Jan 1-12, Grip (Influenza) Epidemic, St. Louis, MO -- 54
17. 1907 -- Influenza, Census “Registration” States and Localities $\geq 10,066$
18. 1912 -- Mar 24-Jun 8, Pneumonia, Chicago, IL, NYC, NY --4,342
19. 1914 -- The Year, Influenza and Pneumonia, NYC, NY 10,500
20. 1915-16 - Dec-Jan 1916, Influenza & Pneumonia, LA, MD, NJ, NY, OH, PA, RI, WI 21,102
21. 1917 -- Influenza and pneumonia, Nationwide 115,526
22. 1917 -- Dec 21, Pneumonia, NYC, NY -- 56
23. 1918-1919, Influenza and Pneumonia Epidemic 531,851-728,922

1918 -- Influenza and Pneumonia Epidemic	430,000-543,482
1919 -- Influenza and Pneumonia Epidemic	101,851-185,440
24. 1920 -- Influenza and Pneumonia (1918-1920 subset) 141,609-220,798
25. 1928-1929 – Winter, Influenza and Pneumonia Epidemic ~50,000

³¹¹ Placed in the “Influenza” sub-type in that both sources used thought this was outbreak was probably influenza.

³¹² Technically, what became the flu epidemic of early 1890 began in late December 1889.

³¹³ Cross-listed in Measles.

Disease, select communicable -- INFLUENZA, Pneumonia, Grip subset -- Chronological

26. 1930 -- Influenza and Pneumonia, nationwide	102,504
27. 1931 -- Influenza (31,701) and Pneumonia, all forms (96,974), especially PA	128,675
28. 1939 -- Influenza (21,464) & Pneumonia, esp. CA, IL, MI MO, NY, OH, PA, TX	99,097
29. 1940 -- Influenza and Pneumonia, esp. CA, IL, MO, NY, OH, PA, TN, TX	92,525
30. 1944 -- Influenza, especially Jan-Apr & Dec, Nationwide, especially OH, PA, TX	17,320
31. 1957-58 -- (especially Fall-Spring) "Asian" Influenza (and Pneumonia) Epidemic	~70,000
32. 1966 -- Jan-Dec, Influenza and Pneumonia, nationwide	63,615
33. 1968-69 (Sep-March), A2 "Hong Kong" Influenza (and Pneumonia) Epidemic	33,800
34. 2003-04 -- Pediatric Influenza-associated deaths reported to the CDC from 40 States	-- 153
35. 2004-05 -- Pediatric Influenza deaths reported to the CDC, multiple States	-- 47
36. 2005-06 -- Pediatric Influenza deaths reported to the CDC, multiple States	-- 46
37. 2006-07 -- Pediatric Influenza deaths reported to the CDC, multiple States	-- 76
38. 2007-08 -- Pediatric Influenza deaths reported to the CDC, multiple States	-- 83
39. 2008-09 -- Pediatric Influenza deaths reported to the CDC from 24 States & NYC ³¹⁴	-- 67
40. 2009-10 -- April 15-Oct 2, 2010 -- Pediatric Flu deaths during H1N1 Flu Pandemic	-- 348
41. 2009-10 -- April 12-April 10, 2010, H1N1 "Swine Flu" Pandemic (U.S.)	12,469
42. 2010, Sep-Aug 2011 -- Pediatric Influenza-associated deaths reported from 33 States	-- 115
43. 2011-12 -- Pediatric Influenza-associated deaths reported to the CDC, multiple States	-- 37
44. 2012-13, Sep-Jan 2013 -- Pediatric Flu deaths reported to the CDC, multiple States	-- 171
45. 2013-14 -- Pediatric Influenza deaths reported to the CDC, multiple States	-- 111

³¹⁴ Sep 28, 2008-April 18, 2009 influenza season.

Disease, select communicable/infectious -- **LEGIONNAIRES'** – **By Mortality**

1. 1976 -- July, “Legionnaires’ Disease” Strikes in Philadelphia, PA -- 34
2. 2015 -- July-mid Aug, Legionnaires’ Disease, South Bronx, New York City, NY – 12

Disease, select communicable/infectious -- **LEGIONNAIRES'** – **Chronological**

1. 1976 -- July, “Legionnaires’ Disease” Strikes in Philadelphia, PA -- 34
2. 2015 -- July-mid Aug, Legionnaires’ Disease, South Bronx, New York City, NY – 12

Disease, select communicable/infectious -- MALARIA Subset -- By Mortality

1. 1879 -- June-May 1880, "Malarial Fever," esp. AL, AR, GA, IL, MS and MO	20,231
2. 1930 -- Malaria, nationwide, esp. AL, AR, FL, GA, LA, MS, OK, SC, TN, TX	--3,572
3. 1920 -- Malaria, esp. MS/683, LA/586, SC/487FL/344, NC/210 and TN/183 ³¹⁵	--3,136
4. 1931 -- Malaria, esp. AL, AR, FL, GA, LA, MS, MO, SC, TN	--2,536
5. 1939 -- Malaria, U.S., esp. May-Nov, especially AL, AR, FL, GA, LA, MS, SC, TX	--1,761
6. 1940 -- Malaria, nationwide, especially AL, AR, GA, MS, SC and TX	--1,442
7. 1833 -- Malaria Epidemic, ConCow Maidu Villages, Butte County, CA vicinity	-- ~800
8. 1863 -- Malaria (probably), Maidu Natives, Pence's Ranch, Butte County, CA ³¹⁶	-- 30

Disease, select communicable/infectious -- MALARIA Subset -- Chronological

1. 1833 -- Malaria Epidemic, ConCow Maidu Villages, Butte County, CA vicinity	-- ~800
2. 1863 -- Malaria (probably), Maidu Natives, Pence's Ranch, Butte County, CA ³¹⁷	-- 30
3. 1879 -- June-May 1880, "Malarial Fever," esp. AL, AR, GA, IL, MS and MO	20,231
4. 1920 -- Malaria, esp. MS/683, LA/586, SC/487FL/344, NC/210 and TN/183 ³¹⁸	--3,136
5. 1930 -- Malaria, nationwide, esp. AL, AR, FL, GA, LA, MS, OK, SC, TN, TX	--3,572
6. 1931 -- Malaria, esp. AL, AR, FL, GA, LA, MS, MO, SC, TN	--2,536
7. 1939 -- Malaria, esp. May-Nov, especially AL, AR, FL, GA, LA, MS, SC, TX	--1,761
8. 1940 -- Malaria, especially AL, AR, GA, MS, SC and TX	--1,442

³¹⁵ Based on death certificate data from 34 "registration states" as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

³¹⁶ Deaths in a three-week period (Aug 30, 1863 Marysville, CA *Appeal* report). Cook (1976, p. 275) estimates that "at least 100 must have perished" in an extended time-frame. "undoubtedly" from malaria.

³¹⁷ Deaths in a three-week period (Aug 30, 1863 Marysville, CA *Appeal* report). Cook (1976, p. 275) estimates that "at least 100 must have perished" in an extended time-frame. "undoubtedly" from malaria.

³¹⁸ Based on death certificate data from 34 "registration states" as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

Disease, select communicable/infectious -- MEASLES Subset – By Mortality

1.	1659 -- Measles Epidemic, Native Americans, FL	--10,000
2.	1848 -- Sep-early '49, Measles/Whooping Cough/Dysentery/Influenza Epidemics, HI	--10,000
3.	1870 -- Measles, nationwide, especially children	--9,237
4.	1880 -- Measles, nationwide, especially GA, IL, IN, KS and MO	--8,254
5.	1920 -- Measles, 34 registration states, esp. NY/1,177, PA/1,153, OH/750, IL/496 ³¹⁹	--7,712
6.	1906 -- Measles, nationwide, especially children	--5,087
7.	1921 -- Measles, nationwide, especially children	--4,667
8.	1907 -- Measles, Census "Registration" States and localities, especially children	--4,302
9.	1860 -- Measles, nationwide, especially NY, OH, MO and PA, esp. children	3,809-3,900
10.	1931 -- Measles, especially children, especially IL and PA	--3,576
11.	1896 -- Measles, esp. NYC/714, Brooklyn/333, Philadelphia/191, Cincinnati/100, CT	--3,178
12.	1850 -- Measles, nationwide, especially children	--2,983
13.	1900 -- Jun-Dec, Measles / Flu Epidemics, Native Alaskans, esp. western AK ³²⁰	--2000-2500
14.	1941 -- Measles, esp. children, esp. VA (170), GA (160), KY (158), SC (138), TN (133)	--2,279
15.	1944 -- Measles, especially Jan-June, Nationwide, especially CA, GA, OH, PA, TX	--1,923
16.	1943 -- Measles, especially children	--1,301
17.	1772 -- Measles Epidemics, Charleston, SC (800-900), Philadelphia, PA (180)	--980-1,080
18.	1912 -- Measles, NYC, NY	-- 671
19.	1911 -- Measles, NYC, NY	-- 659
20.	1915 -- Measles, NYC, NY	-- 630
21.	1950 -- Measles, esp. children, esp. MS (34), KY (30), MI (28), OH (27), NJ (26), TN (25)	-- 468
22.	1836-37 -- Measles, New York City, NY	-- 443
23.	1913 -- Measles, NYC, NY and Pittsburgh, PA	-- 423
24.	1960 -- Measles, especially children	-- 380
25.	1914 -- Measles, NYC, NY	-- 367
26.	1945 -- Measles, especially children	-- 307
27.	1847 -- Measles Epidemic, Fall, Cayuse Indians, Southwestern WA	-- >200
28.	1872 -- Measles Epidemic, Philadelphia, PA	-- 143
29.	1713 -- Oct-1714, Measles Epidemic, Boston (100) MA (also CT, RI, NY, NJ, NH, PA)	-- >109
30.	1990 -- Measles Resurgence (largest loss of life since 1971), esp. young children	--79-108
31.	1758-59 -- Measles Epidemic, Philadelphia, PA (cases also in MA ME NJ SC VA)	-- >100
32.	1888 -- Measles Epidemic, Omaha Nation, Nebraska Territory	-- 87
33.	1747 -- Measles Epidemic, Philadelphia, PA (cases noted also in CT, NH, NY, SC)	-- 84
34.	1874 -- Measles Epidemic, Omaha Nation, Nebraska Territory	-- 76
35.	1989 -- Measles, CDC reports 17,850 cases in 47 States and DC	--45-62
36.	1889 -- Measles Epidemic, Omaha Nation, Nebraska	-- 50
37.	1991 -- Jan-Dec, Measles resurgence, especially CA (8); NY (15); and PA (9)	-- 38
38.	1980 -- Measles	-- 11
39.	1992 -- Year, Measles, especially young children	-- 3-11

³¹⁹ Based on death certificate data from 34 "registration states" as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

³²⁰ Cross-listed in Influenza.

40. 1759 -- Measles (“many...in a short space of time; not a house exempt...”), Fairfield NJ \geq 10?

Fewer than ten deaths:

Disease, select communicable/infectious -- MEASLES Subset -- By Mortality

1715 -- Measles, Jan-April, New London, CT	--	9
1983 -- Measles/Rubella (German Measles) CA/1, FL/1, KS/1, MI/1, MN/1, NM/1, NC/1	--	7
1985 -- Measles (ICD-9, 055), AZ (1); IL (1); ME (1); MA (1); MO (1, ICD-9, 056)	--	5
1986 -- Measles, ICD-9, 055; LA/1, MS/1; ICD-9 056 (Rubella/German measles) TX/1	--	3
1988 -- Measles, LA County, CA/1 Palm Beach Co., FL/1 Palm Beach Co., OR/1	--	3
1987 -- Measles, Bristol and Middlesex counties, MA (boy, 5-9 and man, 55-64)	--	2
1984 -- Measles (ICD-9, 055), KY (1) Male, 35-44 (CDC WONDER)	--	1
1996 -- Year, Measles	--	1
2003 -- Year, Measles	--	1
2015 -- Year, Measles, Clallam County, WA	--	1
1993 -- Year, Measles	--	0
1994 -- Year, Measles	--	0
1995 -- Year, Measles	--	0
1997 -- Year, Measles	--	0
1998 -- Year, Measles	--	0
1999 -- Year, Measles	--	0
2000 -- Year, Measles	--	0
2001 -- Year, Measles	--	0
2002 -- Year, Measles	--	0
2004 -- Year, Measles	--	0
2005 -- Year, Measles	--	0
2006 -- Year, Measles	--	0
2007 -- Year, Measles	--	0
2008 -- Year, Measles	--	0
2009 -- Year, Measles	--	0
2010 -- Year, Measles	--	0
2011 -- Year, Measles	--	0
2012 -- Year, Measles	--	0
2013 -- Year, Measles	--	0
2014 -- Year, Measles	--	0

Disease, select communicable/infectious -- MEASLES Subset -- Chronological

1. 1659 -- Measles Epidemic, Native Americans, FL --10,000
2. 1713 -- Oct-1714, Measles Epidemic, Boston (100) MA (also CT, RI, NY, NJ, NH, PA)-- >109
3. 1715 -- Measles, Jan-April, New London, CT -- 9
4. 1747 -- Measles Epidemic, Philadelphia, PA (cases noted also in CT, NH, NY, SC) -- 84
5. 1758-59 -- Measles Epidemic, Philadelphia, PA (cases also in MA ME NJ SC VA) -->100
6. 1759 -- Measles (“many...in a short space of time; not a house exempt...”), Fairfield NJ≥10?
7. 1772 -- Measles Epidemics, Charleston, SC (800-900), Philadelphia, PA (180) --980-1,080

8. 1836-37 -- Measles, New York City, NY -- 443
9. 1847 -- Measles Epidemic, Fall, Cayuse Indians, Southwestern WA -->200
10. 1848 -- Sep-early ‘49, Measles/Whooping Cough/Dysentery/Influenza Epidemics, HI--10,000
11. 1850 -- Measles, nationwide --2,983
12. 1860 -- Measles, especially NY, OH, MO and PA 3,809-3,900
13. 1870 -- Measles, nationwide, especially children --9,237
14. 1872 -- Measles Epidemic, especially children, Philadelphia, PA -- 143
15. 1874 -- Measles Epidemic, Omaha Nation, Nebraska Territory -- 76
16. 1880 -- Measles, nationwide, especially GA, IL, IN, KS and MO --8,254
17. 1888 -- Measles Epidemic, Omaha Nation, Nebraska Territory -- 87
18. 1889 -- Measles Epidemic, Omaha Nation, Nebraska -- 50
19. 1896 -- Measles, esp. NYC/714, Brooklyn/333, Philadelphia/191, Cincinnati/100, CT --3,178

20. 1900 -- Jun-Dec, Measles / Flu Epidemics, Native Alaskans, esp. western AK³²¹ ~2000-2500
21. 1906 -- Measles, nationwide, especially children --5,087
22. 1907 -- Measles, Census “Registration” States and localities --4,302
23. 1911 -- Measles, NYC, NY -- 659
24. 1912 -- Measles, NYC, NY -- 671
25. 1913 -- Measles, NYC, NY and Pittsburgh, PA -- 423
26. 1914 -- Measles, NYC, NY -- 367
27. 1915 -- Measles, NYC, NY -- 630
28. 1920 -- Measles, 34 registration states, esp. NY/1,177, PA/1,153, OH/750, IL/496³²² --7,712
29. 1921 -- Measles, especially children, nationwide --4,667
30. 1931 -- Measles, especially children, especially IL and PA --3,576
31. 1941 -- Measles, esp. children, esp. VA (170), GA (160), KY (158), SC (138), TN (133) --2,279
32. 1943 -- Measles, especially children --1,301
33. 1944 -- Measles, especially Jan-June, nationwide, especially CA, GA, OH, PA, TX --1,923
34. 1945 -- Measles, especially children -- 307
35. 1950 -- Measles, esp. children, esp. MS (34), KY (30), MI (28), OH (27), NJ (26), TN (25) -- 468
36. 1960 -- Measles, especially children -- 380
37. 1980 -- Measles³²³ -- 11

³²¹ Cross-listed in Influenza.

³²² Based on death certificate data from 34 “registration states” as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

1983 -- Measles/Rubella (German Measles) CA/1, FL/1, KS/1, MI/1, MN/1, NM/1, NC/1 --	7
1984 -- Measles (ICD-9, 055), KY (1) Male, 35-44 (CDC WONDER search) --	1
1985 -- Measles (ICD-9, 055), AZ (1); IL (1); ME (1); MA (1); MO (1, ICD-9, 056) --	5
1986 -- Measles, ICD-9, 055; LA/1, MS/1; ICD-9 056 (Rubella/German measles) TX/1--	3
1987 -- Measles, Bristol and Middlesex counties, MA (boy, 5-9 and man, 55-64) --	2
1988 -- Measles, LA County, CA/1 Palm Beach Co., FL/1 Palm Beach Co., OR/1 --	3
38. 1989 -- Measles, CDC reports 17,850 cases in 47 States and DC --	45-62
39. 1990 -- Measles Resurgence (largest loss of life since 1971), esp. young children --	79-108
40. 1991 -- Jan-Dec, Measles resurgence, especially CA (8); NY (15); and PA (9) --	38
41. 1992 -- Year, Measles, especially young children --	3-11

Disease, select communicable/infectious -- **MEASLES** Subset -- **Chronological**

1993 -- Year, Measles	--	0
1994 -- Year, Measles	--	0
1995 -- Year, Measles	--	0
1996 -- Year, Measles	--	1
1997 -- Year, Measles	--	0
1998 -- Year, Measles	--	0
1999 -- Year, Measles	--	0
2000 -- Year, Measles	--	0
2001 -- Year, Measles	--	0
2002 -- Year, Measles	--	0
2003 -- Year, Measles	--	1
2004 -- Year, Measles	--	0
2005 -- Year, Measles	--	0
2006 -- Year, Measles	--	0
2007 -- Year, Measles	--	0
2008 -- Year, Measles	--	0
2009 -- Year, Measles	--	0
2010 -- Year, Measles	--	0
2011 -- Year, Measles	--	0
2012 -- Year, Measles	--	0
2013 -- Year, Measles	--	0
2014 -- Year, Measles	--	0
2015 -- Year, Measles, Clallam County, WA	--	1

³²³ Measles vaccine became available in 1963.

Disease -- MENINGITIS (Cerebrospinal - bacterial), includes Spotted Fever -- By Mortality

1. 1879 -- June-May 1880, Meningitis, nationwide, esp. KY, NY, PA, MO and TN --7,481
2. 1904-05 -- Cerebrospinal Meningitis Epidemic, New York City, NY --2,594-3,428
3. 1931 -- “Epidemic Cerebrospinal Meningitis,”³²⁴ U.S., esp. IL, NY and PA --2,832
4. 1944 -- Cerebrospinal Meningitis, nationwide, esp. CA, IL, MI, NJ, NY, OH, PA --2,812
5. 1872 -- Cerebral Spinal Meningitis, MA (esp. Boston), NYC, PA (esp. Philly) --1,090
6. 1864 -- Cerebral Spinal Meningitis Epidemic, Carbondale & Philadelphia, PA -- 784
7. 1911 -- Oct-June 8, 1912, Cerebrospinal Meningitis Epidemic, esp. TX , OK, MO -- 740
8. 1873 -- Cerebral Spinal Meningitis, Boston & Lowell MA, Philadelphia, PA -- 499
9. 1893 -- Cerebrospinal Meningitis Epidemic, New York City, NY -- 469
10. 1881 -- Cerebrospinal Meningitis Epidemic, New York City, NY -- 461

11. 1812 -- Feb-Apr, Spotted Fever/Meningitis, esp. Acworth & Antrim NH; Pomfret & Reading VT--265-325
12. 1811 -- “Spotted Fever” (Meningitis), NH (≥ 10) & VT, esp. Woodstock (60-70), VT-103-108
13. 1889 -- Jan-Feb, Cerebrospinal Meningitis Epidemic, Webster County, KY --50-70

Disease -- MENINGITIS (Cerebrospinal - bacterial), includes spotted fever --Chronological

1. 1811 -- “Spotted Fever” (Meningitis), NH (≥ 10) & VT, esp. Woodstock (60-70), VT-103-108
2. 1812 -- Feb-Apr, Spotted Fever/Meningitis, esp. Acworth & Antrim NH; Pomfret & Reading VT--265-325

3. 1864 -- Cerebral Spinal Meningitis Epidemic, Carbondale & Philadelphia, PA -- 784

4. 1872 -- Cerebral Spinal Meningitis, MA (esp. Boston), NYC, PA (esp. Philly) --1,090
5. 1873 -- Cerebral Spinal Meningitis, Boston & Lowell MA, Philadelphia, PA -- 499
6. 1879 -- June-May 1880, Meningitis, nationwide, esp. KY, NY, PA, MO and TN --7,481

7. 1881 -- Cerebrospinal Meningitis Epidemic, New York City, NY -- 461
8. 1889 -- Jan-Feb, Cerebro-spinal Meningitis Epidemic, Webster County, KY --50-70

9. 1893 -- Cerebrospinal Meningitis Epidemic, New York City, NY -- 469

10. 1904-05 -- Cerebrospinal Meningitis Epidemic, New York City --2,594-3,428

11. 1911 -- Oct-June 8, 1912, Meningitis Epidemic, esp. TX , OK, MO -- 740
12. 1931 -- “Epidemic Cerebrospinal Meningitis,”³²⁵ U.S., especially IL, NY and PA --2,832
13. 1944 -- Cerebrospinal Meningitis, nationwide, esp. CA, IL, MI, NJ, NY, OH, PA --2,812

³²⁴ “Epidemic Cerebrospinal Meningitis,” is the name used for this malady in U.S. Census, *Mortality Statistics 1931*.

³²⁵ “Epidemic Cerebrospinal Meningitis,” is the name used for this malady in U.S. Census, *Mortality Statistics 1931*.

Disease, select communicable, infectious – PLAGUE – by Mortality

1. 1900-04 -- **Bubonic Plague** “Epidemic,” May-Feb, San Francisco, CA -- 113
2. 1907 -- **Bubonic Plague** “Epidemic,” San Francisco, CA -- 78
3. 1899 -- Dec 11-March 31, 1900 -- **Bubonic** (Black) Plague (Asian ship), Honolulu, HI-- 61
4. 1924 -- Oct-Nov esp. **Pneumonic and Bubonic Plague** Epidemic, Los Angeles, CA --35-37

Disease, select communicable, infectious – PLAGUE – Chronological

1. 1899 -- Dec 11-March 31, 1900 -- **Bubonic** (Black) Plague (Asian ship), Honolulu, HI-- 61
2. 1900-04 -- **Bubonic Plague** “Epidemic,” May-Feb, San Francisco, CA -- 113
3. 1907 -- **Bubonic Plague** “Epidemic,” San Francisco, CA -- 78
4. 1924 -- Oct-Nov esp. **Pneumonic and Bubonic Plague** Epidemic, Los Angeles, CA --35-37

Disease, select communicable/infectious -- POLIO (Poliomyelitis) Subset -- By Mortality

1.	1916 -- July-Sep esp. Polio, esp. NYC/NY (3,331), NJ (1,180), PA (414)	6,745->7,000
2.	1952 -- Polio (Acute) Epidemic, nationwide, esp. upper Midwest	3,000-3,300
3.	1949 -- Polio, esp. July-Nov, esp. CA, IL, MI, MN, MO, NJ, NY, OK, TX	2,720-2,732
4.	1931 -- Polio, esp. July-Oct (Aug peak), esp. NY, NJ, MI, MA, IL, CT, PA	2,139-2,144
5.	1927 -- Polio (Acute), esp. late Summer and Fall, esp. children, esp. CA, MA, OH	--2,013
6.	1950 -- Polio (Acute), esp. Jul-Nov (1,611 deaths), esp. CA, IL, MI, NY, OH, PA, TX	--1,904
7.	1948 -- Polio (Acute), especially CA, MN, NC, OH, SD, TX and WI	--1,895
8.	1946 -- Polio (Acute), especially July-Nov, esp. IL, MN and TX	--1,845
9.	1910 -- Polio (Acute), esp. Summer-Fall, especially IA, MA, MN, NY, PA	1,459-1,655
10.	1921 -- Polio (Acute), esp. late Summer-Fall, esp. children, esp. NY, IL, WA, MI	--1,597
11.	1951 -- Polio (Acute), especially July-Nov, especially CA, IL, TX	1,551-1,555
12.	1925 -- Polio (Acute), especially late Summer and Fall, especially children	--1,519
13.	1937 -- Polio (Acute), especially late Summer and Fall, especially children	--1,461
14.	1953 -- Polio (Acute), especially CA, IL, MI, and NY	--1,450
15.	1928 -- Polio (Acute), especially late Summer and Fall, especially children	--1,381
16.	1944 -- Polio (Acute), especially July-Nov (1,070 deaths), esp. NY, OH and PA	--1,381
17.	1954 -- Polio (Acute), especially late Summer and Fall, especially children	--1,368
18.	1930 -- Polio (Acute), especially late Summer and Fall, especially children	--1,370
19.	1945 -- Polio (Acute), Jan-Dec, especially July-Nov (Sept. peak), esp. children	--1,186
20.	1917 -- Polio (Acute), esp. Jun-Sep, Census registration area (27 States, some cities)	≥1,182
21.	1943 -- Polio (Acute), especially late Summer and Fall, especially children	--1,151
22.	1924 -- Polio (Acute), especially late Summer and Fall, especially children	--1,079
23.	1955 -- Polio (Acute), most States, especially, Boston, MA (~200)	--1,043
24.	1935 -- Polio (Acute), especially late Summer-and Fall, especially children	--1,040
25.	1940 -- Polio (Acute), esp. late Summer-Fall, esp. IL, IN, IA, KS, MI, OH and WV	--1,026
26.	1934 -- Polio (Acute), especially late Summer and Fall, especially children	-- 852
27.	1926 -- Polio (Acute), especially late Summer and Fall, especially children	-- 851
28.	1923 -- Polio (Acute), especially late Summer and Fall, especially children	-- 850
29.	1932 -- Polio (Acute), especially late Summer and Fall, especially children	-- 828
30.	1929 -- Polio (Acute), especially late Summer and Fall, especially children	-- 812
31.	1941 -- Polio (Acute), especially late Summer and Fall, especially children	-- 807
32.	1933 -- Polio (Acute), especially late Summer and Fall, especially children	-- 797
33.	1922 -- Polio (Acute), especially late Summer and Fall, especially children	-- 790
34.	1936 -- Polio (Acute), especially late Summer and Fall, especially children	-- 780
35.	1939 -- Polio (Acute), especially late Summer and Fall, especially children	-- 773
36.	1920 -- Polio (Acute), especially late Summer and Fall, 33 "registration states	-- 769
37.	1919 -- Polio (Acute). Especially late Summer and Fall, especially children	-- 747
38.	1947 -- Polio (Acute), especially late Summer and Fall, especially children	-- 580
39.	1956 -- Polio (Acute), especially late Summer and Fall, especially children	-- 566
40.	1942 -- Polio (Acute), especially late Summer and Fall, especially children	-- 561
41.	1912 -- Polio, especially Summer to Fall, especially children, especially CA (129)	-- 518
42.	1938 -- Polio (Acute), especially late Summer and Fall, especially children	-- 487
43.	1959 -- Polio (Acute), especially late Summer and Fall, especially children	-- 454

Disease, select communicable/infectious -- POLIO (Poliomyelitis) Subset -- By Mortality

44. 1911 -- Polio (Acute), nationwide, esp. IL, IN, IA, MA, MN, NY, PA, WI	-- 440
45. 1913 -- Polio (Acute), especially June-Sep (Sep peak), especially children	-- 426
46. 1914 -- Polio (Acute), the year, especially Summer-Fall, especially children, nation	413-434
47. 1915 -- Polio (Acute), the year, especially Summer and Fall, especially children	305-311
48. 1909 -- Polio (Acute), IN, KS, MN, MT, ND, OR, especially MA and NE	-- 266
49. 1958 -- Polio (Acute), especially late Summer and Fall, especially children	-- 255
50. 1960 -- Polio (Acute), especially late Summer and Fall, especially children	-- 230
51. 1957 -- Polio (Acute), especially late Summer and Fall, especially children	-- 221
52. 1918 -- Jun-Nov, Polio Outbreak, IA, IL, IN, MN, PA, WI, esp. Staten Island, NY	-- ~180
53. 1907 -- Summer-Autumn (Sep peak), Polio Epidemic, NY, esp. greater NYC	100-125
54. 1961 -- Polio (Acute), especially late Summer and Fall, especially children	-- 90
55. 1908 -- Summer-Fall, Polio outbreak, IA, MA, MI, MN (13), VA, esp. WI (61)	-- 87
56. 1962 -- Polio (Acute), especially children	-- 60
57. 1963 -- Polio (Acute), especially children	-- 41
58. 1894 -- Polio Epidemic, VE, especially Rutland & Wallingford	-- 18

Disease, communicable/infectious -- POLIO (Poliomyelitis) Subset -- CHRONOLOGICAL

1.	1894 -- Polio (Acute), VE, especially Rutland & Wallingford	-- 18
2.	1907 -- Polio (Acute) Epidemic, Summer-Fall (Sep peak), NY, esp. greater NYC	100-125
3.	1908 -- Polio (Acute), Summer-Fall, IA, MA, MI, MN (13), VA, esp. WI (61)	-- 87
4.	1909 -- Polio (Acute), IN, KS, MN, MT, ND, OR, especially MA and NE	-- 266
5.	1910 -- Polio (Acute), esp. Summer-Fall, especially IA, MA, MN, NY, PA	1,459-1,655
6.	1911 -- Polio (Acute), nationwide, esp. IL, IN, IA, MA, MN, NY, PA, WI	-- 440
7.	1912 -- Polio, especially Summer to Fall, especially children, especially CA (129)	-- 518
8.	1913 -- Polio (Acute), especially June-Sep (Sep peak), especially children	-- 426
9.	1914 -- Polio (Acute), especially Summer-Fall, especially children, nation	413-434
10.	1915 -- Polio (Acute), especially Summer and Fall, especially children	305-311
11.	1916 -- July-Sep esp. Polio, esp. NYC/NY (3,331), NJ (1,180), PA (414)	6,745->7,000
12.	1917 -- Polio (Acute), esp. Jun-Sep, Census registration area (27 States, some cities)	≥1,182
13.	1918 -- Polio (Acute), esp. Jun-Nov, IA, IL, IN, MN, PA, WI, esp. Staten Island, NY	-- ~180
14.	1919 -- Polio (Acute). Especially late Summer and Fall, especially children	-- 747
15.	1920 -- Polio (Acute) especially late Summer and Fall (33 "registration states)	-- 769
16.	1921 -- Polio (Acute), esp. late Summer-Fall, esp. children, esp. NY, IL, WA, MI	--1,597
17.	1922 -- Polio (Acute), especially late Summer and Fall, especially children	-- 790
18.	1923 -- Polio (Acute), especially late Summer and Fall, especially children	-- 850
19.	1924 -- Polio (Acute), especially late Summer and Fall, especially children	--1,079
20.	1925 -- Polio (Acute), especially late Summer and Fall, especially children	--1,519
21.	1926 -- Polio (Acute), especially late Summer and Fall, especially children	-- 851
22.	1927 -- Polio (Acute), esp. late Summer and Fall, esp. children, esp. CA, MA, OH	--2,013
23.	1928 -- Polio (Acute), especially late Summer and Fall, especially children	--1,381
24.	1929 -- Polio (Acute), especially late Summer and Fall, especially children	-- 812
25.	1930 -- Polio (Acute), especially late Summer through Fall, especially children	--1,370
26.	1931 -- Polio, esp. July-Oct (Aug peak), esp. NY, NJ, MI, MA, IL, CT, PA	--2,139-2,144
27.	1932 -- Polio (Acute), especially late Summer and Fall, especially children	-- 828
28.	1933 -- Polio (Acute), especially late Summer and Fall, especially children	-- 797
29.	1934 -- Polio (Acute), especially late Summer and Fall, especially children	-- 852
30.	1935 -- Polio (Acute), especially late Summer-and Fall, especially children	--1,040
31.	1936 -- Polio (Acute), especially late Summer and Fall, especially children	-- 780
32.	1937 -- Polio (Acute), especially late Summer and Fall, especially children	--1,461
33.	1938 -- Polio (Acute), especially late Summer and Fall, especially children	-- 487
34.	1939 -- Polio (Acute), especially late Summer through Fall, especially children	-- 773
35.	1940 -- Polio (Acute), nationwide, especially IL, IN, IA, KS, MI, OH and WV	--1,026
36.	1941 -- Polio (Acute), especially late Summer and Fall, especially children	-- 807
37.	1942 -- Polio (Acute), especially late Summer and Fall, especially children	-- 561
38.	1943 -- Polio (Acute), especially late Summer and Fall, especially children	--1,151
39.	1944 -- Jan-Dec, Polio, especially July-Nov (1,070 deaths), esp. NY, OH and PA	--1,381
40.	1945 -- Polio (Acute), Jan-Dec, especially July-Nov (Sept. peak)	--1,186
41.	1946 -- Polio (Acute), especially July-Nov, esp. IL, MN and TX	--1,845
42.	1947 -- Polio (Acute), the year, especially late Summer and Fall, nationwide	-- 580
43.	1948 -- Polio (Acute), especially CA, MN, NC, OH, SD, TX and WI	--1,895
44.	1949 -- Polio, esp. July-Nov, esp., CA, IL, MI, MN, MO, NJ, NY, OK, TX	--2,720-2,732

Disease, select communicable/infectious -- **POLIO** (Poliomyelitis) Subset -- **Chronological**, cont.

45. 1950 -- Polio, esp. July-Nov (1,611 deaths), esp. CA, IL, MI, NY, OH, PA, TX	--1,904
46. 1951 -- Polio (Acute), especially July-Nov, especially CA, IL, TX	--1,551-1,555
47. 1952 -- Polio Epidemic, nationwide, esp. upper Midwest	--3,000-3,300
48. 1953 -- Polio (Acute), especially CA, IL, MI, and NY	--1,450
49. 1954 -- Polio (Acute) , especially late Summer and Fall, especially children	--1,368
50. 1955 -- Polio (Acute), most States, especially, Boston, MA (~200)	--1,043
51. 1956 -- Polio (Acute), especially late Summer and Fall, especially children	-- 566
52. 1957 -- Polio (Acute), especially late Summer and Fall, especially children	-- 221
53. 1958 -- Polio (Acute), especially late Summer and Fall, especially children	-- 255
54. 1959 -- Polio (Acute), especially late Summer and Fall, especially children	-- 454
55. 1960 -- Polio (Acute), especially late Summer and Fall, especially children	-- 230
56. 1961 -- Polio (Acute), especially late Summer and Fall, especially children	-- 90
57. 1962 -- Polio (Acute), especially children	-- 60
58. 1963 -- Polio (Acute), especially children	-- 41

Disease, select communicable/infectious -- SCARLET FEVER subset -- By Mortality

1. 1860 -- Scarlatina (Scarlet Fever), 38 Census "Registration" States and DC	26,402
2. 1870 -- Scarlet Fever, especially children, especially IL, MO, NY, PA, WI	20,339
3. 1880 -- Scarlet Fever, especially children, nationwide, especially IN, NY and PA	16,388
4. 1850 -- Scarlet Fever, especially children, nationwide	--9,584
5. 1907 -- Scarlet Fever, especially children, Census "Registration" States and localities	--4,309
6. 1920 -- Scarlet Fever, esp. PA/497, NY/474, OH/383, IL/370, MI/303, MA/218, DE ³²⁶	--4,004
7. 1931 -- Scarlet Fever, especially children, especially IL	--2,651
8. 1871 -- Scarlet Fever, especially children, Baltimore, MD (625), and MI (696)	--1,321
9. 1874 -- Scarlet Fever, especially children, MI (440) and Cincinnati, OH (687)	--1,127
10. 1796 -- Scarlet Fever epidemic (especially children), Marblehead, MA and esp. VT--	681-846
11. 1837 -- Scarlet Fever, Boston, MA, New York City, NY, Philadelphia, PA	-- 823
12. 1911 -- Scarlet Fever, especially children, NYC, NY	-- 741
13. 1912 -- Scarlet Fever, especially children, NYC, NY	-- 615
14. 1873 -- Scarlet Fever, especially children, MI	-- 580
15. 1872 -- Scarlet Fever, especially children, MI	-- 565
16. 1875 -- Scarlet Fever, esp. children, Michigan (423) and Hudson County, NJ (114)	-- 537
17. 1913 -- Scarlet Fever, especially children, NYC, NY	-- 507
18. 1836 -- Scarlet Fever, especially children, Boston, New York City, Philadelphia	-- 458
19. 1914 -- Scarlet Fever, especially children, NYC, NY	-- 451
20. 1878 -- Scarlet Fever, Hudson County, NJ (113); Fall, Cincinnati, OH (181)	-- 294
21. 1915 -- Scarlet Fever, especially children, NYC, NY	-- 291
22. 1869 -- Scarlet Fever, especially children, MI	-- 252
23. 1879 -- Scarlet Fever epidemic, especially children, Hudson County, NJ	-- 232
24. 1882 -- Jan 1-26, Scarlet Fever epidemic, especially children, NY, NJ	-- 227
25. 1877 -- Scarlet Fever, especially children, Hudson County, NJ	-- 213
26. 1876 -- Scarlet Fever, especially children, Hudson County, NJ	-- 183
27. 1894 -- Scarlet Fever, Jan 20-Jun 16, esp. children, Brooklyn & New York City, NY	-- 123
28. 1906 -- Scarlet Fever, Week of Dec 21, especially children, Chicago, IL	-- 115
29. 1735 -- Aug-July, 1736 -- Scarlet Fever Outbreak, Boston, MA	--100-114
30. 1794 -- Scarlet Fever, Bolton, Lebanon, East Haven, etc., and esp. New Haven (52) CT--	≥76
31. 1848 -- Scarlet Fever, especially children, Mobile, AL	-- 75
32. 1810-11 -- "Canker Rash" (Diphtheria or Scarlet Fever), ³²⁷ children, Winchendon, MA--	59
33. 1849 -- Scarlet Fever, especially children, Mobile, AL	-- 50
34. 1795 -- Scarlett Fever, at least 16 MA towns, esp. Beverly/19, Sterling/8, Topsfield/11--	≥39
35. 1793 -- Scarlet Fever, New England (esp. CT), New Jersey, New York, Philadelphia	-- ≥25
36. 1832 -- June 16-22, Scarlet Fever, Binghamton, NYC, Oneonta, Yonkers	-- 17
37. 1804 -- "Canker Rash" (Scarlet Fever), 40 cases, Reading, Windsor County, VT	-- 15

³²⁶ Based on death certificate data from 34 "registration states" as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

³²⁷ "Canker rash" was a term used to describe both what was later referred to as scarlet fever and diphtheria. There were similar and dissimilar symptoms. Thus without detailed descriptions at the time it is not clear which disease. Thus, we choose to cross-list this entry in both Diphtheria and Scarlet Fever, rather than once in "Other."

Disease, select communicable/infectious -- **SCARLET FEVER** subset -- **By Mortality**

- 38. 1854 -- Late March through early April (esp.) Scarlet Fever outbreak, Jacksonville, FL-- ≤ 12
- 39. 1771 -- May-July, Scarlet Fever (especially children), Duxbury, MA -- ≥ 10

Disease, select communicable/infectious -- SCARLET FEVER subset -- Chronological

1. 1735 -- Aug-July, 1736 -- Scarlet Fever Outbreak, Boston, MA --100-114
2. 1771 -- May-July, Scarlet Fever (especially children), Duxbury, MA -- ≥10
3. 1793 -- Scarlet Fever, New England (esp. CT), New Jersey, New York, Philadelphia -- ≥25
4. 1794 -- Scarlet Fever, Bolton, Lebanon, East Haven, etc., and esp. New Haven (52) CT-- ≥76
5. 1795 -- Scarlett Fever, at least 16 MA towns, esp. Beverly/19, Sterling/8, Topsfield/11-- ≥39
6. 1796 -- Scarlet Fever epidemic (especially children), Marblehead, MA and esp. VT--681-846
7. 1804 -- “Canker Rash” (Scarlet Fever), 40 cases, Reading, Windsor County, VT -- 15
8. 1810-11 -- “Canker Rash” (Diphtheria or Scarlet Fever),³²⁸ children, Winchendon, MA-- 59
9. 1832 -- Scarlet Fever, Jun 16-22, Binghamton, NYC, Oneonta, Yonkers -- 17
10. 1836 -- Scarlet Fever, Boston, MA, New York City, NY, Philadelphia, PA -- 458
11. 1837 -- Scarlet Fever, Boston, MA, New York City, NY, Philadelphia, PA -- 823
12. 1848 -- Scarlet Fever Outbreak, Mobile, AL -- 75
13. 1849 -- Scarlet Fever Outbreak, Mobile, AL -- 50
14. 1850 -- Scarlet Fever --9,584
15. 1854 -- Late March through early April (esp.) Scarlet Fever outbreak, Jacksonville, FL-- ≤12
16. 1860 -- Scarlatina (Scarlet Fever), 38 Census “Registration” States and DC 26,402
17. 1869 -- Scarlet Fever, especially children, MI -- 252
18. 1870 -- Scarlet Fever, esp. IL, MO, NY, PA, WI 20,339
19. 1871 -- Scarlet Fever, especially children, Baltimore, MD (625), and MI (696) --1,321
20. 1872 -- Scarlet Fever, especially children, MI -- 565
21. 1873 -- Scarlet Fever, especially children, MI -- 580
22. 1874 -- Scarlet Fever, especially children, MI (440) and Cincinnati, OH (687) --1,127
23. 1875 -- Scarlet Fever, Michigan (423) and Hudson County, NJ (114) -- 537
24. 1876 -- Scarlet Fever, Hudson County, NJ -- 183
25. 1877 -- Scarlet Fever, Hudson County, NJ -- 213
26. 1878 -- Scarlet Fever, Hudson County, NJ (113); Fall, Cincinnati, OH (181) -- 294
27. 1879 -- Scarlet Fever Epidemic, Hudson County, NJ -- 232
28. 1880 -- Scarlet Fever, especially children, nationwide, especially IN, NY and PA 16,388
29. 1882 -- Jan 1-26, Scarlet Fever Outbreak, NY, NJ -- 227
30. 1894 -- Scarlet Fever Outbreak, Jan 20-Jun 16, Brooklyn & New York City, NY -- 123

³²⁸ “Canker rash” was a term used to describe both what was later referred to as scarlet fever and diphtheria. There were similar and dissimilar symptoms. Thus without detailed descriptions at the time it is not clear which disease. Thus, we choose to cross-list this entry in both Diphtheria and Scarlet Fever, rather than once in “Other.”

Disease, select communicable/infectious -- SCARLET FEVER subset -- Chronological

31. 1906 -- Scarlet Fever, Week of Dec 21, Chicago, IL	-- 115
32. 1907 -- Scarlet Fever, Census "Registration" States and localities	--4,309
33. 1911 -- Scarlet Fever, NYC, NY	-- 741
34. 1912 -- Scarlet Fever, NYC, NY	-- 615
35. 1913 -- Scarlet Fever, NYC, NY	-- 507
36. 1914 -- Scarlet Fever, NYC, NY	-- 451
37. 1915 -- Scarlet Fever, NYC, NY	-- 291
38. 1920 -- Scarlet Fever, esp. PA/497, NY/474, OH/383, IL/370, MI/303, MA/218, DE ³²⁹	--4,004
39. 1931 -- Scarlet Fever, especially children, especially IL	--2,651

³²⁹ Based on death certificate data from 34 "registration states" as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

Disease, select communicable/infectious -- SMALLPOX subset -- By Mortality

1. 1775-82 -- Smallpox Epidemic North America	~84,000
2. 1837-38 -- Smallpox, Upper Mid-West Native American Tribes	~20,000
3. 1835 -- Nov-Spring 1838, Smallpox, Sitka, Gulf of AK, Kodiak, Aleutian Isl. natives, AK	13,105
4. 1738-39 -- Smallpox, Catawba (NC/SC) and Cherokee Natives (NC)	--7,700-11,700
5. 1837 -- Smallpox, California Native Americans ³³⁰	2,000-10,000
6. 1861 -- May 1-June 30, 1866, Smallpox, Union soldiers and Confederate prisoners ³³¹	--9,682
7. 1853 -- Smallpox, esp. natives, HI, Nevada City vic., CA, OR/WA; also NYC	--7,450-9,450
8. 1872 -- Smallpox, esp. Baltimore, Boston, Cincinnati, IL, NYC, Philly, St. Louis	-->8,957
9. 1882 -- Smallpox, esp. Chicago, Cincinnati, PA, Baltimore, NOLA, TN; elsewhere	-->6,992
10. 1881 -- Smallpox, esp. Philly, Pittsburgh, Chicago, NYC, Richmond; also DE, HI, NJ, etc.	--5,165
11. 1870 -- Smallpox, Nationwide	--4,597
12. 1871 -- Winter-Mar 1872, Smallpox Epidemic, Philadelphia, PA	--4,464
13. 1815-16, Winter -- Smallpox Epidemic, Comanche Nation ³³²	-->4,000
14. 1883 -- Smallpox, esp. New Orleans/834 Baltimore/633 Cincinnati/189 Chattanooga/103	--2,868
15. 1875 -- Smallpox, esp. New York City (1,899), Cincinnati (745), Philadelphia (54)	--2,699
16. 1850 -- Smallpox, nationwide	--2,352
17. 1634-35--Smallpox Epidemic, Five Nations, especially Mohawks, Upper NY ³³³	≥2,000
18. 1709/10--Smallpox Epidemic, Native Americans, lower CA	≥2,000
19. 1764-65 -- Smallpox, esp. Iroquois, Shawnee, Lenape, Creek, Choctaw, Chickasaw	>1,800
20. 1689-90--Smallpox, New England and NY, settlers and natives	-- ≥820-1,500
21. 1801-02--Smallpox, Native Americans, esp. Omaha, esp. Midwest, Northwest	~1,500
22. 1894 -- Jan-Dec 17 Smallpox, Chicago, DC, IL, IN, MI (esp. Detroit), NY, PA, WI	--1,397
23. 1865 -- Smallpox, esp. Mobile, AL, Philadelphia, PA and New York City ³³⁴	>1,312
24. 1880 -- Smallpox, CA, CT, DC, IL, LA, MA, NJ, NM, NY, especially Philly & TX	--1,284
25. 1860 -- Smallpox, esp. MA/473, NY/ 303, OH/135, PA/87, ME/56, VA/24	--1,263-1,271
26. 1873 -- Smallpox, esp. Chicago (515) and Baltimore (631); also Cincinnati (48)	--1,194
27. 1863 -- Smallpox, Fort Delaware, DE, Baltimore, Camp Chase, OH, Chicago, VA	>1,078
28. 1721 -- May-Apr 1722, Smallpox, Mass. Bay Colony, esp. Boston & Charlestown--	957-1004
29. 1633-34--Smallpox Epidemic, New England Natives, Plymouth Colonists, MA	>1,000
30. 1663 -- Smallpox, Fort Orange, NY and Northern "NY" Native American Tribes	--1,000
31. 1677-78 -- Smallpox Epidemic, Massachusetts Bay Colony, esp. Boston & vic.	--750-1,000
32. 1731 -- Smallpox Epidemics, New York City (548-700) and Philadelphia (288)	--836-988
33. 1760 -- Smallpox Epidemic, Charleston SC (as well as undocumented Native deaths)-	730-940
34. 1868 -- June-Dec, Smallpox, esp. Chicago, Cincinnati, Milwaukee, San Francisco	-- 960
35. 1876 -- Smallpox, Cincinnati, OH	-- 934

³³⁰ As noted in the narrative description section, Shelburne Friend Cook in his *The Conflict Between the California Indian and White Civilization*, Part 4, 1976, p. 213, writes that the accounts he has before him giving estimates of 100,000, and 200,000 to 300,000, are "obviously wild guesses." His own guestimate (p. 214) is 2,000. We simply recognize the range. In another book in 1978 he writes that "the mortality may have reached 10,000."

³³¹ There is overlap with our 1863 entry (1,078 deaths) which includes Fort Delaware, Camp Chase, MD, and VA.

³³² We note "greater than" 4,000 in that 4,000 is the estimated Comanche loss, whereas it has been written that the Kiowa, for example, lost to smallpox numbers in a ratio comparable to the Comanche.

³³³ We assume that if, as reported, thousands died, then at least 2,000 must have died.

³³⁴ This does not take into account hundreds of smallpox fatalities in military ranks and especially military prisons.

36. 1756 -- Smallpox Epidemic, Philadelphia -- 900
 37. 1869 -- Smallpox Epidemic, Gros Ventre Natives, Montana Territory --700~800

Disease, select communicable/infectious -- SMALLPOX Subset -- By Mortality (Cont.)

38. 1861 -- Smallpox Outbreak, Philadelphia, PA -- 758
 39. 1824 -- Smallpox, NYC, NY, Philadelphia, PA, Sandusky, OH --740-745
 40. 1759 -- Smallpox Epidemic, Philadelphia, PA -- 600
 41. 1851 -- Smallpox, NYC, NY --562-586
 42. 1752 -- Early in year through at least Summer, Small-Pox Epidemic, Boston, MA --535-569
 43. 1920 -- Smallpox, 34 registration states, esp. LA/167, MS/45, MO/28, NC/28³³⁵ -- 508
 44. 1730 -- Smallpox Epidemic, Massachusetts Bay Colony, especially Boston -->502
 45. 1690 -- Spring-Fall, Smallpox, Iroquois Native Americans, esp. upper New York --~300-500
 46. 1876 -- May 19-July 1, 1877, Smallpox Epidemic, San Francisco, CA -- 482
 47. 1834 -- Smallpox, New York City, NY and Philadelphia, PA -- 428
 48. 1852 -- Smallpox Outbreak, Philadelphia, PA -- 427
 49. 1910 -- Smallpox, 23 reporting States and DC, esp. MI (121), OK (99), TX (67) --403-415
 50. 1864 -- Smallpox, Chicago (283) and Northern VA (112) -- 395
 51. 1773 -- Smallpox Epidemic, Philadelphia (300), Marblehead (~3) & Salem (17), MA --~321
 52. 1702 -- Summer (late) to early Spring 1703, Smallpox Epidemic, Boston, MA --302-313
 53. 1738 -- Smallpox Epidemic, Charleston, SC -- 311
 54. 1912 -- Smallpox, 35 States and DC, especially TX (128); Pittsburgh (33) --301-307
 55. 1667 -- Smallpox Epidemic, Native Americans, VA, especially eastern shore VA -->300
 56. 1697-98--Smallpox, Charleston, SC (pop. ≥5,000); (plus hundreds Native Americans)³³⁶-200-300
 57. 1759-60--Smallpox Epidemic, Catawba Nation, SC -- ~300
 58. 1896 -- Smallpox, esp. New Orleans (238), Shreveport LA/11, Detroit/11, Dayton (8) -- 279
 59. 1869 -- Smallpox, Cincinnati, OH (231), Michigan (42) -- 273
 60. 1811 -- Oct-Apr 1812, Smallpox, New York City (117); Baltimore, MD (135) -- 252
 61. 1742 -- Smallpox Outbreak in New York, NY -- 250
 62. 1898 -- Smallpox Epidemic, Moqui Indians, AZ -- 220
 63. 1808 -- Year, Smallpox, Philadelphia, PA, New York City, NY -- 207
 64. 1804 -- Smallpox Outbreak, New York City, NY --169-199
 65. 1816 -- Smallpox, New York City, NY -- 179
 66. 1763, Dec-July 1764 -- Smallpox Epidemic, Boston (170) & Cambridge (6), MA col. -- 176
 67. 1898 -- Aug 23-Nov 18, Yellow Fever, LA, especially New Orleans (57); MS (80) --175
 68. 1823 -- Smallpox, Epidemic, Philadelphia, PA -- 160
 69. 1895 -- Smallpox Outbreak, Feb 1-Jun 21 esp. Hot Springs AR, Chicago, Cincinnati -- 160
 70. 1736 -- Smallpox Epidemic, Philadelphia, PA -- 158
 71. 1847 -- Smallpox, Modoc Native Americans, Southwestern Oregon -->150
 72. 1879 -- Smallpox, San Antonio, TX; also to lesser extent NYC, NY -- 141
 73. 1911 -- Smallpox, 29 reporting States and the District of Columbia -- 134

³³⁵ Based on death certificate data from 34 “registration states” as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

³³⁶ We derive “hundreds” from accounts which note high mortality in Native populations in SC and NC, but do not note an estimated mortality range. Whatever the number, it would be in addition to the 200-300 for Charleston.

74. 1909 -- Smallpox, 29 reporting States and the District of Columbia	-- 132
75. 1867 -- Smallpox, Jan-Dec., Chicago, IL	-- 123
76. 1732 -- Smallpox, esp. Cheshire CT (~18) and Albany (68) & Kingston (22), NY	--104-118
77. 1811 -- Smallpox, New York City, NY	-- 117
78. 1763 -- Smallpox Epidemic, Native Americans, CA	-->100
79. 1852 -- Smallpox outbreak, Native Americans, Nevada City vicinity, CA	-- ~100
80. 1871 -- May 1-Dec, Smallpox, Newark, Essex County, NJ	-- ~96
81. 1768 -- Fall-Winter (two months), Smallpox, especially children, Reading, PA	-- >60
82. 1871 -- Smallpox Outbreak, Nov-Dec, Chicago, IL	-- 60
83. 1877 -- Smallpox, Cincinnati, OH	-- 56
84. 1666 -- Smallpox, (Population of colony about 4,000), Boston, MA	--40-50

Disease, select communicable/infectious -- **SMALLPOX** Subset -- By **Mortality** (Cont.)

85. 1821 -- Aug, Smallpox, Baltimore, MD	-- 47
86. 1917 -- Oct 10-March 8, 1918, Smallpox Epidemic, Eagle Pass, Maverick Co., TX	-- 33
87. 1739 -- June-July 19, Smallpox, Newport and nearby vicinity, RI	--23-27
88. 1893 -- Smallpox Outbreak, Feb-Dec, Reading, Berks County, PA	-- 18
89. 1854 -- Late March through early April (esp.) Smallpox epidemic, Jacksonville, FL	-- ≥15
90. 1737, Dec-Jan 1738 -- Smallpox, esp. Chilmark & Edgartown, Martha's Vineyard, MA--	12
91. 1711-12 -- Winter, Disease (smallpox/pestilential fever/pleurisies/flux), Charleston SC--	>10
92. 1715 -- Smallpox, NY and NJ colonies, esp. Burlington and Perth Amboy, NJ	-- ≥10

Disease, select communicable/infectious -- SMALLPOX subset -- Chronological

1. 1633-34 -- Smallpox Epidemic, New England Natives, Plymouth Colonists, MA -->1,000
2. 1634-35 -- Smallpox Epidemic, Five Nations, especially Mohawks, Upper NY³³⁷ ≥2,000
3. 1663 -- Smallpox, Fort Orange, NY and Northern “NY” Native American Tribes --1,000
4. 1666 -- Smallpox, (population of colony about 4,000), Boston, MA --40-50
5. 1667 -- Smallpox Epidemic, Native Americans, VA, especially eastern shore VA --≥300
6. 1677-78 -- Smallpox Epidemic, Massachusetts Bay Colony, esp. Boston & vic. --750-1,000
7. 1689-90 -- Smallpox, New England and NY, settlers and natives -- ≥820-1,500
8. 1690 -- Spring-Fall, Smallpox, Iroquois Native Americans, esp. upper New York --~300-500
9. 1697-98--Smallpox, Charleston, SC (pop. ≥5,000); (plus hundreds Native Americans)³³⁸-200-300
10. 1702 -- Summer (late) to early Spring 1703, Smallpox Epidemic, Boston, MA --302-313
11. 1709-10 -- Smallpox Epidemic, Native Americans, lower CA ≥2,000
12. 1711-12 -- Winter, Disease (smallpox/pestilential fever/pleurisies/flux), Charleston SC--> 10
13. 1715 -- Smallpox, NY and NJ colonies, esp. Burlington and Perth Amboy, NJ -- ≥10
14. 1721-22 -- May-Apr, Smallpox, Mass. Bay Colony, esp. Boston & Charlestown --957-1,004
15. 1730 -- Smallpox Epidemic, Massachusetts Bay Colony, especially Boston --≥502
16. 1731 -- Smallpox Epidemics, New York City (548-700) and Philadelphia (288) --836-988
17. 1732 -- Spring, Smallpox Epidemic, Wallingford/New Cheshire, New Haven Co., CT --14-18
18. 1736 -- Smallpox Epidemic, Philadelphia, PA -- 158
19. 1737-38 -- Dec-Jan, Smallpox, esp. Chilmark & Edgartown, Martha’s Vineyard, MA -- 12
20. 1738 -- Smallpox Epidemic, Charleston, SC -- 311
21. 1738-39 -- Smallpox, Catawba (NC/SC) and Cherokee Natives (NC) --7,700-11,700
22. 1739 -- June-July 19, Smallpox, Newport and nearby vicinity, RI --23-27
23. 1742 -- Smallpox Outbreak, New York, NY -- 250
24. 1752 -- Early in year through at least Summer, Small-Pox Epidemic, Boston, MA --535-569
25. 1756 -- Smallpox Epidemic, Philadelphia -- 900
26. 1759 -- Smallpox Epidemic, Philadelphia, PA -- 600
27. 1759-60--Smallpox Epidemic, Catawba Nation, SC -- ~300
28. 1760 -- Smallpox Epidemic, Charleston SC (as well as undocumented Native deaths)-730-940
29. 1763 -- Smallpox Epidemic, Native Americans, CA -- >100

³³⁷ We assume that if, as reported, thousands died, then at least 2,000 must have died.

³³⁸ We derive “hundreds” from accounts which note high mortality in Native populations in SC and NC, but do not note an estimated mortality range. Whatever the number, it would be in addition to the 200-300 for Charleston.

30. 1763-64 -- Dec-July, Smallpox Epidemic, Boston (170) & Cambridge (6), MA col. -- 176
 31. 1764-65 -- Smallpox, esp. Iroquois, Shawnee, Lenape, Creek, Choctaw, Chickasaw >1,800
 32. 1768 -- Fall-Winter (two months), Smallpox, especially children, Reading, PA -- >60

Disease, select communicable/infectious -- **SMALLPOX** subset -- **Chronological** – Cont.

33. 1773 -- Smallpox Epidemic, Philadelphia (300), Marblehead (~3) & Salem (17), MA -- ~321
 34. 1775-82 Smallpox Epidemic North America ~84,000
 35. 1801-02 -- Smallpox, Native Americans, esp. Omaha, esp. Midwest, Northwest --~1,500
 36. 1804 -- Smallpox Outbreak, New York City, NY --169-199
 37. 1808 -- Year, Smallpox, Philadelphia, PA, New York City, NY -- 207
 38. 1811-12 -- Oct-Apr 1812, Smallpox, New York City (117); Baltimore, MD (135) -- 252
 39. 1815-16 -- Winter, Smallpox Epidemic, Comanche Nation³³⁹ -->4,000
 40. 1816 -- Smallpox, New York City, NY -- 179
 41. 1821 -- Aug, Smallpox, Baltimore, MD -- 47
 42. 1823 -- Smallpox, Epidemic, Philadelphia, PA -- 160
 43. 1824 -- Smallpox, NYC, NY, Philadelphia, PA, Sandusky, OH --740-745
 44. 1834 -- Smallpox, New York City, NY and Philadelphia, PA -- 428
 45. 1835 -- Nov-Spring 1838, Smallpox, Sitka, Gulf of AK, Kodiak, Aleutian Isl. natives, AK 13,105
 46. 1837 -- Smallpox, California Native Americans³⁴⁰ 2,000-10,000
 47. 1837-38--Smallpox, Upper Mid-West Native American Tribes ~20,000
 48. 1847 -- Smallpox, Modoc Native Americans, Southwestern Oregon -- >150
 49. 1850 -- Smallpox, nationwide --2,352
 50. 1851 -- Smallpox, NYC, NY --562-586
 51. 1852 -- Smallpox outbreak, Native Americans, Nevada City vicinity, CA -- ~100
 52. 1852 -- Smallpox outbreak, Philadelphia, PA -- 427
 53. 1853 -- Smallpox, esp. natives, HI, Nevada City vic., CA, OR/WA; also NYC --7,450-9,450
 54. 1860 -- Smallpox, esp. MA/473, NY/ 303, OH/135, PA/87, ME/56, VA/24 --1,263-1,271
 55. 1861 -- Smallpox Outbreak, Philadelphia, PA -- 758
 56. 1861-66, May 1-June 30 -- Smallpox, Union soldiers and Confederate prisoners³⁴¹ --9,682
 57. 1863 -- Smallpox, Fort Delaware, DE, Baltimore, Camp Chase, OH, Chicago, VA >1,078
 58. 1864 -- Smallpox, Chicago (283) and Northern VA (112) -- 395
 59. 1865 -- Smallpox, esp. Mobile, AL, Philadelphia, PA and New York City³⁴² >1,312

³³⁹ We note “greater than” 4,000 in that 4,000 is the estimated Comanche loss, whereas it has been written that the Kiowa, for example, lost to smallpox numbers in a ratio comparable to the Comanche.

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³⁴¹ There is overlap with our 1863 entry (1,078 deaths) which includes Fort Delaware, Camp Chase, MD, and VA.

60. 1867 -- Smallpox, Jan-Dec, Chicago, IL	-- 123
61. 1868 -- June-Dec, Smallpox, esp. Chicago, Cincinnati, Milwaukee, San Francisco	-- 960
62. 1869 -- Smallpox, Cincinnati, OH (231), Michigan (42)	-- 273
63. 1869 -- Smallpox Epidemic, Gros Ventre Natives, Montana Territory	--700~800

Disease, select communicable/infectious -- **SMALLPOX** subset -- **Chronological** -- Cont.

64. 1870 -- Smallpox, Nationwide	--4,597
65. 1871 -- May 1-Dec Smallpox, Newark, Essex County, NJ	-- ~96
66. 1871-72 -- Winter-March 1872, Smallpox Epidemic, Philadelphia, PA	--4,464
67. 1871 -- Nov-Dec, Smallpox Outbreak, Nov-Dec, Chicago, IL	-- 60
68. 1872 -- Smallpox, esp. Baltimore, Boston, Cincinnati, IL, NYC, Philly, St. Louis	-->8,957
69. 1873 -- Smallpox, esp. Chicago (515) and Baltimore (631); also Cincinnati (48)	--1,194
70. 1875 -- Smallpox, esp. New York City (1,899), Cincinnati (745), Philadelphia (54)	--2,699
71. 1876 -- Smallpox, Cincinnati, OH	-- 934
72. 1876, May 19-July 1, 1877 -- Smallpox Epidemic, San Francisco, CA	-- 482
73. 1877 -- Smallpox, Cincinnati, OH	-- 56
74. 1879 -- Smallpox, San Antonio, TX; also to lesser extent NYC, NY	-- 141
75. 1880 -- Smallpox, CA, CT, DC, IL, LA, MA, NJ, NM, NY, especially Philly & TX	--1,284
76. 1881 -- Smallpox, esp. Philly, Pittsburgh, Chicago, NYC, Richmond; also DE, HI, NJ, etc.	--5,165
77. 1882 -- Smallpox, esp. Chicago, Cincinnati, PA, Baltimore, NOLA, TN; elsewhere	>6,992
78. 1883 -- Smallpox, esp. New Orleans/834 Baltimore/633 Cincinnati/189 Chattanooga/103	--2,868
79. 1893 -- Smallpox Outbreak, Feb-Dec, Reading, Berks County, PA	-- 18
80. 1894 -- Jan-Dec 17 Smallpox, Chicago, DC, IL, IN, MI (esp. Detroit), NY, PA, WI	--1,397
81. 1895 -- Smallpox Outbreak, Feb 1-Jun 21 esp. Hot Springs AR, Chicago, Cincinnati	-- 160
82. 1896 -- Smallpox, esp. New Orleans (238), Shreveport LA/11, Detroit/11, Dayton (8)	-- 279
83. 1898 -- Smallpox Epidemic, Moqui Indians, AZ	-- 220
84. 1909 -- Smallpox, 29 reporting States and the District of Columbia	-- 132
85. 1910 -- Smallpox, 23 reporting States and DC, esp. MI (121), OK (99), TX (67)	--403-415
86. 1911 -- Smallpox, 29 reporting States and the District of Columbia	-- 134
87. 1912 -- Smallpox, 35 States and DC, especially TX (128); Pittsburgh (33)	--301-307
88. 1917 -- Oct 10-March 8, 1918, Smallpox Epidemic, Eagle Pass, Maverick Co., TX	-- 33
89. 1920 -- Smallpox, 34 registration states, esp. LA/167, MS/45, MO/28, NC/28 ³⁴³	-- 508

³⁴² This does not take into account hundreds of smallpox fatalities in military ranks and especially military prisons.

³⁴³ Based on death certificate data from 34 "registration states" as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

Disease, select communicable/infectious -- **TUBERCULOSIS** subset -- By **Mortality**

1. 1900 -- Tuberculosis, esp. CA, IL, IN, KY, MA, MO, NJ, NY, OH, PA, TN	109,750
2. 1920 -- Tuberculosis, esp. Denver, San Antonio, Nashville, New Orleans	99,916
3. 1879 -- June-May 1880, Tuberculosis, esp., NY, PA, OH, IL, IN, TN, KY, MA	91,270
4. 1931 -- Tuberculosis, esp. CA, IL, NY, OH, PA	81,395
5. 1907 -- Tuberculosis, esp. CA/Chicago, IN/MA/NY (esp. NYC)/PA (esp. Philly)	76,650
6. 1870 -- Tuberculosis (Consumption), nationwide	69,896
7. 1939 -- Tuberculosis, nationwide, esp. CA, IL, NY, OH, PA, TN, TX	61,609
8. 1940 -- Tuberculosis, nationwide, especially CA, IL, NY, OH, PA and TX	55,576
9. 1944 -- Tuberculosis, nationwide, esp. CA, IL, MI, NJ, NY, OH, PA, TN, TX	54,731
10. 1860 -- Tuberculosis (Consumption), nationwide	49,082
11. 1850 -- Tuberculosis (Consumption), nationwide	33,156
12. 1912 -- Jan 1-Jun 8, Tuberculosis, CA, IL, IN, MA, MO, NJ, NYC, PA, TX, WI	17,463
13. 1911 -- Aug-Dec, Tuberculosis, NYC, NY, IL, CA, IN, MA, NJ, PA, TX	10,926
14. 1906 -- Tuberculosis, Philadelphia, PA	--3,742
15. 1909 -- Tuberculosis, Philadelphia, PA	--3,496
16. 1908 -- Tuberculosis, Philadelphia, PA	--3,490
17. 1905 -- Tuberculosis, Philadelphia, PA	--3,365
18. 1910 -- Tuberculosis, Philadelphia, PA	--3,190
19. 1875 -- Consumption (Tuberculosis), leading cause of death in State for year, MI	--1,479
20. 1951 -- Tuberculosis, Col.	-- 200

Disease, select communicable/infectious -- **TUBERCULOSIS** subset -- **Chronological**

1. 1850 -- Tuberculosis (Consumption), nationwide	33,156
2. 1860 -- Tuberculosis (Consumption), nationwide	49,082
3. 1870 -- Tuberculosis (Consumption), nationwide	69,896
4. 1875 -- Tuberculosis (Consumption) leading cause of death in State for year, MI	1,479
5. 1879 -- June-May 1880, Tuberculosis, esp., NY, PA, OH, IL, IN, TN, KY, MA	91,270
6. 1900 -- Tuberculosis, esp. CA, IL, IN, KY, MA, MO, NJ, NY, OH, PA, TN	109,750
7. 1905 -- Tuberculosis, Philadelphia, PA	3,365
8. 1906 -- Tuberculosis, Philadelphia, PA	3,742
9. 1907 -- Tuberculosis, esp. CA/Chicago, IN/MA/NY (esp. NYC)/PA (esp. Philly)	76,650
10. 1908 -- Tuberculosis, Philadelphia, PA	3,490
11. 1909 -- Tuberculosis, Philadelphia, PA	3,496
12. 1910 -- Tuberculosis, Philadelphia, PA	3,190
13. 1911 -- Aug-Dec, Tuberculosis, NYC, NY, IL, CA, IN, MA, NJ, PA, TX	10,926
14. 1912 -- Jan 1-Jun 8, Tuberculosis, CA, IL, IN, MA, MO, NJ, NYC, PA, TX, WI	17,463
15. 1920 -- Tuberculosis, esp. Denver, San Antonio, Nashville, New Orleans	99,916
16. 1931 -- Tuberculosis, esp. CA, IL, NY, OH, PA	81,395
17. 1939 -- Tuberculosis, nationwide, esp. CA, IL, NY, OH, PA, TN, TX	61,609
18. 1940 -- Tuberculosis, nationwide, especially CA, IL, NY, OH, PA and TX	55,576
19. 1944 -- Tuberculosis, nationwide, esp. CA, IL, MI, NJ, NY, OH, PA, TN, TX	54,731
20. 1951 -- Tuberculosis, Colorado	-- 200

Disease, select infectious/communicable -- TYPHOID Fever subset -- By Mortality

1.	1900 -- Typhoid, esp. AL, AR, GA, IN, KY, MS, MO, NY, NC, OH, PA, TN, TX	35,379
2.	1890 -- Typhoid Fever, spiking in Oct, Census "Registration" States	~28,191-29,329
3.	1910 -- Typhoid Fever, nationwide	25,000
4.	1879 -- June-May 1880, Typhoid ("Enteric") Fever, especially IL, IN, MO, OH, TX	23,339
5.	1870 -- Typhoid Fever, nationwide, esp. IL, IN, MA, MO, NY, OH, PA	22,187
6.	1860 -- Typhoid Fever, Census "Registration" States	19,236
7.	1850 -- Typhoid Fever, nationwide	13,099
8.	1907 -- Typhoid Fever, Census "Registration" States and localities	12,670
9.	1918 -- Typhoid Fever, 33 Registration States, DC and Puerto Rico, esp. TX	9,100
10.	1920 -- Typhoid Fever, esp. PA/503 KY/490 OH/435 TN/434 IL/380 NY/SC/379 ³⁴⁴	6,805
11.	1897 -- Typhoid Fever, esp. CT, DC, IN, MI, MN NY, OH, PA, Denver, St. Louis	5,855
12.	1898 -- esp. Jun-Dec, Typhoid, esp. Spanish War Army Camps, esp. Southeast	>4,627
13.	1891 -- Epidemic, Typhoid Fever, Chicago (2,000), DC (208), Philadelphia (516)	--2,724
14.	1911 -- Typhoid Fever, PA	--1,716
15.	1912 -- Typhoid Fever, PA	--1,310
16.	1899 -- Typhoid fever epidemics/outbreaks, Greensboro, NC; PA, esp. Philadelphia	--1,026
17.	1881 -- Typhoid Fever, Birmingham AL, Washington DC, Minneapolis, NYC	-- 692
18.	1875 -- Typhoid Fever, 3 rd leading cause of death in MI for year	-- 433
19.	1912 -- Apr, Typhoid Fever, NY	-- 433
20.	1754 -- Typhoid Fever, Philadelphia, PA	-- 273
21.	1885 -- Typhoid Fever Epidemic, Plymouth, PA (114) & Washington, DC (124)	-- 238
22.	1893 -- Typhoid Fever, Washington, DC	-- 186
23.	1892 -- Typhoid Fever, Washington, DC	-- 183
24.	1889 -- Typhoid Fever, Washington, DC	-- 170
25.	1888 -- Typhoid Fever, Washington, DC	-- 168
26.	1886 -- Typhoid Fever, Washington, DC	-- 125
27.	1882 -- Typhoid Fever, Washington, DC	-- 120
28.	1887 -- Typhoid Fever, Washington, DC	-- 116
29.	1853 -- Typhoid outbreak, Native Americans, Nevada City vicinity, CA	-- ~100
30.	1883 -- Typhoid Fever, Washington, DC	-- 92
31.	1727 -- Sum. esp., Typhoid fever-like epidemic Norwich (~40) & Woodbury (≥44), CT ³⁴⁵	≥84
32.	1884 -- Typhoid Fever, Washington, DC	-- 76
33.	1746 -- Aug-frost (probably Oct), Yellow Fever or Typhoid epidemic, Albany, NY ³⁴⁶	-- 45

³⁴⁴ Based on death certificate data from 34 "registration states" as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

³⁴⁵ Epidemic cause not known. One of the sources (Duffy) notes it bore "some resemblance to typhoid attacks."

³⁴⁶ Sources consulted then and since (five), disagree as to yellow fever or typhoid. Cross-listing in both sub-sets.

Disease, select communicable -- TYPHOID Fever subset -- Chronological

1.	1727 -- Sum. esp., Typhoid fever-like epidemic Norwich (~40) & Woodbury (≥44), CT ³⁴⁷	≥84
2.	1746 -- Aug-frost (probably Oct), Yellow Fever or Typhoid epidemic, Albany, NY ³⁴⁸	-- 45
3.	1754 -- Typhoid Fever, Philadelphia, PA	-- 273
4.	1850 -- Typhoid Fever, nationwide	13,099
5.	1853 -- Typhoid outbreak, Native Americans, Nevada City vicinity, CA	-- ~100
6.	1860 -- Typhoid Fever, Census “Registration” States	19,236
7.	1870 -- Typhoid Fever, nationwide, esp. IL, IN, MA, MO, NY, OH, PA	22,187
8.	1875 -- Typhoid Fever, 3 rd leading cause of death in MI for year	-- 433
9.	1879 -- June-May 1880, Typhoid (“Enteric”) Fever, especially IL, IN, MO, OH, TX	23,339
10.	1881 -- Typhoid Fever, Birmingham AL, Washington DC, Minneapolis, NYC	-- 692
11.	1882 -- Typhoid Fever, Washington, DC	-- 120
12.	1883 -- Typhoid Fever, Washington, DC	-- 92
13.	1884 -- Typhoid Fever, Washington, DC	-- 76
14.	1885 -- Typhoid Fever Epidemic, Plymouth, PA (114) & Washington, DC (124)	-- 238
15.	1886 -- Typhoid Fever, Washington, DC	-- 125
16.	1887 -- Typhoid Fever, Washington, DC	-- 116
17.	1888 -- Typhoid Fever, Washington, DC	-- 168
18.	1889 -- Typhoid Fever, Washington, DC	-- 170
19.	1890 -- Typhoid Fever, nationwide, spiking in Oct	~28,191-29,329
20.	1891 -- Typhoid Fever, Chicago (2,000), DC (208), Philadelphia (516)	--2,724
21.	1892 -- Typhoid Fever, Washington, DC	-- 183
22.	1893 -- Typhoid Fever, Washington, DC	-- 186
23.	1897 -- Typhoid Fever, esp. CT, DC, IN, MI, MN NY, OH, PA, Denver, St. Louis	--5,855
24.	1898 -- esp. Jun-Dec, Typhoid, esp. Spanish War Army Camps, esp. Southeast	>4,627
25.	1899 -- Typhoid fever epidemics/outbreaks, Greensboro, NC; PA, esp. Philadelphia	--1,026
26.	1900 -- Typhoid, esp. AL, AR, GA, IN, KY, MS, MO, NY, NC, OH, PA, TN, TX	35,379
27.	1907 -- Typhoid, Census “Registration” States and localities	12,670
28.	1910 -- Typhoid Fever, nationwide	25,000
29.	1911 -- Typhoid Fever, PA	--1,716
30.	1912 -- Typhoid Fever, PA	--1,310
31.	1918 -- Typhoid Fever, 33 Registration States, DC and Puerto Rico, esp. TX	--9,100
32.	1920 -- Typhoid Fever, esp. PA/503 KY/490 OH/435 TN/434 IL/380 NY/SC/379³⁴⁹	--6,805

³⁴⁷ Epidemic cause not known. One of the sources (Duffy) notes it bore “some resemblance to typhoid attacks.”

³⁴⁸ Sources noted then and since (five), disagree as to yellow fever or typhoid. Cross-listing in both sub-sets.

Disease, select communicable/contagious – TYPHUS subset – By Mortality

1. 1870 -- Typhus, nationwide, especially IL, IN, NY, and PA --1,770
2. 1586 -- Passamaquoddy Natives “Devastated” by Typhus Epidemic, Maine --Hundreds?
3. 1892 -- Typhus Fever, NYC, NY -- 200
4. 1814 -- Summer-Fall, Epidemic Fever (referred to as Typhus), Wardsborough, VT --23-26

Disease, select communicable/contagious – TYPHUS subset – Chronological

1. 1586 -- Passamaquoddy Natives “Devastated” by Typhus Epidemic, Maine --Hundreds?
2. 1814 -- Summer-Fall, Epidemic Fever (referred to as Typhus), Wardsborough, VT --23-26
3. 1870 -- Typhus, nationwide, especially IL, IN, NY, and PA --1,770
4. 1892 -- Typhus Fever, NYC, NY -- 200

³⁴⁹ Based on death certificate data from 34 “registration states” as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY.

Disease, select communicable -- **WHOOPING COUGH** subset -- By **Mortality**

1.	1879 -- June-May 1880, Whooping Cough, nationwide, esp. IN, GA, NC, TX, AL	11,064
2.	1920 -- Whooping Cough, esp. PA/1,195, NY/1,063, OH/845, IL/553 MA/536 ³⁵⁰	10,968
3.	1870 -- Whooping or "Hooping" Cough, nationwide, esp. NY, IL, IN, OH, PA	--9,008
4.	1860 -- Whooping Cough, nationwide, especially, NY, NC, OH, PA, and VA	--8,408
5.	1850 -- Whooping Cough, nationwide	--5,280
6.	1907 -- Whooping Cough, Census Registration States and localities	--4,856
7.	1931 -- Whooping Cough, year, especially children, esp. IL, KY, NY and PA	--4,619
8.	1943 -- Jan-Dec, Whooping Cough, especially children, nationwide	--3,368
9.	1939 -- Whooping Cough, nationally, esp. AL, GA, IL, MS, NY, NC, PA, TX, VA	--3,026
10.	1940 -- Whooping Cough, Nationwide, especially TX and KY	--2,926
11.	1944 -- Whooping Cough, Nationwide, especially NC, VA, TX, SC, KY, MS	--1,878
12.	1875 -- Whooping Cough, MI	-- 101
13.	1894 -- Feb 4-10, Whooping Cough Outbreak, New York City, NY	-- 101
14.	1770 -- "Chin" (Whooping) Cough epidemic esp. children, Salem (pop. ~5,000), MA	-- 37
	1981 -- Whooping Cough, CO, GA, KY, ND, WA, WI, 1 each	-- 6

³⁵⁰ Data from 34 registration States and a number of cities $\geq 100,000$ in non-registration states.

Disease, select communicable -- **WHOOPING COUGH** subset -- **Chronological**

1. 1770 -- “Chin” (Whooping) Cough epidemic esp. children, Salem (pop. ~5,000), MA -- 37
2. 1850 -- Whooping Cough, nationwide --5,280
3. 1860 -- Whooping Cough, nationwide, especially, NY, NC, OH, PA, and VA --8,408
4. 1870 -- Whooping or “Hooping” Cough, Nationwide, esp. NY, IL, IN, OH, PA --9,008
5. 1875 -- Whooping Cough, MI -- 101
6. 1879 -- June-May 1880, Whooping Cough, nationwide, esp. IN, GA, NC, TX, AL 11,064
7. 1894 -- Feb 4-10, Whooping Cough Outbreak, New York City, NY -- 101
8. 1907 -- Whooping Cough, Census Registration States and localities --4,856
9. 1920 -- Whooping Cough, esp. PA/1,195, NY/1,063, OH/845, IL/553 MA/536³⁵¹ 10,968
10. 1931 -- Whooping Cough, year, especially children, esp. IL, KY, NY and PA --4,619
11. 1939 -- Whooping Cough, nationally, esp. AL, GA, IL, MS, NY, NC, PA, TX, VA --3,026
12. 1940 -- Whooping Cough, Nationwide, especially TX and KY --2,926
13. 1943 -- Jan-Dec, Whooping Cough, especially children, nationwide --3,368
14. 1944 -- Whooping Cough, Nationwide, especially NC, VA, TX, SC, KY, MS --1,878
15. 1981 -- Whooping Cough, CO, GA, KY, ND, WA, WI, 1 each -- 6

³⁵¹ Data from 34 registration States and a number of cities $\geq 100,000$ in non-registration states.

DISEASE, communicable³⁵² -- **YELLOW FEVER** subset -- **By MORTALITY**

1. 1878 -- June-Dec, Yellow Fever, esp. LA (esp. New Orleans), MS, TN (esp. Memphis) ~20,000
2. 1853 -- May-Dec, Yellow Fever, esp. AL/1293, LA/~15K, MS/1311 TX/871--18,770-19,533
3. 1867 -- July-Dec, Yellow Fever, esp. New Orleans, Galveston/Houston; also AL/FL/MS/TN 10,004
4. 1798 -- Yellow Fever Epidemic, East Coast Port Cities --10,000
5. 1858 -- June-Dec, Yellow Fever, esp. Charleston SC; Galveston & Indianola; New Orleans/4855- 6,490
6. 1855 -- June-Nov, Yellow Fever, esp. New Orleans/2,670; Norfolk/Portsmouth, VA/3K-6,059
7. 1793 -- Aug–Nov, Yellow Fever Epidemic, Philadelphia, PA 4,041-5,000
8. 1854 -- June-Dec, Yellow Fever, esp. Jacksonville, Charleston, Galveston, NOLA, Savannah --4,238
9. 1873 -- July-Dec, Yellow Fever, esp. Memphis, AL, Pensacola, Louisville, LA, TX-3542-3584
10. 1841 -- Yellow Fever, esp. FL & LA, esp. New Orleans, also Vicksburg, Charleston --3,498

11. 1847 -- Yellow Fever, esp. NOLA, also Galveston, Mobile, Pensacola, Vicksburg³⁵³ ≥3,400
12. 1693 -- Jun 17 start, Yellow Fever, Boston, arrival of British fleet from Martinique³⁵⁴ --3,100
13. 1819 -- Yellow Fever, esp. Charleston, Mobile, Natchez; most esp. New Orleans--2,871-3,019
14. 1839 -- June-Oct, Yellow Fever, SC, FL, GA, TX, esp. Mobile, Natchez, New Orleans--~2,764
15. 1822 -- Yellow Fev., esp. late Sum-Fall, esp. NOLA/Marietta OH/NYC/Pensacola³⁵⁵--1,519-2,741
16. 1797 -- Yellow Fever, New Design, MO, NYC, Philly, Providence, RI --2,502
17. 1864 -- Yellow Fever, Charleston, SC, Galveston, New Bern NC, New Orleans --2,381
18. 1837 -- Aug-Nov, Yellow Fever Epidemics, Mobile AL; New Orleans LA; Natchez MS-1,550-1,930
19. 1800 -- Yellow Fever, esp. Baltimore, Charleston SC, Norfolk, Providence RI --1,509-1,806
20. 1862 -- Yellow Fever, FL, Wilmington NC, Hilton Head SC, Matagorda TX --1,499
21. 1843 -- July-Nov, Yellow Fever, esp. Mobile AL (240-750), New Orleans (487-700)-- 758-1,481
22. 1803 -- Yellow Fever Epidemic, July 18-Oct, Charleston, SC, NY, VA, Philadelphia --1,403
23. 1799 -- Yellow Fever, esp. Charleston, SC, NYC, Philadelphia, *Delaware & Greene* --1,356
24. 1820 -- May-Dec, Yellow Fever, Savannah GA/New Orleans/NYC/Philadelphia --1,335
25. 1876 -- Yellow Fever, Savannah (also Brunswick), GA; also New Orleans & Baltimore --1,293
26. 1817 -- June-Dec, Yellow Fever, esp. Charleston SC, Natchez MS, New Orleans-1,208-1,233
27. 1829 -- Yellow Fever, esp. FL, Mobile AL/130; Natchez MS/90; New Orleans LA/900--1,146
28. 1870 -- May-Dec, Yellow Fever, esp. New Orleans/587 Mobile/173 Brunswick, GA --1,038
29. 1833 -- Early Aug-early Nov, Yellow Fever Epidemic, New Orleans, LA --1,000
30. 1796 -- Yellow Fever, esp. Charleston, SC/300, New Orleans/250-400; Wilmington, NC/150-836-986
31. 1887 -- Yellow Fever Outbreaks, esp. Fernandina & Tampa, FL & New Orleans, LA -- 941
32. 1848 -- Yellow Fever, Jun-Nov, Mobile, New Orleans, NY Marine Hospital -- 938
33. 1849 -- Yellow Fever Epidemic -- Charleston SC, New Orleans -- 912
34. 1905 -- Yellow Fever Epidemic, May-Oct, LA, especially New Orleans -- 869

³⁵² Communicable in the sense that once imported into an area by an infected person or a carrying female mosquito of the *Aedes aegypti* or *Haemagogus* type, the disease is spread by other mosquitoes of this type biting an infected person and then an uninfected person. If an infected person travels to another location and is bitten by an *Aedes aegypti* mosquito, then the infection can be communicated to other people in that location by a bite from that mosquito. Infected mosquitoes can also pass the infection along to her eggs, and thus further spread.

³⁵³ Was in at least 10 Louisiana locations other than New Orleans; also in six known locations other than Vicksburg in Mississippi; was in Memphis, TN, and Brazos, Houston and Matamoros, Texas. Mostly late Summer and Fall.

³⁵⁴ Number is of sailor/soldier yellow fever deaths. We do not know number who were American, or how many Boston area residents died when the disease communicated to the town.

³⁵⁵ Also includes 101 fatalities on the U.S. Frigate *Macedonian*, sailing in the Caribbean late Spring to mid Summer.

35. 1809 -- Yellow Fever, esp. Brooklyn/NYC (42); New Orleans (civilian/military; ~800), LA--850
36. 1795 -- July 19–Oct 12, Yellow Fever Epidemic, NY City, also Providence, RI ~745-800
37. 1879 -- June-Dec, Yellow Fever, Forest City, AR, Louisiana, MS, Memphis, TN --682-786
38. 1850 -- Jan-Oct, Yellow Fever, especially New Orleans, LA -- 785
39. 1805 -- Yellow Fever Epidemic, New York, Philadelphia, Providence, RI -- 750

Diseases, communicable -- YELLOW FEVER subset -- By MORTALITY -- Cont.

40. 1852 -- Yellow Fever, Charleston, New Orleans, Savannah -- 745
41. 1794 -- Yellow Fever Epidemic -- 624
42. 1844 -- Yellow Fever, esp. Galveston TX (400); Mobile AL (40); New Orleans LA (148)--590
43. 1823 -- July-Nov 1, Yellow Fever Epidemic, Natchez & vicinity, MS, New Orleans -- 581
44. 1702 -- Summer to late Fall, Yellow Fever Epidemic, New York City, NY --500-570
45. 1802 -- Yellow Fever, Wilmington DE, MD, MA, Philadelphia, NH, SC -- 561
46. 1888 -- July-Dec, Yellow Fever epidemic, FL esp. Jacksonville/430; Decatur AL/35 -- 546
47. 1699 -- Yellow Fever Epidemics, Charleston, SC (170-311); Philadelphia (220) --390-531
48. 1897 -- Sep-Dec, Yellow Fever, esp. Mobile/48, New Orleans/298, MS, Memphis TN-- ~520
49. 1811 -- Yellow Fever Epidemic, New Orleans, LA -- >500
50. 1871 -- July 30-Dec 18, Yellow Fever, esp. MS/143, Charleston SC/213, New Orleans/55-- 454
51. 1825 -- Yellow Fever, esp. Mobile, Key West & Pensacola, NOLA, Natchez, Washington MS--428
52. 1821 -- Summer-fall, Yellow Fever, esp. Norfolk, VA (~160); St Augustine, FL (172)-- ≥414
53. 1832 -- Yellow Fever Outbreak, New Orleans, LA -- 400
54. 1874 -- Aug 17-Nov 9, Yellow Fever, Pensacola, Warrington, Woolsey, FL/381; also N.O.-- 398
55. 1838 -- Yellow Fever, New Orleans LA (17), NY Marine Hosp. (8) Charleston SC (351)-- 376
56. 1824 -- July-Nov, Yellow Fever, esp. Charleston SC (235); New Orleans LA (≥108)-364-373
57. 1856 -- Aug-Sep, Yellow Fever, Charleston SC/212-266, New Orleans/74, NY/12 --304-358
58. 1857 -- June-Dec, Yellow Fever, Charleston SC, Jacksonville FL/127, New Orleans/199-- 353
59. 1828 -- Yellow Fever, esp. Charleston SC/26, Memphis/56, MS/90, New Orleans/150-- 332
60. 1835 -- Aug-Sep, Yellow Fever, Charleston SC (25-26) New Orleans LA (284-289) --309-315
61. 1859 -- Yellow Fever Epidemic, Galveston & Edinburgh TX; New Orleans, LA -- 290
62. 1842 -- July-Oct, Yellow Fever Epidemics, Mobile AL (66-77), New Orleans (211) --285-289
63. 1741 -- Yellow Fever Epidemic, Boston MA and especially Philadelphia PA -- 265
64. 1877 -- Aug-Nov, Yellow Fever, esp. Enterprise/112, Fernandina/94, St. Augustine/50, FL-- 263
65. 1763 -- Aug-Feb 1774, Yellow Fever, Indians, Nantucket Isl., & Martha's Vineyard, MA³⁵⁶-200-261
66. 1818 -- Yellow Fever epidemics, esp. Charleston SC (115); New Orleans, LA (115) -- 234
67. 1732 -- May-Oct, Yellow Fever outbreaks, Charleston SC (130-150), NYC (70) --200-220
68. 1743 -- July 25-Oct, Yellow Fever Epidemic, New York City, NY -- 217
69. 1866 -- Aug-Nov (esp.), Yellow Fever Outbreaks, especially New Orleans, LA (185) -- 211
70. 1791 -- Yellow Fever Epidemic, New York City, NY -- 200
71. 1863 -- Yellow Fever Outbreak, Pensacola, FL -- 200
72. 1804 -- Yellow Fever Epidemics, NOLA, Brooklyn, NY & especially Charleston, SC -- 198
73. 1882 -- Yellow Fever, Aug-Nov, Pensacola, FL -- 198
74. 1827 -- Yellow Fever, esp. Charleston, SC (64) & New Orleans (109) epidemics -- ≥195
75. 1898 -- Aug 23-Nov 18, Yellow Fever, LA, especially New Orleans (57); MS (80) --175
76. 1830 -- July-Fall, Yellow Fever, Charleston SC (39) & especially New Orleans (132) -- 172

³⁵⁶ The Nantucket Island Native American population was decimated, only a small percentage survived.

77. 1807 -- Yellow Fever Epidemic, especially Charleston, SC	-- 169
78. 1846 -- Yellow Fever epidemic, New Orleans, LA (146-160); also Mobile AL (4)	--151-165
79. 1801 -- Yellow Fever Epidemic, Queensborough, NYC, NY	-- 156
80. 1834 -- Yellow Fever Epidemic, New Orleans (≥ 95), LA; Charleston (49), SC	-- 144
81. 1728 -- Late Summer to Fall, Yellow Fever, Charleston, SC	-- <130
82. 1899 -- July-Dec, Yellow Fever, esp. Key West/68 Miami/14; New Orleans/23; MS, VA	-- 126
83. 1765 -- Yellow Fever Epidemic, Pensacola, FL	-- 125
84. 1762 -- Aug-Nov, ³⁵⁷ Yellow Fever, Philadelphia, PA	--~100?

Diseases, communicable -- YELLOW FEVER subset -- By MORTALITY -- Cont.

85. 1739 -- Yellow Fever, “severe” extensive, “raged...violently,” Charleston, SC ³⁵⁸	--Dozens
86. 1745 -- June-Nov, Yellow Fever, New York City and especially Charleston, SC ³⁵⁹	--Dozens
87. 1875 -- Yellow Fever Outbreak, Key West, FL & Pascagoula, MS	-- 98
88. 1792 -- Yellow Fever Epidemic, Charleston, SC	-- <96
89. 1808 -- Yellow Fever Epidemic, Sep 5-Oct, St. Mary’s, GA	-- 84
90. 1883 -- Yellow Fever Outbreaks, Aug 05-Nov 6, Brewton, AL, FL	-- 74
91. 1706 -- Aug-Oct especially, Yellow Fever Epidemic, Charleston, SC	-- ~65
92. 1893 -- Yellow Fever, Sep, Fort Bayou, AL, FL, Brunswick, GA	-- 61
93. 1872 -- July 11-Nov 19, Yellow Fever, New Orleans, LA/~40; Galveston, TX/10	--50-51
94. 1747 -- June 29- frost (probably Oct), Yellow Fever, Philadelphia, PA	-- >43
95. 1880 -- Yellow Fever Outbreak, July 16, beginning, Jacksonville, FL	-- 34
96. 1748 -- Mid-Aug to mid- Oct, Yellow Fever outbreak, Charleston, SC	-- ≥ 33
97. 1840 -- Yellow Fever Outbreak, Charleston, SC (22), New Orleans (3)	-- 25
98. 1851 -- Yellow Fever Outbreak, New Orleans, LA	-- 16
99. 1668 -- Yellow Fever Outbreak, New York, NY	-- > 10

³⁵⁷ Redman has the outbreak from Aug-Oct. Rush has it from Aug-Dec. We compromise between the two in that the mosquitoes which are the vector are generally killed off, or go into hibernation, with the first good frost.

³⁵⁸ The closest we have seen to a fatality estimate is Duffy’s note that it “was not quite as bad as the previous one [yellow fever epidemic] in 1732.” In that year between 130 and 150 people are estimated to have died from yellow fever in Charleston. (Duffy, John. *Epidemics in Colonial America*. Baton Rouge: LSU Press, 1953, 1979, p. 152.)

³⁵⁹ Cannot find number of reported deaths, but a Census of Charleston for the year 1848 compares the fatality of 145 to that of 1732, wherein 130-150 people died from yellow fever.

Diseases, communicable -- YELLOW FEVER subset -- CHRONOLOGICAL

1. 1668 -- Yellow Fever Outbreak, New York, NY -- > 10
2. 1693 -- June 17 start, Yellow Fever, Boston, arrival of British fleet from Martinique³⁶⁰-3,100
3. 1699 -- Yellow Fever Epidemics, Charleston, SC (170-311); Philadelphia (220) --390-531

4. 1702 -- Summer to late Fall, Yellow Fever Epidemic, New York City, NY --500-570
5. 1706 -- Aug-Oct especially, Yellow Fever Epidemic, Charleston, SC -- ~65
6. 1728 -- Late Summer to Fall, Yellow Fever, Charleston, SC -- <130
7. 1732 -- May-Oct, Yellow Fever outbreaks, Charleston SC (130-150), NYC (70) --200-220
8. 1739 -- Yellow Fever, “severe” extensive, “raged...violently,” Charleston, SC³⁶¹ --Dozens
9. 1741 -- Yellow Fever Epidemic, Boston MA and especially Philadelphia PA -- 265
10. 1743 -- July 25-Oct, Yellow Fever Epidemic, New York City, NY -- 217
11. 1745 -- June-Nov, Yellow Fever, New York City and especially Charleston, SC³⁶² --Dozens
12. 1747 -- June 29- frost (probably Oct), Yellow Fever, Philadelphia, PA -- >43
13. 1748 -- Mid-Aug to mid- Oct, Yellow Fever outbreak, Charleston, SC -- ≥33
14. 1762 -- Aug-Nov,³⁶³ Yellow Fever, Philadelphia, PA --~100?
15. 1763 -- Aug-Feb 1774, Yellow Fever, Indians, Nantucket Isl., & Martha’s Vineyard, MA³⁶⁴-200-261
16. 1765 -- Yellow Fever Epidemic, Pensacola, FL -- 125

17. 1791 -- Yellow Fever Epidemic, New York City, NY -- 200
18. 1792 -- Yellow Fever Epidemic, Charleston, SC -- <96
19. 1793 -- Aug–Nov, Yellow Fever Epidemic, Philadelphia, PA --4,041-5,000
20. 1794 -- Yellow Fever Epidemic -- 624
21. 1795 -- July 19–Oct 12, Yellow Fever Epidemic, NY City, also Providence, RI ~745-800
22. 1796 -- Yellow Fever, esp. Charleston, SC/300, New Orleans/250-400; Wilmington, NC/150-836-986
23. 1797 -- Yellow Fever, New Design, MO, NYC, Philly, Providence, RI --2,502
24. 1798 -- Yellow Fever Epidemic, East Coast Port Cities --10,000
25. 1799 -- Yellow Fever, esp. Charleston, SC, NYC, Philadelphia, *Delaware & Greene* --1,356

26. 1800 -- Yellow Fever, esp. Baltimore, Charleston SC, Norfolk, Providence RI --1,509-1,806
27. 1801 -- Yellow Fever Epidemic, Queensborough, NYC, NY -- 156
28. 1802 -- Yellow Fever, Wilmington DE, MD, MA, Philadelphia, NH, SC -- 561
29. 1803 -- Yellow Fever Epidemic, July 18-Oct, Charleston, SC, NY, VA, Philadelphia --1,403
30. 1804 -- Yellow Fever Epidemics, NOLA, Brooklyn, NY & especially Charleston, SC -- 198
31. 1805 -- Yellow Fever Epidemic, New York, Philadelphia, Providence, RI -- 750
32. 1807 -- Yellow Fever Epidemic, especially Charleston, SC -- 169

³⁶⁰ Number is of sailor/soldier yellow fever deaths. We do not know number who were American, or how many Boston area residents died when the disease communicated to the town.

³⁶¹ The closest we have seen to a fatality estimate is Duffy’s note that it “was not quite as bad as the previous one [yellow fever epidemic] in 1732.” In that year between 130 and 150 people are estimated to have died from yellow fever in Charleston. (Duffy, John. *Epidemics in Colonial America*. Baton Rouge: LSU Press, 1953, 1979, p. 152.)

³⁶² Cannot find number of reported deaths, but a Census of Charleston for the year 1848 compares the fatality of 145 to that of 1732, wherein 130-150 people died from yellow fever.

³⁶³ Redman has the outbreak from Aug-Oct. Rush has it from Aug-Dec. We compromise between the two in that the mosquitoes which are the vector are generally killed off, or go into hibernation, with the first good frost.

³⁶⁴ The Nantucket Island Native American population was decimated, only a small percentage survived.

33. 1808 -- Yellow Fever Epidemic, Sep 5-Oct, St. Mary's, GA -- 84
 34. 1809 -- Yellow Fever, esp. Brooklyn/NYC (42); New Orleans (civilian/military; ~800), LA--850

Diseases, select infectious -- YELLOW FEVER subset-- CHRONOLOGICAL -- Cont.

35. 1811 -- Yellow Fever Epidemic, New Orleans, LA -- >500
 36. 1817 -- June-Dec, Yellow Fever, esp. Charleston SC, Natchez MS, New Orleans-1,208-1,233
 37. 1818 -- Yellow Fever epidemics, esp. Charleston SC (115); New Orleans, LA (115) -- 234
 38. 1819 -- Yellow Fever, esp. Charleston, Mobile, Natchez; most esp. New Orleans--2,871-3,019
39. 1820 -- May-Dec, Yellow Fever, Savannah GA/New Orleans/NYC/Philadelphia --1,335
 40. 1821 -- Summer-fall, Yellow Fever, esp. Norfolk, VA (~160); St Augustine, FL (172)-- ≥414
 41. 1822 -- Yellow Fever, esp. late Sum-Fall, esp. NOLA/Marietta OH/NYC/Pensacola³⁶⁵1,519-2,741
 42. 1823 -- July-Nov 1, Yellow Fever Epidemic, Natchez & vicinity, MS, New Orleans -- 581
 43. 1824 -- July-Nov, Yellow Fever, esp. Charleston SC (235); New Orleans LA (≥108)-364-373
 44. 1825 -- Yellow Fever, esp. Mobile, Key West & Pensacola, NOLA, Natchez, Washington MS-- 428
 45. 1827 -- Yellow Fever, esp. Charleston, SC (64) & New Orleans (109) epidemics -- ≥195
 46. 1828 -- Yellow Fever, esp. Charleston SC/26, Memphis/56, MS/90, New Orleans/150 -- 332
 47. 1829 -- Yellow Fever, esp. FL, Mobile AL/130; Natchez MS/90; New Orleans LA/900--1,146
48. 1830 -- July-Fall, Yellow Fever, Charleston SC (39) & especially New Orleans (132) -- 172
 49. 1832 -- Yellow Fever Outbreak, New Orleans, LA -- 400
 50. 1833 -- Early Aug-early Nov, Yellow Fever Epidemic, New Orleans, LA --1,000
 51. 1834 -- Yellow Fever Epidemic, New Orleans (≥95), LA; Charleston (49), SC -- 144
 52. 1835 -- Aug-Sep, Yellow Fever, Charleston SC (25-26) New Orleans LA (284-289) --309-315
 53. 1837 -- Aug-Nov, Yellow Fever Epidemics, Mobile AL; New Orleans LA; Natchez MS-1,550-1,930
 54. 1838 -- Yellow Fever, New Orleans LA (17), NY Marine Hosp. (8) Charleston SC (351)-- 376
 55. 1839 -- June-Oct, Yellow Fever, SC, FL, GA, TX, esp. Mobile, Natchez, New Orleans--~2,764
56. 1840 -- Yellow Fever Outbreak, Charleston, SC (22), New Orleans (3) -- 25
 57. 1841 -- Yellow Fever, esp. FL & LA, esp. New Orleans, also Vicksburg, Charleston --3,498
 58. 1842 -- July-Oct, Yellow Fever Epidemics, Mobile, AL (66-77), New Orleans (211) --285-289
 59. 1843 -- July-Nov, Yellow Fever, esp. Mobile AL (240-750), New Orleans (487-700)--758-1,481
 60. 1844 -- Yellow Fever, esp. Galveston TX (400); Mobile AL (40); New Orleans LA (148)-590
 61. 1846 -- Yellow Fever epidemic, New Orleans, LA (146-160); also Mobile AL (4) --151-165
 62. 1847 -- Yellow Fever, esp. NOLA, also Galveston, Mobile, Pensacola, Vicksburg³⁶⁶ ≥3,400
 63. 1848 -- Yellow Fever, Jun-Nov, Mobile, New Orleans, NY Marine Hospital -- 938
 64. 1849 -- Yellow Fever Epidemic -- Charleston SC, New Orleans -- 912
65. 1850 -- Jan-Oct, Yellow Fever, especially New Orleans, LA -- 785
 66. 1851 -- Yellow Fever Outbreak, New Orleans, LA -- 16
 67. 1852 -- Yellow Fever, Charleston, New Orleans, Savannah -- 745
 68. 1853 -- May-Dec, Yellow Fever, esp. AL/1293, LA/~15K, MS/1311 TX/871--18,770-19,533

³⁶⁵ Also includes 101 fatalities on the U.S. Frigate *Macedonian*, sailing in the Caribbean late Spring to mid Summer.

³⁶⁶ Was in at least 10 Louisiana locations other than New Orleans; also in six known locations other than Vicksburg in Mississippi; was in Memphis, TN, and Brazos, Houston and Matamoros, Texas. Mostly late Summer and Fall.

- 69. 1854 -- June-Dec, Yellow Fever, esp. Jacksonville, Charleston, Galveston, NOLA, Savannah --4,238
- 70. 1855 -- June-Nov, Yellow Fever, esp. New Orleans/2,670; Norfolk/Portsmouth, VA/3K-6,059
- 71. 1856 -- Aug-Sep, Yellow Fever, Charleston SC/212-266, New Orleans/74, NY/12 --304-358
- 72. 1857 -- June-Dec, Yellow Fever, Charleston SC, Jacksonville FL/127, New Orleans/199-- 353
- 73. 1858 -- June-Dec, Yellow Fever, esp. Charleston SC; Galveston & Indianola; New Orleans/4855- 6,490
- 74. 1859 -- Yellow Fever Epidemic, Galveston & Edinburgh TX; New Orleans, LA -- 290

Diseases, select infectious -- YELLOW FEVER subset -- CHRONOLOGICAL – Cont.

- 75. 1862 -- Yellow Fever, FL, Wilmington NC, Hilton Head SC, Matagorda TX --1,499
- 76. 1863 -- Yellow Fever, Pensacola, FL -- 200
- 77. 1864 -- Yellow Fever, Charleston, SC, Galveston, New Bern NC, New Orleans --2,381
- 78. 1866 -- Aug-Nov (esp.), Yellow Fever Outbreaks, especially New Orleans, LA (185) -- 211
- 79. 1867 -- July-Dec, Yellow Fever, esp. New Orleans, Galveston/Houston; also AL/FL/MS/TN 10,004

- 80. 1870 -- May-Dec, Yellow Fever, esp. New Orleans/587 Mobile/173 Brunswick GA --1,038
- 81. 1871 -- July 30-Dec 18, Yellow Fever, esp. MS/143, Charleston SC/213, New Orleans/55-- 454
- 82. 1872 -- July 11-Nov 19, Yellow Fever Outbreak, New Orleans, LA (39-40); 1 at sea --40-41
- 83. 1873 -- July-Dec, Yellow Fever, esp. Memphis, AL, Pensacola, Louisville, LA, TX-3542-3584
- 84. 1874 -- Aug 17-Nov 9, Yellow Fever, Pensacola, Warrington, Woolsey, FL/381; also N.O.-- 398
- 85. 1876 -- Yellow Fever, Savannah (also Brunswick), GA; also New Orleans & Baltimore --1,293
- 86. 1877 -- Aug-Nov, Yellow Fever, esp. Enterprise/112, Fernandina/94, St. Augustine/50, FL--263
- 87. 1878 -- June-Dec, Yellow Fever, esp. LA (esp. New Orleans), MS, TN (esp. Memphis)~20,000
- 88. 1879 -- June-Dec, Yellow Fever, esp. Forest City, AR, Louisiana, MS, Memphis TN-682-786

- 89. 1880 -- Yellow Fever, July 16, beginning, Jacksonville, FL -- 34
- 90. 1882 -- Yellow Fever, Aug-Nov, Pensacola, FL -- 198
- 91. 1883 -- Yellow Fever, Aug 05-Nov 6, Brewton, AL, FL -- 74
- 92. 1887 -- Yellow Fever Outbreaks, esp. Fernandina & Tampa, FL & New Orleans, LA -- 941
- 93. 1888 -- July-Dec, Yellow Fever epidemic, FL esp. Jacksonville/430; Decatur AL/35 -- 546

- 94. 1893 -- Yellow Fever, Sep, Fort Bayou, AL, FL, Brunswick, GA -- 61
- 95. 1897 -- Sep-Dec, Yellow Fever, esp. Mobile/48, New Orleans/298, MS, Memphis TN-- ~520
- 96. 1898 -- Yellow Fever Outbreak, Sep 25-Oct 25, LA, especially New Orleans -- 89
- 97. 1899 -- Yellow Fever Outbreak, Jacksonville, FL -- 65

- 98. 1905 -- Yellow Fever Epidemic, May-Oct, LA, especially New Orleans -- 869

Diseases, select communicable/infectious – OTHER subset – By Mortality

1. 1829-1834 – Unknown Epidemic, West Coast Native Americans³⁶⁷ 6,500-22,000
2. 1804 -- Epidemic, Possibly Cholera (or Typhoid or Plague) Natives, Oahu, Hawaii >3,000
3. 1616 -- Unknown Epidemic, Natives, especially near coasts of MA, ME, RI --Thousands
4. 1809 -- Disease/Illness, May-Feb 1810, U.S. Army, MS -- 656
5. 1609-10 --Winter, **Starvation**, Disease, Attack, Jamestown Colony, VA³⁶⁸ >400-440
6. 1585, June-June 1586 -- Disease, Natives visited by English from Roanoke Colony NC ≥360
7. 1538-1539, Unknown epidemic, “Cofitachequi”³⁶⁹ Natives, central SC Hundreds
8. 1616-17 – Unknown epidemic, Native Americans, Maine ≥Hundreds
9. 1822 -- Summer, “Bilious [“Intermittent”] Fever” Epidemic, Louisville, KY³⁷⁰ --140-232
10. 1920 -- Mumps, 33 registration states -- 152
11. 1814-15 -- Winter, “Putrid Sore Throat”? epidemic, eastern VA, esp. Northern Neck VA-->100

12. 1607 -- July-Dec, Disease and **Famine/Starvation**, Jamestown Colony, VA³⁷¹ -- 66
13. 1964 -- June 27-Oct 3, St. Louis Encephalitis Epidemic, Houston/33; elsewhere/24³⁷² -- 57
14. 1753-54 -- Dec-Jan (2 mo.), unknown epidemic fever, Holliston (pop. ~80 families), MA--43
15. 1715 -- “Malignant disease,” Plymouth, MA -- 40
16. 1852 -- Nov/Dec, Unknown epidemic, Natives, Hock Farm, Sutter County, CA³⁷³ -- 40
17. 1712-13 -- Oct 1712-Sep 1713, “Malignant Distemper,” Waterbury, CT --21-30
18. 1736 -- July-Nov, Epidemic (scarlet fever or diphtheria?), esp. children, Marblehead MA -- ~25
19. 1726 -- Summer, unknown Typhoid Fever-like Epidemic, Newent Parish, Norwich, CT-- ~20
20. 1741 -- Pre-April, “Long” or “Lung” Fever,” Sutton, MA (19), New London, CT (?) -- ≥19

³⁶⁷ From contemporary accounts, it appears that the year 1833 was the deadliest.

³⁶⁸ Sources utilized do not breakout causes of death, but do give impression that starvation was substantial. In that we do not know how many deaths from the total were attributable to disease, we cross-list here and in starvation.

³⁶⁹ Cofitachequi is the name the Spaniards of Hernando de Soto’s expedition gave to these natives. Some speculate they could have been Catawban. (Holleman, Joey. “The lost tribe of South Carolina.” *The State*, 7-5-2009.)

³⁷⁰ Have chosen to list separately from Yellow Fever entry for 1822 in that it was referred to as Bilious Fever and in that it was not included in books and reports which discussed yellow fever in 1822 by George Augustin, J.M. Keating, John Monette, George M. Sternberg (U.S. Public Health Service), and the U. S. Marine-Hospital Service.

³⁷¹ Cross-listed in Starvation. The sources utilized do not breakout starvation/famine from disease deaths.

³⁷² Some non-Houston deaths, such as some of five in Hale County, TX, area may have been Western Encephalitis. Two deaths in CO, 3 in IL, 2 deaths for IN, 1 in KY, 8 in NJ, 2 in PA, and 1 in TN.

³⁷³ Our use of Nov/Dec in the dating is speculative. The source is the Sacramento *Union* of Dec. 13 and 17, 1852, noting fatalities during one month at John Augustus Sutter’s Hock Farm.

Diseases, select communicable/infectious -- **OTHER** subset -- **Chronological**

1. 1538-1539, **Unknown epidemic**, “Cofitachequi”³⁷⁴ Natives, central SC --Hundreds
2. 1585, June-June 1586 -- **Disease**, Natives visited by English from Roanoke Colony NC ≥360
3. 1607 -- July-Dec, **Disease and Famine/Starvation**, Jamestown Colony, VA³⁷⁵ -- 66
4. 1609-10 Winter, **Starvation, Disease, Attack**, Jamestown Colony, VA³⁷⁶ >400-440
5. 1616-17 -- **Epidemic**, Native Americans, Maine -- ≥Hundreds
6. 1712-13 -- Oct 1712-Sep 1713, “Malignant Distemper,” Waterbury, CT --21-30
7. 1726 -- Summer, unknown Typhoid Fever-like Epidemic, Newent Parish, Norwich, CT ~20
8. 1736 -- July-Nov, Epidemic (scarlet fever or diphtheria?), esp. children, Marblehead MA-- ~25
9. 1741 -- Pre-April, “Long” or “Lung” Fever,” Sutton, MA (19), New London, CT (?) -- ≥19
10. 1753-54--Dec-Jan (2 mo.), unknown epidemic fever, Holliston (pop. ~80 families), MA-- 43
11. 1804 -- **Epidemic**, Possibly Cholera (or Typhoid or Plague) Natives, Oahu, Hawaii >3,000
12. 1809 -- **Disease/Illness**, May-Feb 1810, U.S. Army, MS -- 656
13. 1814-15 -- Wtr., “Putrid Sore Throat”? epidemic, eastern VA, esp. Northern Neck VA-->100
14. 1822 -- Summer, “**Bilious [“Intermittent”] Fever**” Epidemic, Louisville, KY³⁷⁷ --140-232
15. 1829-34--**Unknown Epidemic**, West Coast Native Americans³⁷⁸ --6,500-22,000
16. 1852 -- Nov/Dec, **Unknown epidemic**, Natives, Hock Farm, Sutter County, CA³⁷⁹ -- 40
17. 1920 -- **Mumps**, 33 registration states -- 152
18. 1964 -- June 27-Oct 3, **St. Louis Encephalitis** Epidemic, Houston/33; elsewhere/24³⁸⁰-- 57

³⁷⁴ Cofitachequi is the name the Spaniards of Hernando de Soto’s expedition gave to these natives. Some speculate they could have been Catawban. (Holleman, Joey. “The lost tribe of South Carolina.” *The State*, 7-5-2009.)

³⁷⁵ Cross-listed in Starvation. The sources utilized do not breakout starvation/famine from disease deaths.

³⁷⁶ Sources utilized do not breakout causes of death, but do give impression that starvation was substantial. In that we do not know how many deaths from the total were attributable to disease, we cross-list here and in starvation.

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³⁷⁸ From contemporary accounts, it appears that the year 1833 was the deadliest.

³⁷⁹ Our use of Nov/Dec in the dating is speculative. The source is the Sacramento *Union* of Dec. 13 and 17, 1852, noting fatalities during one month at John Augustus Sutter’s Hock Farm.

³⁸⁰ Some non-Houston deaths, such as some of five in Hale County, TX, area may have been Western Encephalitis. Two deaths in CO, 3 in IL, 2 deaths for IN, 1 in KY, 8 in NJ, 2 in PA, and 1 in TN.

DROWNINGS

1. 1929 -- July 4, **Drownings**, Grand Haven State Park, MI

-- 10

DUST Bowl, Dust and Sand Storms – Deadliest American – By Mortality

1. 1930/39 -- Dust Bowl, TX and OK Panhandles -- 68
2. 1991 -- Nov 29, Dust Storm, Massive I-5 Pileup, Coalinga, CA³⁸¹ -- 17
3. 1935 -- March 15-22, Dust Storms, MO, NE, NM, esp. KS/8 deaths, CO/6, TX/1 -- 15
4. 1945 -- July 14, USAAF B-29 Crash/Sandstorm, Kirtland Fld., Albuquerque NM³⁸² -- 13
5. 1995 -- Apr 9, Dust Storm-Related Vehicle Accidents, Bowie, AZ³⁸³ -- 10
6. 1950 -- Mar 25 Dust Storms & Auto Accidents, OK, TX, KS, MO, NM, NE -- 8
7. 1999 -- Sep 25, I-84 pileup/dust storm/high wind/wheat field under plow ~Pendleton OR³⁸⁴ -8
8. 2009 -- Dec 22, Dust Storm, Auto Collisions, Casa Grande, south of Phoenix, AZ -- 3

DUST Bowl, Dust and Sand Storms – Deadliest American – Chronological

1. 1930/39 -- Dust Bowl, TX and OK Panhandles -- 68
2. 1935 -- March 15-22, Dust Storms, MO, NE, NM, esp. KS/8 deaths, CO/6, TX/1 -- 15
3. 1945 -- Jul 14, USAAF B-29 Crash/Sandstorm, Kirtland Fld., Albuquerque NM³⁸⁵ -- 13
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8. 2009 -- Dec 22, Dust Storm, Auto Collisions, Casa Grande, south of Phoenix, AZ -- 3

³⁸¹ Cross-listed in Road Events.

³⁸² Cross-listed in "Aviation."

³⁸³ Cross-listed in Road Events.

³⁸⁴ Cross-listed in Road Events.

³⁸⁵ Cross-listed in "Aviation."

³⁸⁶ Cross-listed in Road Events.

³⁸⁷ Cross-listed in Road Events.

³⁸⁸ Cross-listed in Road Events.

EARTHQUAKES – Deadliest American – By Mortality:

1.	1906 -- Apr 18, Earthquake, Fire, Landslides, San Francisco & vicinity, CA ³⁸⁹	--3,000-5,000
2.	1811 -- Dec 16-Feb 7, 1812, Earthquakes, New Madrid, KY, TN, NE AR, MO	--~379-1,000
3.	1946 -- Apr 01, Earthquake/Tsunami, Aleutian Islands, AK ³⁹⁰	-- 170
4.	1933 -- Mar 10, Earthquake, Long Beach, CA	-- 120
5.	1918 -- Oct 11, Earthquake, Northwestern Mona Passage, Puerto Rico	-- 116
6.	1886 -- Aug 31, Magnitude 7.3 Earthquake, Charleston, SC	--60~100
7.	1868 -- Apr 02, Earthquake, Hawaii Island, HI ³⁹¹	-- 93
8.	1994 -- Jan 17, Northridge Earthquake, Los Angeles vicinity, CA	--71-72
9.	1989 -- Oct 17, Loma Prieta Earthquake, San Francisco Bay Area, CA	--66-68
10.	1971 -- Feb 09, Earthquake, San Fernando (Sylmar), CA	-- 65
11.	1812 -- Dec 08, Earthquake, Wrightwood/San Juan Capistrano, CA	-- 42
12.	1868 -- Oct 21, Earthquake, Hayward/San Francisco Bay-Area, CA	-- 30
13.	1872 -- Mar 26 Earthquake, Lone Pine, Owens Valley, Central CA	-- 30
14.	1959 -- Aug 18, Earthquake and Landslides, Hebgen Lake, MT ³⁹²	-- 28
15.	1964 -- Mar 27, Earthquake, Anchorage, AK	-- 15
16.	1925 -- June 29, Earthquake, Santa Barbara, CA	-- 13
17.	1952 -- July 21, Earthquake, Kern County, CA	-- 12
	1940 -- May 19, Earthquake, Imperial Valley, CA	-- 9
	1949 -- Apr 13, Earthquake, Puget Sound-area, WA	-- 8

³⁸⁹ Cross-listed in Fire and in Landslides, in that there were a small number of deaths due to slides.

³⁹⁰ Cross-listed with Tsunamis

³⁹¹ Landslide fatalities = 31, tsunami fatalities = 46. (USGS, Deaths in the United States from Earthquakes, 2008)

³⁹² Cross-listed in Landslides in that most of the fatalities were landslide related.

EARTHQUAKES – Deadliest American – CHRONOLOGICAL:

1.	1811 -- Dec 16-Feb 7, 1812, Earthquakes, New Madrid, KY, TN, NE AR, MO	--~379-1,000
2.	1812 -- Dec 08, Earthquake, Wrightwood/San Juan Capistrano, CA	-- 42
3.	1868 -- Apr 02, Earthquake, Hawaii Island, HI ³⁹³	-- 93
4.	1868 -- Oct 21, Earthquake, Hayward/San Francisco Bay-Area, CA	-- 30
5.	1872 -- Mar 26 Earthquake, Lone Pine, Owens Valley, Central CA	-- 30
6.	1886 -- Aug 31, Magnitude 7.3 Earthquake, Charleston, SC	--60~100
7.	1906 -- Apr 18, Earthquake, Fire, Landslides, San Francisco & vicinity, CA ³⁹⁴	--3,000-5,000
8.	1918 -- Oct 11, Earthquake, Northwestern Mona Passage, Puerto Rico	-- 116
9.	1925 -- June 29, Earthquake, Santa Barbara, CA	-- 13
10.	1933 -- Mar 10, Earthquake, Long Beach, CA	-- 120
	1940 -- May 19, Earthquake, Imperial Valley, CA	-- 9
11.	1946 -- Apr 01, Earthquake/Tsunami, Aleutian Islands, AK ³⁹⁵	-- 170
	1949 -- Apr 13, Earthquake, Puget Sound-area, WA	-- 8
12.	1952 -- July 21, Earthquake, Kern County, CA	-- 12
13.	1959 -- Aug 18, Earthquake and Landslides, Hebgen Lake, MT ³⁹⁶	-- 28
14.	1964 -- Mar 27, Earthquake, Anchorage, AK	-- 15
15.	1971 -- Feb 09, Earthquake, San Fernando (Sylmar), CA	-- 65
16.	1989 -- Oct 17, Loma Prieta Earthquake, San Francisco Bay Area, CA	--66-68
17.	1994 -- Jan 17, Northridge Earthquake, Los Angeles vicinity, CA	--71-72

³⁹³ Landslide fatalities = 31, tsunami fatalities = 46. (USGS, Deaths in the United States from Earthquakes, 2008)

³⁹⁴ Cross-listed in Fire and in Landslides, in that there were a small number of deaths due to slides.

³⁹⁵ Cross-listed with Tsunamis

³⁹⁶ Cross-listed in Landslides in that most of the fatalities were landslide related.

ENVIRONMENTAL SMOG/POLLUTION – Deadliest American – By MORTALITY

1. 1953 -- Nov 12-23, Smog, New York City --150-260
2. 1966 -- Smog, New York City -- 168
3. 1948 -- Oct 26-31, Industrial Smog/Pollution, Donora (and Webster), PA³⁹⁷ --20-22

³⁹⁷ These were deaths during the week of Oct 26-31. Deaths were higher than expected for several months.

EXPLOSIONS -- Master Set -- Deadliest American -- By MORTALITY

Commercial/Gas/Industrial/Military/ (Excludes Aviation, Maritime Boiler & Mining)

1. 1947 -- Apr 16-17, Ammonium Nitrate Explosion, *Grandcamp*, Texas City, TX³⁹⁸ --581-600
2. 1944 -- Nov 10, Explosion, USS *Mount Hood*, Seeadler Harbor, Manus Island³⁹⁹ --372-378
3. 1944 -- July 17, Munitions Ships Explode while loading, Port Chicago, CA⁴⁰⁰ --320-325
4. 1937 -- March 18, Natural Gas explosion, consolidated school, New London, TX --311-319
5. 1865 -- May 25, Mobile Magazine Explosion, Mobile, AL -- 300
6. 1864 -- July 30, Federal Powder Explosion underneath Rebel Redoubt, Petersburg, VA-- 278
7. 1898 -- Feb 15, Battleship USS *Maine* Magazine Explos., Havana Hbr., Cuba⁴⁰¹ --263-268
8. 1918 -- May 18, Aetna Chemical Co. Munitions Plant Explosion, Oakdale, PA -- 193
9. 1995 -- Apr 19, Terrorism, Alfred P. Murrah Federal Bldg. Bombing, Oklahoma City⁴⁰²--168
10. 1944 -- May 21, Munitions Explosion, West Loch, Pearl Harbor, HI -- 163

11. 1944 -- Oct 20, LNG Tank Explosions & Fire, East Ohio Gas Co., Cleveland, OH⁴⁰³-128-136
12. 1967 -- July 29, Rocket Explosion and Fire, USS *Forrestal*, Gulf of Tonkin ops.⁴⁰⁴ -- 134
13. 1917 -- Apr 10, Artillery Shell Munitions Plant Explosion, Eddystone, PA -- 133
14. 1918 -- Oct 04, Gillespie Co., Shell Loading Plant Explosion, Sayreville, NJ -- 100
15. 1864 -- May 26, Torpedo Mine Explos., Bachelor's Creek Station ~New Bern, NC --40-93
16. 1862 -- Sep 17, Allegheny Arsenal Explosion & Fire, Lawrenceville/Pittsburgh, PA --74-79
17. 1850 -- Feb 04, Boiler Explosion, Taylor & Co., Hague St., Manhattan, NY⁴⁰⁵ --60-75
18. 1963 -- Oct 31, Bottled Propane Gas Tank Explosion, Indianapolis Coliseum, IN --74-75
19. 1905 -- Mar 20, Boiler Explos./Fire, Grover & Co. Shoe Factory, Brockton, MA⁴⁰⁶ -- 58
20. 1895 -- Jan 15, Fire/Dynamite Explosions, Kenyon-Connell Warehouse, Butte, MT -- 57
21. 1913 -- Mar 07, Harbor/Ship (*Alum Chine*) Dynamite Explosion, Baltimore, MD⁴⁰⁷ -- 55
22. 1909 -- Jan 20, Magazine Explos., Water Tunnel Crib Fire, Lake Mich., ~ Chicago⁴⁰⁸ -- 53
23. 1940 -- Sep 12, Hercules Powder/Munitions Co. Explosion, Kenvil, NJ -- 52
24. 1942 -- June 5, Explosion, Elwood Ordnance Plant, Joliet, IL --48-52
25. 1863 -- Mar 13, Explosion, Confederate States Ordnance Lab., Brown's Isl., Richmond, VA--46-50
26. 1918 -- July 02, Semet-Solvay Co. TNT Plant Fire, Explosion, Fire, Split Rock, NY -- 50
27. 1862 -- Nov 05, Explosion, Munitions "Laboratory" Arsenal, Jackson, MS -- ~40-48
28. 1919 -- May 22, Dust Explosion/Fire, Douglas Starch Works, Cedar Rapids, IA --40-48
29. 1989 -- Apr 19, USS *Iowa* No. 2 Turret Explosion, near Puerto Rico -- 47
30. 1915 -- Sep 27, Rail Tank Car Gasoline Explosion, Ardmore, OK⁴⁰⁹ --40-44

³⁹⁸ Cross-listed in Maritime.

³⁹⁹ Largest of the Admiralty Islands, and fifth largest island in Papua New Guinea. Cross-listed in Maritime.

⁴⁰⁰ Cross-listed under Maritime.

⁴⁰¹ Cross-listed under Maritime.

⁴⁰² Cross-listed in Violence and in Fire-Structural (almost 40% of victims died from fire and smoke inhalation).

⁴⁰³ Cross-listed in Fire-Structural. At least 32 died in fires in nearby houses

⁴⁰⁴ Cross-listed under Maritime.

⁴⁰⁵ Cross-listed under Fire, Structural.

⁴⁰⁶ Cross-listed under Fire.

⁴⁰⁷ Cross-listed under Maritime.

⁴⁰⁸ Cross-listed in Mines, Tunnels, Quarries.

⁴⁰⁹ Cross-listed in Hazardous Materials and in Rail.

31. 1924 -- Jan 03, Starch Dust Explosion, Corn Products Refining Co., Pekin, IL -- 42
32. 1883 -- Sep 28, Explosion, California Powder Works, Pinole, CA -- 41
33. 1968 -- Apr 06, Gas & Gunpowder Explosion, Fire, Marting Arms, Richmond, IN⁴¹⁰ -- 41
34. 1818 -- Mar 19, Du Pont Gun Powder Mill Explosion, Brandywine, DE -- 40
35. 1829 -- Jun 4, Magazine Explos., Steam Frigate *Fulton*, Navy Yard, Brooklyn, NY⁴¹¹ --24-40
36. 1883 -- Jan 21, Explosions, Giant Powder-Works, Point Clement, ~Oakland, CA --30-40
37. 1895 -- Nov 06, *Evening Journal* Building Boiler Explosion/Fire, Detroit, MI --37-40
38. 1911 -- Mar 09, Gunpowder Explosion, Laffin Rand Powder Co., Pleasant Prairie, WI-- 40
39. 1928 -- Apr 13, Explosion/Bldg. Collapse/Fire, Bond Dance Hall, West Plains MO --37-40
40. 1943 -- Sep 17, Depth Charge Explosion, Naval Air Station, Norfolk, VA --26-40
41. 1973 -- Feb 10, Fire/Gas Explos./LNG Tank Concrete Roof Falls, Staten Island NY⁴¹²-- 40

EXPLOSIONS – Master Set – Deadliest American – By MORTALITY – (Cont.)

42. 1972 -- Feb 01, Lightning, Explosion, Tanker *V.A. Fogg*, off Galveston, TX⁴¹³ -- 39
43. 1912 -- Mar 18, Boiler Explos., Train Engine, So. Pacific Yard, San Antonio TX⁴¹⁴ -- 36
44. 1977 -- Dec 22, Dust Explosion, Grain Elevator, Westwego, La -- 36
45. 1911 -- Feb 01, Dynamite Explosion, Central Rail of NJ Terminal, Communipaw, NJ --24-35
46. 1953 -- Apr 16, Aluminum Dust Explos./Fire, Haber Corp. Metalworking, Chicago IL-- 35
47. 1904 -- Apr 13, Magazine Explosion, Battleship *Missouri*, off Pensacola, FL⁴¹⁵ --32-34
48. 1907 -- Jan 09, Explosion, Eliza Furnaces, Jones & Laughlin Steel, Pittsburgh, PA --12-34
49. 1907 -- Jan 19, Train Car Explosion (Powder), Big Four Railroad, Sandford, IN⁴¹⁶ --29-34
50. 1971 -- Feb 03, Thiokol Chemical Plant Explosion and Fire, Woodbine, GA -- 34
51. 1913 -- June 24, Dust Explosion, Husted Milling Feed Plant, Buffalo, NY -- 33
52. 1996 -- Nov 21, Propane Gas Explosion, Commercial Bldg., San Juan, Puerto Rico -- 33
53. 1915 -- Nov 30, Explos., Upper Hagley Yard, du Pont Powder Co., ~Wilmington, DE -- 31
54. 1950 -- May 19, Munitions Explosion, Raritan River Pier, South Amboy, NJ -- 31
55. 1845 -- July 19, Fire and Explos., New, Broad, Beaver, Broadway Sts., NYC, NY⁴¹⁷ -- 30
56. 1901 -- Nov 26, Boiler Explosion and Fire, Penberthy Injector Co., Detroit, MI --29-30
57. 1908 -- Feb 20, Nitroglycerin Explosion, Hercules Powder Works, Pinole, CA --28-30
58. 1902 -- May 12, Explosion, Freight Train Oil and Naphtha Cars, Sheraden, PA⁴¹⁸ --20-29
59. 1919 -- Nov 22, Stove Explos./Fire/Crushing, Dance Hall/Store, Ville Platte LA⁴¹⁹ --25-28
60. 1927 -- Nov 14, Natural Gas Tank Explosion, Equitable Gas Co., Pittsburgh, PA -- 28
61. 1867 -- Jun 06, Geasy & Ward's Cabinet Makers Boiler Explosion & Fire, Philly, PA --22-27
62. 1869 -- Oct 01, Boiler Explosion, Power Hall, State Fair, Indianapolis, IN --21~27
63. 1880 -- Apr 16, Explosion, Giant Powder Works, Berkeley, CA --22-27

⁴¹⁰ Cross-listed under Fire, Structural.

⁴¹¹ Cross-listed in Maritime.

⁴¹² Cross-listed in Fire and Structural/Construction. This was an LNG tank which was being cleaned and worked-on. A flash fire called a residual gas explosion which caused the tank concrete cap to fall on workers.

⁴¹³ Cross-listed under Lightning and Maritime.

⁴¹⁴ Cross-listed in Rail.

⁴¹⁵ Cross-listed in Maritime.

⁴¹⁶ Cross-listed in Rail.

⁴¹⁷ Cross-listed in Fire.

⁴¹⁸ Cross-listed in Rail.

⁴¹⁹ Cross-listed in Fires/Structural and in Violence/Trampling.

64. 1907 -- Oct 15, Powder Explosion, DuPont Powder Mill, Fontanet, IN -- 27
 65. 1841 -- Aug 20, Fire, Gunpowder Explosion, carpenter's shop, Syracuse, NY⁴²⁰ -- 26
 66. 1895 -- Aug 19, Boiler Explosion/Fire, Gumry Hotel, Denver, CO -- 25
 67. 1905 -- Sep 10, Rand Powder Mill Explosions (powder, dyn.)/Fire, Fairchance PA --19-25

EXPLOSIONS – **Master Set** -- **Deadliest American** -- **By MORTALITY** -- (Cont.)

68. 1904 -- Feb 19, Trains Collide, Dynamite Explodes, Jackson Station, NV⁴²¹ -- 24
 69. 1889 -- Feb 17, Park Central Hotel Boiler Explosion & Collapse, Hartford, CT --21-23
 70. 1905 -- May 11, Trains Collide, blasting powder explosion, fire, SE Harrisburg, PA⁴²² -- 23
 71. 1927 -- Apr 23, Chem. Explosions, Fire / Briggs Manufacturing Co., Detroit, MI -- 23
 72. 1962 -- Oct 03, Boiler Explosion, NY Telephone Co. Office, Manhattan, NY -- 23
 73. 1989 -- Oct 23, Ethylene Gas Leak Explosion, Phillips Petroleum Co Pasadena TX⁴²³ -- 23
 74. 1903 -- Jul 29, Powder/Dynamite Explos./Fire, U.S. Cartridge, Tewksbury, MA --20-22
 75. 1926 -- Jul 10, Lightning/fire/Explosions, USN Lake Denmark Arsenal, Dover, NJ⁴²⁴ --21-22
 76. 1955 -- Aug 10, Explosion (sewer gas?) & Fire, Gateway Restaurant, Andover, OH⁴²⁵ -- 22
 77. 1854 -- Mar 2 , Boiler Explos./Fire, Fales & Gray Railroad Car Works, Hartford, CT -- 21
 78. 1864 -- June 17, Explosion/fire, Washington Arsenal, Greenleaf Pt.,⁴²⁶ District of Col.-- 21
 79. 1882 -- Feb 17, Explosion, Jackson **Fireworks** Plant, Chester, PA --15-21
 80. 1904 -- Mar 02, Boiler Explodes, Hotel Darlington (under construct.), Manhattan, NY-- 21
 81. 1921 -- Sep 14, Explosion/Fire, Atlantic Refining Co., Point Breeze, Philadelphia, PA⁴²⁷ -- 16
 82. 1928 -- Nov 08, Explosion, Fire, Preble Box Toe Co. Plant and house, Lynn, MA⁴²⁸ --20-21
 83. 1949 -- Dec 14, Natural Gas Explos., Swift & Co. Packing House, Sioux City, IA -- 21
 84. 1956 -- Jan 17, Gasoline explosion/fire, SS *Salem Maritime*, terminal, Rose Bluff, LA⁴²⁹ -- 21
 85. 1965 -- Nov 24, Natural Gas explosion/fire, Nat. Guard Armory dance, Keokuk, IA⁴³⁰ -- 21
 86. 1985 -- June 25, **Fireworks** Plant Explosion, Hallett, OK -- 21
 87. 1866 -- April 16, Nitroglycerin explosion Wells Fargo building, San Francisco, CA --15-20
 88. 1867 -- Nov 8, Boiler Explosion, Reese & Co. Rolling-Mill, Pitt Township, PA --17-20
 89. 1879 -- Feb 22, Explosion, Thrashing Engine, Pump Exhibition, Stockton, CA -- 20
 90. 1887 -- Apr 23, Boiler Explosion, Passaic Rolling Mills, Paterson, NJ -- 20
 91. 1898 -- Feb 09, Fire & Explosions, Chautauqua Lake Ice Co. Bldg., Pittsburgh, PA⁴³¹ --14-20
 92. 1906 -- Sep 21, Explosion, Carload of Dynamite, ~Southern Rail Depot, Jellico TN -- 7-20
 93. 1924 -- March 1, Nixon Nitration Works Explosion and Fire, Nixon, NJ -- 20
 94. 1943 -- Dec 7, Navy planes collide, bomb falls, Marines on ground die, Maui, HI⁴³² -- 20

⁴²⁰ Cross-listed in Fire-Structural in that the fire came first, and when the powder blew, killed mostly firefighters.

⁴²¹ Cross-listed in Rail and in Hazardous Materials.

⁴²² Cross-listed in Rail and in Hazardous Materials.

⁴²³ Cross listed in Structural.

⁴²⁴ Cross-listed in Lightning -- lightning started the fire which led to explosions which caused loss of life.

⁴²⁵ Cross-listed in Fire-Structural.

⁴²⁶ Now part of Fort McNair between the Washington Channel to the west and the Anacostia River to the southeast.

⁴²⁷ Cross-listed in Fire-Structural.

⁴²⁸ Cross-listed in Fire-Structural.

⁴²⁹ Cross-listed in Hazardous Materials Transportation and in Maritime.

⁴³⁰ Cross-listed in Fire, Structural.

⁴³¹ Cross-listed in Fire, Structural. It is not clear whether the fire or the first explosion came first. Most fatalities were explosion-related – walls falling and building components failing.

⁴³² Cross-listed in Aviation

95. 1976 -- Jan 10, Pathfinder (residential) Hotel Natural Gas Explos./Fire, Fremont, NE⁴³³-- 20
 96. 1904 -- Sep 10, Powder Mill Explosion, Fairchance, PA -- 19
 97. 1930 -- May 08, Armour Meat Processing Plant Gas Explosion, St. Joseph, MO -- 19
 98. 1956 -- July 29, Fire/Explosion, McKee tank farm, Shamrock Oil & Gas, Dumas, TX⁴³⁴-- 19
 99. 1972 -- Dec 15, Gas Explosion, Koppers Steel/Coke Plant, Weirton, WV -- 19

EXPLOSIONS -- **Master Set** -- **Deadliest American** -- **By MORTALITY** -- (Cont.)

100. 1847 -- Apr 14, Explosion, Du Pont Powder Works, Brandywine Ri., Wilmington, DE-- 18
 101. 1878 -- May 02, Flour Dust Explosion/Fire, Washburne Flour Mills, Minneapolis MN-- 18
 102. 1888 -- Aug 22, Fire & Bleach Explosion, George Whiting Paper Mill, Neenah, WI⁴³⁵-- 18
 103. 1923 -- Dec 26, Fire, Illinois State Hospital for the Insane, Dunning, IL -- 18
 104. 1926 -- Nov 19, Oil tanker *Mantilla* explos., Bethlehem Steel drydock, Sparrows Point, MD⁴³⁶--18
 105. 1951 -- Sep 17, Shell Refinery cracking unit Explos./Fire, Roxana, Wood River, IL⁴³⁷-- 18
 106. 1977 -- Dec 27, Dust Explosion, Farmers Export Grain Elevator, Galveston, TX -- 18
 107. 1862 -- Mar 29, Samuel Jackson Cartridge Factory Explos., Tenth & Reed, Philly, PA--15-17
 108. 1901 -- June 21, **Fireworks** Explos./Fire, Confectionery, Main Street, Paterson, NJ -- 17
 109. 1902 -- Aug 20, Explosion, wood digesters, Delaware Pulp Mills, Wilmington, DE -- 17
 110. 1903 -- Mar 09, Train Wreck/Fire, delayed Oil/Gasoline Tanker Explos., Olean, NY⁴³⁸-- 17
 111. 1908 -- Oct 07, Dust Explosion and Fire, Grain Elevator, Richford, VT -- 17
 112. 1943 -- July 12, Nitramon test explosion mishap, Eglin Air Force Base, Pensacola, FL-- 17
 113. 1944 -- May 11, Explos. Ammo dump at sea, Hingham Depot boat, ~Boston Harbor, MA⁴³⁹-- 17
 114. 1947 -- Feb 20, Chemical Explosion, O'Connor Electroplating Works, Los Angeles -- 17
 115. 1948 -- Sep 07, Dust Explosion, E.J. Brach & Sons Candy Factory, Chicago, IL -- 17
 116. 1963 -- Jan 02, Home Meat Packing Co. Natural Gas Explosion, Terre Haute, IN -- 17
 117. 1965 -- Mar 04, Explosion/Fire, Natural Gas Pipeline, residential Natchitoches, LA -- 17
 118. 1971 -- Jun 24, Gas Explosion, Tunnel, California Water Project, Sylmar, CA -- 17
 119. 1984 -- July 24, Union Oil Co. Refinery Explosions and Fire, Romeoville, IL⁴⁴⁰ -- 17
 120. 1883 -- Aug 23, George-Whiting Paper Mill Fire & Explosion, Menasha, WI -- 16
 121. 1892 -- Jun 13, Mil. Munitions Explos., USS *Boston*, Mare Isl. Navy Yard, CA⁴⁴¹ --14-16
 122. 1944 -- Oct 21, USN LSMs 211/212 Explosion/Fire, Berth 223, LA Harbor, CA⁴⁴² -- 16
 123. 1978 -- Feb 24, Train Derailment, LPG Tank Car Explosion, Waverly, TN⁴⁴³ -- 16
 124. 1860 -- Sep 21, Building falls during fire and explosion, New Orleans, LA⁴⁴⁴ -- 15
 125. 1890 -- Sep 06, Dynamite Explosion, No. Pacific Freight Yard, Spokane Falls, WA -- 15
 126. 1895 -- May 21, Nitroglycerine Explosions, California Powder Works, Pinole, CA -- 15

⁴³³ Cross-listed in Fire-Structural.

⁴³⁴ Cross-listed in Fire-Structural in that a fire was precipitating event – all deaths were due to the explosion.

⁴³⁵ Cross-listed in Fire, Structural.

⁴³⁶ Cross-listed in Maritime.

⁴³⁷ Cross-listed in Fire, Structural.

⁴³⁸ Cross-listed in Rail.

⁴³⁹ Cross-listed in Maritime.

⁴⁴⁰ Cross-listed in Fire-Structural, because fires were started by the explosions.

⁴⁴¹ Cross-listed in Maritime.

⁴⁴² Cross listed in Maritime.

⁴⁴³ Cross listed in Hazardous Materials and in Rail.

⁴⁴⁴ Cross-listed in Fires-Structural.

127. 1901 -- Dec 19, Blast Furnace Gas Explos., Jones & Laughlin Co., Pittsburgh, PA --10-15
 128. 1902 -- Nov 04, Explosion of **Fireworks**, Madison Square, NY, NY -- 15
 129. 1902 -- Nov 29, Boiler Explosion, Swift & Co. Power Plant, Chicago, IL --13-15
 130. 1921 -- Jun 12, Lightning, Gasoline Storage Tank Explosion, Salt Lake City, UT⁴⁴⁵ -- 15
 131. 1924 -- Jan 28, Dynamite Explosion, Cumberland Hill, Manville, R.I. -- 15
 132. 1943 -- May 04, Explosion, Triumph Explosives Inc. Munitions Plant, Elkton, MD -- 15
 133. 1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV⁴⁴⁶-15
 134. 1948 -- Sep 07, Starch Dust Explosion, Candy Factory, Chicago, IL -- 15
 135. 1956 -- Aug 13, Explosion, Liquefied Petroleum Gas, Lariat Café, Monticello, UT -- 15
 136. 1960 -- Oct 04, Explosion, Tenn. Eastman Chemical, Aniline Plant, Kingsport, TN -- 15
 137. 2005 -- Mar 23, BP America Refinery Explosion, Texas City, TX -- 15
 138. 2013 -- Apr 17, Explosion, Adair Grain and West Fertilizer Co., West, TX -- 15

EXPLOSIONS – **Master Set** -- **Deadliest American** -- **By MORTALITY** -- (Cont.)

139. 1881 -- Jan 6, Big Puddle Boiler Explosion, Allentown Rolling Mill Co., PA --13-14
 140. 1912 -- Nov 25, Dextrin Dust Explosion, Corn Products Co., Waukegan, IL -- 14
 141. 1916 -- May 15, TNT Explosion, DuPont Co., Repauno Works., Gibbstown, NJ --11-14
 142. 1917 -- Feb 02, Gas Explosion/Fire, Tenement Buildings, Chicago, IL⁴⁴⁷ -- 14
 143. 1917 -- Dec 05, TNT Explosion, Aetna Chemical Plant, Heidelberg, ~Pittsburgh, PA--8-14
 144. 1919 -- Sep 13, Grain Dust Explosion, Grain Elevator, Kansas City, MO -- 14
 145. 1928 -- Feb 10, Explosion and Fire, Beacon Oil Co. Refining Plant, Everett, MA⁴⁴⁸ -- 14
 146. 1932 -- Mar 09, Explosion, NJ Public Service Co. Gas Plant, South Camden, NJ -- 14
 147. 1946 -- Feb 02, Explosion/Fire, Jennings Hall Home for Aged, Garfield Heights, OH-- 14
 148. 1951 -- Feb 08, LPG Explos., Minnesota Mining/Mfg. Abrasives Fac, St. Paul, MN -- 14
 149. 1959 -- Aug 07, Bldg. Fire leads to parked truck Dynamite Explosion, Roseburg, OR⁴⁴⁹-14
 150. 1973 -- Feb 03, Nat. Gas Explosion, Coast-to-Coast Store, Eagle Grove, IA -- 14
 151. 1891 -- May 19, Dynamite Explosion, Construction Train, near Tarrytown, NY⁴⁵⁰ -- 13
 152. 1891 -- Sep 24, **Fireworks** Mortar Explodes, Feast of St. Rocco Party, Newark, NJ -- ≥13
 153. 1898 -- Apr 26, California Powder Works Explosions, near Santa Cruz, CA --11-13
 154. 1901 -- Aug 19, Fire, Dynamite Explosion, M. & M. Roundhouse, ~Herkimer, NY -- 6-13
 155. 1902 -- Feb 5, Gas explosion/fire, Trostle Butcher Shop, Archer & 22nd, Chicago, IL-11-13
 156. 1910 -- May 17, Boiler Explosion, American Sheet and Tin Plate Co., Canton OH -- 13
 157. 1920 -- Oct 31, Explosion/Fire, Niagara Falls Power Co., N. Tonawanda, NY -- 13
 158. 1921 -- Jan 24, Gasoline Explosion, Parked Rail Tank Car, Memphis, TN -- 13
 159. 1940 -- Dec 17, Natural Gas Explos., Mercantile & Apartment Bldg., Cincinnati, OH-- 13
 160. 1941 -- Dec 12, Explosion, Melt Unit, Iowa Ordnance Plant, Burlington, IA -- 13
 161. 1954 -- Dec 24, Explos./fire, kerosene thrown in stove, tenant farmhouse ~Parkin, AR⁴⁵¹ 13
 162. 1973 -- Jul 5, PG Railcar Fire/Explosion, Propane, Doxel Gas Co., Kingman, AZ⁴⁵² -- 13

⁴⁴⁵ Cross listed in Lightning.

⁴⁴⁶ Cross-listed in Fire (gas can deliberately thrown into fire from kicked-over stove), and in Violence.

⁴⁴⁷ Cross listed in Fires-Structural.

⁴⁴⁸ Cross-listed in Fires-Structural. Most deaths were from the explosion and a few from the resulting fire.

⁴⁴⁹ Cross-listed in Hazardous Materials Transportation.

⁴⁵⁰ Cross-listed in Rail.

⁴⁵¹ Cross-listed in Fire-Structural. The deaths were caused by burning fuel thrown onto the victims.

⁴⁵² Cross-listed in Rail.

163. 1976 -- Aug 12, Ethyl Benzene Explos., Tenneco Oil Refinery Tower, Chalmette, LA-- 13

EXPLOSIONS – **Master Set** -- **Deadliest American** -- **By MORTALITY** -- (Cont.)

164. 1860 -- Sep 24, Boiler Explosion, W. W. Wallace Marble Works, Pittsburgh, PA --10-12
165. 1890 -- Mar 27, Starch Dust Explosion/Fire, Chicago Sugar Refinery, Chicago, IL -- 12
166. 1896 -- Sep 01, Powder Explosion, Hercules Powder Works, Pinole, CA -- 12
167. 1911 -- Feb 08, Boiler Explosion, MO, KS & TX Rail Roundhouse, Smithville, TX -- 12
168. 1917 -- Jun 13, Sugar Dust Explosion and Fire, Sugar Refining Plant, Brooklyn, NY-- 12
169. 1919 -- Jan 07, Explosion and Fire, Film Exchange, Penn Ave., Pittsburgh, PA⁴⁵³ --10-12
170. 1919 -- Aug 04, Magazine Explosion, U.S. Arsenal, Raritan, NJ -- 7-12
171. 1923 -- May 09, Explosion/Fire, J.K. Hughes Co, McKie Oil Well, Corsicana, TX -- 12
172. 1943 -- Aug 19, Explosion, Naphtha vapors, Congoleum-Nairn Inc. plant, Kearny, NJ-- 12
173. 1944 -- Mar 13, Anti-Personnel Surface Mine Explosion, Camp Robinson, Ark. -- 12
174. 1945 -- May 25, Firebomb igniter explosion, Edgewood Arsenal, Aberdeen, MD -- 12
175. 1947 -- Apr 02, Explosion and fire, Lawrence Brown **Fireworks** Plant, Clinton, MO⁴⁵⁴-- 12
176. 1947 -- June 22, Tankship *Markay* Petrol. Prod. Loading Vapor Explos., LA CA⁴⁵⁵ --10-12
177. 1953 -- Feb 12, Fire, Dynamite Explosion, Hercules Powder Co., near Pinole, CA -- 12
178. 1957 -- Dec 5, Natural gas explosion/fire, five downtown businesses, Villa Rica, GA⁴⁵⁶--12
179. 1959 -- June 02, Collision/Fire/Explos., Propane Gas Truck, ~Deer Lake, east PA⁴⁵⁷--11-12
180. 1965 -- Aug 25, Explosions (26)/Fire, Du Pont Chemical Corp., near Louisville, KY⁴⁵⁸ -- 12
181. 1985 -- Dec 16, Gas Explosion, Rocky Mt. Natural Gas Co., Glenwood Springs CO -- 12
182. 2000 -- Aug 19, El Paso Natural Gas Pipeline Rupture and Fire, Carlsbad, NM⁴⁵⁹ -- 12
183. 1889 -- Feb 25, Powder Explosion, Squib (Mining Fuse) Factory, Plymouth, PA -- 11
184. 1901 -- Aug 18, Blast Furnace Explosion, National Steel Co., Youngstown, OH -- 9-11
185. 1903 -- Apr 23, Northwestern Star Oil Plant Explosion, Minneapolis, MN --10-11
186. 1904 -- Mar 31, Explosion, Dickson Squib Factory, Priceburg, PA -- 11
187. 1906 -- Jun 09, Dynamite Explosion, Dynamite Plant, Bausman's Hollow, PA -- 11
188. 1910 -- July 10, Artillery Explosion, Fort Monroe, VA -- 11
189. 1916 -- July 2, Powder Explosion, Aetna Explosives Co., Emporium, PA -- 11
190. 1924 -- Aug 28, Explosion, Ammonia Refrigeration Tank, Grocery, Des Moines, IA⁴⁶⁰ -- 11
191. 1924 -- Aug 29, Gasoline Tank Explosion, People's Natural Gas, Pittsburgh, PA -- 11
192. 1935 -- Oct 07, Gas Explosion, Glidden Soybean Processing Plant, Chicago, IL -- 11
193. 1942 -- Nov 06, Gunpowder explosion, Rochester Fire Works Co., East Rochester, NY--11
194. 1943 -- Mar 24, Fragmentation bombs explos., Portage Ordnance Depot, Portage, OH-- 11
195. 1944 -- Dec 05, Torpedo magazine explodes, Naval Ammo. Depot, McAlester, OK -- 11
196. 1947 -- July 29, Butane Gas Explos./fire, Pauline's Beauty School, Harrisonburg, VA⁴⁶¹-11
197. 1953 -- Sep 23, Explosion, Organic Peroxides Plant, Tonawanda, NY -- 11

⁴⁵³ Cross-listed in Fire-Structural.

⁴⁵⁴ Cross-listed in Fire-Structural.

⁴⁵⁵ Cross-listed in Maritime.

⁴⁵⁶ Cross-listed in Fire-Structural – there were fatalities from the explosion and from the resulting fire.

⁴⁵⁷ Cross-listed in Road/Highway.

⁴⁵⁸ First explosion caused eleven deaths. Twelfth death was from burns several days later.

⁴⁵⁹ Cross-listed in Fire-Structural, and in Structural Failures.

⁴⁶⁰ Ten of the eleven died after the explosion from exposure to the ammonia fumes.

⁴⁶¹ Cross-listed in Fire, Structural, though most if not all deaths were caused by explosion and building destruction.

198. 1954 -- July 16, Explos./fire/explos., Kent Defense/Fireworks Mfg., Chestertown, MD-- 11
 199. 1954 -- Oct 28, Chem. Explosion, Charles W. Berg Laboratories, Philadelphia, PA -- 11
 200. 1966 -- Jan 28, Paramount Hotel Gas Explosion and Fire, Boston, MA⁴⁶² -- 11
 201. 1967 -- Feb 15, Explosion, Lone Star Army Ammunition Plant, ~Texarkana, TX -- 11
 202. 1967 -- Feb 17, Starch Dust Explosion, Fire, Int. Latex Corp., Hawthorne, NJ -- 11
 203. 1980 -- July 24, Chem. Explos./Fire, Vogue Metal Crafts/Metgal Mfg., Queens NY⁴⁶³-- 11
 204. 1989 -- Oct 3, F/V *Northumberland* ruptures NG pipeline/explosion/fire ~Sabine Pass, TX⁴⁶⁴-- 11
 205. 2010 -- Apr 20, Drill Rig *Deepwater Horizon* Explosion, Gulf of Mex., ~50m, LA⁴⁶⁵-- 11

EXPLOSIONS -- Master Set -- Deadliest American -- By MORTALITY -- (Cont.)

206. 1865 -- Jun 9, Ordnance Building Explosion/Fire, Train sparks, Chattanooga, TN⁴⁶⁶-- ~10
 207. 1866 -- Sep 12, Boiler Explosion, S&G Rork Sawing Mill, Albany, NY -- 10
 208. 1873 -- Jun 29, Powder Explos., McLaughlin & Root Building, Virginia City NV -- 10
 209. 1886 -- July 02, Powder Explosion, Atlantic Powder Works, near Drakesville, NJ -- 10
 210. 1887 -- Nov 1, Explosion/fire, Newman's Grocery Store/Tenement, St. Louis, MO -- 8-10
 211. 1894 -- Apr 07, **Fireworks** Factory Explosion, Petersburg, VA -- 10
 212. 1898 -- Feb 26, Fire/Explosions, walls fall, Hall Brothers Chem., Kalamazoo, MI⁴⁶⁷-- 10
 213. 1898 -- Sep 20, Grain Dust Explosion, Grain Elevator, Toledo, OH -- 10
 214. 1900 -- July 04, **Fireworks** Explosion (children), Eighth Street, Philadelphia, PA -- 7-10
 215. 1900 -- Oct 29, Fire and Explosions, Tarrant & Co. Drug Warehouse, NYC, NY⁴⁶⁸--₇->10
 216. 1901 -- Mar 11, Boiler Explos., Doremus Laundry, 458 W. Madison, Chicago, IL -- ~10
 217. 1903 -- Apr 30, Explosions, Crescent Powder Co., Ganister, near Hollidaysburg, PA-- 10
 218. 1908 -- Aug 10, Boiler Explosion, Susquehanna Iron & Steel Co., York, PA -- 10
 219. 1910 -- Dec 19, Train Crash/Gas Explosion, Grand Central Station yard, NY⁴⁶⁹ -- 10
 220. 1911 -- Feb 06, Explosion, Pluto Powder Co., near Winthrop & Ishpeming, MI -- 10
 221. 1914 -- May 15, Chemical Explosion, Mexican Crude Rubber Co., Detroit, MI -- 10
 222. 1916 -- Feb 16, Gas Explos., Opera House collapses on Hitt Restaurant, Mexia, TX -- 9-10
 223. 1916 -- May 15, Dynamite Blast, adjacent site, Crystal Rest. collapses, Akron, OH -- 9-10
 224. 1919 -- Nov 17, Oil Explosion, Oil Tank, Standard Oil Co., Hays, KS -- 10
 225. 1930 -- Apr 03, Explosions, Pennsylvania Fireworks Display Company, Devon, PA -- 10
 226. 1932 -- Apr 14, Natural Gas Explosion, State Office Building, Columbus, OH -- 10
 227. 1933 -- Jun 02, Oil Explosion, Richfield Meandor Oil Refinery, Long Beach, CA -- 10
 228. 1937 -- Feb 05, Flooding/Building Gas Leak/Explosion, Floyd Street, Louisville, KY-- 10
 229. 1940 -- July 30, Explosions/Conflagration, R. M. Hollingshead Plant, Camden, NJ -- 10
 230. 1944 -- June 11, Torpedo Warheads Explode, Naval Ammunition Depot, Oahu, HI -- 10
 231. 1944 -- Sep 15, Explosion, Naval Ammunition Depot, near Hastings, NE -- 9-10
 232. 1944 -- Nov 21, Car/Truck Collide, Butane Gas Tank Truck Explos., Denison, TX⁴⁷⁰-- 10

⁴⁶² Cross-listed in Fire, Structural

⁴⁶³ Cross-listed in Fire, Structural

⁴⁶⁴ Cross-listed in Explosions in that the pipeline the fishing vessel *Northumberland* hit was not where it should have been, under the sea-floor, and the natural gas explosion and resulting fire on the boat led to the loss of life.

⁴⁶⁵ Cross-listed in Maritime

⁴⁶⁶ Cross-listed in Fire, Structural

⁴⁶⁷ Cross-listed in Fire, Structural -- all deaths were result of building failure following explosions, preceded by fire.

⁴⁶⁸ Cross-listed in Fire in that a fire of undetermined source led to a series of explosions (which caused the fatalities).

⁴⁶⁹ Cross-listed in Rail.

233. 1946 -- June 21, Explosion (postulated as natural gas), Baker Hotel, Dallas, TX -- 10
 234. 1953 -- Jan 27, Butane gas line leak explosion & fire, Jones Electric Co., Aiken, SC⁴⁷¹-- 10
 235. 1956 -- Dec 03, Luckenbach Steamship Pier Fire, Detonators Explode, Brooklyn, NY⁴⁷²-10
 236. 1957 -- Jan 29, Vapor Explos., Tanker *Jeanny*, Todd's Shipyard, Alameda, CA⁴⁷³ -- 10
 237. 1958 -- May 22, US Army Douglas Nike-Ajax (8) Explosion, Near Middleton, NJ -- 10
 238. 1960 -- July 18, Explosion (gas) and Fire, J.C. Penney Co. Dept. Store, Merrill, WI -- 10
 239. 1962 -- May 10, Explosion, Chemical Reactor (Acrylic Polyamide), Toledo, OH -- 10
 240. 1962 -- July 25, Brakes fail, propane LPG tanker truck crash/explos./fire, Berlin, NY⁴⁷⁴--10

EXPLOSIONS -- Master Set -- Deadliest American -- By MORTALITY -- (Cont.)

Other:

- 1903 -- Mar 31, Blast Furnace Explos., Edgar Thomson Plant, Braddock, PA -- 9
 1916 -- June 13, Dust Explosion, Grain Elevator, Central Elevator Co., Baltimore, MD -- 9
 1919 -- Jan 26, Nitroglycerin explodes, wagon going through town of Big Heart, OK⁴⁷⁵ -- 8-9
 1945 -- May 26, Explosion, Pour Bldg., Cornhusker Ordnance Plant, Grand Island, NE -- 9
 1946 -- July 18, Butane Gas Explosion, Christy's Spa & 3 frame buildings, Onset, MA -- 9
 1954 -- Mar 19, Kerosene explodes, home woodstove, Spider Ridge, ~Parkersburg, WV⁴⁷⁶-- 9
 1968 -- Jan 10, Natural Gas Explosion Demolishes two adjoining Homes, Reading, PA -- 9
 1988 -- Dec 23, Propane tanker hits wall explodes; parts hit house, cars, Memphis TN⁴⁷⁷ -- 9
 1921 -- March 18, Explosion of **Fireworks**, West & Co Warehouse, Chicago, IL -- 8
 1940 -- Nov 28, Natural Gas explosion & fire, R. Gilbert Warehouse, Toppenish, WA -- 8
 1943 -- Nov 16, Mines Explode, Warehouse, Naval Mine Depot, Yorktown, VA -- 7-8
 1944 -- Apr 06, Explosion, Naval Ammunition Depot, near Hastings, NE -- 8
 2010 -- Sep 9, Explosion and Fire, Pacific Gas & Electric Pipeline, San Bruno, CA -- 8
 1927 -- Jan 26, Gas explosion, Mormon recreation hall, basketball game, Turner, ID -- 7
 1933 -- Mar 25, Gasoline Stove Explosion under whisky still, home fire, ~Fargo, OK⁴⁷⁸ -- 7
 1934 -- June 04, Dynamite Explodes, Petty Geophysics Engineering crew, near Norman, OK-- 7
 1942 -- Mar 07, Car and ammo truck collide, fire, delayed explosion, ~Selma, NC⁴⁷⁹ -- 7
 1946 -- Feb 19, Natural Gas Explosion & Fire, Apartment Building, New Orleans, LA -- 7
 1954 -- Apr 10, Explosion, kerosene put in home stove, fire, Columbia, AL⁴⁸⁰ -- 7
 1963 -- March 29, Natural Gas leak explosion, Supreme Cleaners, Tucson, AZ -- 7
 1982 -- Jan 19, Water heater explosion, Star Elementary School cafeteria, Spencer, OK -- 7
 1998 -- Dec 11, Explosion, Independence Professional **Fireworks** Co., Osseo, MI -- 7
 2003 -- Feb 20, Resin Dust Explosions/Fire, CTA Acoustics, Corbin, Laurel County, KY -- 7

⁴⁷⁰ Cross-listed in Hazardous Materials and in Road/Highway Vehicle Events.

⁴⁷¹ Most, if not all, the deaths were thought to have been the direct result of the explosion and not the resulting fire.

⁴⁷² Cross-listed in Fire-Structural in that fire was the precipitating event. All deaths were due to the explosion.

⁴⁷³ Cross-listed in Maritime.

⁴⁷⁴ Cross-listed in Road/Highway Vehicle Events.

⁴⁷⁵ Cross-listed in Hazardous Materials and in Road/Highway.

⁴⁷⁶ Cross-listed in Fire-Structural. Burning kerosene was thrown on some if not all victims; home burned to ground.

⁴⁷⁷ Cross-listed in Hazardous Materials and in Road/Highway/Vehicular Events.

⁴⁷⁸ When the stove exploded burning gasoline was thrown onto the sleeping victims in a one-room farm house.

⁴⁷⁹ The intersection of State Highways 70 and 301, where collision occurred is just between Selma and Smithfield.

Cross-listed in Highway events.

⁴⁸⁰ Cross-listed in Fire-structural.

2010 -- April 2, Explosion (heat exchanger), Tesoro Refinery, Anacortes, WA	--	7
2013 -- Mar 18, Mortar explosion, Marines, Hawthorne US Army munitions depot, NV	--	7
1897 -- March 4, Natural Gas Explosion, Tremont and Boylston Sts. Boston, MA	--	6
1949 -- April 10, Explosion, propane gas furnace leak, St. Mary's Church, Marion, SD	--	6
1954 -- Apr 03, Explosion/fire, kerosene poured in home stove, Glouster, OH ⁴⁸¹	--	6
1959 -- Aug 18, Service Station Fire/gasoline storage tank explosion, Kansas City, KS	--	6
1999 -- Feb 1, Boiler Explosion, Ford Motor's River Rouge complex, Dearborn, MI	--	6
2003 -- Jan 29, Dust Explosion, West Pharmaceutical Services Plant, Kinston, NC	--	6
1891 -- June 3, Boiler Explosion, Dusard Brothers' Saw Mill, near Fayetteville, IN	--	5
1892 -- May 21, Explosion and Fire, Aetna Pyrotechnic (Fireworks) Co., Hartford, CT	--	5
1999 -- March 29, Explosion, Independence Professional Fireworks Co., Osseo, MI	--	5
2001 -- Oct 3, Explosions and fire, Pyro Design and Development near Rochester, IN	--	5
2002 -- May 16, Fire and rubber dust explosion, Rouse Polymerics, Vicksburg, MS	--	5

⁴⁸¹ Cross-listed in Fire-structural.

EXPLOSIONS -- Master Set -- Deadliest American -- CHRONOLOGICAL

Commercial/Industrial/Gas (Excludes Aviation, Maritime Boiler & Mining)

1. 1818 -- Mar 19, Du Pont Gun Powder Mill Explosion, Brandywine, DE -- 40
2. 1829 -- Jun 4, Magazine Explos., Steam Frigate Fulton, Navy Yard, Brooklyn, NY⁴⁸² --24-40
3. 1841 -- Aug 20, Fire, Gunpowder Explosion, carpenter's shop, Syracuse, NY⁴⁸³ -- 26
4. 1845 -- July 19, Fire and Explos., New, Broad, Beaver, Broadway Sts., NYC, NY⁴⁸⁴ -- 30
5. 1847 -- Apr 14, Explosion, Du Pont Powder Works, Brandywine Ri., Wilmington, DE-- 18

6. 1850 -- Feb 04, Boiler Explosion, Taylor & Co., Hague St., Manhattan, NY⁴⁸⁵ --60-75
7. 1854 -- Mar 02 , Boiler Explosion/Fire, Fales & Gray RR Car Works, Hartford, CT -- 21

8. 1860 -- Sep 21, Building falls during fire and explosion, New Orleans, LA⁴⁸⁶ -- 15
9. 1860 -- Sep 24, Boiler Explosion, W. W. Wallace Marble Works, Pittsburgh, PA --10-12
10. 1862 -- Mar 29, Samuel Jackson Cartridge Factory Explos., Tenth & Reed, Philly, PA--15-17
11. 1862 -- Sep 17, Allegheny Arsenal Explosion & Fire, Lawrenceville/Pittsburgh, PA --74-79
12. 1862 -- Nov 05, Explosion, Munitions "Laboratory" Arsenal, Jackson, MS -- ~40-48
13. 1863 -- Mar 13, Explosion, Confederate States Ordnance Lab., Brown's Isl., Richmond, VA--46-50
14. 1864 -- May 26, Torpedo Mine Explos., Bachelor's Creek Station ~New Bern, NC --40-93
15. 1864 -- June 17, Explosion/fire, Washington Arsenal, Greenleaf Pt.,⁴⁸⁷ District of Col.-- 21
16. 1864 -- July 30, Federal Powder Explosion underneath Rebel Redoubt, Petersburg, VA-- 278
17. 1865 -- May 25, Mobile Magazine Explosion, Mobile, AL -- 300
18. 1865 -- Jun 9, Ordnance Building Explosion/Fire, Train sparks, Chattanooga, TN⁴⁸⁸ -- ~10
19. 1866 -- April 16, Nitroglycerin explosion Wells Fargo building, San Francisco, CA --15-20
20. 1866 -- Sep 12, Boiler Explosion, S&G Rork Sawing Mill, Albany, NY -- 10
21. 1867 -- June 6, Geasy & Ward's Cabinet Makers Boiler Explosion & Fire, Philly, PA --22-27
22. 1867 -- Nov 08, Boiler Explosion, Reese & Co. Rolling-Mill, Pitt Township, PA --17-20
23. 1869 -- Oct 01, Boiler Explosion, Power Hall, State Fair, Indianapolis, IN --21~27

24. 1873 -- Jun 29, Powder Explos., McLaughlin & Root Building, Virginia City NV -- 10
25. 1878 -- May 02, Flour Dust Explosion/Fire, Washburne Flour Mills, Minneapolis MN-- 18
26. 1879 -- Feb 22, Explosion, Thrashing Engine, Pump Exhibition, Stockton, CA -- 20

27. 1880 -- Apr 16, Explosion, Giant Powder Works, Berkeley, CA --22-27
28. 1881 -- Jan 6, Big Puddle Boiler Explosion, Allentown Rolling Mill Co., PA --13-14
29. 1882 -- Feb 17, Explosion, Jackson **Fireworks** Plant, Chester, PA --15-21
30. 1883 -- Jan 21, Explosions, Giant Powder-Works, Point Clement, ~Oakland, CA --30-40

⁴⁸² Cross-listed in Maritime.

⁴⁸³ Cross-listed in Fire-Structural in that the fire came first, and when the powder blew, killed mostly firefighters.

⁴⁸⁴ Cross-listed in Fire.

⁴⁸⁵ Cross-listed under Fire, Structural.

⁴⁸⁶ Cross-listed in Fires, Structural.

⁴⁸⁷ Now part of Fort McNair between the Washington Channel to the west and the Anacostia River to the southeast.

⁴⁸⁸ Cross-listed in Fire, Structural

- | | | |
|---|----|-------|
| 31. 1883 -- Aug 23, George-Whiting Paper Mill Fire & Explosion, Menasha, WI | -- | 16 |
| 32. 1883 -- Sep 28, Explosion, California Powder Works, Pinole, CA | -- | 41 |
| 33. 1886 -- July 02, Powder Explosion, Atlantic Powder Works, near Drakesville, NJ | -- | 10 |
| 34. 1887 -- Apr 23, Boiler Explosion, Passaic Rolling Mills, Paterson, NJ | -- | 20 |
| 35. 1887 -- Nov 1, Explosion/fire, Newman's Grocery Store/Tenement, St. Louis, MO | -- | 8-10 |
| 36. 1888 -- Aug 22, Fire & Bleach Explosion, George Whiting Paper Mill, Neenah, WI ⁴⁸⁹ | -- | 18 |
| 37. 1889 -- Feb 17, Park Central Hotel Boiler Explosion & Collapse, Hartford, CT | -- | 21-23 |
| 38. 1889 -- Feb 25, Powder Explosion, Squib (Mining Fuse) Factory, Plymouth, PA | -- | 11 |

EXPLOSIONS -- Master Set -- Deadliest American -- CHRONOLOGICAL -- Cont.

- | | | |
|--|----|---------|
| 39. 1890 -- Mar 27, Starch Dust Explosion/Fire, Chicago Sugar Refinery, Chicago, IL | -- | 12 |
| 40. 1890 -- Sep 06, Dynamite Explosion, No. Pacific Freight Yard, Spokane Falls, WA | -- | 15 |
| 41. 1891 -- May 19, Dynamite Explosion, Construction Train, near Tarrytown, NY ⁴⁹⁰ | -- | 13 |
| 1891 -- June 3, Boiler Explosion, Dusard Brothers' Saw Mill, near Fayetteville, IN | -- | 5 |
| 42. 1891 -- Sep 24, Fireworks Mortar Explodes, Feast of St. Rocco celebration, Newark, NJ | -- | ≥13 |
| 1892 -- May 21, Explosion and Fire, Aetna Pyrotechnic (Fireworks) Co., Hartford, CT | -- | 5 |
| 43. 1892 -- Jun 13, Mil. Munitions Explos., USS <i>Boston</i> , Mare Isl. Navy Yard, CA ⁴⁹¹ | -- | 14-16 |
| 44. 1894 -- Apr 07, Fireworks Factory Explosion, Petersburg, VA | -- | 10 |
| 45. 1895 -- Jan 15, Fire/Dynamite Explosions, Kenyon-CConnell Warehouse, Butte, MT | -- | 57 |
| 46. 1895 -- May 21, Nitroglycerine Explosions, California Powder Works, Pinole, CA | -- | 15 |
| 47. 1895 -- Aug 19, Boiler Explosion/Fire, Gumry Hotel, Denver, CO | -- | 25 |
| 48. 1895 -- Nov 06, <i>Evening Journal</i> Building Boiler Explosion/Fire, Detroit, MI | -- | 37-40 |
| 49. 1896 -- Sep 01, Powder Explosion, Hercules Powder Works, Pinole, CA | -- | 12 |
| 1897 -- March 4, Natural Gas Explosion, Tremont and Boylston Sts. Boston, MA | -- | 6 |
| 50. 1898 -- Feb 09, Fire & Explosions, Chautauqua Lake Ice Co. Bldg., Pittsburgh, PA ⁴⁹² | -- | 14-20 |
| 51. 1898 -- Feb 15, Battleship <i>USS Maine</i> Magazine Explos., Havana Hbr., Cuba ⁴⁹³ | -- | 263-268 |
| 52. 1898 -- Feb 26, Fire/Explosions, walls fall, Hall Brothers Chem., Kalamazoo, MI ⁴⁹⁴ | -- | 10 |
| 53. 1898 -- Apr 26, California Powder Works Explosions, near Santa Cruz, CA | -- | 11-13 |
| 54. 1898 -- Sep 20, Grain Dust Explosion, Grain Elevator, Toledo, OH | -- | 10 |
| 55. 1900 -- July 04, Fireworks Explosion (children), Eighth Street, Philadelphia, PA | -- | 7-10 |
| 56. 1900 -- Oct 29, Fire and Explosions, Tarrant & Co. Drug Warehouse, NYC, NY ⁴⁹⁵ | -- | ≥7->10 |
| 57. 1901 -- Mar 11, Boiler Explos., Doremus Laundry, 458 W. Madison, Chicago, IL | -- | ~10 |
| 58. 1901 -- June 21, Fireworks Explos./Fire, Confectionery, Main Street, Paterson, NJ | -- | 17 |
| 59. 1901 -- Aug 18, Blast Furnace Explosion, National Steel Co., Youngstown, OH | -- | 9-11 |
| 60. 1901 -- Aug 19, Fire, Dynamite Explosion, M. & M. Roundhouse, ~Herkimer, NY | -- | 6-13 |
| 61. 1901 -- Nov 26, Boiler Explosion and Fire, Penberthy Injector Co., Detroit, MI | -- | 29-30 |

⁴⁸⁹ Cross-listed in Fire, Structural.

⁴⁹⁰ Cross-listed in Rail.

⁴⁹¹ Cross-listed in Maritime.

⁴⁹² Cross-listed in Fire, Structural. It is not clear whether the fire or the first explosion came first. Most of the fatalities were explosion-related – walls falling and building components failing.

⁴⁹³ Cross-listed under Maritime.

⁴⁹⁴ Cross-listed in Fire, Structural -- all deaths were result of building failure following explosions, preceded by fire.

⁴⁹⁵ Cross-listed in Fire in that a fire of undetermined source led to a series of explosions (which caused the fatalities).

62. 1901 -- Dec 19, Blast Furnace Gas Explos., Jones & Laughlin Co., Pittsburgh, PA --10-15

EXPLOSIONS -- Master Set -- Deadliest American -- CHRONOLOGICAL -- Cont.

63. 1902 -- Feb 05, Gas explosion/fire, Trostle Butcher Shop, Archer & 22nd, Chicago, IL --11-13
64. 1902 -- May 12, Explosion, Freight Train Oil and Naphtha Cars, Sheraden, PA⁴⁹⁶ --20-29
65. 1902 -- Aug 20, Explosion, wood digester, Delaware Pulp Mills, Wilmington, DE -- 17
66. 1902 -- Nov 04, Explosion of Fireworks, Madison Square, NY, NY -- 15
67. 1902 -- Nov 29, Boiler Explosion, Swift & Co. Power Plant, Chicago, IL --13-15
68. 1903 -- Mar 09, Train Wreck/Fire, delayed Oil/Gasoline Tanker Explos., Olean, NY⁴⁹⁷ -- 17
1903 -- Mar 31, Blast Furnace Explos., Edgar Thomson Plant, Braddock, PA -- 9
69. 1903 -- Apr 23, Northwestern Star Oil Plant Explosion, Minneapolis, MN --10-11
70. 1903 -- Apr 30, Explosions, Crescent Powder Co., Ganister, near Hollidaysburg, PA -- 10
71. 1903 -- Jul 29, Powder/Dynamite Explos./Fire, U.S. Cartridge, Tewksbury, MA --20-22
72. 1904 -- Feb 19, Trains Collide, Dynamite Explodes, Jackson Station, NV⁴⁹⁸ -- 24
73. 1904 -- Mar 02, Boiler Explodes, Hotel Darlington (under construct.), Manhattan, NY-- 21
74. 1904 -- Mar 31, Explosion, Dickson Squib Factory, Priceburg, PA -- 11
75. 1904 -- Apr 13, Magazine Explosion, Battleship *Missouri*, off Pensacola, FL⁴⁹⁹ --32-34
76. 1904 -- Sep 10, Powder Mill Explosion, Fairchance, PA -- 19
77. 1905 -- Mar 20, Boiler Explos./Fire, Grover & Co. Shoe Factory, Brockton, MA⁵⁰⁰ -- 58
78. 1905 -- May 11, Trains Collide, Blasting Powder Explosion, Fire, S. Harrisburg PA⁵⁰¹-- 23
79. 1905 -- Sep 10, Rand Powder Mill Explosions (powder, dyn.)/Fire, Fairchance PA --19-25
80. 1906 -- Jun 09, Dynamite Explosion, Dynamite Plant, Bausman's Hollow, PA -- 11
81. 1906 -- Sep 21, Explosion, Carload of Dynamite, ~Southern Rail Depot, Jellico TN -- 7-20
82. 1907 -- Jan 09, Explosion, Eliza Furnaces, Jones & Laughlin Steel, Pittsburgh, PA --12-34
83. 1907 -- Jan 19, Train Car Explosion (Powder), Big Four Railroad, Sandford, IN⁵⁰² --29-34
84. 1907 -- Oct 15, Powder Explosion, DuPont Powder Mill, Fontanet, IN -- 27
85. 1908 -- Feb 20, Nitroglycerin Explosion, Hercules Powder Works, Pinole, CA --28-30
86. 1908 -- Aug 10, Boiler Explosion, Susquehanna Iron & Steel Co., York, PA -- 10
87. 1908 -- Oct 07, Dust Explosion and Fire, Grain Elevator, Richford, VT -- 17
88. 1909 -- Jan 20, Magazine Explos., Water Tunnel Crib Fire, Lake Mich., ~ Chicago, IL-- 53
89. 1910 -- May 17, Boiler Explosion, American Sheet and Tin Plate Co., Canton OH -- 13

⁴⁹⁶ Cross-listed in Rail.

⁴⁹⁷ Cross-listed in Rail.

⁴⁹⁸ Cross-listed in Rail and in Hazardous Materials.

⁴⁹⁹ Cross-listed in Maritime.

⁵⁰⁰ Cross-listed under Fire.

⁵⁰¹ Cross-listed in Rail and in Hazardous Materials.

⁵⁰² Cross-listed in Rail.

90. 1910 -- July 10, Artillery Explosion, Fort Monroe, VA -- 11
 91. 1910 -- Dec 19, Train Crash/Gas Explosion, Grand Central Station yard, NY⁵⁰³ -- 10

EXPLOSIONS -- Master Set -- Deadliest American -- CHRONOLOGICAL -- Cont.

92. 1911 -- Feb 01, Dynamite Explosion, Central Rail of NJ Terminal, Communipaw, NJ --24-35
 93. 1911 -- Feb 06, Explosion, Pluto Powder Co., near Winthrop & Ishpeming, MI -- 10
 94. 1911 -- Feb 08, Boiler Explosion, MO, KS & TX Rail Roundhouse, Smithville, TX -- 12
 95. 1911 -- Mar 09, Gunpowder Explosion, Laffin Rand Powder Co., Pleasant Prairie, WI-- 40

 96. 1912 -- Mar 18, Boiler Explos., Train Engine, So. Pacific Yard, San Antonio TX⁵⁰⁴ -- 36
 97. 1912 -- Nov 25, Dextrin Dust Explosion, Corn Products Co., Waukegan, IL -- 14

 98. 1913 -- Mar 07, Harbor/Ship (*Alum Chine*) Dynamite Explosion, Baltimore, MD⁵⁰⁵ -- 55
 99. 1913 -- June 24, Dust Explosion, Husted Milling Feed Plant, Buffalo, NY -- 33
 100. 1914 -- May 15, Chemical Explosion, Mexican Crude Rubber Co., Detroit, MI -- 10

 101. 1915 -- Sep 27, Rail Tank Car Gasoline Explosion, Ardmore, OK⁵⁰⁶ --40-44
 102. 1915 -- Nov 30, Explos., Upper Hagley Yard, du Pont Powder Co., ~Wilmington, DE-- 31

 103. 1916 -- Feb 16, Gas Explos., Opera House collapses on Hitt Restaurant, Mexia, TX -- 9-10
 104. 1916 -- May 15, Dynamite Blast, adjacent site, Crystal Rest. collapses, Akron, OH -- 9-10
 105. 1916 -- May 15, TNT Explosion, DuPont Co., Repauno Works., Gibbstown, NJ --11-14
 1916 -- June 13, Dust Explosion, Grain Elevator, Central Elevator Co., Baltimore, MD-- 9
 106. 1916 -- July 2, Powder Explosion, Aetna Explosives Co., Emporium, PA -- 11

 107. 1917 -- Feb 02, Gas Explosion/Fire, Tenement Buildings, Chicago, IL⁵⁰⁷ -- 14
 108. 1917 -- Apr 10, Artillery Shell Munitions Plant Explosion, Eddystone, PA -- 133
 109. 1917 -- Jun 13, Sugar Dust Explosion and Fire, Sugar Refining Plant, Brooklyn, NY-- 12
 110. 1917 -- Dec 05, TNT Explosion, Aetna Chemical Plant, Heidelberg, ~Pittsburgh, PA--8-14

 111. 1918 -- May 18, Aetna Chemical Co. Munitions Plant Explosion, Oakdale, PA -- 193
 112. 1918 -- July 02, Semet-Solvay Co. TNT Plant Fire, Explosion, Fire, Split Rock, NY-- 50
 113. 1918 -- Oct 04, Gillespie Co., Shell Loading Plant Explosion, Sayreville, NJ -- 100

 114. 1919 -- Jan 07, Explosion and Fire, Film Exchange, Penn Ave., Pittsburgh, PA⁵⁰⁸ --10-12
 1919 -- Jan 26, Nitroglycerin explodes, wagon going through town of Big Heart, OK⁵⁰⁹ -8-9
 115. 1919 -- May 22, Dust Explosion/Fire, Douglas Starch Works, Cedar Rapids, IA --40-48
 116. 1919 -- Aug 04, Magazine Explosion, U.S. Arsenal, Raritan, NJ -- 7-12
 117. 1919 -- Sep 13, Grain Dust Explosion, Grain Elevator, Kansas City, MO -- 14

⁵⁰³ Cross-listed in Rail.

⁵⁰⁴ Cross-listed in Rail.

⁵⁰⁵ Cross-listed under Maritime.

⁵⁰⁶ Cross-listed in Hazardous Materials and in Rail.

⁵⁰⁷ Cross listed in Fires, Structural.

⁵⁰⁸ Cross-listed in Fire.

⁵⁰⁹ Cross-listed in Hazardous Materials and in Road/Highway.

118. 1919 -- Nov 17, Oil Explosion, Oil Tank, Standard Oil Co., Hays, KS -- 10
 119. 1919 -- Nov 22, Stove Explos./Fire/Crushing, Dance Hall/Store, Ville Platte LA⁵¹⁰ --25-28

EXPLOSIONS -- Master Set -- Deadliest American -- CHRONOLOGICAL -- Cont.

120. 1920 -- Oct 31, Explosion/Fire, Niagara Falls Power Co., N. Tonawanda, NY -- 13
 121. 1921 -- Jan 24, Gasoline Explosion, Parked Rail Tank Car, Memphis, TN -- 13
 1921 -- March 18, Explosion of Fireworks, West & Co Warehouse, Chicago, IL -- 8
 122. 1921 -- Jun 12, Lightning, Gasoline Storage Tank Explosion, Salt Lake City, UT⁵¹¹ -- 15
 123. 1921 -- Sep 14, Explosion/Fire, Atlantic Refining Co., Point Breeze, Philadelphia, PA⁵¹² 16
 124. 1923 -- May 09, Explosion/Fire, J.K. Hughes Co, McKie Oil Well, Corsicana, TX -- 12
 125. 1923 -- Dec 26, Fire, Illinois State Hospital for the Insane, Dunning, IL -- 18
 126. 1924 -- Jan 03, Starch Dust Explosion, Corn Products Refining Co., Pekin, IL -- 42
 127. 1924 -- Jan 28, Dynamite Explosion, Cumberland Hill, Manville, RI -- 15
 128. 1924 -- Mar 01, Nixon Nitration Works Explosion and Fire, Nixon, NJ -- 20
 129. 1924 -- Aug 28, Explosion, Ammonia Refrigeration Tank, Grocery, Des Moines, IA⁵¹³ -- 11
 130. 1924 -- Aug 29, Gasoline Tank Explosion, People's Natural Gas, Pittsburgh, PA -- 11
 131. 1926 -- Jul 10, Lightning/fire/Explos., USN Lake Denmark Arsenal, Dover, NJ⁵¹⁴ --21-22
 132. 1926 -- Nov 19, Oil tanker *Mantilla* explos., Bethlehem Steel drydock, Sparrows Point, MD⁵¹⁵ -18
 1927 -- Jan 26, Gas explosion, Mormon recreation hall, basketball game, Turner, ID-- 7
 133. 1927 -- Apr 23, Chem. Explosions, Fire / Briggs Manufacturing Co., Detroit, MI -- 23
 134. 1927 -- Nov 14, Natural Gas Tank Explosion, Equitable Gas Co., Pittsburgh, PA -- 28
 135. 1928 -- Feb 10, Explosion and Fire, Beacon Oil Co. Refining Plant, Everett, MA⁵¹⁶ -- 14
 136. 1928 -- Apr 13, Explosion/Bldg. Collapse/Fire, Bond Dance Hall, West Plains, MO --37-40
 137. 1928 -- Nov 08, Explosion, Fire, Preble Box Toe Co. Plant and house, Lynn, MA⁵¹⁷ --20-21
138. 1930 -- Apr 03, Explosions, Pennsylvania Fireworks Display Company, Devon, PA -- 10
 139. 1930 -- May 08, Armour Meat Processing Plant Gas Explosion, St. Joseph, MO -- 19
 140. 1932 -- Mar 09, Explosion, NJ Public Service Co. Gas Plant, South Camden, NJ -- 14
 141. 1932 -- Apr 14, Natural Gas Explosion, State Office Building, Columbus, OH -- 10
 1933 -- Mar 25, Gasoline Stove Explosion under whisky still, home fire, ~Fargo, OK⁵¹⁸ -- 7
 142. 1933 -- Jun 02, Oil Explosion, Richfield Meandor Oil Refinery, Long Beach, CA -- 10
 1934 -- Jun 04, Dynamite Explodes, Petty Geophysics Engineering crew, ~Norman, OK--7
 143. 1935 -- Oct 07, Gas Explosion, Glidden Soybean Processing Plant, Chicago, IL -- 11
 144. 1937 -- Feb 05, Flooding/Building Gas Leak/Explosion, Floyd Street, Louisville, KY-- 10
 145. 1937 -- March 18, Natural Gas explosion, consolidated school, New London, TX--311-319
146. 1940 -- July 30, Explosions/Conflagration, R. M. Hollingshead Plant, Camden, NJ -- 10

⁵¹⁰ Cross-listed in Fires/Structural and in Violence/Trampling.

⁵¹¹ Cross listed in Lightning.

⁵¹² Cross-listed in Fire-Structural.

⁵¹³ Ten of the eleven died after the explosion from exposure to the ammonia fumes.

⁵¹⁴ Cross-listed in Lightning -- lightning started the fire which led to explosions which caused loss of life.

⁵¹⁵ Cross-listed in Maritime.

⁵¹⁶ Cross-listed in Fires-Structural. Most deaths were from the explosion and a few from the resulting fire.

⁵¹⁷ Cross-listed in Fire-Structural.

⁵¹⁸ When the stove exploded burning gasoline was thrown onto the sleeping victims in a one-room farm house.

147. 1940 -- Sep 12, Hercules Powder/Munitions Co. Explosion, Kenil, NJ -- 52
 1940 -- Nov 28, Natural Gas explosion & fire, R. Gilbert Warehouse, Toppenish, WA-- 8
 148. 1940 -- Dec 17, Natural Gas Explos., Mercantile & Apartment Bldg., Cincinnati, OH-- 13

EXPLOSIONS -- Master Set -- Deadliest American -- CHRONOLOGICAL -- Cont.

149. 1941 -- Dec 12, Explosion, Melt Unit, Iowa Ordnance Plant, Burlington, IA -- 13
150. 1942 -- Mar 04, Explosion, Iowa Ordnance Plant, Burlington, IA -- 22
 1942 -- Mar 07, Car and ammo truck collide, fire, delayed explosion, ~Selma, NC⁵¹⁹-- 7
151. 1942 -- June 5, Explosion, Elwood Ordnance Plant, Joliet, IL --48-52
152. 1942 -- Nov 06, Gunpowder explosion, Rochester Fire Works Co., East Rochester, NY--11
153. 1943 -- Mar 24, Fragmentation bombs explos., Portage Ordnance Depot, Portage, OH-- 11
154. 1943 -- May 04, Explosion, Triumph Explosives Inc. Munitions Plant, Elkton, MD -- 15
155. 1943 -- July 12, Nitramon test explosion mishap, Eglin Air Force Base, Pensacola, FL-- 17
156. 1943 -- Aug 19, Explosion, Naphtha vapors, Congoleum-Nairn Inc. plant, Kearny, NJ-- 12
157. 1943 -- Sep 17, Depth Charge Explosion, Naval Air Station, Norfolk, VA --26-40
 1943 -- Nov 16, Mines Explode, Warehouse, Naval Mine Depot, Yorktown, VA -- 7-8
158. 1943 -- Dec 7, Navy planes collide, bomb falls, Marines on ground die, Maui, HI⁵²⁰-- 20
159. 1944 -- Mar 13, Anti-Personnel Surface Mine Explosion, Camp Robinson, Ark. -- 12
 1944 -- Apr 06, Explosion, Naval Ammunition Depot, near Hastings, NE -- 8
160. 1944 -- May 11, Explos. Ammo dump at sea, Hingham Depot boat, ~Boston Harbor, MA⁵²¹-- 17
161. 1944 -- May 21, Munitions Explosion, West Loch, Pearl Harbor, HI -- 163
162. 1944 -- June 11, Torpedo Warheads Explode, Naval Ammunition Depot, Oahu, HI -- 10
163. 1944 -- July 17, Munitions Ships Explode while loading, Port Chicago, CA⁵²² --320-325
164. 1944 -- Sep 15, Explosion, Naval Ammunition Depot, near Hastings, NE -- 9-10
165. 1944 -- Oct 20, LNG tank explosions/fire, East Ohio Gas Co., Cleveland, OH⁵²³ --128-136
166. 1944 -- Oct 21, USN LSMs 211/212 Explosion/Fire, Berth 223, LA Harbor, CA⁵²⁴ -- 16
167. 1944 -- Nov 10, Explosion, USS *Mount Hood*, Seeadler Harbor, Manus Island⁵²⁵ --372-378
168. 1944 -- Nov 21, Car/Truck Collide, Butane Gas Tank Truck Exp., Denison, TX⁵²⁶ -- 10
169. 1944 -- Dec 05, Torpedo magazine explodes, Naval Ammo. Depot, McAlester, OK -- 11
170. 1945 -- May 25, Firebomb igniter explosion, Edgewood Arsenal, Aberdeen, MD -- 12
 1945 -- May 26, Explosion, Pour Bldg., Cornhusker Ordnance Plant, Grand Island, NE-- 9
171. 1946 -- Feb 02, Explosion/Fire, Jennings Hall Home for Aged, Garfield Heights, OH-- 14

⁵¹⁹ The intersection of State Highways 70 and 301, where collision occurred is just between Selma and Smithfield.

Cross-listed in Highway events.

⁵²⁰ Cross-listed in Aviation

⁵²¹ Cross-listed in Maritime.

⁵²² Cross-listed under Maritime.

⁵²³ Cross-listed in Fire-Structural. At least 32 died in fires in nearby houses

⁵²⁴ Cross listed in Maritime.

⁵²⁵ Largest of the Admiralty Islands, and fifth largest island in Papua New Guinea

⁵²⁶ Cross-listed in Hazardous Materials and in Highway/Vehicular.

- 1946 -- Feb 19, Natural Gas Explosion & Fire, Apartment Building, New Orleans, LA-- 7
 172. 1946 -- June 21, Explosion (postulated as natural gas), Baker Hotel, Dallas, TX -- 10
 1946 -- July 18, Butane Gas Explosion, Christy's Spa & 3 frame buildings, Onset, MA-- 9

EXPLOSIONS -- Master Set -- Deadliest American -- CHRONOLOGICAL -- Cont.

173. 1947 -- Feb 20, Chemical Explosion, O'Connor Electroplating Works, Los Angeles CA-17
 174. 1947 -- Apr 02, Explosion and fire, Lawrence Brown Fireworks Plant, Clinton, MO⁵²⁷-- 12
 175. 1947 -- Apr 16-17, Ammonium Nitrate Explosion, *Grandcamp*, Texas City, TX⁵²⁸-581-600
 176. 1947 -- Jun 22, Tankship *Markay* Petrol. Prod. Loading Vapor Explos., LA CA⁵²⁹ --10-12
 177. 1947 -- July 29, Butane Gas Explos./fire, Pauline's Beauty School, Harrisonburg, VA⁵³⁰-11
 178. 1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV⁵³¹-15
179. 1948 -- Sep 07, Dust Explosion, E.J. Brach & Sons Candy Factory, Chicago, IL -- 17
 180. 1948 -- Sep 07, Starch Dust Explosion, Candy Factory, Chicago, IL -- 15
- 1949 -- April 10, Explosion, propane gas furnace leak, St. Mary's Church, Marion, SD-- 6
 181. 1949 -- Dec 14, Natural Gas Explos., Swift & Co. Packing House, Sioux City, IA -- 21
182. 1950 -- May 19, Munitions Explosion, Raritan River Pier, South Amboy, NJ -- 31
 183. 1951 -- Feb 08, LPG Exp., Minnesota Mining/Mfg. Abrasives Fac, St. Paul, MN -- 14
 184. 1951 -- Sep 17, Shell Refinery cracking unit Explos./Fire, Roxana, Wood River, IL⁵³²-- 18
 185. 1953 -- Jan 27, Butane gas line leak explosion & fire, Jones Electric Co., Aiken, SC⁵³³-- 10
 186. 1953 -- Feb 12, Fire, Dynamite Explosion, Hercules Powder Co., near Pinole, CA -- 12
 187. 1953 -- Apr 16, Aluminum Dust Exp./Fire, Haber Corp. Metalworking, Chic., IL -- 35
 188. 1953 -- Sep 23, Explosion, Organic Peroxides Plant, Tonawanda, NY -- 11
 1954 --Mar 19, Kerosene explodes, home woodstove, Spider Ridge, ~Parkersburg, WV⁵³⁴9
 1954 -- Apr 03, Explosion/fire, kerosene poured in home stove, Glouster, OH⁵³⁵ -- 6
 1954 -- Apr 10, Explosion, kerosene put in home stove, fire, Columbia, AL⁵³⁶ -- 7
 189. 1954 -- July 16, Explos./fire/explos., Kent Defense/Fireworks Mfg., Chestertown, MD-- 11
 190. 1954 -- Oct 28, Chem. Explosion, Charles W. Berg Laboratories, Philadelphia, PA -- 11
 191. 1954 -- Dec 24, Explos./fire, kerosene thrown in stove, tenant farmhouse ~Parkin, AR⁵³⁷13
 192. 1955 -- Aug 10, Explosion (sewer gas?) & Fire, Gateway Restaurant, Andover, OH⁵³⁸-- 22
 193. 1956 -- Jan 17, Gasoline explosion/fire, SS *Salem Maritime*, terminal, Rose Bluff, LA⁵³⁹21
 194. 1956 -- July 29, Fire/Explosion, McKee tank farm, Shamrock Oil & Gas, Dumas, TX⁵⁴⁰-19

⁵²⁷ Cross-listed in Fire-Structural.

⁵²⁸ Cross-listed in Maritime.

⁵²⁹ Cross-listed in Maritime.

⁵³⁰ Cross-listed in Fire, Structural, though most if not all deaths were caused by explosion and building destruction.

⁵³¹ Cross-listed in Fire (gas can deliberately thrown into fire from kicked-over stove), and in Violence.

⁵³² Cross-listed in Fire, Structural.

⁵³³ Most, if not all, the deaths were thought to have been the direct result of the explosion and not the resulting fire.

⁵³⁴ Cross-listed in Fire-Structural. Burning kerosene was thrown on some if not all victims; home burned to ground.

⁵³⁵ Cross listed in Fire-structural.

⁵³⁶ Cross-listed in Fire-structural.

⁵³⁷ Cross-listed in Fire-Structural. The deaths were caused by burning fuel thrown onto the victims.

⁵³⁸ Cross-listed in Fire-Structural.

⁵³⁹ Cross-listed in Hazardous Materials Transportation and in Maritime.

195. 1956 -- Aug 13, Explosion, Liquefied Petroleum Gas, Lariat Café, Monticello, UT -- 15
 196. 1956 -- Dec 03, Luckenbach Steamship Pier Fire, Detonators Explode, Brooklyn, NY⁵⁴¹-10
 197. 1957 -- Jan 29, Vapor Explos., Tanker *Jeanny*, Todd's Shipyard, Alameda, CA⁵⁴² -- 10
 198. 1957 -- Dec 5, Natural gas explosion/fire, five downtown businesses, Villa Rica, GA⁵⁴³--12
 199. 1958 -- May 22, US Army Douglas Nike-Ajax (8) Explosion, Near Middleton, NJ -- 10
 200. 1959 -- June 02, Collision/Fire/Explos., Propane Gas Truck, ~Deer Lake, east PA⁵⁴⁴--11-12
 201. 1959 -- Aug 07, Bldg. Fire leads to parked truck Dynamite Explosion, Roseburg, OR⁵⁴⁵- 14
 1959 -- Aug 18, Service Station Fire/gasoline storage tank explosion, Kansas City, KS-- 6

EXPLOSIONS -- Master Set -- Deadliest American -- CHRONOLOGICAL -- Cont.

202. 1960 -- July 18, Explosion (gas) and Fire, J.C. Penney Co. Dept. Store, Merrill, WI -- 10
 203. 1960 -- Oct 04, Explosion, Tenn. Eastman Chemical, Aniline Plant, Kingsport, TN -- 15
 204. 1962 -- May 10, Explosion, Chemical Reactor (Acrylic Polyamide), Toledo, OH -- 10
 205. 1962 -- July 25, Brakes fail, propane LPG tanker truck crash/explos./fire, Berlin, NY⁵⁴⁶--10
 206. 1962 -- Oct 03, Boiler Explosion, NY Telephone Co. Office, Manhattan, NY -- 23
 207. 1963 -- Jan 02, Home Meat Packing Co. Natural Gas Explosion, Terre Haute, IN -- 17
 1963 -- March 29, Natural Gas leak explosion, Supreme Cleaners, Tucson, AZ -- 7
 208. 1963 -- Oct 31, Bottled Propane Gas Tank Explosion, Indianapolis Coliseum, IN --74-75
 209. 1965 -- Mar 04, Explosion/Fire, Natural Gas Pipeline, residential Natchitoches, LA -- 17
 210. 1965 -- Aug 25, Explosions (26)/Fire, Du Pont Chemical Corp., near Louisville, KY⁵⁴⁷ -- 12
 211. 1965 -- Nov 24, Natural Gas explosion/fire, Nat. Guard Armory dance, Keokuk, IA⁵⁴⁸-- 21
 212. 1966 -- Jan 28, Paramount Hotel Gas Explosion and Fire, Boston, MA⁵⁴⁹ -- 11
 213. 1967 -- Feb 15, Explosion, Lone Star Army Ammunition Plant, ~Texarkana, TX -- 11
 214. 1967 -- Feb 17, Starch Dust Explosion, Fire, Int. Latex Corp., Hawthorne, NJ -- 11
 215. 1967 -- July 29, Rocket Explosion and Fire, USS *Forrestal*, Gulf of Tonkin ops.⁵⁵⁰ -- 134
 1968 -- Jan 10, Natural Gas Explosion Demolishes two adjoining Homes, Reading, PA-- 9
 216. 1968 -- Apr 06, Gas & Gunpowder Exp., Fire, Marting Arms, Richmond, IN⁵⁵¹ -- 41
 217. 1971 -- Feb 03, Thiokol Chemical Plant Exp. and Fire, Woodbine, GA -- 34
 218. 1971 -- Jun 24, Gas Explosion, Tunnel, California Water Project, Sylmar, CA -- 17
 219. 1972 -- Feb 01, Lightning, Explosion, Tanker *V.A. Fogg*, off Galveston, TX⁵⁵² -- 39
 220. 1972 -- Dec 15, Gas Explosion, Koppers Steel/Coke Plant, Weirton, WV -- 19
 221. 1973 -- Feb 03, Nat. Gas Explosion, Coast-to-Coast Store, Eagle Grove, IA -- 14
 222. 1973 -- Feb 10, Fire/Gas Explos./LNG Tank Concrete Roof Falls, Staten Island NY⁵⁵³-- 40

⁵⁴⁰ Cross-listed in Fire-Structural in that a fire was precipitating event – all deaths were due to the explosion.

⁵⁴¹ Cross-listed in Fire-Structural in that fire was the precipitating event. All deaths were due to the explosion.

⁵⁴² Cross-listed in Maritime.

⁵⁴³ Cross-listed in Fire-Structural – there were fatalities from the explosion and from the resulting fire.

⁵⁴⁴ Cross-listed in Road/Highway.

⁵⁴⁵ Cross-listed in Hazardous Materials Transportation.

⁵⁴⁶ Cross-listed in Road/Highway Vehicle Events.

⁵⁴⁷ First explosion caused eleven deaths. Twelfth death was from burns several days later.

⁵⁴⁸ Cross-listed in Fire, Structural.

⁵⁴⁹ Cross-listed in Fire, Structural

⁵⁵⁰ Cross-listed under Maritime.

⁵⁵¹ Cross-listed under Fire, Structural.

⁵⁵² Cross-listed under Lightning and Maritime.

223. 1973 -- Jul 5, PG Railcar Fire/Explosion, Propane, Doxel Gas Co., Kingman, AZ⁵⁵⁴ -- 13
 224. 1976 -- Jan 10, Pathfinder (residential) Hotel Natural Gas Explos./Fire, Fremont, NE⁵⁵⁵--20
 225. 1976 -- Aug 12, Ethyl Benzene Explos., Tenneco Oil Refinery Tower, Chalmette, LA-- 13
 226. 1977 -- Dec 22, Dust Explosion, Grain Elevator, Westwego, La -- 36
 227. 1977 -- Dec 27, Dust Explosion, Farmers Export Grain Elevator, Galveston, TX -- 18
 228. 1978 -- Feb 24, Train Derailment, LPG Tank Car Explosion, Waverly, TN⁵⁵⁶ -- 16

EXPLOSIONS -- Master Set -- Deadliest American -- CHRONOLOGICAL -- Cont.

229. 1980 -- July 24, Chem. Explos./Fire, Vogue Metal Crafts/Metgal Mfg., Queens NY⁵⁵⁷ -- 11
 1982 -- Jan 19, Water heater explosion, Star Elementary School cafeteria, Spencer, OK-- 7
 230. 1984 -- July 24, Union Oil Co. Refinery Explosions and Fire, Romeoville, IL⁵⁵⁸ -- 17
 231. 1985 -- Jun 25, Fireworks Plant Explosion, Hallett, OK -- 21
 232. 1985 -- Dec 16, Gas Explosion, Rocky Mt. Natural Gas Co., Glenwood Springs CO -- 12
 1988 -- Dec 23, Propane tanker hits wall explodes; parts hit house, cars, Memphis TN⁵⁵⁹--9
 233. 1989 -- Apr 19, USS Iowa No. 2 Turret Explosion, near Puerto Rico -- 47
 234. 1989 -- Oct 3, F/V *Northumberland* ruptures NG pipeline/explosion/fire ~Sabine Pass, TX⁵⁶⁰-- 11
 235. 1989 -- Oct 23, Ethylene Gas Leak Exp., Phillips Petroleum Co Pasadena TX⁵⁶¹ -- 23
236. 1996 -- Nov 21, Propane Gas Explosion, Commercial Bldg., San Juan, Puerto Rico -- 33
 1998 -- Dec 11, Explosion, Independence Professional Fireworks Co., Osseo, MI -- 7
 1999 -- Feb 1, Boiler Explosion, Ford Motor's River Rouge complex, Dearborn, MI-- 6
 1999 -- March 29, Explosion, Independence Professional Fireworks Co., Osseo, MI -- 5
237. 2000 -- Aug 19, El Paso Natural Gas Pipeline Rupture and Fire, Carlsbad, NM⁵⁶² -- 12
 2001 -- Oct 3, Explosions and fire, Pyro Design and Development near Rochester, IN-- 5
 2002 -- May 16, Fire and rubber dust explosion, Rouse Polymerics, Vicksburg, MS -- 5
 2003 -- Jan 29, Dust Explosion, West Pharmaceutical Services Plant, Kinston, NC -- 6
 2003 -- Feb 20, Resin Dust Explosions/Fire, CTA Acoustics, Corbin, Laurel Co., KY-- 7
 238. 2005 -- Mar 23, BP America Refinery Explosion, Texas City, TX -- 15
239. 2010 -- Apr 20, Drill Rig *Deepwater Horizon* Exp., Gulf of Mexico, ~50m, LA⁵⁶³ -- 11
 2010 -- Sep 9, Explosion and Fire, Pacific Gas & Electric Pipeline, San Bruno, CA -- 8
 2013 -- Mar 18, Mortar explosion, Marines, Hawthorne US Army munitions depot, NV-- 7
 2010 -- April 2, Explosion (heat exchanger), Tesoro Refinery, Anacortes, WA -- 7

⁵⁵³ Cross-listed in Fire and Structural/Construction. This was an LNG tank which was being cleaned and worked-on. A flash fire called a residual gas explosion which caused the tank concrete cap to fall on workers.

⁵⁵⁴ Cross-listed in Rail.

⁵⁵⁵ Cross-listed in Fire-Structural.

⁵⁵⁶ Cross listed in Hazardous Materials and in Rail.

⁵⁵⁷ Cross-listed in Fire, Structural.

⁵⁵⁸ Cross-listed in Fire-Structural, because fires were started by the explosions.

⁵⁵⁹ Cross-listed in Hazardous Materials and in Road/Highway/Vehicular Events

⁵⁶⁰ Cross-listed in Explosions in that the pipeline the fishing vessel *Northumberland* hit was not where it should have been, under the sea-floor, and the natural gas explosion and resulting fire on the boat led to the loss of life.

⁵⁶¹ Cross listed in Structural.

⁵⁶² Cross-listed in Fire-Structural, and in Structural Failures.

⁵⁶³ Cross-listed in Maritime

240. 2013 -- Apr 17, Explosion, Adair Grain and West Fertilizer Co., West, TX

-- 15

Explosions Subset – Blasting Agents, Dynamite, Explosives, Fireworks, Gunpowder, Munitions (Excludes Mining)

1. 1947 -- Apr 16-17, Ammonium Nitrate Explosion, *Grandcamp*, Texas City, TX⁵⁶⁴ --581-600
2. 1944 -- Nov 10, Explosion, USS *Mount Hood*, Seeadler Harbor, Manus Island⁵⁶⁵ --372-378
3. 1944 -- July 17, Munitions Ships Explode while loading, Port Chicago, CA⁵⁶⁶ --320-325
4. 1865 -- May 25, Mobile Magazine Explosion, Mobile, AL -- 300
5. 1864 -- July 30, Federal Powder Explosion underneath Rebel Redoubt, Petersburg, VA-- 278
6. 1898 -- Feb 15, Battleship *USS Maine* Magazine Explos., Havana Hbr., Cuba⁵⁶⁷ --263-268
7. 1918 -- May 18, Aetna Chemical Co. Munitions Plant Explosion, Oakdale, PA -- 193
8. 1995 -- Apr 19, Terrorism, Alfred P. Murrah Federal Bldg. Bombing, Oklahoma City⁵⁶⁸ --168
9. 1944 -- May 21, Munitions Explosion, West Loch, Pearl Harbor, HI -- 163
10. 1967 -- July 29, Rocket Explosion and Fire, USS *Forrestal*, Gulf of Tonkin ops.⁵⁶⁹ -- 134

11. 1917 -- Apr 10, Artillery Shell Munitions Plant Explosion, Eddystone, PA -- 133
12. 1918 -- Oct 04, Gillespie Co., Shell Loading Plant Explosion, Sayreville, NJ -- 100
13. 1864 -- May 26, Torpedo Mine Explos., Bachelor's Creek Station ~New Bern, NC --40-93
14. 1862 -- Sep 17, Allegheny Arsenal Explosion & Fire, Lawrenceville/Pittsburgh, PA --74-79
15. 1895 -- Jan 15, Fire/Dynamite Explosions, Kenyon-Connell Warehouse, Butte, MT -- 57
16. 1913 -- Mar 07, Harbor/Ship (*Alum Chine*) Dynamite Explosion, Baltimore, MD⁵⁷⁰ -- 55
17. 1909 -- Jan 20, Magazine Explos., Water Tunnel Crib Fire, Lake Mich., ~ Chicago, IL-- 53
18. 1940 -- Sep 12, Hercules Powder/Munitions Co. Explosion, Kenvil, NJ -- 52
19. 1942 -- June 5, Explosion, Elwood Ordnance Plant, Joliet, IL --48-52
20. 1863 -- Mar 13, Explosion, Confederate States Ordnance Lab., Brown's Isl., Richmond, VA--46-50
21. 1918 -- July 02, Semet-Solvay Co. TNT Plant Explosion/Fire, Split Rock, NY -- 50
22. 1862 -- Nov 05, Explosion, Munitions "Laboratory" Arsenal, Jackson, MS -- ~40-48
23. 1989 -- Apr 19, *USS Iowa* No. 2 Turret Explosion, near Puerto Rico -- 47
24. 1883 -- Sep 28, Explosion, California Powder Works, Pinole, CA -- 41
25. 1968 -- Apr 06, Gas & Gunpowder Explosion, Fire, Marting Arms, Richmond, IN⁵⁷¹ -- 41
26. 1818 -- Mar 19, Du Pont Gun Powder Mill Explosion, Brandywine, DE -- 40
27. 1829 -- Jun 4, Magazine Explos., Steam Frigate *Fulton*, Navy Yard, Brooklyn, NY⁵⁷² --24-40
28. 1883 -- Jan 21, Explosions, Giant Powder-Works, Point Clement, ~Oakland, CA --30-40
29. 1911 -- Mar 09, Gunpowder Explosion, Laffin Rand Powder Co., Pleasant Prairie, WI-- 40
30. 1943 -- Sep 17, Depth Charge Explosion, Naval Air Station, Norfolk, VA --26-40
31. 1911 -- Feb 01, Dynamite Explosion, Central Rail of NJ Terminal, Communipaw, NJ --24-35
32. 1907 -- Jan 19, Train Car Explosion (Powder), Big Four Railroad, Sandford, IN⁵⁷³ --29-34
33. 1971 -- Feb 03, Thiokol Chemical Plant Explosion and Fire, Woodbine, GA -- 34

⁵⁶⁴ Cross-listed in Maritime.

⁵⁶⁵ Largest of the Admiralty Islands, and fifth largest island in Papua New Guinea

⁵⁶⁶ Cross-listed under Maritime.

⁵⁶⁷ Cross-listed under Maritime.

⁵⁶⁸ Cross-listed in Violence and in Fire-Structural (almost 40% of victims died from fire and smoke inhalation).

⁵⁶⁹ Cross-listed under Maritime.

⁵⁷⁰ Cross-listed under Maritime.

⁵⁷¹ Cross-listed under Fire, Structural.

⁵⁷² Cross-listed under Maritime

⁵⁷³ Cross-listed in Rail.

34. 1904 -- Apr 13, Magazine Explosion, Battleship *Missouri*, off Pensacola, FL --32-34
 35. 1915 -- Nov 30, Explos., Upper Hagley Yard, du Pont Powder Co., ~Wilmington, DE -- 31
 36. 1845 -- July 19, Fire and Explos., New, Broad, Beaver, Broadway Sts., NYC, NY⁵⁷⁴ -- 30
 37. 1908 -- Feb 20, Nitroglycerin Explosion, Hercules Powder Works, Pinole, CA --28-30

**Explosions Subset – Blasting Agents, Dynamite, Fireworks, Gunpowder, Munitions
 (Excludes Mining)**

38. 1907 -- Oct 15, DuPont Powder Mill Explosion, Fontanet, IN -- 27
 39. 1841 -- Aug 20, Fire, Gunpowder Explosion, carpenter's shop, Syracuse, NY⁵⁷⁵ -- 26
 40. 1905 -- Sep 10, Rand Powder Mill Explosions (powder, dyn.)/Fire, Fairchance PA --19-25
 41. 1905 -- May 11, Trains Collide, Blasting Powder Explosion, Fire, S. Harrisburg PA⁵⁷⁶-- 23
 42. 1903 -- Jul 29, Powder/Dynamite Explos./Fire, U.S. Cartridge, Tewksbury, MA --20-22
 43. 1926 -- Jul 10, Lightning/fire/Explosions, USN Lake Denmark Arsenal, Dover, NJ⁵⁷⁷ --21-22
 44. 1864 -- June 17, Explosion/fire, Washington Arsenal, Greenleaf Pt.,⁵⁷⁸ District of Col.-- 21
 45. 1882 -- Feb 17, Explosion, Jackson **Fireworks** Plant, Chester, PA --15-21
 46. 1866 -- April 16, Nitroglycerin explosion Wells Fargo building, San Francisco, CA --15-20
 47. 1906 -- Sep 21, Explosion, Carload of Dynamite, ~Southern Rail Depot, Jellico TN -- 7-20
 48. 1942 -- Mar 04, Explosion, Iowa Ordnance Plant, Burlington, IA -- 22
 49. 1943 -- Dec 7, Navy planes collide, bomb falls, Marines on ground die, Maui, HI⁵⁷⁹ -- 20
 50. 1847 -- Apr 14, Explosion, Du Pont Powder Works, Brandywine Ri., Wilmington, DE-- 18
 51. 1862 -- Mar 29, Samuel Jackson Cartridge Factory Explos., Tenth & Reed, Philly, PA--15-17
 52. 1901 -- June 21, **Fireworks** Explos./Fire, Confectionery, Main Street, Paterson, NJ -- 17
 53. 1943 -- July 12, Nitramon test explosion mishap, Eglin Air Force Base, Pensacola, FL-- 17
 54. 1944 -- May 11, Explos. Ammo dump at sea, Hingham Depot boat, ~Boston Harbor, MA⁵⁸⁰-- 17
 55. 1892 -- Jun 13, Mil. Munitions Explos., USS *Boston*, Mare Isl. Navy Yard, CA⁵⁸¹ --14-16
 56. 1890 -- Sep 06, Dynamite Explosion, No. Pacific Freight Yard, Spokane Falls, WA -- 15
 57. 1895 -- May 21, Nitroglycerine Explosions, California Powder Works, Pinole, CA -- 15
 58. 1902 -- Nov 04, Explosion of **Fireworks**, Madison Square, NY, NY -- 15
 59. 1943 -- May 04, Explosion, Triumph Explosives Inc. Munitions Plant, Elkton, MD -- 15
 60. 1916 -- May 15, TNT Explosion, DuPont Co., Repauno Works, Gibbstown, NJ --11-14
 61. 1917 -- Dec 05, TNT Explosion, Aetna Chemical Plant, Heidelberg, ~Pittsburgh, PA -- 8-14
 62. 1959 -- Aug 07, Bldg. Fire leads to parked truck Dynamite Explosion, Roseburg, OR -- 14
 63. 1891 -- May 19, Dynamite Explosion, Construction Train, near Tarrytown, NY⁵⁸² -- 13
 64. 1891 -- Sep 24, **Fireworks** Mortar Explodes, Feast of St. Rocco celebration, Newark, NJ- ≥13
 65. 1898 -- Apr 26, California Powder Works Explosions, near Santa Cruz, CA --11-13
 66. 1901 -- Aug 19, Fire, Dynamite Explosion, M. & M. Roundhouse, ~Herkimer, NY -- 6-13
 67. 1896 -- Sep 01, Powder Explosion, Hercules Powder Works, Pinole, CA -- 12

⁵⁷⁴ Cross-listed under Fire, Structural.

⁵⁷⁵ Cross-listed under Fire, Structural.

⁵⁷⁶ Cross-listed under Rail

⁵⁷⁷ Cross-listed in Lightning -- lightning started the fire which led to explosions which caused loss of life.

⁵⁷⁸ Now part of Fort McNair between the Washington Channel to the west and the Anacostia River to the southeast.

⁵⁷⁹ Cross-listed under Aviation.

⁵⁸⁰ Cross-listed in Maritime.

⁵⁸¹ Cross-listed in Maritime.

⁵⁸² Cross-listed in Rail.

68. 1919 -- Aug 04, Magazine Explosion, U.S. Arsenal, Raritan, NJ -- 7-12
 69. 1944 -- Mar 13, Anti-Personnel Surface Mine Explosion, Camp Robinson, Ark. -- 12
 70. 1945 -- May 25, Firebomb igniter explosion, Edgewood Arsenal, Aberdeen, MD -- 12
 71. 1947 -- Apr 02, Explosion and fire, Lawrence Brown **Fireworks** Plant, Clinton, MO⁵⁸³ -- 12
 72. 1953 -- Feb 12, Fire, Dynamite Explosion, Hercules Powder Co., near Pinole, CA -- 12

**Explosions Subset – Blasting Agents, Dynamite, Fireworks Gunpowder, Munitions –
 By Mortality (Excludes Mining) (continued)**

73. 1889 -- Feb 25, Powder Explosion, Squib (Mining Fuse) Factory, Plymouth, PA -- 11
 74. 1904 -- Mar 31, Explosion, Dickson Squib Factory, Priceburg, PA -- 11
 75. 1906 -- Jun 09, Dynamite Explosion, Dynamite Plant, Bausman's Hollow, PA -- 11
 76. 1910 -- July 10, Artillery Explosion, Fort Monroe, VA -- 11
 77. 1916 -- July 2, Powder Explosion, Aetna Explosives Co., Emporium, PA -- 11
 78. 1942 -- Nov 06, Gunpowder explosion, Rochester **Fireworks** Co., East Rochester, NY -- 11
 79. 1943 -- Mar 24, Fragmentation bombs explos., Portage Ordnance Depot, Portage, OH -- 11
 80. 1944 -- Dec 05, Torpedo magazine explodes, Naval Ammo. Depot, McAlester, OK -- 11
 81. 1954 -- July 16, Explos./fire/explos., Kent Defense/**Fireworks** Mfg., Chestertown, MD -- 11
 82. 1967 -- Feb 15, Explosion, Lone Star Army Ammunition Plant, ~Texarkana, TX -- 11
83. 1865 -- June 09, Ordnance Building Explosion/Fire, Train sparks, Chattanooga, TN⁵⁸⁴ -- ~10
 84. 1886 -- July 02, Powder Explosion, Atlantic Powder Works, near Drakesville, NJ -- 10
 85. 1894 -- Apr 07, **Fireworks** Factory Explosion, Petersburg, VA -- 10
 86. 1900 -- July 04, **Fireworks** Explosion (children), Eighth Street, Philadelphia, PA -- 7-10
 87. 1903 -- Apr 30, Explosions, Crescent Powder Co., Ganister, near Hollidaysburg, PA -- 10
 88. 1911 -- Feb 06, Explosion, Pluto Powder Co., near Winthrop & Ishpeming, MI -- 10
 89. 1916 -- May 15, Dynamite Blast, adjacent site, Crystal Rest. collapses, Akron, OH -- 9-10
 90. 1930 -- Apr 03, Explosions, Pennsylvania **Fireworks** Display Company, Devon, PA -- 10
 91. 1944 -- June 11, Torpedo Warheads Explode, Naval Ammunition Depot, Oahu, HI -- 10
 92. 1944 -- Sep 15, Explosion, Naval Ammunition Depot, near Hastings, NE -- 9-10
 93. 1956 -- Dec 03, Luckenbach Steamship Pier Fire, Detonators Explode, Brooklyn, NY⁵⁸⁵ -- 10
 94. 1958 -- May 22, US Army Douglas Nike-Ajax (8) Explosion, Near Middleton, NJ -- 10

Other:

- 1919 -- Jan 26, Nitroglycerin explodes, wagon going through town of Big Heart, OK⁵⁸⁶ -- 8-9
 1945 -- May 26, Explosion, Pour Bldg., Cornhusker Ordnance Plant, Grand Island, NE -- 9
 1943 -- Nov 16, Mines Explode, Warehouse, Naval Mine Depot, Yorktown, VA -- 7-8
 1944 -- Apr 06, Explosion, Naval Ammunition Depot, near Hastings, NE -- 8
 1934 -- June 04, Dynamite Explodes, Petty Geophysics Engineering crew, near Norman, OK -- 7
 1942 -- Mar 07, Car and ammo truck collide, fire, delayed explosion, ~Selma, NC⁵⁸⁷ -- 7

⁵⁸³ Cross-listed in Fire-Structural.

⁵⁸⁴ Cross-listed in Fire, Structural

⁵⁸⁵ Cross-listed in Fire-Structural in that fire was the precipitating event. All deaths were due to the explosion.

⁵⁸⁶ Cross-listed in Hazardous Materials and in Road/Highway.

⁵⁸⁷ The intersection of State Highways 70 and 301, where collision occurred is just between Selma and Smithfield. Cross-listed in Highway events.

1998 -- Dec 11, Explosion, Independence Professional Fireworks Co., Osseo, MI	--	7
1892 -- May 21, Explosion and Fire, Aetna Pyrotechnic (Fireworks) Co., Hartford, CT	--	5
1999 -- March 29, Explosion, Independence Professional Fireworks Co., Osseo, MI	--	5

Explosions Subset – Blasting Agents, Dynamite, Explosives, Fireworks, Gunpowder, Munitions (Excludes Mining) -- Chronological

1. 1818 -- Mar 19, Du Pont Gun Powder Mill Explosion, Brandywine, DE -- 40
2. 1829 -- Jun 4, Magazine Explos., Steam Frigate *Fulton*, Navy Yard, Brooklyn, NY⁵⁸⁸ --24-40
3. 1841 -- Aug 20, Fire, Gunpowder Explosion, carpenter's shop, Syracuse, NY⁵⁸⁹ -- 26
4. 1845 -- July 19, Fire and Explos., New, Broad, Beaver, Broadway Sts., NYC, NY⁵⁹⁰ -- 30
5. 1847 -- Apr 14, Explosion, Du Pont Powder Works, Brandywine Ri., Wilmington, DE-- 18

6. 1862 -- Mar 29, Samuel Jackson Cartridge Factory Explos., Tenth & Reed, Philly, PA--15-17
7. 1862 -- Sep 17, Allegheny Arsenal Explosion & Fire, Lawrenceville/Pittsburgh, PA --74-79
8. 1862 -- Nov 05, Explosion, Munitions "Laboratory" Arsenal, Jackson, MS -- ~40-48
9. 1863 -- Mar 13, Explosion, Confederate States Ordnance Lab., Brown's Isl., Richmond, VA--46-50
10. 1864 -- May 26, Torpedo Mine Explos., Bachelor's Creek Station ~New Bern, NC --40-93
11. 1864 -- June 17, Explosion/fire, Washington Arsenal, Greenleaf Pt.,⁵⁹¹ District of Col.-- 21
12. 1864 -- July 30, Federal Powder Explosion underneath Rebel Redoubt, Petersburg, VA-- 278
13. 1865 -- May 25, Mobile Magazine Explosion, Mobile, AL -- 300
14. 1865 -- June 09, Ordnance Building Explosion/Fire, Train sparks, Chattanooga, TN⁵⁹²-- ~10
15. 1866 -- April 16, Nitroglycerin explosion Wells Fargo building, San Francisco, CA --15-20

16. 1882 -- Feb 17, Explosion, Jackson **Fireworks** Plant, Chester, PA --15-21
17. 1883 -- Jan 21, Explosions, Giant Powder-Works, Point Clement, ~Oakland, CA --30-40
18. 1883 -- Sep 28, Explosion, California Powder Works, Pinole, CA -- 41
19. 1886 -- July 02, Powder Explosion, Atlantic Powder Works, near Drakesville, NJ -- 10
20. 1889 -- Feb 25, Powder Explosion, Squib (Mining Fuse) Factory, Plymouth, PA -- 11

21. 1890 -- Sep 06, Dynamite Explosion, No. Pacific Freight Yard, Spokane Falls, WA -- 15
22. 1891 -- May 19, Dynamite Explosion, Construction Train, near Tarrytown, NY⁵⁹³ -- 13
23. 1891 -- Sep 24, **Fireworks** Mortar Explodes, Feast of St. Rocco celebration, Newark, NJ- ≥13
24. 1892 -- May 21, Explosion and Fire, Aetna Pyrotechnic (**Fireworks**) Co., Hartford, CT-- 5
25. 1892 -- June 13, Mil. Munitions Explos., USS *Boston*, Mare Isl. Navy Yard, CA⁵⁹⁴ --14-16
26. 1894 -- Apr 07, **Fireworks** Factory Explosion, Petersburg, VA -- 10
27. 1895 -- Jan 15, Fire/Dynamite Explosions, Kenyon-Connell Warehouse, Butte, MT -- 57
28. 1895 -- May 21, Nitroglycerine Explosions, California Powder Works, Pinole, CA -- 15
29. 1896 -- Sep 01, Powder Explosion, Hercules Powder Works, Pinole, CA -- 12
30. 1898 -- Feb 15, Battleship *USS Maine* Magazine Explosion, Havana Hbr., Cuba⁵⁹⁵ --263-268
31. 1898 -- Apr 26, California Powder Works Explosions, near Santa Cruz, CA --11-13

⁵⁸⁸ Cross-listed under Maritime

⁵⁸⁹ Cross-listed under Fire, Structural.

⁵⁹⁰ Cross-listed under Fire, Structural.

⁵⁹¹ Now part of Fort McNair between the Washington Channel to the west and the Anacostia River to the southeast.

⁵⁹² Cross-listed in Fire, Structural

⁵⁹³ Cross-listed in Rail.

⁵⁹⁴ Cross-listed in Maritime.

⁵⁹⁵ Cross-listed under Maritime.

32. 1900 -- July 04, **Fireworks** Explosion (children), Eighth Street, Philadelphia, PA -- 7-10
33. 1901 -- June 21, **Fireworks** Explos./Fire, Confectionery, Main Street, Paterson, NJ -- 17
34. 1901 -- Aug 19, Fire, Dynamite Explosion, M. & M. Roundhouse, ~Herkimer, NY -- 6-13
35. 1902 -- Nov 04, Explosion of **Fireworks**, Madison Square, NY, NY -- 15
36. 1903 -- Apr 30, Explosions, Crescent Powder Co., Ganister, near Hollidaysburg, PA -- 10
37. 1903 -- July 29, Powder/Dynamite Explos./Fire, U.S. Cartridge, Tewksbury, MA --20-22
38. 1904 -- Mar 31, Explosion, Dickson Squib Factory, Priceburg, PA -- 11
39. 1904 -- Apr 13, Magazine Explosion, Battleship *Missouri*, off Pensacola, FL --32-34
40. 1905 -- May 11, Trains Collide, Blasting Powder Explosion, Fire, S. Harrisburg PA⁵⁹⁶-- 23
41. 1905 -- Sep 10, Rand Powder Mill Explosions (powder, dyn.)/Fire, Fairchance PA --19-25
42. 1906 -- June 09, Dynamite Explosion, Dynamite Plant, Bausman's Hollow, PA -- 11
43. 1906 -- Sep 21, Explosion, Carload of Dynamite, ~Southern Rail Depot, Jellico TN -- 7-20
44. 1907 -- Jan 19, Train Car Explosion (Powder), Big Four Railroad, Sandford, IN⁵⁹⁷ --29-34
45. 1907 -- Oct 15, DuPont Powder Mill Explosion, Fontanet, IN -- 27
46. 1908 -- Feb 20, Nitroglycerin Explosion, Hercules Powder Works, Pinole, CA --28-30
47. 1909 -- Jan 20, Magazine Explos., Water Tunnel Crib Fire, Lake Mich., ~ Chicago, IL-- 53

Explosions Subset – Blasting Agents, Dynamite, Fireworks, Gunpowder, Munitions
(Excludes Mining)
Chronological

48. 1910 -- July 10, Artillery Explosion, Fort Monroe, VA -- 11
49. 1911 -- Feb 01, Dynamite Explosion, Central Rail of NJ Terminal, Communipaw, NJ --24-35
50. 1911 -- Feb 06, Explosion, Pluto Powder Co., near Winthrop & Ishpeming, MI -- 10
51. 1911 -- Mar 09, Gunpowder Explosion, Laffin Rand Powder Co., Pleasant Prairie, WI-- 40
52. 1913 -- Mar 07, Harbor/Ship (*Alum Chine*) Dynamite Explosion, Baltimore, MD⁵⁹⁸ -- 55
53. 1915 -- Nov 30, Explos., Upper Hagley Yard, du Pont Powder Co., ~Wilmington, DE -- 31
54. 1916 -- May 15, TNT Explosion, DuPont Co., Repauno Works, Gibbstown, NJ --11-14
55. 1916 -- May 15, Dynamite Blast, adjacent site, Crystal Rest. collapses, Akron, OH -- 9-10
56. 1916 -- July 02, Powder Explosion, Aetna Explosives Co., Emporium, PA -- 11
57. 1917 -- Apr 10, Artillery Shell Munitions Plant Explosion, Eddystone, PA -- 133
58. 1917 -- Dec 05, TNT Explosion, Aetna Chemical Plant, Heidelberg, ~Pittsburgh, PA -- 8-14
59. 1918 -- May 18, Aetna Chemical Co. Munitions Plant Explosion, Oakdale, PA -- 193
60. 1918 -- July 02, Semet-Solvay Co. TNT Plant Explosion/Fire, Split Rock, NY -- 50
61. 1918 -- Oct 04, Gillespie Co., Shell Loading Plant Explosion, Sayreville, NJ -- 100
62. 1919 -- Jan 26, Nitroglycerin explodes, wagon going through town of Big Heart, OK⁵⁹⁹-- 8-9
63. 1919 -- Aug 04, Magazine Explosion, U.S. Arsenal, Raritan, NJ -- 7-12

64. 1926 -- July 10, Lightning/fire/Explosions, USN Lake Denmark Arsenal, Dover, NJ⁶⁰⁰-21-22

⁵⁹⁶ Cross-listed under Rail

⁵⁹⁷ Cross-listed in Rail.

⁵⁹⁸ Cross-listed under Maritime.

⁵⁹⁹ Cross-listed in Hazardous Materials and in Road/Highway.

⁶⁰⁰ Cross-listed in Lightning -- lightning started the fire which led to explosions which caused loss of life.

65. 1930 -- Apr 03, Explosions, Pennsylvania **Fireworks** Display Company, Devon, PA -- 10
 66. 1934 -- Jun 4, Dynamite Explodes, Petty Geophysics Engineering crew, near Norman, OK- 7

Explosions Subset – Blasting Agents, Dynamite, Fireworks, Gunpowder, Munitions
Chronological
 (Excludes Mining) (continued)

67. 1940 -- Sep 12, Hercules Powder/Munitions Co. Explosion, Kenvil, NJ -- 52
 68. 1942 -- Mar 04, Explosion, Iowa Ordnance Plant, Burlington, IA -- 22
 69. 1942 -- Mar 07, Car and ammo truck collide, fire, delayed explosion, ~Selma, NC⁶⁰¹-- 7
 70. 1942 -- June 05, Explosion, Elwood Ordnance Plant, Joliet, IL --48-52
 71. 1942 -- Nov 06, Gunpowder explosion, Rochester Fire Works Co., East Rochester, NY-- 11
 72. 1943 -- Mar 24, Fragmentation bombs explos., Portage Ordnance Depot, Portage, OH -- 11
 73. 1943 -- May 04, Explosion, Triumph Explosives Inc. Munitions Plant, Elkton, MD -- 15
 74. 1943 -- July 12, Nitramon test explosion mishap, Eglin Air Force Base, Pensacola, FL-- 17
 75. 1943 -- Sep 17, Depth Charge Explosion, Naval Air Station, Norfolk, VA --26-40
 76. 1943 -- Nov 16, Mines Explode, Warehouse, Naval Mine Depot, Yorktown, VA -- 7-8
 77. 1943 -- Dec 07, Navy planes collide, bomb falls, Marines on ground die, Maui, HI⁶⁰² -- 20
 78. 1944 -- Mar 13, Anti-Personnel Surface Mine Explosion, Camp Robinson, Ark. -- 12
 79. 1944 -- Apr 06, Explosion, Naval Ammunition Depot, near Hastings, NE -- 8
 80. 1944 -- May 11, Explos. Ammo dump at sea, Hingham Depot boat, ~Boston Harbor, MA⁶⁰³-- 17
 81. 1944 -- May 21, Munitions Explosion, West Loch, Pearl Harbor, HI -- 163
 82. 1944 -- June 11, Torpedo Warheads Explode, Naval Ammunition Depot, Oahu, HI -- 10
 83. 1944 -- July 17, Munitions Ships Explode while loading, Port Chicago, CA⁶⁰⁴ --320-325
 84. 1944 -- Sep 15, Explosion, Naval Ammunition Depot, near Hastings, NE -- 9-10
 85. 1944 -- Nov 10, Explosion, USS *Mount Hood*, Seeadler Harbor, Manus Island⁶⁰⁵ --372-378
 86. 1944 -- Dec 05, Torpedo magazine explodes, Naval Ammo. Depot, McAlester, OK -- 11
 87. 1945 -- May 25, Firebomb igniter explosion, Edgewood Arsenal, Aberdeen, MD -- 12
 88. 1945 -- May 26, Explosion, Pour Bldg., Cornhusker Ordnance Plant, Grand Island, NE-- 9
 89. 1947 -- Apr 02, Explosion and fire, Lawrence Brown **Fireworks** Plant, Clinton, MO⁶⁰⁶-- 12
 90. 1947 -- Apr 16-17, Ammonium Nitrate Explosion, *Grandcamp*, Texas City, TX⁶⁰⁷ --581-600
91. 1953 -- Feb 12, Fire, Dynamite Explosion, Hercules Powder Co., near Pinole, CA -- 12
 92. 1954 -- July 16, Explos./fire/explos., Kent Defense/**Fireworks** Mfg., Chestertown, MD-- 11
 93. 1956 -- Dec 03, Luckenbach Steamship Pier Fire, Detonators Explode, Brooklyn, NY⁶⁰⁸-- 10
 94. 1958 -- May 22, US Army Douglas Nike-Ajax (8) Explosion, Near Middleton, NJ -- 10

⁶⁰¹ The intersection of State Highways 70 and 301, where collision occurred is just between Selma and Smithfield. Cross-listed in Highway events.

⁶⁰² Cross-listed under Aviation.

⁶⁰³ Cross-listed in Maritime.

⁶⁰⁴ Cross-listed under Maritime.

⁶⁰⁵ Largest of the Admiralty Islands, and fifth largest island in Papua New Guinea

⁶⁰⁶ Cross-listed in Fire-Structural.

⁶⁰⁷ Cross-listed in Maritime and in Explosions subset "Chemicals." While ammonium nitrate is a chemical composition, and thus listed there so as not to be viewed as an oversight, this particular ammonium nitrate was produced at U.S. Ammunition Plants as bomb fill to be shipped to lead lease program partners.

⁶⁰⁸ Cross-listed in Fire-Structural in that fire was the precipitating event. All deaths were due to the explosion.

Explosions Subset – Blasting Agents, Dynamite, Fireworks, Gunpowder, Munitions
Chronological (continued)

(Excludes Aviation, Maritime Boiler explosions and Mining)

95.	1967 -- Feb 15, Explosion, Lone Star Army Ammunition Plant, ~Texarkana, TX	--	11
96.	1967 -- July 29, Rocket Explosion and Fire, USS <i>Forrestal</i> , Gulf of Tonkin ops. ⁶⁰⁹	--	134
97.	1968 -- Apr 06, Gas & Gunpowder Explosion, Fire, Marting Arms, Richmond, IN ⁶¹⁰	--	41
98.	1971 -- Feb 03, Thiokol Chemical Plant Explosion and Fire, Woodbine, GA	--	34
99.	1989 -- Apr 19, <i>USS Iowa</i> No. 2 Turret Explosion, near Puerto Rico	--	47
100.	1995 -- Apr 19, Terrorism, Alfred P. Murrah Federal Bldg. Bombing, Oklahoma City ⁶¹¹	--	168
101.	1998 -- Dec 11, Explosion, Independence Professional Fireworks Co., Osseo, MI	--	7
102.	1999 -- March 29, Explosion, Independence Professional Fireworks Co., Osseo, MI	--	5

⁶⁰⁹ Cross-listed under Maritime.

⁶¹⁰ Cross-listed under Fire, Structural.

⁶¹¹ Cross-listed in Violence and in Fire-Structural (almost 40% of victims died from fire and smoke inhalation).

EXPLOSIONS Subset – CHEMICALS – By Mortality

1. 1947 -- Apr 16-17, Ammonium Nitrate Explosion, *Grandcamp*, Texas City, TX⁶¹² --581-600
2. 1927 -- Apr 23, Chemical Explosions, Fire / Briggs Manufacturing Co., Detroit, MI -- 23
3. 1888 -- Aug 22, Fire & Bleach Explosion, George Whiting Paper Mill, Neenah, WI⁶¹³ -- 18
4. 1947 -- Feb 20, Chemical Explosion, O'Connor Electroplating Works, Los Angeles, CA-- 17
5. 1860 -- Sep 21, Building falls during fire and explosion (alcohol), New Orleans, LA⁶¹⁴ -- 15
6. 2013 -- Apr 17, Explosion, Adair Grain and West Fertilizer Co., West, TX -- 15
7. 1965 -- Aug 25, Explosions (26)/Fire, Du Pont Chemical Corp., near Louisville, KY⁶¹⁵-- 12
8. 1953 -- Sep 23, Explosion, Organic Peroxides Plant, Tonawanda, NY -- 11
9. 1954 -- Oct 28, Chemical Explosion, Charles W. Berg Laboratories, Philadelphia, PA -- 11
10. 1980 -- July 24, Chemical Explos./Fire, Vogue Metal Crafts/Metgal Mfg., Queens NY⁶¹⁶-- 11

11. 1898 -- Feb 26, Fire/Explosions, walls fall, Hall Brothers Chem., Kalamazoo, MI⁶¹⁷ -- 10
12. 1900 -- Oct 29, Fire and Explosions, Tarrant & Co. Drug Warehouse, NYC, NY⁶¹⁸ -->7->10
13. 1914 -- May 15, Chemical Explosion, Mexican Crude Rubber Co., Detroit, MI -- 10
14. 1940 -- July 30, Explosions/Conflagration, R. M. Hollingshead Plant, Camden, NJ -- 10
15. 1962 -- May 10, Explosion, Chemical Reactor (Acrylic Polyamide), Toledo, OH -- 10

- Other:**
16. 1892 -- May 21, Explosion and Fire, Aetna Pyrotechnic (**Fireworks**) Co., Hartford, CT-- 5

⁶¹² Cross-listed in Maritime and in Explosions subset “Blasting Agents...” While ammonium nitrate is a chemical composition, and thus listed here so as not to be viewed as an oversight, this particular ammonium nitrate was produced at U.S. Ammunition Plants as bomb fill to be shipped to lead lease program partners.

⁶¹³ Cross-listed in Fire, Structural.

⁶¹⁴ Cross-listed in Fires, Structural.

⁶¹⁵ First explosion caused eleven deaths. Twelfth death was from burns several days later.

⁶¹⁶ Cross-listed in Fire, Structural

⁶¹⁷ Cross-listed in Fire, Structural -- all deaths were result of building failure following explosions, preceded by fire.

⁶¹⁸ Cross-listed in Fire in that a fire of undetermined source led to a series of explosions (which caused the fatalities).

EXPLOSIONS Subset – CHEMICALS – Chronological

1. 1860 -- Sep 21, Building falls during fire and explosion (alcohol), New Orleans, LA⁶¹⁹-- 15
2. 1888 -- Aug 22, Fire & Bleach Explosion, George Whiting Paper Mill, Neenah, WI⁶²⁰-- 18
3. 1892 -- May 21, Explosion and Fire, Aetna Pyrotechnic (Fireworks) Co., Hartford, CT-- 5
4. 1898 -- Feb 26, Fire/Explosions, walls fall, Hall Brothers Chem., Kalamazoo, MI⁶²¹ -- 10

5. 1900 -- Oct 29, Fire and Explosions, Tarrant & Co. Drug Warehouse, NYC, NY⁶²² -->7->10

6. 1914 -- May 15, Chemical Explosion, Mexican Crude Rubber Co., Detroit, MI -- 10

7. 1927 -- Apr 23, Chemical Explosions, Fire / Briggs Manufacturing Co., Detroit, MI -- 23

8. 1940 -- July 30, Explosions/Conflagration, R. M. Hollingshead Plant, Camden, NJ -- 10
9. 1947 -- Feb 20, Chemical Explosion, O'Connor Electroplating Works, Los Angeles, CA-- 17
10. 1947 -- Apr 16-17, Ammonium Nitrate Explosion, *Grandcamp*, Texas City, TX⁶²³ --581-600

11. 1953 -- Sep 23, Explosion, Organic Peroxides Plant, Tonawanda, NY -- 11
12. 1954 -- Oct 28, Chemical Explosion, Charles W. Berg Laboratories, Philadelphia, PA -- 11
13. 1956 -- Dec 03, Waterfront Pier Fire and Explosion, Brooklyn, NY⁶²⁴ -- 10

14. 1962 -- May 10, Explosion, Chemical Reactor (Acrylic Polyamide), Toledo, OH -- 10
15. 1965 -- Aug 25, Explosions (26)/Fire, Du Pont Chemical Corp., near Louisville, KY⁶²⁵-- 12

16. 1980 -- July 24, Chemical Explos./Fire, Vogue Metal Crafts/Metgal Mfg., Queens NY⁶²⁶-- 11

17. 2013 -- Apr 17, Explosion, Adair Grain and West Fertilizer Co., West, TX -- 15

⁶¹⁹ Cross-listed in Fires, Structural.

⁶²⁰ Cross-listed in Fire, Structural.

⁶²¹ Cross-listed in Fire, Structural -- all deaths were result of building failure following explosions, preceded by fire.

⁶²² Cross-listed in Fire in that a fire of undetermined source led to a series of explosions (which caused the fatalities).

⁶²³ Cross-listed in Maritime and in Explosions subset "Blasting Agents..." While ammonium nitrate is a chemical composition, and thus listed here so as not to be viewed as an oversight, this particular ammonium nitrate was produced at U.S. Ammunition Plants as bomb fill to be shipped to lead lease program partners.

⁶²⁴ Cross-listed in Fire, Structural.

⁶²⁵ First explosion caused eleven deaths. Twelfth death was from burns several days later.

⁶²⁶ Cross-listed in Fire, Structural

EXPLOSIONS Subset -- DUST (Excluding Mining) -- By Mortality

1.	1919 -- May 22, Dust Explosion/Fire, Douglas Starch Works, Cedar Rapids, IA	--40-48
2.	1924 -- Jan 03, Starch Dust Explosion, Corn Products Refining Co., Pekin, IL	-- 42
3.	1977 -- Dec 22, Dust Explosion, Grain Elevator, Westwego, La	-- 36
4.	1953 -- Apr 16, Aluminum Dust Explos./Fire, Haber Corp. Metalworking, Chicago IL--	35
5.	1913 -- Jun 24, Dust Explosion, Husted Milling Feed Plant, Buffalo, NY	-- 33
6.	1878 -- May 02, Flour Dust Explosion/Fire, Washburne Flour Mills, Minneapolis MN--	18
7.	1948 -- Sep 07, Starch Dust Explosion, Candy Factory, Chicago, IL	-- 15
8.	1912 -- Nov 25, Dextrin Dust Explosion, Corn Products Co., Waukegan, IL	-- 14
9.	1919 -- Sep 13, Grain Dust Explosion, Grain Elevator, Kansas City, MO	-- 14
10.	1890 -- Mar 27, Starch Dust Explosion/Fire, Chicago Sugar Refinery, Chicago, IL	-- 12
11.	1917 -- Jun 13, Sugar Dust Explosion and Fire, Sugar Refining Plant, Brooklyn, NY	-- 12
12.	1967 -- Feb 17, Starch Dust Explosion, Fire, Int. Latex Corp., Hawthorne, NJ	-- 11
13.	1898 -- Sep 20, Grain Dust Explosion, Grain Elevator, Toledo, OH	-- 10

Other:

	1916 -- June 13, Dust Explosion, Grain Elevator, Central Elevator Co., Baltimore, MD	-- 9
	2003 -- Feb 20, Resin Dust Explosions/Fire, CTA Acoustics, Corbin, Laurel County, KY	-- 7
	2003 -- Jan 29, Dust Explosion, West Pharmaceutical Services Plant, Kinston, NC	-- 6
	2001 -- Oct 3, Explosions and fire, Pyro Design and Development near Rochester, IN ⁶²⁷	-- 5
	2002 -- May 16, Fire leading to rubber dust explosion, Rouse Polymeric, Vicksburg, MS	-- 5

⁶²⁷ News articles of the time noted cause undetermined. However, the U.S. Chemical Safety and Hazard Investigation Board, included this explosion in Appendix A “Combustible Dust Fire and Explosion Incident Data,” p. 85, in its Nov 2006 report: *Investigation Report: Combustible Dust Hazard Study* (Report No. 2006-H-1).

EXPLOSIONS Subset -- DUST (Excluding Mining) -- Chronological

1. 1878 -- May 2, Flour Dust Explosion/Fire, Washburne Flour Mills, Minneapolis MN -- 18
2. 1890 -- March 27, Starch Dust Explosion/Fire, Chicago Sugar Refinery, Chicago, IL -- 12
3. 1898 -- Sep 20, Grain Dust Explosion, Grain Elevator, Toledo, OH -- 10
4. 1912 -- Nov 25, Dextrin Dust Explosion, Corn Products Co., Waukegan, IL -- 14
5. 1913 -- June 24, Dust Explosion, Husted Milling Feed Plant, Buffalo, NY -- 33
- 1916 -- June 13, Dust Explosion, Grain Elevator, Central Elevator Co., Baltimore, MD-- 9
6. 1917 -- June 13, Sugar Dust Explosion and Fire, Sugar Refining Plant, Brooklyn, NY -- 12
7. 1919 -- May 22, Dust Explosion/Fire, Douglas Starch Works, Cedar Rapids, IA --40-48
8. 1919 -- Sep 13, Grain Dust Explosion, Grain Elevator, Kansas City, MO -- 14
9. 1924 -- Jan 3, Starch Dust Explosion, Corn Products Refining Co., Pekin, IL -- 42
10. 1948 -- Sep 7, Starch Dust Explosion, Candy Factory, Chicago, IL -- 15
11. 1953 -- April 16, Aluminum Dust Explos./Fire, Haber Corp. Metalworking, Chicago IL-- 35
12. 1967 -- Feb 17, Starch Dust Explosion, Fire, Int. Latex Corp., Hawthorne, NJ -- 11
13. 1977 -- Dec 22, Dust Explosion, Grain Elevator, Westwego, La -- 36
- 2001 -- Oct 3, Explosions and fire, Pyro Design and Development near Rochester, IN⁶²⁸-- 5
- 2002 -- May 16, Fire leading to rubber dust explosion, Rouse Polymerics, Vicksburg, MS-- 5
- 2003 -- Jan 29, Dust Explosion, West Pharmaceutical Services Plant, Kinston, NC -- 6
- 2003 -- Feb 20, Resin Dust Explosions/Fire, CTA Acoustics, Corbin, Laurel County, KY-- 7

⁶²⁸ News articles of the time noted cause undetermined. However, the U.S. Chemical Safety and Hazard Investigation Board, included this explosion in Appendix A “Combustible Dust Fire and Explosion Incident Data,” p. 85, in its Nov 2006 report: *Investigation Report: Combustible Dust Hazard Study* (Report No. 2006-H-1).

EXPLOSIONS Subset – FUMES, FUEL VAPOR, NG/PG, LNG, LPG – By Mortality
(Excludes Maritime Boiler & Mining)

1. 1937 -- March 18, Natural Gas explosion, consolidated school, New London, TX --311-319
2. 1944 -- Oct 20, LNG Tank Explosions & Fire, East Ohio Gas Co., Cleveland, OH⁶²⁹-128-136
3. 1963 -- Oct 31, Bottled Propane Gas Tank Explosion, Indianapolis Coliseum, IN --74-75
4. 1973 -- Feb 10, Fire/Gas Explos./LNG Tank Concrete Roof Falls, Staten Island NY⁶³⁰-- 40
5. 1972 -- Feb 01, Lightning, Gas Fumes Explos., Tanker *V.A. Fogg*, off Galveston, TX⁶³¹-- 39
6. 1996 -- Nov 21, Propane Gas Explosion, Commercial Bldg., San Juan, Puerto Rico -- 33
7. 1927 -- Nov 14, Natural Gas Tank Explosion, Equitable Gas Co., Pittsburgh, PA -- 28
8. 1989 -- Oct 23, Phillips Petroleum Co. Gas Leak Explosion, Pasadena, TX⁶³² -- 23
9. 1928 -- Nov 08, Explosion, Fire, Preble Box Toe Co. Plant and house, Lynn, MA⁶³³ --20-21
10. 1949 -- Dec 14, Natural Gas Explos., Swift & Co. Packing House, Sioux City, IA -- 21
11. 1965 -- Nov 24, Natural Gas explosion/fire, Nat. Guard Armory dance, Keokuk, IA⁶³⁴-- 21

12. 1976 -- Jan 10, Pathfinder (residential) Hotel Natural Gas Explos./Fire, Fremont, NE⁶³⁵-- 20
13. 1972 -- Dec 15, Gas Explosion, Koppers Steel/Coke Plant, Weirton, WV -- 19
14. 1926 -- Nov 19, Oil tanker *Mantilla* explos., Bethlehem Steel drydock, Sparrows Point, MD⁶³⁶-- 18
15. 1951 -- Sep 17, Shell Refinery cracking unit Explos./Fire, Roxana, Wood River, IL⁶³⁷ -- 18
16. 1963 -- Jan 02, Home Meat Packing Co. Natural Gas Explosion, Terre Haute, IN -- 17
17. 1965 -- Mar 04, Explosion/Fire, Natural Gas Pipeline, residential Natchitoches, LA -- 17
18. 1984 -- July 24, Union Oil Co. Refinery Explosions and Fire, Romeoville, IL⁶³⁸ -- 17
19. 1944 -- Oct 21, USN LSMs 211/212 Explosion/Fire, Berth 223, LA Harbor, CA⁶³⁹ -- 16
20. 1956 -- Aug 13, Explosion, Liquefied Petroleum Gas, Lariat Café, Monticello, UT -- 15
21. 1951 -- Feb 08, LPG Explosion, Minnesota Mining/Mfg. Abrasives Fac, St. Paul, MN-- 14
22. 1902 -- Feb 05, Gas explosion/fire, Trostle Butcher Shop, Archer & 22nd, Chicago, IL --11-13
23. 1940 -- Dec 17, Natural Gas Explosion, Mercantile & Apartment Bldg., Cincinnati, OH-- 13
24. 1973 -- July 05, PG Railcar Fire/Explosion (Propane), Doxel Gas Co., Kingman, AZ⁶⁴⁰-- 13
25. 1976 -- Aug 12, Ethyl Benzene Explos., Tenneco Oil Refinery Tower, Chalmette, LA -- 13
26. 1943 -- Aug 19, Explosion, Naphtha vapors, Congoleum-Nairn Inc. plant, Kearny, NJ-- 12
27. 1947 -- Jun 22, Tankship *Markay* Petrol. Prod. Loading Vapor Explos., LA CA⁶⁴¹ --10-12
28. 1957 -- Dec 5, Natural gas explosion/fire, five downtown businesses, Villa Rica, GA⁶⁴²-- 12
29. 1959 -- June 02, Collision/Fire/Explos., Propane Gas Truck, ~Deer Lake, east PA⁶⁴³ --11-12

⁶²⁹ Cross-listed in Fire-Structural. At least 32 died in fires in nearby houses

⁶³⁰ Cross-listed in Fire and Structural/Construction. This was an LNG tank which was being cleaned and worked-on. A flash fire called a residual gas explosion which caused the tank concrete cap to fall on workers.

⁶³¹ Cross-listed under Lightning and Maritime.

⁶³² Cross listed under Fire, Structural.

⁶³³ Cross-listed in Fire-Structural.

⁶³⁴ Cross-listed in Fire-Structural.

⁶³⁵ Cross-listed in Fire-Structural.

⁶³⁶ Cross-listed in Maritime.

⁶³⁷ Cross-listed in Fire-Structural.

⁶³⁸ Cross-listed in Fire-Structural, because fires were started by the explosions.

⁶³⁹ Cross-listed under Maritime.

⁶⁴⁰ Cross-listed under Rail.

⁶⁴¹ Cross-listed under Maritime.

⁶⁴² Cross-listed in Fire-Structural – there were fatalities from the explosion and from the resulting fire.

30. 1985 -- Dec 16, Gas Explosion, Rocky Mt. Natural Gas Co., Glenwood Springs, CO -- 12
 31. 2000 -- Aug 19, El Paso Natural Gas Pipeline Rupture and Fire, Carlsbad, NM⁶⁴⁴ -- 12

EXPLOSIONS Subset – FUMES, FUEL VAPOR, NG/PG, LNG, LPG – By Mortality Cont.
(Excludes Maritime Boiler & Mining)

32. 1924 -- Aug 28, Explosion, Ammonia Refrigeration Tank, Grocery, Des Moines, IA⁶⁴⁵-- 11
 33. 1935 -- Oct 07, Gas Explosion, Glidden Soybean Processing Plant, Chicago, IL -- 11
 34. 1947 -- July 29, Butane Gas Explos./fire, Pauline’s Beauty School, Harrisonburg, VA⁶⁴⁶-- 11
 35. 1966 -- Jan 28, Paramount Hotel Gas Explosion and Fire, Boston, MA -- 11
 36. 1989 -- Oct 3, F/V *Northumberland* ruptures NG pipeline/explosion/fire ~Sabine Pass, TX⁶⁴⁷-- 11
 37. 1910 -- Dec 19, Train Crash/Gas Explosion, Grand Central Station yard, NY⁶⁴⁸ -- 10
 38. 1916 -- Feb 16, Gas Explosion, Opera House collapses on Hitt Restaurant, Mexia, TX-- 9-10
 39. 1932 -- Apr 14, Natural Gas Explosion, State Office Building, Columbus, OH -- 10
 40. 1937 -- Feb 05, Flooding/Bldg Gas Leak/Explos., Floyd & Market St., Louisville, KY-- 10
 41. 1944 -- Nov 21, Car/Truck Collision, Butane Gas Tank Truck Explos., Denison, TX⁶⁴⁹-- 10
 42. 1946 -- June 21, Explosion (postulated as natural gas), Baker Hotel, Dallas, TX -- 10
 43. 1953 -- Jan 27, Butane gas line leak explosion & fire, Jones Electric Co., Aiken, SC⁶⁵⁰-- 10
 44. 1960 -- July 18, Explosion (gas) and Fire, J.C. Penney Co. Dept. Store, Merrill, WI -- 10
 45. 1962 -- July 25, Brakes fail, propane LPG tanker truck crash/explos./fire, Berlin, NY⁶⁵¹-- 10

Other:

- 1946 -- July 18, Butane Gas Explosion, Christy’s Spa & 3 frame buildings, Onset, MA -- 9
 1968 -- Jan 10, Natural Gas Explosion Demolishes two adjoining Homes, Reading, PA -- 9
 1988 -- Dec 23, Propane tanker hits wall explodes; parts hit house, cars, Memphis TN⁶⁵² -- 9
 1940 -- Nov 28, Natural Gas Explosion & Fire, Richey Gilbert Warehouse, Toppenish, WA-- 8
 1946 -- Feb 19, Natural Gas Explosion & Fire, Apartment Building, New Orleans, LA -- 7
 1963 -- March 29, Natural Gas leak explosion, Supreme Cleaners, Tucson, AZ -- 7
 1949 -- April 10, Explosion, propane gas furnace leak, St. Mary’s Church, Marion, SD -- 6

⁶⁴³ Cross-listed in Road/Highway.

⁶⁴⁴ Cross-listed in Fire-Structural, and in Structural Failures.

⁶⁴⁵ Ten of the eleven died after the explosion from exposure to the ammonia fumes.

⁶⁴⁶ Cross-listed in Fire, Structural, though most if not all deaths were caused by explosion and building destruction.

⁶⁴⁷ Cross-listed in Explosions in that the pipeline the fishing vessel *Northumberland* hit was not where it should have been, under the sea-floor, and the natural gas explosion and resulting fire on the boat led to the loss of life.

⁶⁴⁸ Cross-listed under Rail.

⁶⁴⁹ Cross-listed in Hazardous Materials and in Road/Highway/Vehicular Events.

⁶⁵⁰ Most, if not all, the deaths were thought to have been the direct result of the explosion and not the resulting fire.

⁶⁵¹ Cross-listed in Road/Highway/Vehicular Events.

⁶⁵² Cross-listed in Hazardous Materials and in Road/Highway/Vehicular Events

EXPLOSIONS Subset – FUMES, FUEL VAPOR, NG/PG, LNG, LPG – Chronological
(Excludes Maritime Boiler & Mining)

1. 1902 -- Feb 05, Gas explosion/fire, Trostle Butcher Shop, Archer & 22nd, Chicago, IL --11-13
2. 1910 -- Dec 19, Train Crash/Gas Explosion, Grand Central Station yard, NY⁶⁵³ -- 10
3. 1916 -- Feb 16, Gas Explosion, Opera House collapses on Hitt Restaurant, Mexia, TX-- 9-10
4. 1924 -- Aug 28, Explosion, Ammonia Refrigeration Tank, Grocery, Des Moines, IA⁶⁵⁴-- 11
5. 1926 -- Nov 19, Oil tanker *Mantilla* explos., Bethlehem Steel drydock, Sparrows Point, MD⁶⁵⁵-- 18
6. 1927 -- Jan 26, Gas explosion, Mormon recreation hall, basketball game, Turner, ID -- 7
7. 1927 -- Nov 14, Natural Gas Tank Explosion, Equitable Gas Co., Pittsburgh, PA -- 28
8. 1928 -- Nov 08, Explosion, Fire, Preble Box Toe Co. Plant and house, Lynn, MA⁶⁵⁶ --20-21
9. 1932 -- Apr 14, Natural Gas Explosion, State Office Building, Columbus, OH -- 10
10. 1935 -- Oct 07, Gas Explosion, Glidden Soybean Processing Plant, Chicago, IL -- 11
11. 1937 -- Feb 05, Flooding/Bldg Gas Leak/Explos., Floyd & Market St., Louisville, KY-- 10
12. 1937 -- March 18, Natural Gas explosion, consolidated school, New London, TX --311-319
13. 1940 -- Nov 28, Natural Gas Explos. & Fire, Richey Gilbert Warehouse, Toppenish, WA-- 8
14. 1940 -- Dec 17, Natural Gas Explosion, Mercantile & Apartment Bldg., Cincinnati, OH-- 13
15. 1943 -- Aug 19, Explosion, Naphtha vapors, Congoleum-Nairn Inc. plant, Kearny, NJ-- 12
16. 1944 -- Oct 20, LNG Tank Explosions & Fire, East Ohio Gas Co., Cleveland, OH⁶⁵⁷-128-136
17. 1944 -- Oct 21, USN LSMs 211/212 Explosion/Fire, Berth 223, LA Harbor, CA⁶⁵⁸ -- 16
18. 1944 -- Nov 21, Car/Truck Collision, Butane Gas Tank Truck Explos., Denison, TX⁶⁵⁹-- 10
19. 1946 -- Feb 19, Natural Gas Explosion & Fire, Apartment Building, New Orleans, LA-- 7
20. 1946 -- June 21, Explosion (postulated as natural gas), Baker Hotel, Dallas, TX -- 10
21. 1946 -- July 18, Butane Gas Explosion, Christy's Spa & 3 frame buildings, Onset, MA-- 9
22. 1947 -- June 22, Tankship *Markay* Petrol. Prod. Loading Vapor Explos., LA CA⁶⁶⁰ --10-12
23. 1947 -- July 29, Butane Gas Explos./fire, Pauline's Beauty School, Harrisonburg, VA⁶⁶¹-- 11
24. 1949 -- April 10, Explosion, propane gas furnace leak, St. Mary's Church, Marion, SD-- 6
25. 1949 -- Dec 14, Natural Gas Explos., Swift & Co. Packing House, Sioux City, IA -- 21
26. 1951 -- Feb 08, LPG Explosion, Minnesota Mining/Mfg. Abrasives Fac, St. Paul, MN-- 14
27. 1951 -- Sep 17, Shell Refinery cracking unit Explos./Fire, Roxana, Wood River, IL⁶⁶² -- 18
28. 1953 -- Jan 27, Butane gas line leak explosion & fire, Jones Electric Co., Aiken, SC⁶⁶³-- 10

⁶⁵³ Cross-listed under Rail.

⁶⁵⁴ Ten of the eleven died after the explosion from exposure to the ammonia fumes.

⁶⁵⁵ Cross-listed in Maritime.

⁶⁵⁶ Cross-listed in Fire-Structural.

⁶⁵⁷ Cross-listed in Fire-Structural. At least 32 died in fires in nearby houses

⁶⁵⁸ Cross-listed under Maritime.

⁶⁵⁹ Cross-listed in Hazardous Materials and in Highway/Vehicular.

⁶⁶⁰ Cross-listed under Maritime.

⁶⁶¹ Cross-listed in Fire, Structural, though most if not all deaths were caused by explosion and building destruction.

⁶⁶² Cross-listed in Fire, Structural.

⁶⁶³ Most, if not all, the deaths were thought to have been the direct result of the explosion and not the resulting fire.

29. 1956 -- Aug 13, Explosion, Liquefied Petroleum Gas, Lariat Café, Monticello, UT -- 15
30. 1957 -- Dec 5, Natural gas explosion/fire, five downtown businesses, Villa Rica, GA⁶⁶⁴-- 12
31. 1959 -- June 02, Collision/Fire/Explos., Propane Gas Truck, ~Deer Lake, east PA⁶⁶⁵ --11-12
32. 1960 -- July 18, Explosion (gas) and Fire, J.C. Penney Co. Dept. Store, Merrill, WI -- 10
33. 1962 -- July 25, Brakes fail, propane LPG tanker truck crash/explos./fire, Berlin, NY⁶⁶⁶-- 10
34. 1963 -- Jan 02, Home Meat Packing Co. Natural Gas Explosion, Terre Haute, IN -- 17
35. 1963 -- March 29, Natural Gas leak explosion, Supreme Cleaners, Tucson, AZ -- 7
36. 1963 -- Oct 31, Bottled Propane Gas Tank Explosion, Indianapolis Coliseum, IN --74-75
37. 1965 -- Mar 04, Explosion/Fire, Natural Gas Pipeline, residential Natchitoches, LA -- 17
38. 1965 -- Nov 24, Natural Gas explosion/fire, Nat. Guard Armory dance, Keokuk, IA⁶⁶⁷-- 21
39. 1966 -- Jan 28, Paramount Hotel Gas Explosion and Fire, Boston, MA -- 11
40. 1968 -- Jan 10, Natural Gas Explosion Demolishes two adjoining Homes, Reading, PA-- 9
41. 1972 -- Feb 01, Lightning, Gas Fumes Explos., Tanker *V.A. Fogg*, off Galveston, TX⁶⁶⁸-- 39
42. 1972 -- Dec 15, Gas Explosion, Koppers Steel/Coke Plant, Weirton, WV -- 19
43. 1973 -- Feb 10, Fire/Gas Explos./LNG Tank Concrete Roof Falls, Staten Island NY⁶⁶⁹-- 40
44. 1973 -- July 05, PG Railcar Fire/Explosion (Propane), Doxel Gas Co., Kingman, AZ⁶⁷⁰-- 13
45. 1976 -- Jan 10, Pathfinder (residential) Hotel Natural Gas Explos./Fire, Fremont, NE⁶⁷¹-- 20
46. 1976 -- Aug 12, Ethyl Benzene Explos., Tenneco Oil Refinery Tower, Chalmette, LA -- 13
47. 1984 -- July 24, Union Oil Co. Refinery Explosions and Fire, Romeoville, IL⁶⁷² -- 17
48. 1985 -- Dec 16, Gas Explosion, Rocky Mt. Natural Gas Co., Glenwood Springs, CO -- 12
49. 1988 -- Dec 23, Propane tanker hits wall explodes; parts hit house, cars, Memphis TN⁶⁷³-- 9
50. 1989 -- Oct 3, F/V *Northumberland* ruptures NG pipeline/explosion/fire ~Sabine Pass, TX⁶⁷⁴-- 11
51. 1989 -- Oct 23, Phillips Petroleum Co. Gas Leak Explosion, Pasadena TX⁶⁷⁵ -- 23
52. 1996 -- Nov 21, Propane Gas Explosion, Commercial Bldg., San Juan, Puerto Rico -- 33
53. 2000 -- Aug 19, El Paso Natural Gas Pipeline Rupture and Fire, Carlsbad, NM⁶⁷⁶ -- 12

⁶⁶⁴ Cross-listed in Fire-Structural – there were fatalities from the explosion and from the resulting fire.

⁶⁶⁵ Cross-listed in Road/Highway.

⁶⁶⁶ Cross-listed in Road/Highway Vehicle Events.

⁶⁶⁷ Cross-listed in Fire, Structural.

⁶⁶⁸ Cross-listed under Lightning and Maritime.

⁶⁶⁹ Cross-listed in Fire and Structural/Construction. This was an LNG tank which was being cleaned and worked-on. A flash fire called a residual gas explosion which caused the tank concrete cap to fall on workers.

⁶⁷⁰ Cross-listed under Rail.

⁶⁷¹ Cross-listed in Fire-Structural.

⁶⁷² Cross-listed in Fire-Structural, because fires were started by the explosions.

⁶⁷³ Cross-listed in Hazardous Materials and in Road/Highway/Vehicular Events

⁶⁷⁴ Cross-listed in Explosions in that the pipeline the fishing vessel *Northumberland* hit was not where it should have been, under the sea-floor, and the natural gas explosion and resulting fire on the boat led to the loss of life.

⁶⁷⁵ Cross listed under Fire, Structural.

⁶⁷⁶ Cross-listed in Fire-Structural, and in Structural Failures.

EXPLOSIONS Subset – GASOLINE, KEROSENE, NAPHTHA, OIL – By Mortality

1. 1915 -- Sep 27, Rail Tank Car Gasoline Explosion, Ardmore, OK⁶⁷⁷ --40-44
2. 1902 -- May 12, Explosion, Freight Train Oil and Naphtha Cars, Sheraden, PA⁶⁷⁸ --20-29
3. 1956 -- Jan 17, Gasoline explosion/fire, SS *Salem Maritime*, terminal, Rose Bluff, LA⁶⁷⁹-- 21
4. 1956 -- July 29, Fire/Explosion, McKee tank farm, Shamrock Oil & Gas, Dumas, TX⁶⁸⁰-- 19
5. 1903 -- Mar 09, Train Wreck/Fire, delayed Oil/Gasoline Tanker Explos., Olean, NY⁶⁸¹-- 17
6. 1921 -- Sep 14, Explosion/Fire, Atlantic Refining Co., Point Breeze, Philadelphia, PA⁶⁸²-- 16
7. 1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV⁶⁸³-- 15
8. 1954 -- Dec 24, Explos./fire, kerosene thrown in stove, tenant farmhouse ~Parkin, AR⁶⁸⁴-- 13
9. 1923 -- May 9, Explosion/Fire, J.K. Hughes Co, McKie Oil Well, Corsicana, TX -- 12
10. 1903 -- Apr 23, Northwestern Star Oil Plant Explosion, Minneapolis, MN --10-11
11. 1924 -- Aug 29, Gasoline Tank Explosion, People's Natural Gas, Pittsburgh, PA -- 11
12. 1919 -- Nov 17, Oil Explosion, Oil Tank, Standard Oil Company, Hays, KS -- 10
13. 1933 -- Jun 02, Oil Explosion, Richfield Meandor Oil Refinery, Long Beach, CA -- 10

14. 1954 -- Mar 19, Kerosene explodes, home woodstove, Spider Ridge, ~Parkersburg, WV⁶⁸⁵--9
15. 1933 -- Mar 25, Gasoline Stove Explosion under whisky still, home fire, ~Fargo, OK⁶⁸⁶-- 7
16. 1954 -- Apr 10, Explosion, kerosene put in home stove, fire, Columbia, AL⁶⁸⁷ -- 7
17. 1954 -- Apr 03, Explosion/fire, kerosene poured in home stove, Glouster, OH⁶⁸⁸ -- 6
18. 1959 -- Aug 18, Service Station Fire/gasoline storage tank explosion, Kansas City, KS-- 6

⁶⁷⁷ Cross-listed in Hazardous Materials and in Rail.

⁶⁷⁸ Cross-listed in Rail.

⁶⁷⁹ Cross-listed in Hazardous Materials Transportation and in Maritime.

⁶⁸⁰ Cross-listed in Fire-Structural in that a fire was precipitating event – all deaths were due to the explosion.

⁶⁸¹ Cross-listed in Fire and in Rail.

⁶⁸² Cross-listed in Fire-Structural.

⁶⁸³ Cross-listed in Fire (gas can deliberately thrown into fire from kicked-over stove), and in Violence.

⁶⁸⁴ Cross-listed in Fire-Structural. The deaths were caused by burning fuel thrown onto the victims.

⁶⁸⁵ Cross-listed in Fire-Structural. Burning kerosene was thrown on some if not all victims; home burned to ground.

⁶⁸⁶ When the stove exploded burning gasoline was thrown onto the sleeping victims in a one-room farm house.

⁶⁸⁷ Cross-listed in Fire-structural.

⁶⁸⁸ Cross listed in Fire-structural.

EXPLOSIONS Subset – GASOLINE, KEROSENE, NAPHTHA, OIL – Chronological

1. 1902 -- May 12, Explosion, Freight Train Oil and Naphtha Cars, Sheraden, PA⁶⁸⁹ --20-29
2. 1903 -- Mar 09, Train Wreck/Fire, delayed Oil/Gasoline Tanker Explos., Olean, NY⁶⁹⁰-- 17
3. 1903 -- Apr 23, Northwestern Star Oil Plant Explosion, Minneapolis, MN --10-11

4. 1915 -- Sep 27, Rail Tank Car Gasoline Explosion, Ardmore, OK⁶⁹¹ --40-44
5. 1919 -- Nov 17, Oil Explosion, Oil Tank, Standard Oil Company, Hays, KS -- 10

6. 1921 -- Sep 14, Explosion/Fire, Atlantic Refining Co., Point Breeze, Philadelphia, PA⁶⁹²-- 16
7. 1923 -- May 9, Explosion/Fire, J.K. Hughes Co, McKie Oil Well, Corsicana, TX -- 12
8. 1924 -- Aug 29, Gasoline Tank Explosion, People's Natural Gas, Pittsburgh, PA -- 11

9. 1933 -- Mar 25, Gasoline Stove Explosion under whisky still, home fire, ~Fargo, OK⁶⁹³-- 7

10. 1933 -- Jun 02, Oil Explosion, Richfield Meandor Oil Refinery, Long Beach, CA -- 10

11. 1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV⁶⁹⁴-- 15

12. 1954 -- Mar 19, Kerosene explodes, home woodstove, Spider Ridge, ~Parkersburg, WV⁶⁹⁵--9
13. 1954 -- Apr 03, Explosion/fire, kerosene poured in home stove, Glouster, OH⁶⁹⁶ -- 6
14. 1954 -- Apr 10, Explosion, kerosene put in home stove, fire, Columbia, AL⁶⁹⁷ -- 7
15. 1954 -- Dec 24, Explos./fire, kerosene thrown in stove, tenant farmhouse ~Parkin, AR⁶⁹⁸-- 13
16. 1956 -- Jan 17, Gasoline explosion/fire, SS *Salem Maritime*, terminal, Rose Bluff, LA⁶⁹⁹-- 21
17. 1956 -- July 29, Fire/Explosion, McKee tank farm, Shamrock Oil & Gas, Dumas, TX⁷⁰⁰-- 19
18. 1959 -- Aug 18, Service Station Fire/gasoline storage tank explosion, Kansas City, KS-- 6

⁶⁸⁹ Cross-listed in Rail.

⁶⁹⁰ Cross-listed in Fire and in Rail.

⁶⁹¹ Cross-listed in Hazardous Materials and in Rail.

⁶⁹² Cross-listed in Fire-Structural.

⁶⁹³ When the stove exploded burning gasoline was thrown onto the sleeping victims in a one-room farm house.

⁶⁹⁴ Cross-listed in Fire (gas can deliberately thrown into fire from kicked-over stove), and in Violence.

⁶⁹⁵ Cross-listed in Fire-Structural. Burning kerosene was thrown on some if not all victims; home burned to ground.

⁶⁹⁶ Cross listed in Fire-structural.

⁶⁹⁷ Cross-listed in Fire-structural.

⁶⁹⁸ Cross-listed in Fire-Structural. The deaths were caused by burning fuel thrown onto the victims.

⁶⁹⁹ Cross-listed in Hazardous Materials Transportation and in Maritime.

⁷⁰⁰ Cross-listed in Fire-Structural in that a fire was precipitating event – all deaths were due to the explosion.

EXPLOSIONS (Industrial/Commercial) Subset – MACHINERY, BOILERS, ENGINES
(Excludes Maritime & Mining) – By MORTALITY – Deadliest American

1.	1850 -- Feb 04, Boiler Explosion, Taylor & Co., Hague St., Manhattan, NY ⁷⁰¹	--60-75
2.	1905 -- Mar 20, Boiler Explos./Fire, Grover & Co. Shoe Factory, Brockton, MA ⁷⁰²	-- 58
3.	1895 -- Nov 06, <i>Evening Journal</i> Building Boiler Explosion/Fire, Detroit, MI	--37-40
4.	1912 -- Mar 18, Boiler Explosion, Train Engine, So. Pacific Yard, San Antonio TX ⁷⁰³	-- 36
5.	1907 -- Jan 09, Explosion, Eliza Furnaces, Jones & Laughlin Steel, Pittsburgh, PA	--12-34
6.	1901 -- Nov 26, Boiler Explosion and Fire, Penberthy Injector Co., Detroit, MI	--29-30
7.	1919 -- Nov 22, Stove Explos./Fire/Crushing, Dance Hall/Store, Ville Platte LA ⁷⁰⁴	--25-28
8.	1867 -- Jun 06, Geasy & Ward's Cabinet Makers Boiler Explosion & Fire, Philly, PA	--22-27
9.	1869 -- Oct 01, Boiler Explosion, Power Hall, State Fair, Indianapolis, IN	--21~27
10.	1895 -- Aug 19, Boiler Explosion/Fire, Gumry Hotel, Denver, CO	-- 25
11.	1889 -- Feb 17, Park Central Hotel Boiler Explosion & Bldg. Collapse, Hartford, CT	--21-23
12.	1962 -- Oct 03, Boiler Explosion, NY Telephone Co. Office, Manhattan, NY	-- 23
13.	1867 -- Nov 08, Boiler Explosion, Reese & Co. Rolling-Mill, Pitt Township, PA	--17-20
14.	1887 -- Apr 23, Boiler Explosion, Passaic Rolling Mills, Paterson, NJ	-- 20
15.	1902 -- Aug 20, Explosion, wood digesters, Delaware Pulp Mills, Wilmington, DE	-- 17
16.	1901 -- Dec 19, Blast Furnace Gas Explosion, Jones & Laughlin Co., Pittsburgh, PA	--10-15
17.	1902 -- Nov 29, Boiler Explosion, Swift & Co. Power Plant, Chicago, IL	--13-15
18.	1881 -- Jan 6, Big Puddle Boiler Explosion, Allentown Rolling Mill Co., PA	--13-14
19.	1928 -- Feb 10, Vaporizer explos./fire, Beacon Oil Co. Refining Plant, Everett, MA ⁷⁰⁵	-- 14
20.	1910 -- May 17, Boiler Explosion, American Sheet and Tin Plate Co., Canton, OH	-- 13
21.	1860 -- Sep 24, Boiler Explosion, W. W. Wallace Marble Works, Pittsburgh, PA	--10-12
22.	1911 -- Feb 08, Boiler Explosion, MO, KS & TX Rail Roundhouse, Smithville, TX	-- 12
23.	1901 -- Aug 18, Blast Furnace Explosion, National Steel Co., Youngstown, OH	-- 9-11
24.	1866 -- Sep 12, Boiler Explosion, S&G Rork Sawing Mill, Albany, NY	-- 10
25.	1901 -- Mar 11, Boiler Explosion, Doremus Laundry, 458 W. Madison, Chicago, IL	-- ~10
26.	1908 -- Aug 10, Boiler Explosion, Susquehanna Iron & Steel Co., York, PA	-- 10

Other:

27.	1903 -- Mar 31, Blast Furnace Explos., Edgar Thomson Plant, Braddock, PA	-- 9
28.	1933 -- Mar 25, Gasoline Stove Explosion under whisky still, home fire, ~Fargo, OK ⁷⁰⁶	-- 7
29.	1982 -- Jan 19, Water heater explosion, Star Elementary School cafeteria, Spencer, OK	-- 7
30.	2010 -- April 2, Explosion (heat exchanger), Tesoro Refinery, Anacortes, WA	-- 7
31.	1999 -- Feb 1, Boiler Explosion, Ford Motor's River Rouge complex, Dearborn, MI	-- 6
32.	1891 -- June 3, Boiler Explosion, Dusard Brothers' Saw Mill, near Fayetteville, IN	-- 5

⁷⁰¹ Cross-listed in Fire, Structural.

⁷⁰² Cross-listed under Fire.

⁷⁰³ Cross-listed in Rail.

⁷⁰⁴ Cross-listed in Fires/Structural and in Violence/Trampling.

⁷⁰⁵ Cross-listed in Fires-Structural. Most deaths were from the vaporizer explosion and a few from the resulting fire.

⁷⁰⁶ When the stove exploded burning gasoline was thrown onto the sleeping victims in a one-room farm house.

EXPLOSIONS (Industrial/Commercial) Subset – MACHINERY, BOILERS, ENGINES
(Excludes Maritime/Mining) – CHRONOLOGICAL – Deadliest American

1. 1850 -- Feb 04, Boiler Explosion, Taylor & Co., Hague St., Manhattan, NY⁷⁰⁷ --60-75
2. 1854 -- Mar 2 , Boiler Explosion and Fire, Fales & Gray RR Car Works, Hartford, CT-- 21
3. 1866 -- Sep 12, Boiler Explosion, S&G Rork Sawing Mill, Albany, NY -- 10
4. 1867 -- Jun 06, Geasy & Ward's Cabinet Makers Boiler Explosion & Fire, Philly, PA --22-27
5. 1867 -- Nov 08, Boiler Explosion, Reese & Co. Rolling-Mill, Pitt Township, PA --17-20
6. 1881 -- Jan 6, Big Puddle Boiler Explosion, Allentown Rolling Mill Co., PA --13-14
7. 1887 -- Apr 23, Boiler Explosion, Passaic Rolling Mills, Paterson, NJ -- 20
8. 1889 -- Feb 17, Park Central Hotel Boiler Explosion & Bldg. Collapse, Hartford, CT --21-23
9. 1891 -- June 3, Boiler Explosion, Dusard Brothers' Saw Mill, near Fayetteville, IN -- 5
10. 1895 -- Aug 19, Boiler Explosion/Fire, Gumry Hotel, Denver, CO -- 25
11. 1895 -- Nov 06, *Evening Journal* Building Boiler Explosion/Fire, Detroit, MI --37-40
12. 1901 -- Mar 11, Boiler Explos., Doremus Laundry, 458 W. Madison, Chicago, IL -- ~10
13. 1901 -- Aug 18, Blast Furnace Explosion, National Steel Co., Youngstown, OH -- 9-11
14. 1901 -- Nov 26, Boiler Explosion and Fire, Penberthy Injector Co., Detroit, MI --29-30
15. 1901 -- Dec 19, Blast Furnace Gas Explos., Jones & Laughlin Co., Pittsburgh, PA --10-15
16. 1902 -- Aug 20, Explosion, wood digesters, Delaware Pulp Mills, Wilmington, DE -- 17
17. 1902 -- Nov 29, Boiler Explosion, Swift & Co. Power Plant, Chicago, IL --13-15
18. 1903 -- Mar 31, Blast Furnace Explos., Edgar Thomson Plant, Braddock, PA -- 9
19. 1905 -- Mar 20, Boiler Explos./Fire, Grover & Co. Shoe Factory, Brockton, MA⁷⁰⁸ -- 58
20. 1907 -- Jan 09, Explosion, Eliza Furnaces, Jones & Laughlin Steel, Pittsburgh, PA --12-34
21. 1908 -- Aug 10, Boiler Explosion, Susquehanna Iron & Steel Co., York, PA -- 10
22. 1910 -- May 17, Boiler Explosion, American Sheet and Tin Plate Co., Canton, OH -- 13
23. 1911 -- Feb 08, Boiler Explosion, MO, KS & TX Rail Roundhouse, Smithville, TX -- 12
24. 1912 -- Mar 18, Boiler Explosion, Train Engine, So. Pacific Yard, San Antonio TX⁷⁰⁹ -- 36
25. 1919 -- Nov 22, Stove Explos./Fire/Crushing, Dance Hall/Store, Ville Platte LA⁷¹⁰ --25-28
26. 1928 -- Feb 10, Vaporizer explos./fire, Beacon Oil Co. Refining Plant, Everett, MA⁷¹¹-- 14
27. 1962 -- Oct 03, Boiler Explosion, NY Telephone Co. Office, Manhattan, NY -- 23
28. 1982 -- Jan 19, Water heater explosion, Star Elementary School cafeteria, Spencer, OK-- 7
29. 1999 -- Feb 1, Boiler Explosion, Ford Motor's River Rouge complex, Dearborn, MI -- 6
30. 2010 -- April 2, Explosion (heat exchanger), Tesoro Refinery, Anacortes, WA -- 7

⁷⁰⁷ Cross-listed in Fire, Structural.

⁷⁰⁸ Cross-listed under Fire.

⁷⁰⁹ Cross-listed in Rail.

⁷¹⁰ Cross-listed in Fires/Structural and in Violence/Trampling.

⁷¹¹ Cross-listed in Fires-Structural. Most deaths were from the vaporizer explosion and a few from the resulting fire.

EXPLOSION Subset – Deadliest American – OTHER/UNKNOWN Cause

1. 1887 -- Nov 1, Explosion/fire, Newman's Grocery Store/Tenement, St. Louis, MO -- 8-10
2. 1919 -- Jan 07, Explosion and Fire, Film Exchange, Penn Ave., Pittsburgh, PA⁷¹² --10-12
3. 1928 -- Apr 13, Explosion/Bldg. Collapse/Fire, Bond Dance Hall, West Plains, MO --37-40
4. 1946 -- Feb 02, Explosion/Fire, Jennings Hall Home for Aged, Garfield Heights, OH -- 14
5. 1955 -- Aug 10, Explosion (sewer gas?) & Fire, Gateway Restaurant, Andover, OH⁷¹³-- 22
6. 2010 -- Apr 20, Drill Rig *Deepwater Horizon* Explosion, Gulf of Mexico, ~50m, LA -- 11

⁷¹² Cross-listed in Fire.

⁷¹³ Cross-listed in Fire-Structural.

Multiple-Death Fires (All Types --Top Ten)⁷¹⁴

1. 1906 -- Apr 18, Earthquake, Fire, Landslides, San Francisco & vicinity, CA⁷¹⁵ --3,000-5,000
2. 2001 -- Sep 11, World Trade Center Terrorist Attack and Fires, NYC, NY⁷¹⁶ --2,666
3. 1871 -- Oct 8-9, Wildfire/Firestorm, Peshtigo/NE WI vic.; Birch Creek MI⁷¹⁷ --1,152-2,500
4. 1865 -- Apr 27, Steamer *Sultana* Explodes/Burns, MS. Riv., Redman Point, AR -- 1,547-2000
5. 1904 -- Jun 15, Fire, *General Slocum* Excursion Steamer, East Riv., NYC, NY -- 957-1,200
6. 1903 -- Dec 30, Fire, suffocation, trampling, Iroquois Theater, Chicago, IL⁷¹⁸ -- 602
7. 1918 -- Oct 12, Forest Fires, Cloquet, Moose Lake, many towns, northeast MN --453-559
8. 1881 -- Sep 1-6, Wildfire, "The Thumb Fire," Lower Michigan --169-500
9. 1942 -- Nov 28, Fire/trampling/suffocation, Cocoanut Grove Nightclub, Boston, MA⁷¹⁹ -- 498
10. 1894 -- Sep 01, Wildfire, Hinckley, Pokegania, Mission Creek destroyed, MN --418-450

⁷¹⁴ Includes Forest/wildfires, fires from maritime events, structural fires and 911 terrorism event. Have used death toll for all types of death in the 1906 San Francisco earthquake, given uncertainty over range of deaths attributable solely to fire (burns, however, were the leading cause of death -- see 1906 SF Earthquake document.)

⁷¹⁵ Cross-listed in Earthquake and in Landslides, in that there were a small number of deaths due to slides.

⁷¹⁶ Cross-listed in Violence-Terrorism section.

⁷¹⁷ Many sources put fatality high-range at 1,500. Several sources put the high-range at 2,200 (Frank, 2003; Gess and Lutz, 2002, inside front cover), 2,400 (Hipke, 2008), or 2,500 (Gess and Lutz, 2002, p. 211).

⁷¹⁸ Cross-listed in Violence-Crushing, Trampling, Suffocation.

⁷¹⁹ Cross-listed in Violence-Crushing, Trampling, Suffocation.

FIRES, FOREST, PRAIRIE and WILDFIRES -- Deadliest American – By MORTALITY

1. 1871 -- Oct 8-9, Wildfires, esp. Peshtigo/NE WI vic.; bordering upper MI^{720 721}--1,152-2,500
2. 1918 -- Oct 12, Forest Fires, Cloquet, Moose Lake, many towns, northeast MN --453-559
3. 1881 -- Sep 1-6, Wildfire, “The Thumb Fire,” Lower MI --169-500
4. 1894 -- Sep 01, Wildfire, Hinckley, Pokegania, Mission Creek destroyed, MN --418-450
5. 1825 -- Oct 07, Wildfires, Miramichi (Canada) and ME -- 300
6. 1871 -- Oct 8-9, Wildfires, esp. Port Huron, St. Clair Co., Manistee County, MI⁷²²--169-~200
7. 1910 -- Aug 20-Sep 9, Wildfires, ID (84 deaths), MT (7 killed), WA (3 deaths) -- 94
8. 1902 -- Sep 9-15, Forest fires, NW OR and esp. Clark/Cowlitz counties, SW WA --58-65
9. 1908 -- Oct 15, Wildfire (Nowicki Train Fire), NE MI, esp. Metz, Presque Isle Co.⁷²³ --37-47
10. 1910 -- Oct 7, Wildfire, Northern MN, esp. Baudette, Pitt, Spooner, MN --32-43

11. 2017 -- Oct 8-14, Wildfires, Northern CA, esp. Sonoma/Napa/Mendocino/Yuma Cntys-- 42
12. 1933 -- Oct 03, Urban Wildfire, Griffin Park, Los Angeles, CA --28-33
13. 1991 -- Oct 20, Wildfire/Firestorm, East Bay Hills, Oakland/Berkeley Hills, CA -- 25
14. 2003 -- Oct 25-Nov 4, Arson Wildfires (esp. Cedar, Old Fire, Paradise), Southern CA⁷²⁴--22-24
15. 1894 -- July 26-30, Forest Fires, 8 counties, especially Phillips, Price County, WI -- 20
16. 2013 -- June 30, Wildfire, Granite Mt. Hotshot Firefighters killed, Yarnell Hill, AZ -- 19
17. 1947 -- Oct 17-27, Forest Fire, Mount Desert Island, ME -- 16
18. 1970 -- Sep 22-Oct 4, CA Wildfires (some arson), esp. Laguna Fire, esp. Southern CA- 13-16
19. 1937 -- Aug 21, Blackwater Wildfire, Shoshone National Forest, WY -- 15
20. 1953 -- July 09, Rattlesnake Wildfire, Mendocino National. Forest, CA -- 15
21. 1898 -- Feb 16-17, Wildfires, SC -- 14
22. 1994 -- July 06, South Canyon Wildfire, Storm King Mt., Glenwood Springs, CO -- 14
23. 2016 -- Nov 28, Chimney Tops 2 arson Wildfire hits Gatlinburg, Sevier County, TN⁷²⁵-- 14
24. 1949 -- Aug 05, Mann Gulch Forest Fire, Gates of the Mountain, MT -- 13
25. 1893 -- May, Forest Fire, Lumber Camp, near Cadillac MI --10-12
26. 1911 -- July 11, Wildfire, Northeast Mich., esp. Au Sable, Oscoda on Lake Huron -- 5-12
27. 1966 -- Nov 01, Loop Wildfire, near Angeles National Forest, LA County, CA -- 12
28. 2006 -- Mar 12, Wildfire (fire/evac. accidents, 7 direct 5 indirect), Northeastern TX -- 12
29. 1936 -- Sep 26-29, Wildfires, SW OR, esp. Bandon & Prosper (Sep 26), (also NO CA)-- 11
30. 1943 -- Oct 03, Hauser Creek Wildfire, Cleveland National Forest, So. CA -- 11
31. 1956 -- Nov 24, Inaja Wildland Fire, Cleveland National Forest, CA -- 11
32. 1867 -- Oct 7, Prairie Fire, Gov. stock yard and Indian Camp, Fort Ransom, ND -- 10
33. 2007 -- Oct 20-Nov 9, Wildfires (23), Southern CA -- 10

Other:

- 1938 -- Oct 19, Forest Fire (arson), Pepper Hill, ~Sinnemahoning, Cameron Co., PA -- 8
 2012 -- March-July 1, Wildfires, Western U.S., esp. CA, CO, MT, UT, WY -- 8

⁷²⁰ There is another listing for a different set of wildfires across Lake Michigan in the MI Lake Huron “thumb” area.

⁷²¹ Many sources put fatality high-range at 1,500. Several sources put the high-range at 2,200 (Frank, 2003; Gess and Lutz, 2002, inside front cover), 2,400 (Hipke, 2008), or 2,500 (Gess and Lutz, 2002, p. 211).

⁷²² This is not a double counting of deaths of those in the Peshtigo/upper MI listing above, which were unconnected.

⁷²³ The Nowicki Siding train derailment and burning (15-16 fatalities) is cross-listed in Rail.

⁷²⁴ Cross-listed in Violence-Arson.

⁷²⁵ Cross-listed in Violence-Arson.

1955 -- Sep 2, Wildfire, 5 Youths, Fire Cpt., fighting arson brush fire, Puente Hills, CA -- 6
 2006 -- Oct 26, Wildfire, Esperanza fire traps USFS Firefighters, San Jacinto Mts. So. CA-- 5
 1938 -- Oct 10-11, Forest Fires, Border area of Ontario (19) and MN (3) -- 3

FIRES, FOREST, PRAIRIE & WILDFIRES-- Deadliest American – CHRONOLOGICAL

1. 1825 -- Oct 07, Wildfires, Miramichi (Canada) and ME -- 300
2. 1867 -- Oct 7, Prairie Fire, Gov. stock yard and Indian Camp, Fort Ransom, ND -- 10
3. 1871 -- Oct 8-9, Wildfires, esp. Peshtigo/NE WI vic.; bordering upper MI^{726 727}--1,152-2,500
4. 1871 -- Oct 8-9, Wildfires, esp. Port Huron, St. Clair Co., Manistee County, MI⁷²⁸--169-~200
5. 1881 -- Sep 1-6, Wildfire, “The Thumb Fire,” Lower Michigan --169-500
6. 1893 -- May, Forest Fire, Lumber Camp, near Cadillac MI --10-12
7. 1894 -- July 26-30, Forest Fires, 8 counties, especially Phillips, Price County, WI -- 20
8. 1894 -- Sep 01, Wildfire, Hinckley, Pokegania, Mission Creek destroyed, MN --418-450
9. 1898 -- Feb 16-17, Wildfires, SC -- 14
10. 1902 -- Sep 9-15, Forest fires, NW OR and esp. Clark/Cowlitz counties, SW WA --58-65
11. 1908 -- Oct 15, Wildfire (Nowicki Train Fire), NE MI, esp. Metz, Presque Isle Co.⁷²⁹ --37-47
12. 1910 -- Aug 20-Sep 9, Wildfires, ID (84 deaths), MT (7 killed), WA (3 deaths) -- 94
13. 1910 -- Oct 7, Wildfire, Northern MN, esp. Baudette, Pitt, Spooner, MN --32-43
14. 1911 -- July 11, Wildfire, Northeaster Mich., esp. Au Sable, Oscoda on Lake Huron -- 5-12
15. 1918 -- Oct 12, Forest Fires, Cloquet, Moose Lake, many towns, northeast MN --453-559
16. 1933 -- Oct 03, Urban Wildfire, Griffin Park, Los Angeles, CA --28-33
17. 1936 -- Sep 26-29, Wildfires, SW OR, esp. Bandon & Prosper (Sep 26), (also NO CA)-- 11
18. 1937 -- Aug 21, Blackwater Wildfire, Shoshone National Forest, WY -- 15
- 1938 -- Oct 10-11, Forest Fires, Border area of Ontario (19) and MN (3) -- 3
- 1938 -- Oct 19, Forest Fire (arson), Pepper Hill, ~Sinnemahoning, Cameron Co., PA -- 8
19. 1943 -- Oct 03, Hauser Creek Wildfire, Cleveland National Forest, So. CA -- 11
20. 1947 -- Oct 17-27, Forest Fire, Mount Desert Island, ME -- 16
21. 1949 -- Aug 05, Mann Gulch Forest Fire, Gates of the Mountain, MT -- 13
22. 1953 -- July 09, Rattlesnake Wildfire, Mendocino National. Forest, CA -- 15
- 1955 -- Sep 02, Wildfire, 5 Youths, Fire Cpt., fighting arson brush fire, Puente Hills, CA-- 6
23. 1956 -- Nov 24, Inaja Wildland Fire, Cleveland National Forest, CA -- 11

⁷²⁶ There is another listing for a different set of wildfires across Lake Michigan in the MI Lake Huron “thumb” area.

⁷²⁷ Many sources put fatality high-range at 1,500. Several sources put the high-range at 2,200 (Frank, 2003; Gess and Lutz, 2002, inside front cover), 2,400 (Hipke, 2008), or 2,500 (Gess and Lutz, 2002, p. 211).

⁷²⁸ This is not a double counting of deaths of those in the Peshtigo/upper MI listing above, which were unconnected.

⁷²⁹ The Nowicki Siding train derailment and burning (15-16 fatalities) is cross-listed in Rail.

24. 1966 -- Nov 01, Loop Wildfire, near Angeles National Forest, LA County, CA -- 12

25. 1970 -- Sep 22-Oct 4, CA Wildfires (some arson), esp. Laguna Fire, esp. Southern CA- 13-16

FIRES, FOREST, PRAIRIE & WILDFIRES-- Deadliest American – CHRONOLOGICAL

26. 1991 -- Oct 20, Wildfire/Firestorm, East Bay Hills, Oakland/Berkeley Hills, CA -- 25

27. 1994 -- July 06, South Canyon Wildfire, Storm King Mt., Glenwood Springs, CO -- 14

28. 2003 -- Oct 25-Nov 4, Arson Wildfires (esp. Cedar, Old Fire, Paradise), Southern CA⁷³⁰-22-24

29. 2006 -- Mar 12, Wildfire (fire/evac. accidents, 7 direct 5 indirect), Northeastern TX -- 12

2006 -- Oct 26, Wildfire, Esperanza fire traps USFS Firefighters, San Jacinto Mts. So. CA-- 5

30. 2007 -- Oct 20-Nov 9, Wildfires (23), Southern CA -- 10

2012 -- March-July 1, Wildfires, Western U.S., esp. CA, CO, MT, UT, WY -- 8

31. 2013 -- June 30, Wildfire, Granite Mt. Hotshot Firefighters killed, Yarnell Hill, AZ -- 19

32. 2016 -- Nov 28, Chimney Tops 2 arson Wildfire hits Gatlinburg, Sevier County, TN⁷³¹-- 14

33. 2017 -- Oct 8-14, Wildfires, Northern CA, esp. Sonoma/Napa/Mendocino/Yuma Cnty-- 42

⁷³⁰ Cross-listed in Violence-Arson.

⁷³¹ Cross-listed in Violence-Arson.

FIRE -- Structural -- Deadliest American -- By MORTALITY

11. 1906 -- Apr 18, Earthquake, Fire, Landslides, San Francisco & vicinity, CA⁷³² --3,000-5,000
12. 2001 -- Sep 11, World Trade Center Terrorist Attack and Fires, NYC, NY⁷³³ --2,666
13. 1903 -- Dec 30, Fire, suffocation, trampling, Iroquois Theater, Chicago, IL⁷³⁴ -- 602
14. 1942 -- Nov 28, Fire/trampling/suffocation, Cocoanut Grove Nightclub, Boston, MA⁷³⁵ -- 498
15. 1900 -- June 30, Fire, Lloyd Piers, Ships, North German Line, Hoboken, NJ⁷³⁶ --300-400
16. 1892 -- Jun 05, Dam Failure, Oil Fire, Titusville, Oil City, PA⁷³⁷ -- 350
17. 1930 -- Apr 22, Ohio State Penitentiary Fire, Columbus, OH --320-322
18. 1871 -- Oct 8-10, Conflagration, The Great Chicago Fire, IL --200-300
19. 1876 -- Dec 5, Conway Theater Fire, Trampling, Suffocation, Brooklyn, NY⁷³⁸ --284-300
20. 1940 -- April 23, Rhythm Night Club fire/suffocation/trampling, Natchez, MS -- 209
21. 1860 -- Jan 10, Building Cave-in & Fire, Pemberton Cotton Mills, Lawrence, MA⁷³⁹ 88-200
22. 1908 -- Mar 04, Fire, Trampling, Lake View Elementary Sch., Collinwood, OH⁷⁴⁰ --172-178
23. 1908 -- Jan 13, Fire and Trampling, Rhoads Opera House, Boyertown, PA⁷⁴¹ --169-175
24. 1944 -- July 06, Barnum & Ringling Broth. Circus Fire, Stampede, Hartford, CT --168-169
25. 1995 -- Apr 19, Terrorism, Alfred P. Murrah Federal bldg. Bombing, Oklahoma City⁷⁴²--168
26. 1977 -- May 28, Beverly Hills Supper Club Fire, Southgate, KY -- 165
27. 1911 -- Mar 25, Fire, Triangle Shirtwaist Company, NYC, NY --146-147
28. 1944 -- Oct 20, LNG Tank Explosions & Fire, East Ohio Gas Co., Cleveland, OH⁷⁴³-128-136
29. 1929 -- May 15, Cleveland Clinic (Hospital) Fire, Cleveland, OH -- 125
30. 1946 -- Dec 7, Hotel Winecoff Fire, Atlanta, GA -- 119
31. 2003 -- Feb 20, Fire, Trampling, The Station Nightclub, West Warwick, RI⁷⁴⁴ -- 100
32. 1986 -- Dec 31, Arson Fire Dupont Plaza Hotel and Casino, San Juan, Puerto Rico⁷⁴⁵ -- 97
33. 1958 -- Dec 01, Our Lady of the Angels Elementary School Fire, Chicago, IL -- 95
34. 1883 -- Jan 10, Fire (suspected arson), Newhall House (Hotel), Milwaukee, WI --~70--90
35. 1990 -- Mar 25, Arson Fire, Happy Land Social Club, Bronx, NY⁷⁴⁶ -- 87
36. 1980 -- Nov 21, MGM Grand Hotel Fire, Las Vegas, NV -- 85
37. 1993 -- Feb 1993, FBI/ATF Siege, Branch Davidian Compound, Waco TX⁷⁴⁷ -- 82
38. 1923 -- May 17, Fire, Cleveland School District, Kershaw County, near Camden, SC -- 77
39. 1811 -- Dec 26, Theatre Fire, Richmond, VA --61-75
40. 1850 -- Feb 04, Boiler Explosion & Fire, Taylor & Co., Hague St., Manhattan, NY⁷⁴⁸ --60-75

⁷³² Cross-listed in Earthquake and in Landslides, in that there were a small number of deaths due to slides.

⁷³³ Cross-listed in Violence-Terrorism section.

⁷³⁴ Cross-listed in Violence-Crushing, Trampling, Suffocation.

⁷³⁵ Cross-listed in Violence-Crushing, Trampling, Suffocation.

⁷³⁶ Cross-listed in Maritime Disasters, Explosions/Fires.

⁷³⁷ Cross-listed in Dam Failures

⁷³⁸ Cross-listed in Violence-Crushing, Trampling, Suffocation.

⁷³⁹ Cross-listed in Structural Failures.

⁷⁴⁰ Cross-listed in Violence-Crushing, Trampling, Suffocation.

⁷⁴¹ Cross-listed in Violence-Crushing, Trampling, Suffocation.

⁷⁴² Cross-listed in Violence and in explosions (almost 40% of 168 victims died from fire and smoke inhalation).

⁷⁴³ Cross-listed in Explosions. At least 32 died in fires in nearby houses.

⁷⁴⁴ Cross-listed in Violence-Crushing, Trampling, Suffocation.

⁷⁴⁵ Cross-listed in Violence-Mass Murder.

⁷⁴⁶ Cross-listed in Violence-Mass Murder.

⁷⁴⁷ Cross-listed in Violence, Government Use of Force

- | | |
|--|---------|
| 41. 1875 -- May 27, Holyoke Catholic Church Fire, Holyoke, MA | -- 75 |
| 42. 1949 -- Apr 4-5, St. Anthony's Hospital Fire, Effingham, IL | -- 74 |
| 43. 1957 -- Feb 17, Katie Jane Nursing Home Fire, Warrington, MO | -- 72 |
| 44. 1936 -- Apr 06, Tornado and Fire, Cooper Pants Factory, Gainesville, GA ⁷⁴⁹ | --40-70 |

FIRE -- Structural -- Master List -- Deadliest American -- By MORTALITY -- (Cont.)

- | | |
|--|---------|
| 45. 1963 -- Nov 23, Golden Age Nursing Home Fire, Fitchville, OH | -- 63 |
| 46. 1946 -- Jun 05, LaSalle Hotel Fire, Chicago, IL | -- 61 |
| 47. 1905 -- Mar 20, Boiler Explos./Fire, Grover & Co. Shoe Factory, Brockton, MA ⁷⁵⁰ | -- 58 |
| 48. 1943 -- Sep 07, The Gulf Motel Fire, Houston, TX | -- 54 |
| 49. 1965 -- Aug 09, Titan II ICBM Silo Fire leading to Suffocation, near Searcy, AR | -- 53 |
| 50. 1918 -- July 02, Semet-Solvay Co. TNT Plant Fire/Explosions, Split Rock, NY ⁷⁵¹ | -- 50 |
| 51. 1960 -- Dec 19, Fire, <i>U.S.S. Constellation</i> , New York Naval Shipyard, NY | -- 50 |
| 52. 1931 -- July 24, Home for the Aged Fire, Pittsburgh, PA | -- 48 |
| 53. 1899 -- Mar 17, Fire, Windsor Hotel, Fifth Avenue, New York, NY | -- 45 |
| 54. 1850 -- July 09, Fire/Conflagration, Old City Philadelphia, PA | -- 44 |
| 55. 1894 -- Dec 24, Fire, Chrisman Bros. Hall, Silver Lake, Lake County, OR | -- 43 |
| 56. 1977 -- June 26, Arson Fire, Maury County Jail, Columbia, TN ⁷⁵² | -- 42 |
| 57. 1872 -- Nov 9-10, Conflagration ("Great Boston Fire of 1872"), Boston, MA | --25-41 |
| 58. 1893 -- Feb 09, Fire, Strafford County Workhouse, near Dover, NH | -- 41 |
| 59. 1950 -- Jan 07, Mercy Hospital Fire, Davenport, IO | -- 41 |
| 60. 1968 -- Apr 05, Gas and Gunpowder Explosion, Fire, Richmond, IN | -- 41 |
| 61. 1973 -- Feb 10, Fire/Gas Explos./LNG Tank Concrete Roof Falls, Staten Island NY ⁷⁵³ | -- 40 |
| 62. 1918 -- Apr 13, State Hospital for the Insane Fire, Norman, OK | --37-39 |
| 63. 1888 -- Nov 09, Fire, Steam-Gauge and Lantern Works, Rochester, NY | --34-38 |
| 64. 1967 -- July 16, Riot, Fire, Prison Barracks/Camp, Berrydale, FL | --37-38 |
| 65. 1914 -- Mar 08, Fire, wall fall (17 th) Missouri Athletic Club (Lodging), St. Louis, MO ⁷⁵⁴ | -- 37 |
| 66. 1946 -- Dec 12, Fire, vacant Knickerbocker Ice Plant wall falls onto Tenement, NYC | -- 37 |
| 67. 1924 -- Dec 24, Babbs Switch School Fire, Hobart, OK | -- 36 |
| 68. 2016 -- Dec 2, Fire, rave party in warehouse, Fruitvale district, Oakland, CA | -- 36 |
| 69. 1903 -- Nov 21, Railroad Workmen "Shanty" Fire, near Lilly (~Johnstown), PA | --31-35 |
| 70. 1913 -- July 21, Fire, Convict Cage, Oakley Convict Farm, Hinds County, MS | -- 35 |
| 71. 1913 -- July 22, Fire, Binghamton Clothing Company, New York City, NY | -- 35 |
| 72. 1938 -- May 17, Terminal Hotel Fire, Atlanta, GA | -- 35 |
| 73. 1941 -- Aug 18, Fire, NY & Cuba Mail Steam Ship Co. Piers, <i>Panuco</i> , Brooklyn, NY | --34-35 |
| 74. 1953 -- Mar 29, Fire, Littlefield Nursing Home, Largo, FL ⁷⁵⁵ | --33-35 |

⁷⁴⁸ Cross-listed in Explosions.

⁷⁴⁹ Cross-listed in Tornadoes. There were ~203 tornado deaths, including those from this fire. Most probably some of these deaths can be attributed to the destruction of the building. Many, mostly girls and women, had sought safety in the basement, only to be trapped when the building was destroyed and caught fire.

⁷⁵⁰ Cross-listed in Explosions.

⁷⁵¹ Cross-listed in Explosions.

⁷⁵² Cross-listed in Violence-Arson.

⁷⁵³ Cross-listed in Explosions and Structural/Construction. This was an LNG tank which was being cleaned and worked-on. A flash fire called a residual gas explosion which caused the tank concrete cap to fall on workers.

⁷⁵⁴ Thirty fatalities from the March 8th fire and 7 fatalities from the March 17th Missouri Athletic Club wall fall.

75.	1934 -- Dec 11, Kerns Hotel Fire, Grand Avenue, Lansing, MI	-- 34
76.	1884 -- Jan 05, Fire, Immaculate Conception Academy (Convent/School), Belleville, IL	-- 32
77.	1943 -- Jan 31, Fire, Lake Forest Park Sanitarium, ⁷⁵⁶ Lake Forest Park, WA	-- 32
78.	1970 -- Jan 09, Harmer House Convalescent/Nursing Home Fire, Marietta, OH	-- 32
79.	1973 -- June 24, Arson Fire, gay UpStairs Cocktail Lounge, New Orleans, LA ⁷⁵⁷	-- 32
80.	1901 -- Jan 08, Fire/Boiler Explosion, Orphan Asylum, Rochester, NY	-- 31
81.	1981 -- Jan 09, Fire, Beachview Rest Home (Sheltered Care Facility) Keansburg, NJ	-- 31
82.	1845 -- July 19, Fire and Explos., New, Broad, Beaver, Broadway Sts., NYC, NY ⁷⁵⁸	-- 30
83.	1851 -- May 3-4, Conflagration, "Fifth Great Fire," San Francisco, CA	-- ~14~30
84.	1858 -- Feb 20, Fire, Pacific Hotel, St. Louis, MO	--21-30
85.	1880 -- Nov 15, Fire, Minnesota State Asylum for Insane, St. Paul, MN	--24-30
86.	1892 -- Feb 07, Fire, Hotel Royal, Fortieth Street & Sixth Avenue, NYC, NY	--28-30
87.	1916 -- Mar 06, Jail Fire, "El Holocausto," or the "Jail Holocaust," El Paso, TX	--18-30

FIRE – Structural – Master List – Deadliest American – By MORTALITY -- (Cont.)

88.	1955 -- Feb 12, Barton Hotel Fire, Chicago, IL	-- 29
89.	1982 -- Nov 8, Fire (intentionally set by inmate), Harrison County Jail, Biloxi, MS	-- 29
90.	1850 -- Dec 03, Fire, Maine Insane Asylum, Augusta, ME	-- 28
91.	1913 -- Dec 2, Fire, Arcadia Boarding House ("Hotel"/Flop House), Boston, MA	-- 28
92.	1919 -- Nov 22, Stove Explos./Fire/Crushing, Dance Hall/Store, Ville Platte LA ⁷⁵⁹	--25-28
93.	1970 -- Dec 20, Pioneer International Hotel Arson Fire, Tucson, AZ ⁷⁶⁰	-- 28
94.	1857 -- Oct 19, Fire, Brothel, Stores, Warehouses, S. Water Street, Chicago, IL	-- 27
95.	1923 -- Feb 18, Manhattan State Hospital Fire, Ward's Island, NY	-- 27
96.	1841 -- Aug 20, Fire, Gunpowder Explosion, carpenter's shop, Syracuse, NY ⁷⁶¹	-- 26
97.	1916 -- May 10, Explosion, Fire, Trampling, Theater, Wallaceton, VA	--13-26
98.	1980 -- Dec 4, Fire, Conference Ctr. at Stouffer's Inn (possibly arson), ⁷⁶² Harrison, NY	-- 26
99.	1874 -- Sep 19, Fire, Granite Mill (Factory) No. 1, Fall River, MA	--23-25
100.	1884 -- Dec 18, Fire, St. John's Home Catholic Orphan Asylum, Brooklyn, NY	--23-25
101.	1901 -- Oct 25, Fire, Hunt & Wilkinson Co. Furniture Warehouse, Philadelphia PA	--21-25
102.	1903 -- Nov 01, "House of All Nations" Tenement Fire, Eleventh Ave., NYC, NY	-- 25
103.	1910 -- Nov 26, Fire, Asch Factory, Orange & High Sts., Newark, NJ	-- 25
104.	1963 -- Nov 18, Fire (arson?), Surfside Hotel (elderly home), Atlantic City, NJ ⁷⁶³	-- 25
105.	1967 -- Feb 07, Dale's Penthouse Restaurant Fire, Montgomery, AL	-- 25
106.	1973 -- Nov 15, Apartment House Fire, Los Angeles, CA	-- 25
107.	1976 -- Oct 23, Puerto Rican Social Club Fire, Bronx, NY	-- 25
108.	1979 -- April 2, Wayside Inn Boarding Home/Care Facility Fire, Farmington, MO	-- 25

⁷⁵⁵ 32 patients and a nurse died in the fire. A patient on way to a hospital and car driver were killed in an accident.

⁷⁵⁶ For elderly, invalids and persons suffering from mental disabilities. Lake Forest Park is just north of Seattle.

⁷⁵⁷ Cross-listed in Violence-Mass Murder.

⁷⁵⁸ Cross-listed in Explosions.

⁷⁵⁹ Cross-listed in Explosions and in Violence/Trampling.

⁷⁶⁰ Cross-listed in Violence-Mass Murder.

⁷⁶¹ Cross-listed in Explosions.

⁷⁶² A waiter was charged with arson and 26 counts of murder and found guilty by jury; however, the presiding judge overturned the verdict citing insufficient evidence. This act was appealed but upheld by State Supreme Court.

⁷⁶³ Ex-mental patient and arsonist arrested and "confessed," but was not indicted.

109. 1982 -- Sep 04, Arson Fire, Dorothy Mae Apartments/Hotel, Los Angeles, CA⁷⁶⁴ --24-25
 110. 1991 -- Sep 03, Chicken Processing Plant Fire, Hamlet, NC -- 25

FIRE – Structural – Master List – Deadliest American – By MORTALITY -- (Cont.)

111. 1886 -- Dec 28, Fire, Steamer/Boarding House *Bradish Johnson*, Jackson, AL⁷⁶⁵ -- ~24
 112. 1910 -- Dec 22-23, Fire, Nelson-Morris Meatpacking Plant, Stockyards, Chicago, IL-- 24
 113. 1924 -- May 31, Fire, Hope Development School, Playa Del Rey, near Venice CA -- 24
 114. 1958 -- March 19, Fire and Floor Collapse, Monarch Underwear Co., NYC, NY -- 24
 115. 1974 -- Jun 30, Gulliver's Discotheque Fire, Port Chester, NY -- 24
 116. 1976 -- Jan 30, Arson Fire, Wincrest Nursing Home, Chicago, IL -- 24
 117. 1980 -- July 26, Brinley Inn Boarding Home (Mental Impairment) Fire, Bradley Beach, NJ-24
 118. 1822 -- Jan 24, Fire, Philadelphia Orphan Asylum, Schuylkill & Cherry, Philly PA -- 23
 119. 1927 -- Apr 23, Fire/Explosions, Briggs Manufacturing Co., Detroit, MI -- 23
 120. 1947 -- May 14, Minerva Film Co. Fire, Rome, NY -- 23
 121. 1872 -- Dec 10, Fire, Fifth Avenue Hotel, New York, NY -- 22
 122. 1929 -- Sep 20, Study Club Dance Hall Fire, Detroit, MI -- 22
 123. 1934 -- Mar 24, Fire, Federal Transient Bureau Lodging, Lynchburg, VA -- 22
 124. 1944 -- Mar 28, Arson Fire, New Amsterdam Hotel, San Francisco, CA⁷⁶⁶ -- 22
 125. 1955 -- Aug 10, Explosion (sewer gas?) & Fire, Gateway Restaurant, Andover, OH⁷⁶⁷ -- 22
 126. 1963 -- Dec 29, Hotel Roosevelt Fire, Jacksonville, FL -- 22
 127. 1972 -- Sep 24, Plane Crash/Fire, Farrell's Ice Cream Parlor, Sacramento, CA⁷⁶⁸ -- 22
 128. 1864 -- Jun 17, Explosion/fire, Washington Arsenal, Greenleaf Pt.,⁷⁶⁹ District of Col.⁷⁷⁰-21
 129. 1877 -- Apr 11, Fire, Southern Hotel, St. Louis, MO --16-21
 130. 1910 -- Oct 1, Los Angeles Trade Unionist Dynamiting and Fire, *LA Times*, CA -- 21
 131. 1915 -- Oct 28, Fire, Trampling, St. John's Parochial School, Peabody, MA⁷⁷¹ -- 21
 132. 1928 -- Nov 08, Explosion, Fire, Preble Box Toe Co. Plant and house, Lynn, MA⁷⁷²--20-21
 133. 1945 -- Dec 24, Fire, Niles Street Convalescent Hospital, Hartford, CT -- 21
 134. 1951 -- Jan 30, Convalescent Home Fire, Hoquiam, WA -- 21
 135. 1959 -- Mar 5, Fire, Negro Boys Industrial School Reformatory Dorm, Wrightsville AR-21
 136. 1965 -- Nov 24, Natural Gas explosion/fire, Nat. Guard Armory dance, Keokuk, IA⁷⁷³-- 21
 137. 1979 -- Jan 20, Arson Fire, Tenement, Clinton Street, Hoboken, NJ⁷⁷⁴ -- 21
 138. 1849 -- May 17, Fire, 27 Boats, much of Wharf & Business District, St. Louis, MO -- 3-20
 139. 1860 -- Feb 2, Tenement Building Fire, 142 Elm Street, East Manhattan, NY, NY --10-20
 140. 1865 -- Feb 08, Conflagration Fire, Philadelphia, PA -- 20

⁷⁶⁴ Cross-listed in Violence-Mass Murder.

⁷⁶⁵ Cross-listed in Maritime.

⁷⁶⁶ Cross-listed in Violence subset Arson.

⁷⁶⁷ Cross-listed in Explosions.

⁷⁶⁸ Cross-listed in Aviation.

⁷⁶⁹ Now part of Fort McNair between the Washington Channel to the west and the Anacostia River to the southeast.

⁷⁷⁰ Cross-listed in "Explosions."

⁷⁷¹ Cross-listed in Violence subsection: Crushing, Trampling, Suffocation. Most of the girls died at the door block.

⁷⁷² Cross-listed in Explosions. Besides deaths in the factory, seven people in adjoining house-fire died.

⁷⁷³ Cross-listed in Explosions. Seven died the night of the explosion and fire. The others died from burn injuries in hospitals over next several weeks.

⁷⁷⁴ Cross-listed in Violence-Arson, Manslaughter, Homicide.

FIRE – Structural – Master List – Deadliest American – By MORTALITY -- (Cont.)

141. 1885 -- Feb 12, Arson Fire, Dept. for Insane, Blockley Almshouse, Philly, PA⁷⁷⁵ --19-20
 142. 1888 -- Aug 03, Fire, Tenement House, 197 Bowery, NY, NY --17-20
 143. 1898 -- Feb 9, Fire & Explosions, Chautauqua Lake Ice Co. Bldg., Pittsburgh, PA⁷⁷⁶ -14-20
 144. 1902 -- Feb 22, Fire, Park Avenue Hotel, New York City, NY -- 20
 145. 1905 -- Mar 14, Fire, Tenement, Allen St., New York City, NY -- 20
 146. 1907 -- July 28, Fire, Tenement House, 222 Chrystie Street, East Side, NYC, NY --19-20
 147. 1913 -- Feb 28, Dewey Hotel Fire and possible gas explosion, Omaha, NE -- 5-20
 148. 1943 -- Feb 18, Boeing XB-29 Crash into Frye Packing Plant, Fire, Seattle, WA⁷⁷⁷ -- ~20
 149. 1952 -- Oct 31, Nursing Home Fire, Hillsboro, MO -- 20
 150. 1961 -- Jan 6, Thomas Hotel Fire, San Francisco, CA -- 20
 151. 1964 -- Dec 18, Maples (McGraw) Convalescent Home Fire, Fountaintown, IN -- 20
 152. 1970 -- Mar 20, Arson Fire, Ozark Hotel (“flophouse”), Seattle, WA⁷⁷⁸ -- 20
 153. 1976 -- Jan 10, Pathfinder (residential) Hotel Natural Gas Explos./Fire, Fremont, NE⁷⁷⁹ --20
 154. 1978 -- Jan 28, Coates House Hotel Fire, Kansas City, MO -- 20
 155. 1993 -- Mar 16, Fire, Paxton Hotel, Chicago, IL -- 20
156. 1892 -- Jan 21, Fire, Surgical Institute, Illinois and Georgia streets, Indianapolis, IN -- 19
 157. 1893 -- July 10, Fire, Columbia Exposition Cold Storage Warehouse, Chicago, IL --17-19
 158. 1908 -- Apr 12, The Great Chelsea Fire/Conflagration of 1908, Chelsea, MA --15-19
 159. 1940 -- Jan 03, Fire, Marlborough (Apartment) Hotel, Minneapolis, MN -- 19
 160. 1943 -- Dec 24, Fire, Standard Hotel, West 42nd Street between 9th and 10th, NYC, NY-- 19
 161. 1945 -- Feb 17, Fire, Maefair Apartments, Tacoma, WA -- 19
 162. 1946 -- Jun 09, Canfield Hotel Fire, Dubuque, IA -- 19
 163. 1956 -- July 29, Fire/Explosion, McKee tank farm, Shamrock Oil & Gas, Dumas, TX⁷⁸⁰ -19
 164. 1970 -- Sep 13, Ponet Square Hotel Fire, Los Angeles, CA -- 19
 165. 1981 -- March 14, Royal Beach (Residential) Hotel Fire, Chicago, IL -- 19
166. 1876 -- March 7, Fire, Home for the Aged, East Brooklyn, NY -- 18
 167. 1885 -- Jan 18, Fire, Illinois Eastern Hospital for Insane, Kankakee, IL -- 18
 168. 1885 -- May 21, Stove Explodes, Fire, Sullivan’s Printing Bldg., Cincinnati, OH -- 18
 169. 1888 -- Aug 22, Fire & Bleach Explosion, G. Whiting Paper Mill, Neenah, WI⁷⁸¹ -- 18
 170. 1951 -- Sep 17, Shell Refinery cracking unit Explos./Fire, Roxana, Wood River, IL⁷⁸² -- 18
 171. 1953 -- Sep 07, Fire, Spector Realty Co. Tenement building, State St., Chicago, IL -- 18
 172. 1957 -- Nov 16, Fire, Tenement (ex-Moonglow Hotel), Allen Ave., Niagara Falls, NY-- 18

⁷⁷⁵ Cross-listed in Violence-Arson, Manslaughter, Homicide.

⁷⁷⁶ Cross-listed in Explosions. It is not clear whether the fire or the first explosion came first. Most of the fatalities were explosion-related – walls falling and building components failing.

⁷⁷⁷ The number twenty is an approximation in that it is not known how many Frye employees were killed directly by the crash and how many died in the resulting large fire. There were 32-34 fatalities in all (though one source has 41), of which 10 were onboard the XB-29. Cross-listed in Aviation.

⁷⁷⁸ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁷⁷⁹ Cross-listed in Explosions.

⁷⁸⁰ Cross-listed in Explosions. A fire was precipitating event – all deaths were due to the explosion.

⁷⁸¹ Cross-listed in Explosions (the cause of most, if not all, of the deaths).

⁷⁸² Cross-listed in Explosions.

FIRE – Structural – Master List – Deadliest American -- By MORTALITY -- (Cont.)

173.	1881 -- Feb 27, Fire, St. Patrick's Orphanage, Scranton, PA	-- 17
174.	1881 -- Dec 10, Lamp Fire, Boarding House, Rock Cut, ~Pittsburgh, PA	--16-17
175.	1899 -- Feb 12, Fire, State Insane Asylum, near Yankton, SD	-- 17
176.	1945 -- Jan 31, Fire, Lacoste Babies' Boarding Home & Nursery, Auburn, ME	-- 17
177.	1952 -- Nov 26, Fire, Female Ward, Huntington State Mental Hosp., Huntington, WV--	17
178.	1957 -- Feb 13, Fire, Council Bluffs Convalescent Home, Council Bluffs, IA	--16-17
179.	1964 -- May 23, Samoan Fire-Dance Fire, All Hallows Parish Hall, San Fran., CA	-- 17
180.	1984 -- July 24, Union Oil Co. Refinery Explosions and Fire, Romeoville, IL ⁷⁸³	-- 17
181.	1878 -- Apr 7, Fire, Steuben County House (poor house/insane asylum), Bath, NY	--15-16
182.	1883 -- Aug 23, George-Whiting Paper Mill Fire/Explosion, Menasha, WI	-- 16
183.	1895 -- Dec 31, Fire, Delavan House (Hotel), Albany NY	-- 16
184.	1898 -- Mar 16, Fire/Explo., Ayer Bldg. (Mercantile), Wabash Ave., Chicago, IL	-- 16
185.	1900 -- Mar 12, Arson Fire (charged), Italian Tenement Building, Newark, NJ ⁷⁸⁴	-- 16
186.	1919 -- May 19, Mental Asylum Fire in Columbia, SC	-- 16
187.	1921 -- Sep 14, Explosion/Fire, Atlantic Refining Co., Point Breeze, Philadelphia, PA ⁷⁸⁵	16
188.	1936 -- Feb 12, Fire, Victoria Mansion Hotel, Lexington & Seventh, Lakewood, NJ	-- 16
189.	1959 -- Jan 08, Home Wood Stove Fire (15 children and woman), Boswell, OK	-- 16
190.	1961 -- Dec 8, Fire, Hartford Hospital, Hartford, CT	-- 16
191.	1977 -- Jan 28, Stratford Hotel Fire, Breckenridge, MN	-- 16
192.	1989 -- Dec 24, John Seiver Elderly Residence Fire, Johnson City, TN	-- 16
193.	2003 -- Feb 26, Fire (set by patient), Greenwood Nursing Home, Hartford, CT	-- 16
194.	2003 -- Sep 25, Fire, National Healthcare Center Nursing Home, Nashville, TN	-- 16
195.	1860 -- Sep 21, Building falls during fire and explosion (alcohol), New Orleans, LA ⁷⁸⁶	-- 15
196.	1867 -- Jun 19, Fox's American Theater Fire, Philadelphia, PA	--10-15
197.	1881 -- Jan 07, Fire, Strafford County Farm [for paupers], near Dover, NH	--13-15
198.	1883 -- Apr 07, Structural Failure and Fire, Ende Hotel, Greenville, TX ⁷⁸⁷	--13-15
199.	1884 -- Apr 30, Fire, Van Buren County, MI Poorhouse, near Harford, MI	--13-15
200.	1887 -- Mar 18, Fire, Richmond Hotel (Young Men's Assn.), Buffalo, NY	-- 15
201.	1903 -- Dec 18, Fire, Women's Dormitory Walden University, Nashville, TN	-- 9-15
202.	1904 -- June 04, Corning Distillery Fire, Explosions, Building Collapse, Peoria, IL	-- 15
203.	1904 -- Sep 04, Fire, 5-Story Tenement, Attorney St., New York City, NY	-- 15
204.	1906 -- Oct 25, Fire, Chamber of Commerce Building, Kansas City, KS	-- 15
205.	1922 -- Oct 22, Fire, Apartment House, Lexington Avenue, NY, NY	-- 15
206.	1945 -- Aug 13, Fire, Export Box & Sealer Co. Packing Plant, Grand Ave., Detroit, MI--	15
207.	1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV ⁷⁸⁸	--15

⁷⁸³ Cross-listed in Explosions, because fires were started by explosions.

⁷⁸⁴ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁷⁸⁵ Cross-listed in Explosions.

⁷⁸⁶ Cross-listed in Explosions (the explosion caused the building to fall, which was the cause of deaths).

⁷⁸⁷ Cross listed in Structural Failures.

⁷⁸⁸ Cross-listed in Explosions (gas can deliberately thrown into fire from kicked-over stove), and in Violence.

208.	1950 -- Mar 08, Fire, prisoner jail, Sandia Secret Weapons Base, Albuquerque, NM	--	15
209.	1954 -- Mar 31, Fire, Cleveland Hill Elementary School, Cheektowaga, NY	--	15
210.	1957 -- Jan 24, M. Baer Dress Co. Factory Fire, New Haven, CT	--	15
211.	1971 -- Oct 19, Fire, Geiger Nursing Home, TX Township, Honesdale, PA	--	15
212.	1973 -- Dec 04, Caley Nursing and Rehabilitation Center Fire, Wayne, PA	--	15
213.	1978 -- Dec 09, Mental Hospital Fire, Ellisville, MS	--	15
214.	1984 -- July 4, Arson Fire, Elliott Chambers Rooming Home, Beverly, MA ⁷⁸⁹	--	15
215.	1984 -- Oct 18, Arson Fire, Alexander Hamilton residential Hotel, Paterson, NJ ⁷⁹⁰	--	15

FIRE -- Structural -- By MORTALITY -- Cont.

216.	1890 -- Feb 02, Shop and Tenement Fire, North Street, Boston, MA	--	12-14
217.	1892 -- Apr 27, Fire, Gilmore's Central Theater, Philadelphia, PA	--	14
218.	1900 -- Jul 3, Arson Fire (alleged), Tenement, Adams and First Sts., Hoboken NJ ⁷⁹¹	--	13-14
219.	1902 -- Dec 04, Fire, Lincoln Hotel, Madison Street, Chicago, IL	--	14
220.	1910 -- Dec 21, Fire, Friedlander Leather Remnants Factory, Philadelphia, PA	--	14
221.	1915 -- Oct 25, Fire, Union Paper Box Company, Pittsburgh, PA	--	14
222.	1917 -- Feb 02, Gas Explosion/Fire, Tenement Buildings, Chicago, IL ⁷⁹²	--	14
223.	1920 -- Sep 06, Fire, Houston Hotel, Klamath Falls, OR	--	10-14
224.	1924 -- Feb 19, Fire, Tenement House, Madison St., New York, NY	--	14
225.	1926 -- July 14, Fire, Twilight Inn, Haines Falls, NY	--	14
226.	1928 -- Feb 10, Vaporizer explos./fire, Beacon Oil Co. Refining Plant, Everett, MA ⁷⁹³	--	14
227.	1945 -- Jan 16, Fire, General Clark Hotel/Boarding House, N. Clark St., Chicago, IL	--	14
228.	1946 -- Feb 02, Explosion/Fire, Jennings Hall Home for Aged, Garfield Heights, OH	--	14
229.	1966 -- Sep 12, Lane Hotel arson fire, Anchorage, AK ⁷⁹⁴	--	14
230.	1975 -- Dec 12, Fire, Apartment Building, San Francisco, CA	--	14
231.	1979 -- Nov 11, Coats Boarding/Nursing House Fire, Pioneer, OH	--	14
232.	1982 -- July 5, Arson Fire, Apartment Building, Waterbury, CT ⁷⁹⁵	--	14
233.	1833 -- Oct 04, Fire, Eagle Woolen Mills, Allegheny, PA	--	13
234.	1866 -- Jan, Fire Jail and City Guard House, Marietta, GA	--	13
235.	1871 -- Sep 15, Restaurant Fire, Conflagration, Powder Explosion, Pioche, NV	--	13
236.	1877 -- Jun 08, Fire, Wall Failure, Sanford & Son's Hat Factory, Bridgeport, CT	--	11-13
237.	1880 -- Dec 17, Fire, M.H. Birge & Co.'s "Manufactory," Buffalo, NY	--	13
238.	1890 -- Mar 17, Fire/Bldg. Collapse on firemen, Bowen-Merrill Co., Indianapolis, IN	--	13
239.	1890 -- May 07, Fire, Chenango Co. Poorhouse & Asylum, Preston, NY	--	13
240.	1901 -- Aug 14, Waterworks Crib Fire, two miles off Cleveland Harbor, OH ⁷⁹⁶	--	12-13
241.	1902 -- June 09, Fire, St. Luke's Society Sanitarium, Wabash / 21 st , Chicago, IL	--	12-13
242.	1921 -- Jan 30, Fire (cigarette), Colonial Hotel, Newark Street, Hoboken, NJ	--	13

⁷⁸⁹ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁷⁹⁰ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁷⁹¹ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁷⁹² Cross-listed in Explosions.

⁷⁹³ Cross-listed in Explosions. Most deaths were from the vaporizer explosion and a few from the resulting fire.

⁷⁹⁴ Cross-listed in Violence-Arson.

⁷⁹⁵ Cross-listed in Violence-Arson.

⁷⁹⁶ Cross listed in Mines Tunnels and Quarries.

243. 1923 -- Feb 23, Fire, Garage and Apartments, Hatley Building, Kansas City, KS -- 13
 244. 1926 -- Jan 23, Fire, Lafayette Hotel, North Seventh Street, Allentown, PA -- 13
 245. 1932 -- Jun 7, Explos./Arson/Mass Murder, Ellington Apartments, Cleveland, OH⁷⁹⁷-- 13
 246. 1941 -- Feb 7, Fire, Salvation Army Homeless Shelter/Lodging, Akard St., Dallas, TX-- 13
 247. 1941 -- Mar 10, Strand Theater Fire & Roof Collapse, Brockton, MA -- 13
 248. 1942 -- Jan 20, Fire, Melvin Hall Apartments, Lynn, MA -- 13
 249. 1953 -- Mar 11, Fire, fermentation bldg. under construct., Anheuser-Busch, Newark NJ--13
 250. 1954 -- Dec 24, Explos./fire, kerosene thrown in stove, tenant farmhouse ~Parkin, AR⁷⁹⁸ 13
 251. 1963 -- Dec 25, Oil Heater explodes/house burns (Johnson children), Charleston, SC-- 13
 252. 1965 -- Dec 11, Arson Fire/Mass Murder, Seeley Club (Tavern), Chicago, IL⁷⁹⁹ -- 13
 253. 1968 -- Jan 09, Fire, Paper Box Factory and Tenement/Apt. House, Brooklyn, NY -- 13
 254. 1968 -- Aug 31, In-Crowd Lounge/Apartment Fire (possibly Arson), Gary, IN -- 13
 255. 1979 -- Oct 19, Typhoon/fuel bladder ruptures/barracks fire, USMC Camp Fuji, Japan-- 13
 256. 1982 -- April 30, Arson Fire, Pinter (residential) Hotel, 14th Street, Hoboken, NJ⁸⁰⁰ -- 13

FIRE – Structural – **By MORTALITY** -- (Cont.)

257. 1857 -- Apr 14, Fire, Warehouse wall/floor collapse, Charles Street, Baltimore, MD-- 12
 258. 1870 -- Dec 25, Fire, Spotswood Hotel, Richmond, VA -- 9-12
 259. 1881 -- Oct 12, Fire, Randolph Cotton and Woolen Mill, Randolph St., Philly, PA -- 9-12
 260. 1882 -- Jan 31, Fire, World Building (Com.), Park Row and Beekman St., NYC, NY-- 12
 261. 1887 -- Mar 24, Fire, Colby Iron Mine Boarding House, Bessemer, MI -- 12
 262. 1891 -- Dec 09, Fires, Bamberger & Candy/Fireworks bldgs., Main St., Louisville, KY--12
 263. 1896 -- Sep 05, Fire, Yore's Opera House, Benton Harbor, MI -- 12
 264. 1902 -- Oct 21, Fire, Glucose Sugar Refinery, glucose tank explosion, Chicago, IL --11-12
 265. 1904 -- Nov 20, Fire, Tenement House, Troutman Street, Brooklyn, NY -- 12
 266. 1905 -- Sep 17, Fuse Factory Explosion & Fire, Avon, CT -- 9-12
 267. 1908 -- May 03, Fire, Aveline Hotel, Fort Wayne, IN -- 12
 268. 1909 -- Nov 08, Explosion, Fire, Robert Morrison Comb Factory, Brooklyn NY⁸⁰¹ --10-12
 269. 1910 -- Mar 25, Fire, L. Fish & Co. Furniture Store, Wabash Ave., Chicago, IL -- 12
 270. 1915 -- Nov 06, Fire, Essex Waist Co., Diamond Factory, Brooklyn, NY -- 12
 271. 1919 -- Jan 07, Explosion and Fire, Film Exchange, Penn Ave., Pittsburgh, PA⁸⁰² --10-12
 272. 1921 -- Nov 14, Fire, Tenement House, 108 West 17th St., NYC, NY --10-12
 273. 1922 -- Feb 07, Fire, Lexington Hotel, Richmond, VA -- 12
 274. 1923 -- Apr 27, Fire, Tenement Building, East 109th Street, NYC, NY -- 12
 275. 1926 -- Feb 22, Fire, Schindler's Prairie House (Hotel), Hurleyville, NY --11-12
 276. 1941 -- Oct 28, Home Fire, Montclair, NJ -- 12
 277. 1945 -- May 07, Fire, Victory House (war workers lodging), Mobile, AL -- 12
 278. 1947 -- Apr 02, Explosion and fire, Lawrence Brown Fireworks Plant, Clinton, MO⁸⁰³-- 12
 279. 1955 -- Feb 01, Oil Stove Fire (11 children), Tenement, Schuyler St., Amsterdam, NY-- 12

⁷⁹⁷ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁷⁹⁸ Cross-listed in Explosions. The deaths were caused by burning fuel thrown onto the victims.

⁷⁹⁹ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸⁰⁰ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸⁰¹ Not cross-listed in Explosions in that it appears that all the fatalities were fire-related.

⁸⁰² Cross-listed in Explosions.

⁸⁰³ Cross-listed in Explosions.

280.	1956 -- July 30, Reagan Nursing Home Fire, Puxico, MO	-- 12
281.	1957 -- Dec 5, Natural gas explosion/fire, five downtown businesses, Villa Rica, GA ⁸⁰⁴	--12
282.	1961 -- Mar 28, Residential fire (lightning?), Alex Whitehead home, Dotsonville, TN ⁸⁰⁵	--12
283.	1965 -- Dec 20, Arson Fire, Jewish Community Center, Yonkers, NY ⁸⁰⁶	-- 12
284.	1966 -- Jan 06, Fire, Hotel Carlton (and Apartments), St. Paul, MN ⁸⁰⁷	--11-12
285.	1966 -- Oct 17, Mercantile Building Fire, New York City, NY	-- 12
286.	1968 -- Feb 16, Arson Fire, Randolph Tavern, 107 W. Reed St., Moberly, MO ⁸⁰⁸	-- 12
287.	1969 -- Jun 03, Fire, Apartment House, Kansas City, MO	-- 12
288.	1969 -- June 8, Arson (Patricide), Bailey Family Home Fire, Parkersburg, WV ⁸⁰⁹	-- 12
289.	1970 -- Aug 05, Fire, Pensioner Rooming House, E. Hennepin, Minneapolis, MN	--11-12
290.	1971 -- Apr 25, Fire, Seventh Avenue Apartments Building, Seattle, WA	-- 12
291.	1972 -- Jan 16, Pennsylvania House Hotel Fire, Tyrone, PA	-- 12
292.	1974 -- Aug 25, Washington House Hotel Fire, Berkeley Springs, WV	-- 12
293.	1975 -- July 07, Arson Fire, Pomona Hotel, Portland, OR ⁸¹⁰	-- 12
294.	1976 -- Dec 22, Fire, Department Store, Fulton St., Brooklyn, NY	-- 12
295.	1976 -- Dec 23, Fire, Apartment House, Chicago, IL	-- 12
296.	1978 -- Nov 05, Arson Fire, Allen Motor Inn, Honesdale, Wayne County, PA ⁸¹¹	-- 12
297.	1978 -- Dec 07, Fire, Tenement House, Newark, NJ	-- 12
298.	1980 -- Dec 18, Fire, Avalon Apartment Building, Salt Lake City, UT	-- 12
299.	1982 -- Mar 07, Westchase Hilton Hotel Fire, Houston, TX	-- 12
300.	1987 -- Sep 30, Residence Fire, Milwaukee, WI	-- 12
301.	1989 -- Oct 05, Fire, Hillhaven Rehabilitation and Convalescent Center, Norfolk VA--	12
302.	2000 -- Aug 19, El Paso Natural Gas Pipeline Rupture and Fire, Carlsbad, NM ⁸¹²	-- 12
303.	2006 -- Oct 31, Arson, Mizpah Hotel, North Lake St., Reno, NV ⁸¹³	-- 12
304.	2017 -- Dec 28, Fire, boy, 3, playing with stove, apartment bldg., Belmont/Bronx, NY--	12

FIRE – Structural – **By MORTALITY** -- (Cont.)

305.	1854 -- Apr 25, Arson, Jennings Building (all firemen), Broadway, NY, NY ⁸¹⁴	-- 11
306.	1867 -- Jun 18, Fire, Saloon, near Rock Island Railroad Depot, Chicago, IL	--10-11
307.	1883 -- Mar 10, Fire, Boarding House, Brownsville, ND	-- 11
308.	1887 -- July 9, Alcazar Theater Fire and town Conflagration, Hurley, WI	--10-11
309.	1888 -- June 04, Fire, Mundine Hotel, Rockdale, TX	-- 11
310.	1891 -- March 13, Fire, Central Tennessee Insane Asylum, near Nashville, TN	--10-11
311.	1898 -- Mar 13, Fire, Bowery Mission and Young Men’s Home, NYC, NY	-- 11

⁸⁰⁴ Cross-listed in Explosions – there were fatalities from the explosion and from the resulting fire.

⁸⁰⁵ Cross-listed in Lightning.

⁸⁰⁶ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸⁰⁷ The largest loss of life reported by a newspaper we have seen is 11. The NFPA reports 11 in one source and 12 in another. Neale Ward reports 12 in *Firehouse*. It is unclear to me whether the loss of life was 11 or 12.

⁸⁰⁸ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸⁰⁹ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸¹⁰ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸¹¹ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸¹² Cross-listed in Structural Failures and in Explosions. Technically perhaps not a “structural” fire.

⁸¹³ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸¹⁴ Cross-listed in Violence-Arson, Manslaughter/Homicide.

312.	1900 -- June 15, Tenement Fire, 34 Jackson Street, NYC, NY	-- 11
313.	1902 -- Jan 29, Italian Tenement Fire, Fleet Street, North End, Boston, MA	--10-11
314.	1902 -- Feb 09, Fire, Empire Hotel lodging house, Olive Street, St. Louis, MO	-- 11
315.	1906 -- Jan 10, West Hotel Fire, Minneapolis, MN	-- 11
316.	1907 -- Sep 05, Fire, Webb Hotel, Shelton, WA	--10-11
317.	1909 -- Oct 30, Fire, St. Johnsbury, VT	--10-11
318.	1918 -- Sep 17, Fire, American Button Company Plant, Newark, NJ	-- 11
319.	1924 -- Feb 15, Fire, Lawrence Building, Main Street, Montpelier VT	-- 11
320.	1928 -- Apr 20, Fire, Alexander Industries Plane Plant, Englewood, CO	-- 11
321.	1931 -- Mar 17, Fire, Stockade, County Jail, Kenansville, NC	-- 11
322.	1946 -- Jan 27, Fire, Apartment Building/Rooming House, Kansas City, MO	-- 11
323.	1947 -- July 29, Butane Gas Explos./fire, Pauline's Beauty School, Harrisonburg, VA ⁸¹⁵	-11
324.	1948 -- Feb 13, Fire, Apartment Building, Hoage family, Cedar Street, Utica, NY	-- 11
325.	1949 -- Mar 3, Kerosene Explosion and Fire, Residential, Lakewood, MI	-- 11
326.	1956 -- Jan 29, MD Oyster Roast Fire, Arundel Park Hall, Brooklyn MD	-- 11
327.	1959 -- Feb 14, Fire (from gas explosion), Apartment Building, Ashland, KY	-- 11
328.	1959 -- Mar 15, Fire, Farm House (10 children and farmer), Cross Hill, SC	-- 11
329.	1964 -- Feb 22, House Fire (Moses James family, 9 children), near Society Hill, SC	-- 11
330.	1964 -- Nov 04, Fire, Dorchester Manor Apartment Hotel, Chicago, IL	-- 11
331.	1966 -- Jan 28, Paramount Hotel Fire, Boston, MA	-- 11
332.	1968 -- Feb 11, Fire, Dwelling, Franklin, PA	-- 11
333.	1968 -- July 18, Fire, Dwelling (9 children, 2 adults), St. Albans sec., Queens, NY	-- 11
334.	1969 -- Feb 25, Fire, Rosen Architectural Office, Fifth Ave., Manhattan, NYC, NY	-- 11
335.	1969 -- Apr 06, Fire, Wood-Frame Tenement/Apartment House, Bridgeport, CT	-- 11
336.	1973 -- Sep 13, Fire, Washington Hill Nursing Home, Philadelphia, PA	-- 11
337.	1973 -- Sep 29, Arson Fire, Tenement, Eleventh & Willow, Hoboken, NJ ⁸¹⁶	-- 11
338.	1975 -- June 9, Mattress set on Fire, spreads, Seminole County Jail, Sanford, FL	-- 11
339.	1979 -- Dec 27, Fire, Lancaster County Jail, Lancaster, SC	-- 11
340.	1980 -- July 24, Explosion/Fire, Vogue Metal Crafts Co./Metgal Mfg., Queens NY ⁸¹⁷	-- 11
341.	1981 -- Jan 11, Single Family Home Fire, East St. Louis, IL	-- 11
342.	1981 -- Oct 24, Arson Fire, Apartment Bldg., 12 th and Washington, Hoboken, NJ ⁸¹⁸	-- 11
343.	1985 -- May 13, Philadelphia Police Bomb MOVE, Rowhouse Fire, PA ⁸¹⁹	-- 11
344.	1998 -- March 22, Fire, Mt. Cabin, Spring Break Youth, Madisonburg Mt. ~Madisonburg, PA--	11
345.	2001 -- Jan 03, Single Family Dwelling Fire, Oak Orchard, Sussex Ct., DE	-- 11
346.	2005 -- Mar 10, Townhouse Mattress Fire, Marrero, LA	-- 11
347.	2006 -- Nov 27, Fire, Anderson Guest House (elderly/mentally-impaired), Anderson, MO--	11

FIRE – Structural – **By MORTALITY** -- (Cont.)

348.	1860 -- Mar 28, Fire, 40 th Street Tenement House, NYC, NY	-- 10
349.	1865 -- Jun 9, Ordnance Building Explosion/Fire, Train sparks, Chattanooga, TN ⁸²⁰	-- ~10

⁸¹⁵ Cross-listed in Explosions – most, if not all, deaths were caused by the explosion and building destruction.

⁸¹⁶ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸¹⁷ Cross-listed in Explosions.

⁸¹⁸ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸¹⁹ Cross-listed in Violence-Governmental Use of Force.

350.	1877 -- Dec 20, Fire, Greenfield Candy Works, Barclay St., NY, NY	--	10
351.	1892 -- Oct 28, Conflagration, Milwaukee, WI	--	10
352.	1898 -- Feb 26, Fire/Explosions, walls fall, Hall Brothers Chem., Kalamazoo, MI ⁸²¹	--	10
353.	1900 -- Oct 29, Fire and Explosions, Tarrant & Co. Drug Warehouse, NYC, NY ⁸²²	-- ⁷	10
354.	1901 -- Nov 06, Fire, Klondyke Theater, Harley, WI	--	10
355.	1905 -- Jan 03, Entire Noweski Family Killed, Fire, Morris Run, PA	--	10
356.	1909 -- Mar 03, Fire, Tenement Building, 374 Seventh Avenue, NYC, NY	--	10
357.	1916 -- Oct 05, Fire, Christian Brothers College, St. Louis, MO	--	10
358.	1919 -- Feb 06, Fire, Tokyo Rooming House, South Weller St., Seattle, WA	--	10
359.	1923 -- Jun 21, Fire, Tenement Building, Federal Street, Chicago, IL	--	10
360.	1929 -- Oct 17, Fire, Portland Hotel, First Avenue, Seattle, WA	--	10
361.	1929 -- Dec 10, Fire (lamp), Pathe Film Studio, Manhattan, NYC, NY	--	10
362.	1933 -- Jun 09, Fire, Atlantic Pyroxylin Waste Co., North Arlington, NJ	--	10
363.	1934 -- Feb 20, Fire, Penn. Mem. Home/Hosp. (Civil War veterans widows), Brookville, PA	--	10
364.	1935 -- Sep 29, Arson, Tenement, Chicago, IL ⁸²³	--	10
365.	1940 -- July 30, Explosions/Conflagration, R. M. Hollingshead Plant, Camden, NJ ⁸²⁴	--	10
366.	1941 -- Feb 05, Fire, New Haven Quilt and Pad Company, New Haven, CT	--	10
367.	1946 -- Jan 28, Gasoline fumes ignite, fire, Tinker Field Hangar ~Oklahoma City, OK	--	10
368.	1950 -- Dec 22, Fire, Walker Convalescent Home (for Elderly), near Amarillo, TX	--	10
369.	1954 -- Oct 28, Fire/Chem. Tank Explos., Charles W. Berg Labs, Philadelphia, PA	--	10
370.	1956 -- Dec 03, Luckenbach Steamship Pier Fire, Detonators Explode, Brooklyn, NY ⁸²⁵	--	10
371.	1958 -- Apr 05, Home Fire, Porter Township, near Jersey Shore and Williamsport, PA	--	10
372.	1962 -- Jan 15, Fire, Paladino home, Catholic Point community ~Center Ridge, AR	--	10
373.	1963 -- Feb 21, Farm/tenant home Fire, near Luxora, AR	--	10
374.	1963 -- Feb 23, Home Fire (Paul Saville family--wife, 8 children), Morehouse, MO	--	10
375.	1964 -- Sep 12, Farm House Fire (Bowdish/McConnell children), Kasota, MN	--	10
376.	1966 -- Feb 5-6, Kerosene Heater Explodes, Fire, Rooming House, Miami, FL	--	10
377.	1969 -- Apr 5, kerosene explosion/Fire, house, Oakwood Bayou community ~Dumas, AR	--	10
378.	1969 -- July 10, Fire, Farm Dwelling (laundry room), Posen, Presque Isle County, MI	--	10
379.	1969 -- Dec 18, Fire, Tenement, Brooklyn, NY	--	10
380.	1971 -- Jan 14, Westminster Terrace Nursing Home Fire, Buechel KY	--	10
381.	1972 -- Jan 26, Fire, Green Nursing Home, Lincoln Heights, OH	--	10
382.	1972 -- Apr 04, Fire, Fair Hills Nursing/Boarding Home, Rosecrans, WI	--	10
383.	1972 -- May 05, Fire, Carver Nursing Home, Springfield, IL	--	10
384.	1972 -- Nov 30, Baptist Towers Senior Citizens Home Fire, Atlanta, GA	--	10
385.	1973 -- Jan 29, Arson Fire, Street's Sheltered Care Rest Home, Pleasantville, NJ ⁸²⁶	--	10
386.	1973 -- July 11, Fire, Apartment Bldg./Rooming House, Main St., Worcester, MA	--	10
387.	1976 -- Feb 04, Fire, Tenement House, New York, New York	--	10
388.	1976 -- Dec 20, Fire, Apartment House, MacArthur Park, LA, CA	--	10
389.	1977 -- Dec 10, Fire, Wenonah Park Building Apartments, Bay City, MI	--	10

⁸²⁰ Cross-listed in Explosions.

⁸²¹ Cross-listed in Explosions -- all deaths were result of building failure following explosions, preceded by fire.

⁸²² Cross-listed in Fire in that a fire of undetermined source led to a series of explosions (which caused the fatalities).

⁸²³ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸²⁴ Cross-listed in Explosions -- a series of explosions started the fires which became a conflagration.

⁸²⁵ Cross-listed in Explosions. Fire was the precipitating event. All deaths, though, were due to the explosion.

⁸²⁶ Cross-listed in Violence-Arson, Manslaughter/Homicide.

390.	1977 -- Dec 13, Fire, Providence College Women's Dormitory, Providence, RI	--	10
391.	1978 -- Nov 05, Younkers Dept. Store Fire, Des Moines, IA	--	10
392.	1978 -- Nov 26, Fire, Holiday Inn, Greece, NY	--	10
393.	1979 -- April 1, Fire, Marietta Manor private care home for elderly, Connellsville, PA	--	10
394.	1979 -- Apr 11, Fire, Halfway House (Mental Impairment), Lamont Street, Wash. DC	--	10
395.	1979 -- July 31, Arson Fire/smoke inhalation deaths, Holiday Inn, Cambridge, OH ⁸²⁷	--	10
396.	1982 -- May 14, Row House Fire, Baltimore, MD	--	10
397.	1984 -- Feb 8, Family Row-House Fire, Philadelphia (Kensington section), PA	--	10
398.	1985 -- July 23, Fire, Elderly Boarding Home, Sweet Valley, PA	--	10
399.	1989 -- Jan 01, Rural House Fire, Remer, MN	--	10
400.	1991 -- Feb 16, Fire (extension cord related), Apartment Bldg., New Britain, CT	--	10
401.	1991 -- March 4, Crystal Springs Boarding Home Fire, Colorado Springs, CO	--	10
402.	1991 -- Dec 9, West Side Apartment Building Fire, Humboldt Park, Chicago, IL	--	10
403.	1992 -- June 2, Fire, Nu-Way Development Home (Adult Foster Care), Detroit, MI	--	10
404.	1993 -- May 3, Arson Fire, Apt./Tenement Bldg., Burlington Ave., Los Angeles, CA ⁸²⁸	--	10
405.	1997 -- May 13, Fire, Board and Care Facility, Harvey's Lake, PA	--	10
406.	2004 -- Sep 12, Arson Fire, Lincoln Park West Apts., Prairie Township, OH	--	10
407.	2007 -- Feb 06, Single-Family House Fire, Bardstown, KY	--	10
408.	2007 -- March 7, Rowhouse Fire, Bronx, NY	--	10
409.	2008 -- Apr 03, Residential Fire, Brockway, PA	--	10

Other:

1891	-- Apr 06, Fire, 3 tenement/store houses, NY St., Rochester, Beaver Co., PA	--	9
1916	-- Oct 17, Fire/poisonous fumes, Oakes Manufacturing Co., Long Island City, NY	--	9
1921	-- Nov 27, Fire, Rialto Theatre, New Haven, CT	--	9
1948	-- Mar 10/11, Fire, Highland Hospital for Nervous Disorders, Asheville, NC	--	9
1954	-- Mar 19, Kerosene explodes, home woodstove, Spider Ridge, ~Parkersburg, WV ⁸²⁹	--	9
1967	-- Jan 14, Row House (Cigarette) Fire, Philadelphia, PA	--	9
1972	-- June 17, Fire/building collapse, 9 firefighters killed, Hotel Vendome, Boston, MA	--	9
1973	-- Feb 07, Navy Corsair II Plane Crash/Apartment Bldg., Fire, Alameda, CA ⁸³⁰	--	8-9
1993	-- Feb 28, Fire, Apartment Building (8 children, 1 adult), Ludington, MI	--	9
1994	-- Feb 26, Fire, from candle; rowhouse; power turned off, west Baltimore, MD	--	9
2005	-- May 21, Arson Fire, House during child's birthday sleepover, Cleveland, OH ⁸³¹	--	9
2006	-- Mar 11, Fire, two-story home, Evensville, Rhea County, TN	--	9
2007	-- Jan 13, Fire, Emmons Jr. Apartment Building, Huntington, WV	--	9
2007	-- June 18, Fire, Sofa Super (furniture) Store, Firefighters killed, Charleston, SC	--	9
2012	-- Mar 24, Residential Home Fire, Charleston, WV	--	9
2014	-- Jan 30, Fire, home, linked to electric heater, Mom, children, Depoy, KY	--	9

FIRE, Structural – By Mortality (continued)

⁸²⁷ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸²⁸ Cross-listed in Violence – Arson.

⁸²⁹ Cross-listed in Explosions. Burning kerosene was thrown on some if not all victims; home burned to ground.

⁸³⁰ Cross-listed in Aviation. The pilot was believed to have died prior to the crash, one person on the ground killed by the crash, and eight by fire, with one additional death to an unattributed cause, possibly fire.

⁸³¹ Cross-listed in Violence – Arson.

1912 -- Oct 30, Fire, St. John's Orphanage, San Antonio, TX	--	7-8
1943 -- Feb 16, Fire, Rooming House, Augusta, ME	--	8
1944 -- April 13, Fire, Douglas County Home (for the poor), near Lawrence, KS	--	8
1944 -- Dec 30, Residential Home Fire, Columbus, IN	--	8
1948 -- March 23, Fire, Ward's Rest/Convalescent Home for elderly, north Omaha, NE	--	8
1950 -- March 2, Residential family home fire, Monson, ME	--	8
1959 -- Apr 28, Fire, coal-burning stove explosion, Nayakik residence, Point Barrow, AK	--	8
1967 -- July 04, Fire, Shanty Family Residence, Oxford, ME	--	8
1983 -- Aug 31, Fire, Mentally Handicapped Home, Annandale Village, Suwanee, GA	--	8
1983 -- Dec 9, Fire (careless smoking) Row House (five children), west Baltimore, MD	--	8
1992 -- Feb 13, Fire (space heaters or smoking) Row House (5 children), Camden NJ	--	8
1992 -- Dec 5, Fire (apparently smoking in bed), Row House (8 children), Chester, PA	--	8
2007 -- May 22, Fire (smoking materials), Row House, east Baltimore, MD	--	8
2010 -- Dec 28, Fire, Abandoned Warehouse used by homeless, New Orleans, LA	--	8
1888 -- Aug 09, Fire, Wall Collapse, Caldwell & Griffith block, Chattanooga, TN	--	5-7
1888 -- Sep 02, Fire, Firefighters killed, Hopkins Place, Baltimore, MD	--	7
1889 -- Nov 30, Fire, Tribune Building, Minneapolis, MN	--	7
1909 -- Aug 30, Fire, St. Malachy's Home for Children, Far Rockaway Beach, NY	--	7
1933 -- Feb 8-9, Millard Hotel Fire, firefighters killed by falling walls, Omaha, NE	--	7
1943 -- Feb 11, Fire and Suffocation (elderly), Convalescent Home, Sioux Falls, SD	--	7
1944 -- March 6, Children die in home fire, York Beach, ME	--	7
1949 -- March 4, Fire, Woolworth Dept. Store, firefighters killed, Charleston, WV	--	7
1954 -- April 3, Fire Mother and Six Children Die, Farm House near Tuttle, ND	--	7
1954 -- April 10, Explosion, kerosene put in home stove, fire, Columbia, AL ⁸³²	--	7
1956 -- Dec 23, Fire, Xmas tree wiring short circuit, Doctors' Hosp., Minneapolis, MN	--	7
1959 -- March 29, Fire, residence, children killed, Danielstown, Brunswick County, VA	--	7
1963 -- April 23, Residential Fire, River Park Drive, Louisville, KY	--	7
1994 -- Jan 9, Fire (clothing on heating grate), row house (6 children), Baltimore, MD	--	7
2006 -- July 20, Fire (over-heated refrigerator), Residential Home, Chickasha, OK	--	7
2007 -- Oct 28, Fire, Beach House (young college students), Ocean Isle Beach, NC	--	7
2013 -- March 9, Fire, Home (unknown cause), Man, Woman, 5 Children, Gray, KY	--	7
1851 -- Oct 15, Fire Orphan Asylum, Cincinnati, OH	--	6
1903 -- Feb 20, Fire, Clifton Hotel, Cedar Rapids, IA	--	6
1909 -- Apr 11, Urban Conflagration, Lenox, MA	--	6
1916 -- Mar 26, Fire, San Antonio Country Club, San Antonio, TX	--	6
1954 -- Apr 03, Explosion/fire, kerosene poured in home stove, Glouster, OH ⁸³³	--	6
1955 -- Feb 01, Home Fire, all children, Chuckatuck, VA	--	6
1959 -- Jan 05, Fire, residential, coal-burning stove, Winstonville, Bolivar County, MS	--	6
1959 -- Jan 20, Fire (exploding stove?), residence, children killed, Ashland, ME	--	6
1959 -- Mar 16, Fire, residence (father and five children), Superior, WI	--	6
1959 -- Apr 25, Fire, Waldrop residence, Hill City, near Calhoun, GA	--	6

⁸³² Cross-listed in Explosions.

⁸³³ Cross-listed in Explosions.

1960 -- Mar 27, Home Fire kills widow and five children, Winthrop, ME	--	6
1963 -- Dec 16, Children die, Duplex home fire, space heater spilled oil, Portland, ME	--	6
1971 -- Sep 15, Fire/Suffocation, Lil-Haven Nursing Home, Salt Lake City, UT	--	6
1975 -- Dec 28, Fire, Breezy Point Inn, Island Lake, near Duluth, MN	--	6
1989 -- July 4, Home Fire, children, locked in house, River Park Drive, Louisville, KY	--	6
1992 -- July 7, Arson Fire set by mother kills six of her children, Baltimore, MD ⁸³⁴	--	6
1993 -- Feb 27, Arson Fire & Mass Murder, Apartment Building, Providence, RI ⁸³⁵	--	6
1999 -- Jan 1, Fire, Hatfield family home (from LP gas heater in garage), Ceylon, MN	--	6
2006 -- March 11, Fire, Residential, wood-burning stove probable cause, Shoals, IN	--	6
2006 -- Apr 7, Fire, Residential, Propane lantern ignites mtl. in mobile home, Jacksonville, FL	--	6
2010 -- Dec 14, Fire, Two Story Brick Row House Home, east Baltimore, MD	--	6
2014 -- Feb 22, House Fire (parents and four children), Indianapolis, IN	--	6
2014 -- Aug 29, Mobile home fire (cause undetermined), just outside Garland, NC	--	6
2014 -- Nov 1, rooming house fire (landlord charged with manslaughter), Portland, ME	--	6

FIRE, Structural – By Mortality (continued)

1902 -- Aug 24, Residential House Fire kills children, Portland, ME	--	5
1916 -- Dec 22, Fire, Kansas Masonic Charity Home, Wichita, KS	--	5
1935 -- Jan 1, Fire, Cherokee County Home for elderly men dormitory, Gaffney, SC	--	5
1950 -- July 16, Fire, lead and zinc smelting plant, Lark, UT	--	5
1954 -- Jan 04, Fire, Residential Home, 5 Children Die, Oglethorpe, GA	--	5
1954 -- Jan 04, Fire, Home Oil Space Heater Explodes, Old Orchard Beach, ME	--	5
1954 -- Jan 21, Stove Explodes, Home Burns, mother and 4 children die, Gordon, NE	--	5
1954 -- Aug 23, Children die in residential home fire, Waterville, ME	--	5
1955 -- Jan 31, Fire (mother and children), Home Oil Stove, Lakeview, GA	--	5
1956 -- Dec 23, Fire, Downtown Apartment Bldg., mother, four children, Meriden, CT	--	5
1958 -- Nov 27, Fire, Mary Flake Home for Handicapped Children, Warr Acres, OK	--	5
1959 -- Feb 15, Home Fire, thought to be from Coal Cooking Stove, Pinson Fork, KY	--	5
1992 -- Nov 8, Fire (fireplace ashes in box), Home, South Jordan (~Salt Lake), UT	--	5
1992 -- Dec 17, Fire, four-family apartment building, Auburn, WA	--	5
2007 -- Oct 2, Fire, 1,000 deep tunnel at Xcel hydroelectric plant, Georgetown, CO	--	5

⁸³⁴ Cross-listed in Violence-Arson.

⁸³⁵ Cross-listed in Violence-Arson.

FIRE – STRUCTURAL – CHRONOLOGICAL

1. 1811 -- Dec 26, Theatre Fire, Richmond, VA --61-75
2. 1822 -- Jan 24, Fire, Philadelphia Orphan Asylum, Schuylkill & Cherry, Philly, PA -- 23
3. 1833 -- Oct 04, Fire, Eagle Woolen Mills, Allegheny, PA -- 13
4. 1841 -- Aug 20, Fire, Gunpowder Explosion, carpenter's shop, Syracuse, NY⁸³⁶ -- 26
5. 1845 -- July 19, Fire and Explos., New, Broad, Beaver, Broadway Sts., NYC, NY⁸³⁷ -- 30
6. 1849 -- May 17, Fire, 27 Boats, much of Wharf & Business District, St. Louis, MO -- 3-20

7. 1850 -- Feb 04, Boiler Explosion & Fire, Taylor & Co., Hague St., Manhattan, NY⁸³⁸ --60-75
8. 1850 -- July 09, Fire, Old City Philadelphia, PA -- 44
9. 1850 -- Dec 03, Fire, Maine Insane Asylum, Augusta, ME -- 28
10. 1851 -- May 3-4, Conflagration, "Fifth Great Fire," San Francisco, CA -- ~14-~30
- 1851 -- Oct 15, Fire Orphan Asylum, Cincinnati, OH -- 6
11. 1854 -- Apr 25, Arson, Jennings Building (all firemen), Broadway, NY, NY⁸³⁹ -- 11
12. 1857 -- Apr 14, Fire, Warehouse wall/floor collapse, Charles Street, Baltimore, MD -- 12
13. 1857 -- Oct 19, Fire, Brothel, Stores, Warehouses, S. Water Street, Chicago, IL -- 27
14. 1858 -- Feb 20, Fire, Pacific Hotel, St. Louis, MO --21-30

15. 1860 -- Jan 10, Building Cave-in & Fire, Pemberton Cotton Mills, Lawrence, MA⁸⁴⁰ 88-200
16. 1860 -- Feb 02, Tenement Building Fire, 142 Elm Street, East Manhattan, NY, NY --10-20
17. 1860 -- Mar 28, Fire, 40th Street Tenement House, NYC, NY -- 10
18. 1860 -- Sep 21, Building falls during fire and explosion (alcohol), New Orleans, LA⁸⁴¹-- 15
19. 1864 -- Jun 17, Explosion/fire, Washington Arsenal, Greenleaf Pt.,⁸⁴² District of Col.⁸⁴³-- 21
20. 1865 -- Feb 08, Conflagration Fire, Philadelphia, PA -- 20
21. 1865 -- Jun 09, Ordnance Building Explosion/Fire, Train sparks, Chattanooga, TN⁸⁴⁴ -- ~10
22. 1866 -- Jan, Fire Jail and City Guard House, Marietta, GA -- 13
23. 1867 -- Jun 18, Fire, Saloon, near Rock Island Railroad Depot, Chicago, IL --10-11
24. 1867 -- Jun 19, Fox's American Theater Fire, Philadelphia, PA --10-15

25. 1870 -- December 25, Fire, Spotswood Hotel, Richmond, VA -- 9-12
26. 1871 -- Sep 15, Fire, Pioche, NV -- 13
27. 1871 -- Oct 8-10, The Great Chicago Fire, IL --200-300
28. 1872 -- Nov 9-10, Conflagration ("Great Boston Fire of 1872"), Boston, MA --25-41
29. 1872 -- Dec 10, Fire, Fifth Avenue Hotel, New York, NY -- 22

⁸³⁶ Cross-listed in Explosions.

⁸³⁷ Cross-listed under Explosions.

⁸³⁸ Cross-listed under Explosions.

⁸³⁹ Cross-listed in Violence-Mass Murder.

⁸⁴⁰ Cross-listed under Structural Failures.

⁸⁴¹ Cross-listed in Explosions (the explosion caused the building to fall, which was the cause of deaths).

⁸⁴² Now part of Fort McNair between the Washington Channel to the west and the Anacostia River to the southeast.

⁸⁴³ Cross-listed in "Explosions."

⁸⁴⁴ Cross-listed under Explosions.

30. 1874 -- Sep 19, Fire, Granite Mill No. 1, Fall River, MA --23-25
 31. 1875 -- May 27, Holyoke Catholic Church Fire, Holyoke, MA -- 75
 32. 1876 -- March 7, Fire, Home for the Aged, East Brooklyn, NY -- 18
 33. 1876 -- Dec 5, Conway Theater Fire, Trampling, Suffocation, Brooklyn, NY⁸⁴⁵ --284-300
 34. 1877 -- Apr 11, Southern Hotel Fire, St. Louis, MO --16-21
 35. 1877 -- Jun 08, Fire, Wall Failure, Sanford & Son's Hat Factory, Bridgeport, CT --11-13
 36. 1877 -- Dec 20, Fire, Greenfield Candy Works, Barclay St., NY, NY -- 10
 37. 1878 -- Apr 7, Fire, Steuben County House (poor house/insane asylum), Bath, NY --15-16

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont.

38. 1880 -- Nov 15, Fire, Minnesota State Asylum for Insane, St. Paul, MN --24-30
 39. 1880 -- Dec 17, Fire, M.H. Birge & Co.'s "Manufactory," Buffalo, NY -- 13
 40. 1881 -- Jan 07, Fire, Strafford County Farm [for paupers], near Dover, NH --13-15
 41. 1881 -- Feb 27, Fire, St. Patrick's Orphanage, Scranton, PA -- 17
 42. 1881 -- Oct 12, Fire, Randolph Cotton and Woolen Mill, Randolph St., Philly, PA -- 9-12
 43. 1881 -- Dec 10, Lamp Fire, Boarding House, Rock Cut, ~Pittsburgh, PA --16-17
 44. 1882 -- Jan 31, Fire, World Building, Park Row and Beekman St., NYC, NY -- 12
 45. 1883 -- Jan 10, Fire (suspected arson), Newhall House (Hotel), Milwaukee, WI --~70~90
 46. 1883 -- Mar 10, Fire, Boarding House, Brownsville, ND -- 11
 47. 1883 -- Apr 07, Structural Failure and Fire, Ende Hotel, Greenville, TX⁸⁴⁶ --13-15
 48. 1883 -- Aug 23, George-Whiting Paper Mill Fire/Explosion, Menasha, WI -- 16
 49. 1884 -- Jan 05, Fire, Immaculate Conception Academy (Convent/School), Belleville, IL-- 32
 50. 1884 -- Apr 30, Fire, Van Buren County, MI Poorhouse, near Harford, MI --13-15
 51. 1884 -- Dec 18, Fire, St. John's Home Catholic Orphan Asylum, Brooklyn, NY --23-25
 52. 1885 -- Jan 18, Fire, Illinois Eastern Hospital for Insane, Kankakee, IL -- 18
 53. 1885 -- Feb 12, Arson Fire, Dept. for Insane, Blockley Almshouse, Philly, PA⁸⁴⁷ --19-20
 54. 1885 -- May 21, Stove Explodes, Fire, Sullivan's Printing Bldg., Cincinnati, OH -- 18
 55. 1886 -- Dec 28, Fire, Steamer/Boarding House *Bradish Johnson*, Jackson, AL⁸⁴⁸ -- ~24
 56. 1887 -- Mar 18, Fire, Richmond Hotel (Young Men's Assn.), Buffalo, NY -- 15
 57. 1887 -- Mar 24, Fire, Colby Iron Mine Boarding House, Bessemer, MI -- 12
 58. 1887 -- July 9, Alcazar Theater Fire and town Conflagration, Hurley, WI --10-11
 59. 1888 -- June 4, Fire, Mundine Hotel, Rockdale, TX -- 11
 60. 1888 -- Aug 03, Fire, Tenement House, 197 Bowery, NY, NY --17-20
 1888 -- Aug 09, Fire, Wall Collapse, Caldwell & Griffith block, Chattanooga, TN -- 5-7
 61. 1888 -- Aug 22, Fire & Bleach Explosion, G. Whiting Paper Mill, Neenah, WI⁸⁴⁹ -- 18
 1888 -- Sep 02, Fire, Firefighters killed, Hopkins Place, Baltimore, MD -- 7
 62. 1888 -- Nov 09, Fire, Steam-Gauge and Lantern Works, Rochester, NY --34-38
 1889 -- Nov 30, Fire, Tribune Building, Minneapolis, MN -- 7

 63. 1890 -- Feb 02, Shop and Tenement Fire, North Street, Boston, MA --12-14

⁸⁴⁵ Cross-listed under Violence-Crushing, Trampling, Suffocation.

⁸⁴⁶ Cross listed in Structural Failures.

⁸⁴⁷ Cross-listed in Violence-Mass Murder.

⁸⁴⁸ Cross-listed in Maritime.

⁸⁴⁹ Cross-listed in Explosions (the cause of most, if not all, of the deaths).

64.	1890 -- Mar 17, Fire/Bldg. Collapse on firemen, Bowen-Merrill Co., Indianapolis, IN	-- 13
65.	1890 -- May 07, Fire, Chenango Co. Poorhouse & Asylum, Preston, NY	-- 13
66.	1891 -- Mar 13, Fire, Central Tennessee Insane Asylum, near Nashville, TN	--10-11
	1891 -- Apr 06, Fire, 3 tenement/store houses, NY St., Rochester, Beaver Co., PA	-- 9
67.	1891 -- Dec 09, Fires, Bamberger & Candy/Fireworks bldgs., Main St., Louisville, KY	-- 12
68.	1892 -- Jan 21, Fire, Surgical Institute, Illinois and Georgia streets, Indianapolis, IN	-- 19
69.	1892 -- Feb 7, Fire, Hotel Royal, Fortieth Street & Sixth Avenue, NYC, NY	--28-30
70.	1892 -- Apr 27, Fire, Gilmore's Central Theater, Philadelphia, PA	-- 14
71.	1892 -- Jun 05, Dam Failure, Oil Fire, Titusville, Oil City, PA ⁸⁵⁰	-- 350
72.	1892 -- Oct 28, Conflagration, Milwaukee, WI	-- 10
73.	1893 -- Feb 09, Fire, Strafford County Workhouse, near Dover, NH	-- 41
74.	1893 -- July 10, Fire, Columbia Exposition Cold Storage Warehouse, Chicago, IL	--17-19
75.	1894 -- Dec 24, Fire, Chrisman Bros. Hall, Silver Lake, Lake County, OR	-- 43
76.	1895 -- Dec 31, Fire, Delavan House, Albany NY	-- 16
77.	1896 -- Sep 05, Fire, Yore's Opera House, Benton Harbor, MI	-- 12

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont.

78.	1898 -- Feb 09, Fire & Explosions, Chautauqua Lake Ice Co. Bldg., Pittsburgh, PA ⁸⁵¹	--14-20
79.	1898 -- Feb 26, Fire/Explosions, walls fall, Hall Brothers Chem., Kalamazoo, MI ⁸⁵²	-- 10
80.	1898 -- Mar 13, Fire, Bowery Mission and Young Men's Home, NYC, NY	-- 11
81.	1898 -- Mar 16, Fire/Explo., Ayer Bldg. (Mercantile), Wabash Ave., Chicago, IL	-- 16
82.	1899 -- Feb 12, Fire, State Insane Asylum, near Yankton, SD	-- 17
83.	1899 -- Mar 17, Fire, Windsor Hotel, Fifth Avenue, New York, NY	-- 45
84.	1900 -- Mar 12, Arson Fire (charged), Italian Tenement Building, Newark, NJ ⁸⁵³	-- 16
85.	1900 -- June 15, Tenement Fire, 34 Jackson Street, NYC, NY	-- 11
86.	1900 -- June 30, Fire, Lloyd Piers, Ships, North German Line, Hoboken, NJ ⁸⁵⁴	--300-400
87.	1900 -- July 03, Arson Fire (alleged), Tenement, Adams and First Sts., Hoboken NJ ⁸⁵⁵	--13-14
88.	1900 -- Oct 29, Fire and Explosions, Tarrant & Co. Drug Warehouse, NYC, NY ⁸⁵⁶	--≥7->10
89.	1901 -- Jan 08, Fire/Boiler Explosion, Orphan Asylum, Rochester, NY	-- 31
90.	1901 -- Aug 14, Waterworks Crib Fire, two miles off Cleveland Harbor, OH ⁸⁵⁷	--12-13
91.	1901 -- Oct 25, Fire, Hunt & Wilkinson Co. Furniture Warehouse, Philadelphia PA	--21-25
92.	1901 -- Nov 06, Fire, Klondyke Theater, Harley, WI	-- 10
93.	1902 -- Jan 29, Italian Tenement Fire, Fleet Street, North End, Boston, MA	--10-11

⁸⁵⁰ Cross-listed under Dam Failures

⁸⁵¹ Cross-listed in Explosions. It is not clear whether the fire or the first explosion came first. Most of the fatalities were explosion-related – walls falling and building components failing.

⁸⁵² Cross-listed in Explosions -- all deaths were result of building failure following explosions, preceded by fire.

⁸⁵³ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸⁵⁴ Cross-listed under Maritime Disasters, Explosions/Fires.

⁸⁵⁵ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁸⁵⁶ Cross-listed in Fire in that a fire of undetermined source led to a series of explosions (which caused the fatalities).

⁸⁵⁷ Cross listed in Mines Tunnels and Quarries.

94. 1902 -- Feb 09, Fire, Empire Hotel lodging house, Olive Street, St. Louis, MO -- 11
 95. 1902 -- Feb 22, Fire, Park Avenue Hotel, New York City, NY -- 20
 96. 1902 -- June 09, Fire, St. Luke's Society Sanitarium, Wabash / 21st, Chicago, IL --12-13
 1902 -- Aug 24, Residential House Fire kills children, Portland, ME -- 5
 97. 1902 -- Oct 21, Fire/glucose tank explosion, Glucose Sugar Refinery, Chicago, IL --11-12
 98. 1902 -- Dec 04, Fire, Lincoln Hotel, Madison Street, Chicago, IL -- 14

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont.

- 1903 -- Feb 20, Fire, Clifton Hotel, Cedar Rapids, IA -- 6
 99. 1903 -- Nov 01, "House of All Nations" Tenement Fire, Eleventh Ave., NYC, NY -- 25
 100. 1903 -- Nov 21, Railroad Workmen "Shanty" Fire, near Lilly (~Johnstown), PA --31-35
 101. 1903 -- Dec 18, Fire, Women's Dormitory Walden University, Nashville, TN -- 9-15
 102. 1903 -- Dec 30, Fire, suffocation, trampling, Iroquois Theater, Chicago, IL⁸⁵⁸ -- 602

 103. 1904 -- June 04, Corning Distillery Fire, Explosions, Building Collapse, Peoria, IL -- 15
 104. 1904 -- Sep 04, Fire, 5-Story Tenement, Attorney St., New York City, NY -- 15
 105. 1904 -- Nov 20, Fire, Tenement House, Troutman Street, Brooklyn, NY -- 12

 106. 1905 -- Jan 03, Entire Noweski Family Killed, Fire, Morris Run, PA -- 10
 107. 1905 -- Mar 14, Fire, Tenement, Allen St., New York City, NY -- 20
 108. 1905 -- Mar 20, Boiler Explos. & Fire, Grover & Co. Shoe Factory, Brockton, MA⁸⁵⁹-- 58
 109. 1905 -- Sep 17, Fuse Factory Explosion & Fire, Avon, CT -- 9-12

 110. 1906 -- Jan 10, West Hotel Fire, Minneapolis, MN -- 11
 111. 1906 -- Apr 18, Earthquake, Fire, Landslides, San Francisco vicinity, CA⁸⁶⁰ --3,000-5,000
 112. 1906 -- Oct 25, Fire, Chamber of Commerce Building, Kansas City, KS -- 15

 113. 1907 -- July 28, Fire, Tenement House, 222 Chrystie Street, East Side, NYC, NY --19-20
 114. 1907 -- Sep 05, Fire, Webb Hotel, Shelton, WA --10-11

 115. 1908 -- Jan 13, Fire and Trampling, Rhoads Opera House, Boyertown, PA⁸⁶¹ --169-175
 116. 1908 -- Mar 4, Fire, Trampling, Lake View Elementary Sch., Collinwood, OH⁸⁶²--172-178
 117. 1908 -- Apr 12, The Great Chelsea Fire/Conflagration of 1908, Chelsea, MA --15-19
 118. 1908 -- May 03, Fire, Aveline Hotel, Fort Wayne, IN -- 12

 119. 1909 -- Mar 03, Fire, Tenement Building, 374 Seventh Avenue, NYC, NY -- 10
 1909 -- Apr 11, Urban Conflagration, Lenox, MA -- 6
 1909 -- Aug 30, Fire, St. Malachy's Home for Children, Far Rockaway Beach, NY -- 7
 120. 1909 -- Oct 30, Fire, Business District, St. Johnsbury, VT --10-11
 121. 1909 -- Nov 08, Explosion, Fire, Robert Morrison Comb Factory, Brooklyn NY⁸⁶³ --10-12

⁸⁵⁸ Cross-listed in Violence-Crushing, Trampling, Suffocation.

⁸⁵⁹ Cross-listed under Explosions.

⁸⁶⁰ Cross-listed in Earthquake and in Landslides, in that there were a small number of deaths due to slides.

⁸⁶¹ Cross-listed under Violence-Crushing, Trampling, Suffocation.

⁸⁶² Cross-listed under Violence-Crushing, Trampling, Suffocation.

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont.

122.	1910 -- Mar 25, Fire, L. Fish & Co. Furniture Store, Wabash Ave., Chicago, IL	--	12
123.	1910 -- Oct 01, Los Angeles Trade Unionist Dynamiting and Fire, <i>LA Times</i> , CA ⁸⁶⁴	--	21
124.	1910 -- Nov 26, Fire, Asch Factory, Orange & High Sts., Newark, NJ	--	25
125.	1910 -- Dec 21, Fire, Friedlander Leather Remnants Factory, Philadelphia, PA	--	14
126.	1910 -- Dec 22-23, Fire, Nelson-Morris Meatpacking Plant, Stockyards, Chicago, IL	--	24
127.	1911 -- Mar 25, Fire, Triangle Shirtwaist Company, NYC, NY	--	146-147
	1912 -- Oct 30, Fire, St. John's Orphanage, San Antonio, TX	--	7-8
128.	1913 -- Feb 28, Dewey Hotel Fire and possible gas explosion, Omaha, NE	--	5-20
129.	1913 -- July 21, Fire, Convict Cage, Oakley Convict Farm, Hinds County, MS	--	35
130.	1913 -- July 22, Binghamton Clothing Company Fire, New York City, NY	--	35
131.	1913 -- Dec 2, Fire, Arcadia Boarding House ("Hotel"/Flop House), Boston, MA	--	28
132.	1914 -- Mar 08, Fire, wall fall (17 th) Missouri Athletic Club (Lodging), St. Louis, MO ⁸⁶⁵		37
133.	1915 -- Oct 25, Fire, Union Paper Box Company, Pittsburgh, PA	--	14
134.	1915 -- Oct 28, Fire, Trampling, St. John's Parochial School, Peabody, MA ⁸⁶⁶	--	21
135.	1915 -- Nov 06, Fire, Essex Waist Co., Diamond Factory, Brooklyn, NY	--	12
136.	1916 -- Mar 06, Jail Fire, "El Holocausto," or the "Jail Holocaust," El Paso, TX	--	18-30
	1916 -- Mar 26, Fire, San Antonio Country Club, San Antonio, TX	--	6
137.	1916 -- May 10, Explosion, Fire, Trampling, Theater, Wallaceton, VA	--	13-26
138.	1916 -- Oct 05, Fire, Christian Brothers College, St. Louis, MO	--	10
	1916 -- Oct 17, Fire/poisonous fumes, Oakes Manufacturing Co., Long Island City, NY	--	9
	1916 -- Dec 22, Fire, Kansas Masonic Charity Home, Wichita, KS	--	5
139.	1917 -- Feb 02, Gas Explosion/Fire, Tenement Buildings, Chicago, IL ⁸⁶⁷	--	14
140.	1918 -- Apr 13, State Hospital for the Insane Fire, Norman, OK	--	37-39
141.	1918 -- July 02, Semet-Solvay Co. TNT Plant Fire/Explosions, Split Rock, NY ⁸⁶⁸	--	50
142.	1918 -- Sep 17, Fire, American Button Company Plant, Newark, NJ	--	11
143.	1919 -- Jan 07, Explosion and Fire, Film Exchange, Penn Ave., Pittsburgh, PA ⁸⁶⁹	--	10-12
144.	1919 -- Feb 06, Fire, Tokyo Rooming House, South Weller St., Seattle, WA	--	10
145.	1919 -- May 19, Mental Asylum Fire in Columbia, SC	--	16

⁸⁶³ Not cross-listed in Explosions in that it appears that all the fatalities were fire-related.

⁸⁶⁴ Cross-listed in Violence-Bombing and Violence-Labor-related.

⁸⁶⁵ Thirty fatalities from the March 8th fire and 7 fatalities from the March 17th Missouri Athletic Club wall fall.

⁸⁶⁶ Cross-listed in Violence subsection: Crushing, Trampling, Suffocation. Most of the girls died at the door block.

⁸⁶⁷ Cross listed in Explosions.

⁸⁶⁸ Cross-listed under Explosions.

⁸⁶⁹ Cross-listed in Explosions.

146. 1919 -- Nov 22, Stove Explos./Fire/Crushing, Dance Hall/Store, Ville Platte LA⁸⁷⁰ --25-28

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont.

147. 1920 -- Sep 06, Fire, Houston Hotel, Klamath Falls, OR --10-14

148. 1921 -- Jan 30, Fire (cigarette), Colonial Hotel, Newark Street, Hoboken, NJ -- 13

149. 1921 -- Sep 14, Explosion/Fire, Atlantic Refining Co., Point Breeze, Philadelphia, PA⁸⁷¹ 16

150. 1921 -- Nov 14, Fire, Tenement House, 108 West 17th St., NYC, NY --10-12

1921 -- Nov 27, Fire, Rialto Theatre, New Haven, CT -- 9

151. 1922 -- Feb 07, Fire, Lexington Hotel, Richmond, VA -- 12

152. 1922 -- Oct 22, Fire, Apartment House, Lexington Avenue, NY, NY -- 15

153. 1923 -- Feb 18, Manhattan State Hospital Fire, Ward's Island, NY -- 27

154. 1923 -- Feb 23, Fire, Garage and Apartments, Hatley Building, Kansas City, KS -- 13

155. 1923 -- Apr 27, Fire, Tenement Building, East 109th Street, NYC, NY -- 12

156. 1923 -- May 17, Fire, Cleveland School District, Kershaw County, near Camden, SC -- 77

157. 1923 -- Jun 21, Fire, Tenement Building, Federal Street, Chicago, IL -- 10

158. 1924 -- Feb 15, Fire, Lawrence Building, Main Street, Montpelier VT -- 11

159. 1924 -- May 31, Fire, Hope Development School, Playa Del Rey, near Venice CA -- 24

160. 1924 -- Dec 24, Babbs Switch School Fire, Hobart, OK -- 36

161. 1926 -- Jan 23, Fire, Lafayette Hotel, North Seventh Street, Allentown, PA -- 13

162. 1926 -- Feb 22, Fire, Schwindler's Prairie Hotel, Hurleyville, NY --11-12

163. 1926 -- July 14, Fire, Twilight Inn, Haines Falls, NY -- 14

164. 1927 -- Apr 23, Fire/Explosions, Briggs Manufacturing Co., Detroit, MI -- 23

165. 1928 -- Feb 10, Vaporizer explos./fire, Beacon Oil Co. Refining Plant, Everett, MA⁸⁷² -- 14

166. 1928 -- Apr 20, Fire, Alexander Industries Plane Plant, Englewood, CO -- 11

167. 1928 -- Nov 08, Explosion, Fire, Preble Box Toe Co. Plant and house, Lynn, MA⁸⁷³ --20-21

168. 1929 -- May 15, Cleveland Clinic (Hospital) Fire, Cleveland, OH -- 125

169. 1929 -- Sep 20, Study Club Fire, Detroit, MI -- 22

170. 1929 -- Oct 17, Fire, Portland Hotel, First Avenue, Seattle, WA -- 10

171. 1929 -- Dec 10, Fire (lamp), Pathe Film Studio, Manhattan, NYC, NY -- 10

172. 1930 -- Apr 22, Ohio State Penitentiary Fire, Columbus, OH --320-322

173. 1931 -- Mar 17, Fire, Stockade, County Jail, Kenansville, NC -- 11

174. 1931 -- July 24, Home for the Aged Fire, Pittsburgh, PA -- 48

175. 1932 -- Jun 07, Explos./Arson/Mass Murder, Ellington Apartments, Cleveland, OH⁸⁷⁴ -- 13

⁸⁷⁰ Cross-listed in Explosions and in Violence/Trampling.

⁸⁷¹ Cross-listed in Explosions.

⁸⁷² Cross-listed in Explosions. Most deaths were from the vaporizer explosion and a few from the resulting fire.

⁸⁷³ Cross-listed in Explosions. Besides deaths in the factory, seven people in adjoining house-fire died.

⁸⁷⁴ Cross-listed in Violence-Mass Murder.

- 1933 -- Feb 8-9, Millard Hotel Fire, firefighters killed by falling walls, Omaha, NE -- 7
176. 1933 -- June 9, Fire, Atlantic Pyroxylin Waste Co., North Arlington, NJ -- 10
177. 1934 -- Feb 20, Fire, Penn. Mem. Home/Hosp. (Civil War veterans widows), Brookville, PA--10
178. 1934 -- Mar 24, Fire, Federal Transient Bureau Lodging, Lynchburg, VA -- 22
179. 1934 -- Dec 11, Kerns Hotel Fire, Grand Avenue, Lansing, MI -- 34
- 1935 -- Jan 1, Fire, Cherokee County Home for elderly men dormitory, Gaffney, SC-- 5
180. 1935 -- Sep 29, Arson, Tenement, Chicago, IL⁸⁷⁵ -- 10
181. 1936 -- Feb 12, Fire, Victoria Mansion Hotel, Lexington & Seventh, Lakewood, NJ -- 16
182. 1936 -- Apr 06, Tornado and Fire, Cooper Pants Factory, Gainesville, GA⁸⁷⁶ --40-70
183. 1938 -- May 17, Terminal Hotel Fire, Atlanta, GA -- 35

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont.

184. 1940 -- Jan 03, Fire, Marlborough (Apartment) Hotel, Minneapolis, MN -- 19
185. 1940 -- April 23, Rhythm Night Club fire/suffocation/trampling, Natchez, MS -- 209
186. 1940 -- July 30, Explosions/Conflagration, R. M. Hollingshead Plant, Camden, NJ⁸⁷⁷-- 10
187. 1941 -- Feb 05, Fire, New Haven Quilt and Pad Company, New Haven, CT -- 10
188. 1941 -- Feb 07, Fire, Salvation Army Homeless Shelter/Lodging, Akard St., Dallas, TX- 13
189. 1941 -- Mar 10, Strand Theater Fire & Roof Collapse, Brockton, MA -- 13
190. 1941 --Aug 18, Fire, NY & Cuba Mail Steam Ship Co. Piers, *Panuco*, Brooklyn NY-34-35
191. 1941 -- Oct 28, Home Fire, Montclair, NJ -- 12
192. 1942 -- Jan 20, Fire, Melvin Hall Apartments, Lynn, MA -- 13
193. 1942 -- Nov 28, Fire/trampling/suffocation, Cocoanut Grove Nightclub, Boston, MA⁸⁷⁸498
194. 1943 -- Jan 31, Fire, Lake Forest Park Sanitarium,⁸⁷⁹ Lake Forest Park, WA -- 32
- 1943 -- Feb 11, Fire and Suffocation (elderly), Convalescent Home, Sioux Falls, SD-- 7
- 1943 -- Feb 16, Fire, Rooming House, Augusta, ME -- 8
195. 1943 -- Feb 18, Boeing XB-29 Crash into Frye Packing Plant, Fire, Seattle, WA⁸⁸⁰ -- ~20
- 1944 -- April 13, Fire, Douglas County Home (for the poor), near Lawrence, KS -- 8
196. 1943 -- Sep 07, The Gulf Motel Fire, Houston, TX -- 54
197. 1943 -- Dec 24, Fire, Standard Hotel, West 42nd Street between 9th and 10th, NYC, NY-- 19
- 1944 -- March 6, Children die in home fire, York Beach, ME -- 7
198. 1944 -- March 28, Arson Fire, New Amsterdam Hotel, San Francisco, CA⁸⁸¹ -- 22

⁸⁷⁵ Cross-listed in Violence-Mass Murder.

⁸⁷⁶ Cross-listed in Tornadoes. There were ~203 tornado deaths, including those from this fire. Most probably some of these deaths can be attributed to the destruction of the building. Many, mostly girls and women, had sought safety in the basement, only to be trapped when the building was destroyed and caught fire.

⁸⁷⁷ Cross-listed in Explosions -- a series of explosions started the fires which became a conflagration.

⁸⁷⁸ Cross-listed in Violence-Crushing, Trampling, Suffocation.

⁸⁷⁹ For elderly, invalids and persons suffering from mental disabilities. Lake Forest Park is just north of Seattle.

⁸⁸⁰ The number twenty is an approximation in that it is not known how many Frye employees were killed directly by the crash and how many died in the resulting large fire. There were 32-34 fatalities in all (though one source has 41), of which 10 were onboard the XB-29. Cross-listed in Aviation.

⁸⁸¹ Cross-listed in Violence subset Arson.

199. 1944 -- July 06, Barnum & Ringling Broth. Circus Fire, Stampede, Hartford, CT --168-169
 200. 1944 -- Oct 20, LNG Tank Explosions/Fire, East Ohio Gas Co., Cleveland, OH⁸⁸²-128-136
 1944 -- Dec 30, Residential Home Fire, Columbus, IN -- 8

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont

201. 1945 -- Jan 16, Fire, General Clark Hotel/Boarding House, N. Clark St., Chicago, IL-- 14
 202. 1945 -- Jan 31, Fire, Lacoste Babies' Boarding Home & Nursery, Auburn, ME -- 17
 203. 1945 -- Feb 17, Fire, Maefair Apartments, Tacoma, WA -- 19
 204. 1945 -- May 07, Fire, Victory House (war workers lodging), Mobile, AL -- 12
 205. 1945 -- Aug 13, Fire, Export Box & Sealer Co. Packing Plant, Grand Ave., Detroit, MI--15
 206. 1945 -- Dec 24, Fire, Niles Street Convalescent Hospital, Hartford, CT -- 21
207. 1946 -- Jan 27, Fire, Apartment Building/Rooming House, Kansas City, MO -- 11
 208. 1946 -- Jan 28, Gasoline fumes ignite, fire, Tinker Field Hangar ~Oklahoma City, OK-- 10
 209. 1946 -- Feb 02, Explosion/Fire, Jennings Hall Home for Aged, Garfield Heights, OH-- 14
 210. 1946 -- Jun 05, LaSalle Hotel Fire, Chicago, IL -- 61
 211. 1946 -- Dec 7, Hotel Winecoff Fire, Atlanta, GA -- 119
 212. 1946 -- Dec 12, Fire, vacant Knickerbocker Ice Plant wall falls onto Tenement, NYC-- 37
213. 1947 -- May 14, Minerva Film Co. Fire, Rome, NY -- 23
 214. 1947 -- Apr 02, Explosion and fire, Lawrence Brown Fireworks Plant, Clinton, MO⁸⁸³-- 12
 215. 1947 -- July 29, Butane Gas Explos./fire, Pauline's Beauty School, Harrisonburg, VA⁸⁸⁴-11
 216. 1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV⁸⁸⁵-15
217. 1948 -- Feb 13, Fire, Apartment Building, Hoage family, Cedar Street, Utica, NY -- 11
 1948 -- March 10/11, Fire, Highland Hospital for Nervous Disorders, Asheville, NC-- 9
 1948 -- March 23, Fire, Ward's Rest/Convalescent Home for elderly, north Omaha, NE-- 8
218. 1949 -- Mar 03, Kerosene Explosion and Fire, Residential, Lakewood, MI -- 11
 1949 -- Mar 04, Fire, Woolworth Dept. Store, firefighters killed, Charleston, WV -- 7
 219. 1949 -- Apr 4-5, St. Anthony's Hospital Fire, Effingham, IL -- 74
220. 1950 -- Jan 07, Mercy Hospital Fire, Davenport, IO -- 41
 1950 -- Mar 02, Residential family home fire, Monson, ME -- 8
 221. 1950 -- Mar 08, Fire, prisoner jail, Sandia Secret Weapons Base, Albuquerque, NM -- 15
 1950 -- July 16, Fire, lead and zinc smelting plant, Lark, UT -- 5
 222. 1950 -- Dec 22, Fire, Walker Convalescent Home (for Elderly), near Amarillo, TX -- 10
223. 1951 -- Jan 30, Convalescent Home Fire, Hoquiam, WA -- 21
 224. 1951 -- Sep 17, Shell Refinery cracking unit Explos./Fire, Roxana, Wood River, IL⁸⁸⁶-- 18

⁸⁸² Cross-listed in Explosions. At least 32 died in fires in nearby houses.

⁸⁸³ Cross-listed in Explosions.

⁸⁸⁴ Cross-listed in Explosions – most, if not all, deaths were caused by the explosion and building destruction.

⁸⁸⁵ Cross-listed in Explosions (gas can deliberately thrown into fire from kicked-over stove), and in Violence.

⁸⁸⁶ Cross-listed in Explosions.

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont.

225. 1952 -- Oct 31, Nursing Home Fire, Hillsboro, MO -- 20
 226. 1952 -- Nov 26, Fire, Female Ward, Huntington State Mental Hosp., Huntington, WV-- 17
227. 1953 -- Mar 11, Fire, fermentation bldg. under construct., Anheuser-Busch, Newark NJ--13
 228. 1953 -- Mar 29, Fire, Littlefield Nursing Home, Largo, FL⁸⁸⁷ --33-35
 229. 1953 -- Sep 07, Fire, Spector Realty Co. Tenement building, State St., Chicago, IL -- 18
- 1954 -- Jan 04, Fire, Residential Home, 5 Children Die, Oglethorpe, GA -- 5
 1954 -- Jan 04, Fire, Home Oil Space Heater Explodes, Old Orchard Beach, ME -- 5
 1954 -- Jan 21, Stove Explodes, Home Burns, mother and 4 children die, Gordon, NE-- 5
 1954 --Mar 19, Kerosene explodes, home woodstove, Spider Ridge, ~Parkersburg, WV⁸⁸⁸9
230. 1954 -- Mar 31, Cleveland Hill Elementary School Fire, Cheektowaga, NY -- 15
 1954 -- Apr 03, Fire Mother and Six Children Die, Farm House near Tuttle, ND -- 7
 1954 -- Apr 03, Explosion/fire, kerosene poured in home stove, Glouster, OH⁸⁸⁹ -- 6
 1954 -- Apr 10, Explosion, kerosene put in home stove, fire, Columbia, AL⁸⁹⁰ -- 7
 1954 -- Aug 23, Children die in residential home fire, Waterville, ME -- 5
231. 1954 -- Oct 28, Fire/Chem. Tank Explos., Charles W. Berg Labs, Philadelphia, PA -- 10
 232. 1954 -- Dec 24, Explos./fire, kerosene thrown in stove, tenant farmhouse ~Parkin, AR⁸⁹¹ 13
- 1955 -- Jan 31, Fire (mother and children), Home Oil Stove, Lakeview, GA -- 5
233. 1955 -- Feb 01, Oil Stove Fire (11 children), Tenement, Schuyler St., Amsterdam, NY-- 12
 1955 -- Feb 01, Home Fire, all children, Chuckatuck, VA -- 6
234. 1955 -- Feb 12, Barton Hotel Fire, Chicago, IL -- 29
 235. 1955 -- Aug 10, Explosion (sewer gas?) & Fire, Gateway Restaurant, Andover, OH⁸⁹²-- 22
236. 1956 -- Jan 29, MD Oyster Roast Fire, Arundel Park Hall, Brooklyn MD -- 11
 237. 1956 -- July 29, Fire/Explosion, McKee tank farm, Shamrock Oil & Gas, Dumas, TX⁸⁹³-19
 238. 1956 -- July 30, Reagan Nursing Home Fire, Puxico, MO -- 12
 239. 1956 -- Dec 03, Luckenbach Steamship Pier Fire, Detonators Explode, Brooklyn, NY⁸⁹⁴-10
 1956 -- Dec 23, Fire, Downtown Apartment Bldg., mother, four children, Meriden, CT-- 5
 1956 -- Dec 23, Fire, Xmas tree wiring short circuit, Doctors' Hosp., Minneapolis, MN-- 7
240. 1957 -- Jan 24, M. Baer Dress Co. Factory Fire, New Haven, CT -- 15
 241. 1957 -- Feb 13, Fire, Council Bluffs Convalescent Home, Council Bluffs, IA --16-17
 242. 1957 -- Feb 17, Katie Jane Nursing Home Fire, Warrington, MO -- 72
 243. 1957 -- Nov 16, Fire, Tenement (ex-Moonglow Hotel), Allen Ave., Niagara Falls, NY-- 18

⁸⁸⁷ 32 patients and a nurse died in the fire. A patient on way to a hospital and car driver were killed in an accident.

⁸⁸⁸ Cross-listed in Explosions. Burning kerosene was thrown on some if not all victims; home burned to ground.

⁸⁸⁹ Cross listed in Explosions.

⁸⁹⁰ Cross-listed in Explosions.

⁸⁹¹ Cross-listed in Explosions. The deaths were caused by burning fuel thrown onto the victims.

⁸⁹² Cross-listed in Explosions.

⁸⁹³ Cross-listed in Explosions. A fire was precipitating event – all deaths were due to the explosion.

⁸⁹⁴ Cross-listed in Explosions. Fire was the precipitating event. All deaths, though, were due to the explosion.

244. 1957 -- Dec 5, Natural gas explosion/fire, five downtown businesses, Villa Rica, GA⁸⁹⁵--12

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont.

245. 1958 -- March 19, Fire and Floor Collapse, Monarch Underwear Co., NYC, NY -- 24
246. 1958 -- Apr 05, Home Fire, Porter Township, near Jersey Shore and Williamsport, PA-- 10
1958 -- Nov 27, Fire, Mary Flake Home for Handicapped Children, Warr Acres, OK-- 5
247. 1958 -- Dec 01, Our Lady of the Angels Elementary School Fire, Chicago, IL -- 95
- 1959 -- Jan 05, Fire, residential, coal-burning stove, Winstonville, Bolivar Co., MS -- 6
248. 1959 -- Jan 08, Home Wood Stove Fire (15 children and woman), Boswell, OK -- 16
1959 -- Jan 20, Fire (exploding stove?), residence, children killed, Ashland, ME -- 6
249. 1959 -- Feb 14, Fire (from gas explosion), Apartment Building, Ashland, KY -- 11
250. 1959 -- Feb 15, Home Fire, thought to be from Coal Cooking Stove, Pinson Fork, KY-- 5
251. 1959 -- Mar 5, Fire, Negro Boys Industrial School Reformatory Dorm, Wrightsville AR-21
252. 1959 -- Mar 15, Fire, Farm House (10 children and farmer), Cross Hill, SC -- 11
1959 -- Mar 16, Fire, residence (father and five children), Superior, WI -- 6
1959 -- Mar 29, Fire, residence, children killed, Danieltown, Brunswick County, VA-- 7
1959 -- Apr 25, Fire, Waldrop residence, Hill City, near Calhoun, GA -- 6
1959 -- Apr 28, Fire, coal-burning stove explosion, Nayakik residence, Barrow, AK-- 8
- 1960 -- Mar 27, Home Fire kills widow and five children, Winthrop, ME -- 6
253. 1960 -- Dec 19, Fire, *U.S.S. Constellation*, New York Naval Shipyard, NY -- 50
254. 1961 -- Jan 6, Thomas Hotel Fire, San Francisco, CA -- 20
255. 1961 -- Mar 28, Residential fire (lightning?), Alex Whitehead home, Dotsonville, TN⁸⁹⁶-12
256. 1961 -- Dec 8, Fire, Hartford Hospital, Hartford, CT -- 16
257. 1962 -- Jan 15, Fire, Paladino home, Catholic Point community ~Center Ridge, AR -- 10
258. 1963 -- Feb 21, Farm/tenant home Fire, near Luxora, AR -- 10
259. 1963 -- Feb 23, Home Fire (Paul Saville family--wife, 8 children), Morehouse, MO -- 10
1963 -- Apr 23, Residential Fire, River Park Drive, Louisville, KY -- 7
260. 1963 -- Nov 18, Fire (arson?), Surfside Hotel (elderly home), Atlantic City, NJ⁸⁹⁷ -- 25
261. 1963 -- Nov 23, Golden Age Nursing Home Fire, Fitchville, OH -- 63
1963 -- Dec 16, Children die, Duplex home fire, space heater spilled oil, Portland, ME-- 6
262. 1963 -- Dec 25, Oil Heater explodes/house burns (Johnson children), Charleston, SC-- 13
263. 1963 -- Dec 29, Hotel Roosevelt Fire, Jacksonville, FL -- 22
264. 1964 -- Feb 22, House Fire (Moses James family, 9 children), near Society Hill, SC -- 11
265. 1964 -- May 23, Samoan Fire-Dance Fire, All Hallows Parish Hall, San Fran., CA -- 17
266. 1964 -- Sep 12, Farm House Fire (Bowdish/McConnell children), Kasota, MN -- 10
267. 1964 -- Nov 04, Fire, Dorchester Manor Apartment Hotel, Chicago, IL -- 11

⁸⁹⁵ Cross-listed in Explosions – there were fatalities from the explosion and from the resulting fire.

⁸⁹⁶ Cross-listed in Lightning.

⁸⁹⁷ Ex-mental patient and arsonist arrested and “confessed,” but was not indicted.

268. 1964 -- Dec 18, Maples (McGraw) Convalescent Home Fire, Fountaintown, IN -- 20

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont

269. 1965 -- Aug 09, Titan II ICBM Silo Fire leading to Suffocation, near Searcy, AR -- 53
270. 1965 -- Nov 24, Natural Gas explosion/fire, Nat. Guard Armory dance, Keokuk, IA⁸⁹⁸-- 21
271. 1965 -- Dec 11, Arson Fire/Mass Murder, Seeley Club (Tavern), Chicago, IL⁸⁹⁹ -- 13
272. 1965 -- Dec 20, Arson Fire, Jewish Community Center, Yonkers, NY⁹⁰⁰ -- 12

273. 1966 -- Jan 06, Fire, Hotel Carlton (and Apartments), St. Paul, MN⁹⁰¹ --11-12
274. 1966 -- Jan 28, Paramount Hotel Fire, Boston, MA -- 11
275. 1966 -- Feb 5-6, Kerosene Heater Explodes, Fire, Rooming House, Miami, FL -- 10
276. 1966 -- Sep 12, Lane Hotel arson fire, Anchorage, AK⁹⁰² -- 14
277. 1966 -- Oct 17, Mercantile Building Fire, New York City, NY -- 12

1967 -- Jan 14, Row House (Cigarette) Fire, Philadelphia, PA -- 9
278. 1967 -- Feb 07, Dale's Penthouse Restaurant Fire, Montgomery, AL -- 25
1967 -- July 04, Fire, Shanty Family Residence, Oxford, ME -- 8
279. 1967 -- July 16, Riot, Fire, Prison Barracks/Camp, Berrydale, FL --37-38

280. 1968 -- Jan 09, Fire, Paper Box Factory and Tenement/Apt. House, Brooklyn, NY -- 13
281. 1968 -- Feb 16, Arson Fire, Randolph Tavern, 107 W. Reed St., Moberly, MO⁹⁰³ -- 12
282. 1968 -- Feb 11, Fire, Dwelling, Franklin, PA -- 11
283. 1968 -- Apr 05, Gas and Gunpowder Explosion, Fire, Richmond, IN -- 41
284. 1968 -- July 18, Fire, Dwelling (9 children, 2 adults), St. Albans sec., Queens, NY -- 11
285. 1968 -- Aug 31, In-Crowd Lounge/Apartment Fire (possibly Arson), Gary, IN -- 13

286. 1969 -- Feb 25, Fire, Rosen Architectural Office, Fifth Ave., Manhattan, NYC, NY -- 11
287. 1969 -- Apr 5, kerosene explosion/Fire, house, Oakwood Bayou community ~Dumas, AR-- 10
288. 1969 -- Apr 06, Fire, Wood-Frame Tenement/Apartment House, Bridgeport, CT -- 11
289. 1969 -- June 3, Fire, Apartment House, Kansas City, MO -- 12
290. 1969 -- June 8, Arson (Patricide), Bailey Family Home Fire, Parkersburg, WV⁹⁰⁴ -- 12
291. 1969 -- July 10, Fire, Farm Dwelling (laundry room), Posen, Presque Isle County, MI-- 10
292. 1969 -- Dec 18, Fire, Tenement, Brooklyn, NY -- 10

293. 1970 -- Jan 09, Convalescent Home Fire, Marietta, OH -- 32
294. 1970 -- Mar 20, Ozark Hotel ("flophouse"), Arson Fire, Seattle, WA⁹⁰⁵ -- 20

⁸⁹⁸ Cross-listed in Explosions. Seven died the night of the explosion and fire. The others died from burn injuries in hospitals over next several weeks.

⁸⁹⁹ Cross-listed in Violence-Mass Murder.

⁹⁰⁰ Cross-listed in Violence-Mass Murder.

⁹⁰¹ The largest loss of life reported by a newspaper we have seen is 11. The NFPA reports 11 in one source and 12 in another. Neale Ward reports 12 in *Firehouse*. It is unclear to me whether the loss of life was 11 or 12.

⁹⁰² Cross-listed in Violence-Arson.

⁹⁰³ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹⁰⁴ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹⁰⁵ Cross-listed in Violence-Arson, Manslaughter/Homicide.

295. 1970 -- Aug 05, Fire, Pensioner Rooming House, E. Hennepin, Minneapolis, MN --11-12
 296. 1970 -- Sep 13, Ponet Square Hotel Fire, Los Angeles, CA -- 19
 297. 1970 -- Dec 20, Pioneer International Hotel Arson Fire, Tucson, AZ⁹⁰⁶ -- 28

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont

298. 1971 -- Jan 14, Westminster Terrace Nursing Home Fire, Buechel KY -- 10
 299. 1971 -- Apr 25, Fire, Seventh Avenue Apartments Building, Seattle, WA -- 12
 1971 -- Sep 15, Fire/Suffocation, Lil-Haven Nursing Home, Salt Lake City, UT -- 6
 300. 1971 -- Oct 19, Fire, Geiger Nursing Home, TX Township, Honesdale, PA -- 15

 301. 1972 -- Jan 16, Pennsylvania House Hotel Fire, Tyrone, PA -- 12
 302. 1972 -- Jan 26, Fire, Green Nursing Home, Lincoln Heights, OH -- 10
 303. 1972 -- Apr 04, Fire, Fair Hills Nursing/Boarding Home, Rosecrans, WI -- 10
 304. 1972 -- May 05, Fire, Carver Nursing Home, Springfield, IL -- 10
 1972 -- June 17, Fire/building collapse, firefighters killed, Hotel Vendome, Boston, MA--9
 305. 1972 -- Sep 24, Plane Crash/Fire, Farrell's Ice Cream Parlor, Sacramento, CA⁹⁰⁷ -- 22
 306. 1972 -- Nov 30, Baptist Towers Senior Citizens Home Fire, Atlanta, GA -- 10

 307. 1973 -- Jan 29, Arson Fire, Street's Sheltered Care Rest Home, Pleasantville, NJ⁹⁰⁸ -- 10
 1973 -- Feb 07, Navy Corsair II Plane Crash/Apartment Bldg., Fire, Alameda, CA⁹⁰⁹-- 8-9
 308. 1973 -- Feb 10, Fire/Gas Explos./LNG Tank Concrete Roof Falls, Staten Island NY⁹¹⁰-- 40
 309. 1973 -- Jun 24, Arson Fire, gay UpStairs Cocktail Lounge, New Orleans, LA⁹¹¹ -- 32
 310. 1973 -- July 11, Fire, Apartment Bldg./Rooming House, Main St., Worcester, MA -- 10
 311. 1973 -- Sep 13, Fire, Washington Hill Nursing Home, Philadelphia, PA -- 11
 312. 1973 -- Sep 29, Arson Fire, Tenement, Eleventh & Willow, Hoboken, NJ⁹¹² -- 11
 313. 1973 -- Dec 04, Caley Nursing and Rehabilitation Center Fire, Wayne, PA -- 15

 314. 1974 -- Jun 30, Gulliver's Discotheque Fire, Port Chester, NY -- 24
 315. 1974 -- Aug 25, Washington House Hotel Fire, Berkeley Springs, WV -- 12

 316. 1975 -- June 9, Mattress set on Fire, spreads, Seminole County Jail, Sanford, FL -- 11
 317. 1975 -- July 07, Arson Fire, Pomona Hotel, Portland, OR⁹¹³ -- 12
 318. 1975 -- Dec 12, Fire, Apartment Building, San Francisco, CA -- 14
 1975 -- Dec 28, Fire, Breezy Point Inn, Island Lake, near Duluth, MN -- 6

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont.

⁹⁰⁶ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹⁰⁷ Cross-listed in Aviation.

⁹⁰⁸ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹⁰⁹ Cross-listed in Aviation. The pilot was believed to have died prior to the crash, one person on the ground killed by the crash, and eight by fire, with one additional death to an unattributed cause, possibly fire.

⁹¹⁰ Cross-listed in Explosions and in Structural/Construction. This was an LNG tank which was being cleaned and worked-on. A flash fire called a residual gas explosion which caused the tank concrete cap to fall on workers.

⁹¹¹ Cross-listed in Violence-Mass Murder.

⁹¹² Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹¹³ Cross-listed in Violence-Arson, Manslaughter/Homicide.

319.	1976 -- Jan 10, Pathfinder (residential) Hotel Natural Gas Explos./Fire, Fremont, NE ⁹¹⁴ --	20
320.	1976 -- Jan 30, Arson Fire, Wincrest Nursing Home, Chicago, IL	-- 24
321.	1976 -- Feb 04, Fire, Tenement House, New York, New York	-- 10
322.	1976 -- Oct 23, Puerto Rican Social Club Fire, Bronx, NY	-- 25
323.	1976 -- Dec 20, Fire, Apartment House, MacArthur Park, LA, CA	-- 10
324.	1976 -- Dec 22, Fire, Department Store, Fulton St., Brooklyn, NY	-- 12
325.	1976 -- Dec 23, Fire, Apartment House, Chicago, IL	-- 12
326.	1977 -- Jan 28, Stratford Hotel Fire, Breckenridge, MN	-- 16
327.	1977 -- May 28, Beverly Hills Supper Club Fire, Southgate, KY	-- 165
328.	1977 -- June 26, Arson Fire, Maury County Jail, Columbia, TN ⁹¹⁵	-- 42
329.	1977 -- Dec 10, Fire, Wenonah Park Building Apartments, Bay City, MI	-- 10
330.	1977 -- Dec 13, Fire, Providence College Women's Dormitory, Providence, RI	-- 10
331.	1978 -- Jan 28, Coates House Hotel Fire, Kansas City, MO	-- 20
332.	1978 -- Nov 05, Arson Fire, Allen Motor Inn, Honesdale, Wayne County, PA ⁹¹⁶	-- 12
333.	1978 -- Nov 05, Younkers Dept. Store Fire, Des Moines, IA	-- 10
334.	1978 -- Nov 26, Fire, Holiday Inn, Greece, NY	-- 10
335.	1978 -- Dec 07, Fire, Tenement House, Newark, NJ	-- 12
336.	1978 -- Dec 09, Mental Hospital Fire, Ellisville, MS	-- 15
337.	1979 -- Jan 20, Arson Fire, Tenement, Clinton Street, Hoboken, NJ ⁹¹⁷	-- 21
338.	1979 -- April 1, Fire, Marietta Manor private care home for elderly, Connellsville, PA--	10
339.	1979 -- April 2, Wayside Inn Boarding Home/Care Facility Fire, Farmington, MO	-- 25
340.	1979 -- Apr 11, Fire, Halfway House (Mental Impairment), Lamont Street, Wah. DC--	10
341.	1979 -- July 31, Arson Fire/smoke inhalation deaths, Holiday Inn, Cambridge, OH ⁹¹⁸ --	10
342.	1979 -- Oct 19, Typhoon/fuel bladder ruptures/barracks fire, USMC Camp Fuji, Japan--	13
343.	1979 -- Nov 11, Coats Boarding House Fire, Pioneer, OH	-- 14
344.	1979 -- Dec 27, Fire, Lancaster County Jail, Lancaster, SC	-- 11
345.	1980 -- July 24, Explosion/Fire, Vogue Metal Crafts Co./Metgal Mfg., Queens, NY ⁹¹⁹ --	11
346.	1980 -- July 26, Brinley Inn Boarding Home (Mental Impairment) Fire, Bradley Beach NJ--	24
347.	1980 -- Nov 21, MGM Grand Hotel Fire, Las Vegas, NV	-- 85
348.	1980 -- Dec 4, Fire, Conference Ctr. at Stouffer's Inn (possibly arson), ⁹²⁰ Harrison, NY	-- 26
349.	1980 -- Dec 18, Fire, Avalon Apartment Building, Salt Lake City, UT	-- 12

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont.

⁹¹⁴ Cross-listed in Explosions.

⁹¹⁵ Cross-listed in Violence-Arson.

⁹¹⁶ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹¹⁷ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹¹⁸ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹¹⁹ Cross-listed in Explosions.

⁹²⁰ A waiter was charged with arson and 26 counts of murder and found guilty by jury; however, the presiding judge overturned the verdict citing insufficient evidence. This act was appealed but upheld by State Supreme Court.

350.	1981 -- Jan 09, Fire, Beachview Rest Home (Sheltered Care Facility) Keansburg, NJ--	31
351.	1981 -- Jan 11, Single Family Home Fire, East St. Louis, IL	-- 11
352.	1981 -- March 14, Royal Beach (Residential) Hotel Fire, Chicago, IL	-- 19
353.	1981 -- Oct 24, Arson Fire, Apartment Bldg., 12 th and Washington, Hoboken, NJ ⁹²¹	-- 11
354.	1982 -- Mar 07, Westchase Hilton Hotel Fire, Houston, TX	-- 12
355.	1982 -- Apr 30, Arson Fire, Pinter (residential) Hotel, 14 th Street, Hoboken, NJ ⁹²²	-- 13
356.	1982 -- May 14, Row House Fire, Baltimore, MD	-- 10
357.	1982 -- July 5, Arson Fire, Apartment Building, Waterbury, CT ⁹²³	-- 14
358.	1982 -- Sep 4, Arson Fire, Dorothy Mae Apartments/Hotel, Los Angeles, CA ⁹²⁴	--24-25
359.	1982 -- Nov 8, Fire (intentionally set by inmate), Harrison County Jail, Biloxi, MS	-- 29
	1983 -- Aug 31, Fire, Mentally Handicapped Home, Annandale Village, Suwanee, GA--	8
	1983 -- Dec 9, Fire (careless smoking) Row House (five children), west Baltimore, MD--	8
360.	1984 -- Feb 8, Family Row-House Fire, Philadelphia (Kensington section), PA	-- 10
361.	1984 -- July 4, Arson, Elliott Chambers Rooming Home Fire, Beverly, MA ⁹²⁵	-- 15
362.	1984 -- July 24, Union Oil Co. Refinery Explosions and Fire, Romeoville, IL ⁹²⁶	-- 17
363.	1984 -- Oct 18, Arson Fire, Alexander Hamilton residential Hotel, Paterson, NJ ⁹²⁷	-- 15
364.	1985 -- May 13, Philadelphia Police Bomb MOVE, Rowhouse Fire, PA ⁹²⁸	-- 11
365.	1985 -- July 23, Fire, Elderly Boarding Home, Sweet Valley, PA	-- 10
366.	1986 -- Dec 31, Arson Fire Dupont Plaza Hotel and Casino, San Juan, Puerto Rico ⁹²⁹	-- 97
367.	1987 -- Sep 30, Residence Fire, Milwaukee, WI	-- 12
368.	1989 -- Jan 01, Rural House Fire, Remer, MN	-- 10
	1989 -- July 4, Home Fire, children, locked in house, River Park Drive, Louisville, KY--	6
369.	1989 -- Oct 05, Fire, Hillhaven Rehabilitation and Convalescent Center, Norfolk VA--	12
370.	1989 -- Dec 24, John Seiver Elderly Residence Fire, Johnson City, TN	-- 16
371.	1990 -- Mar 25, Arson Fire, Happy Land Social Club, Bronx, NY ⁹³⁰	-- 87
372.	1991 -- Feb 16, Fire (extension cord related), Apartment Bldg., New Britain, CT	-- 10
373.	1991 -- Mar 04, Crystal Springs Boarding Home Fire, Colorado Springs, CO	-- 10
374.	1991 -- Sep 03, Chicken Processing Plant Fire, Hamlet, NC	-- 25

⁹²¹ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹²² Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹²³ Cross-listed in Violence-Arson.

⁹²⁴ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹²⁵ Cross-listed in Violence-Arson.

⁹²⁶ Cross-listed in Explosions, because fires were started by explosions.

⁹²⁷ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹²⁸ Cross-listed in Violence-Governmental Use of Force.

⁹²⁹ Cross-listed in Violence-Arson.

⁹³⁰ Cross-listed in Violence-Arson.

375. 1991 -- Dec 9, West Side Apartment Building Fire, Humboldt Park, Chicago, IL -- 10

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont.

- 1992 -- Feb 13, Fire (space heaters or smoking) Row House (5 children), Camden NJ-- 8
376. 1992 -- June 2, Fire, Nu-Way Development Home (Adult Foster Care), Detroit, MI -- 10
- 1992 -- July 7, Arson Fire set by mother kills six of her children, Baltimore, MD⁹³¹ -- 6
- 1992 -- Nov 8, Fire (fireplace ashes in box), Home, South Jordan (~Salt Lake), UT -- 5
- 1992 -- Dec 5, Fire (apparently smoking in bed), Row House (8 children), Chester, PA-- 8
- 1992 -- Dec 17, Fire, four-family apartment building, Auburn, WA -- 5
377. 1993 -- Apr 19, FBI/ATF attack/fire, Branch Davidian Compound, Waco, TX⁹³² -- 75
- 1993 -- Feb 27, Arson Fire & Mass Murder, Apartment Building, Providence, RI⁹³³ -- 6
- 1993 -- Feb 28, Fire, Apartment Building (8 children, 1 adult), Ludington, MI -- 9
378. 1993 -- March 16, Fire, Paxton Hotel, Chicago, IL -- 20
379. 1993 -- May 3, Arson Fire, Apt./Tenement Bldg., Burlington Ave., Los Angeles, CA⁹³⁴--10
- 1994 -- Jan 9, Fire (clothing on heating grate), row house (6 children), Baltimore, MD-- 7
- 1994 -- Feb 26, Fire, from candle; rowhouse; power turned off, west Baltimore, MD-- 9
380. 1995 -- Apr 19, Terrorism, Alfred P. Murrah Federal bldg. Bombing, Oklahoma City⁹³⁵ 168
381. 1997 -- May 13, Fire, Board and Care Facility, Harvey's Lake, PA -- 10
382. 1998 -- March 22, Fire, Mt. Cabin, Spring Break Youth, Madisonburg Mt. ~Madisonburg, PA-- 11
383. 1999 -- Jan 1, Fire, Hatfield family home (from LP gas heater in garage), Ceylon, MN-- 6
384. 2001 -- Jan 03, Single Family Dwelling Fire, Oak Orchard, Sussex Ct., DE -- 11
385. 2001 -- Sep 11, World Trade Center Terrorist Attack and Fires, NYC, NY⁹³⁶ --2,666
386. 2003 -- Feb 20, Fire, Trampling, The Station Nightclub, West Warwick, RI⁹³⁷ -- 100
387. 2003 -- Feb 26, Fire (set by patient), Greenwood Nursing Home, Hartford, CT -- 16
388. 2003 -- Sep 25, Fire, National Healthcare Center Nursing Home, Nashville, TN -- 16
389. 2004 -- Sep 12, Arson Fire, Lincoln Park West Apts., Prairie Township, OH -- 10
390. 2005 -- March 10, Townhouse Mattress Fire, Marrero, LA -- 11
- 2005 -- May 21, Arson Fire, House during child's birthday sleepover, Cleveland, OH⁹³⁸-- 9

⁹³¹ Cross-listed in Violence-Arson.

⁹³² Cross-listed in Violence, Government Use of Force. While the Davidians died from multiple causes, fire and smoke caused by canisters fired into the compound caused deaths (including amongst the 25 children killed).

⁹³³ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹³⁴ Cross-listed in Violence – Arson.

⁹³⁵ Cross-listed in Violence and in explosions (almost 40% of 168 victims died from fire and smoke inhalation).

⁹³⁶ Cross-listed in Aviation and Violence-Terrorism.

⁹³⁷ Cross-listed in Violence-Crushing, Trampling, Suffocation.

⁹³⁸ Cross-listed in Violence – Arson.

FIRE – STRUCTURAL – **CHRONOLOGICAL** – Cont.

	2006 -- March 11, Fire, Residential, wood-burning stove probable cause, Shoals, IN--	6
	2006 -- March 11, Fire, two-story home, Evensville, Rhea County, TN	-- 9
	2006 -- Apr 7, Fire, Residential, Propane lantern ignites mtl. in mobile home, Jacksonville, FL--	6
	2006 -- July 20, Fire (over-heated refrigerator), Residential Home, Chickasha, OK	-- 7
391.	2006 -- Oct 31, Arson, Mizpah Hotel, North Lake St., Reno, NV ⁹³⁹	-- 12
392.	2006 -- Nov 27, Fire, Anderson Guest House (elderly/mentally-impaired), Anderson, MO--	11
	2007 -- Jan 13, Fire, Emmons Jr. Apartment Building, Huntington, WV	-- 9
393.	2007 -- Feb 06, Single-Family House Fire, Bardstown, KY	-- 10
394.	2007 -- March 7, Rowhouse Fire, Bronx, NY	-- 10
	2007 -- May 22, Fire (smoking materials), Row House, east Baltimore, MD	-- 8
	2007 -- June 18, Fire, Sofa Super (furniture) Store, Firefighters killed, Charleston, SC--	9
	2007 -- Oct 2, Fire, 1,000 deep tunnel at Xcel hydroelectric plant, Georgetown, CO	-- 5
	2007 -- Oct 28, Fire, Beach House (young college students), Ocean Isle Beach, NC	-- 7
395.	2008 -- April 3, Residential Fire, Brockway, PA	-- 10
	2010 -- Dec 14, Fire, Two Story Brick Row House Home, east Baltimore, MD	-- 6
	2010 -- Dec 28, Fire, Abandoned Warehouse used by homeless, New Orleans, LA	-- 8
	2013 -- Mar 09, Fire, Home (unknown cause), Man, Woman, 5 Children, Gray, KY	-- 7
	2014 -- Jan 30, Fire, home, linked to electric heater, Mom, children, Depoy, KY	-- 9
	2014 -- Feb 22, House Fire (parents and four children), Indianapolis, IN	-- 6
	2014 -- Aug 29, Mobile home fire (cause undetermined), just outside Garland, NC	-- 6
	2014 -- Nov 1, rooming house fire (landlord charged with manslaughter), Portland, ME--	6
396.	2016 -- Dec 2, Fire, rave party in warehouse, Fruitvale district, Oakland, CA	-- 36
397.	2017 -- Dec 28, Fire, boy, 3, playing with stove, apartment bldg., Belmont/Bronx, NY--	12

⁹³⁹ Cross-listed in Violence-Arson, Manslaughter/Homicide.

FIRE -- Structural -- Arson Subset⁹⁴⁰ -- Chronological

1.	1854 -- Apr 25, Arson Fire, Jennings Building (all firemen), Broadway, NY, NY	-- 11
2.	1885 -- Feb 12, Arson, Dept. for Insane, Blockley Almshouse, Philadelphia, PA	--19-20
3.	1900 -- Mar 12, Arson Fire (charged), Italian Tenement Building, Newark, NJ	-- 16
4.	1900 -- July 03, Arson Fire (alleged), Tenement, Adams and First Sts., Hoboken NJ	--13-14
5.	1932 -- June 7, Explos./Arson/Mass Murder, Ellington Apartments, Cleveland, OH	-- 13
6.	1935 -- Sep 29, Arson Fire, Tenement, Chicago, IL	-- 10
7.	1944 -- Mar 28, Arson Fire, New Amsterdam Hotel, San Francisco, CA	-- 22
8.	1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV ⁹⁴¹	-- 15
9.	1963 -- Nov 18, Fire (arson?), Surfside Hotel (elderly home), Atlantic City, NJ ⁹⁴²	-- 25
10.	1965 -- Dec 20, Arson Fire, Jewish Community Center, Yonkers, NY	-- 12
11.	1965 -- Dec 11, Arson Fire/Mass Murder, Seeley Club (Tavern), Chicago, IL	-- 13
12.	1966 -- Sep 12, Arson Fire, Lane Hotel, Anchorage, AK	-- 14
13.	1968 -- Feb 16, Arson Fire, Randolph Tavern, 107 W. Reed Street, Moberly, MO	-- 12
14.	1969 -- June 8, Arson (Patricide), Bailey Family Home Fire, Parkersburg, WV	-- 12
15.	1970 -- Mar 20, Ozark Hotel ("flophouse"), Arson Fire, Seattle, WA	-- 20
16.	1970 -- Dec 20, Pioneer International Hotel Arson Fire, Tucson, AZ	-- 28
17.	1973 -- Jan 29, Arson Fire, Street's Sheltered Care Rest Home, Pleasantville, NJ	-- 10
18.	1973 -- June 24, Arson Fire, gay UpStairs Cocktail Lounge, New Orleans, LA	-- 32
19.	1973 -- Sep 29, Arson Fire, Tenement, Eleventh & Willow, Hoboken, NJ	-- 11
20.	1975 -- July 7, Arson Fire, Pomona Hotel, Portland, OR	-- 12
21.	1976 -- Jan 30, Arson Fire, Wincrest Nursing Home, Chicago, IL	-- 24
22.	1977 -- June 26, Arson Fire, Maury County Jail, Columbia, TN	-- 42
23.	1978 -- Nov 05, Arson Fire, Allen Motor Inn, Honesdale, Wayne County, PA	-- 12
24.	1979 -- Jan 20, Arson Fire, Tenement, Clinton Street, Hoboken, NJ	-- 21
25.	1979 -- July 31, Arson Fire/smoke inhalation deaths, Holiday Inn, Cambridge, OH	-- 10
26.	1980 -- Oct 28, Apartment building arson fire kills children, South Side Chicago, IL	-- 10
27.	1981 -- Oct 24, Arson Fire, Apartment Bldg., 12 th and Washington, Hoboken, NJ	-- 11
28.	1982 -- Apr 30, Arson Fire, Pinter (residential) Hotel, 14 th Street, Hoboken, NJ ⁹⁴³	-- 13
29.	1982 -- Sep 04, Arson, Dorothy Mae Apartments/Hotel, Los Angeles, CA	--24-25
30.	1984 -- July 4, Arson, Elliott Chambers Rooming Home Fire, Beverly, MA	-- 15
31.	1984 -- Oct 18, Arson Fire, Alexander Hamilton residential Hotel, Paterson, NJ ⁹⁴⁴	-- 15
32.	1986 -- Dec 31, Arson Fire Dupont Plaza Hotel, San Juan, Puerto Rico	-- 97
33.	1990 -- Mar 25, Arson Fire, Happy Land Social Club, Bronx, NY	-- 87
	1992 -- July 7, Arson Fire set by mother kills six of her children, Baltimore, MD	-- 6
	1993 -- Feb 27, Arson Fire & Mass Murder, Apartment Building, Providence, RI	-- 6
34.	1993 -- May 3, Arson Fire, Apt./Tenement Bldg., Burlington Ave., Los Angeles, CA	-- 10
35.	2004 -- Sep 12, Arson Fire, Lincoln Park West Apartments, Prairie Township, OH	-- 10
	2005 -- May 21, Arson Fire, House during child's birthday sleepover, Cleveland, OH	-- 9
36.	2006 -- Oct 31, Arson, Mizpah Hotel, North Lake St., Reno, NV	-- 12

⁹⁴⁰ All Arson fires are cross-listed in Violence-Arson, Manslaughter/Homicide subset.

⁹⁴¹ Cross-listed in Explosions (gas can deliberately thrown into fire from kicked-over stove), and in Violence.

⁹⁴² Ex-mental patient and arsonist arrested and "confessed," but was not indicted. Cross-listed in Violence-Arson.

⁹⁴³ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹⁴⁴ Originally a hotel, but had become a low-rent apartment building.

Fire, Structural **Churches** subtype -- **Chronological**

1. 1875 -- May 27, Holyoke Catholic Church Fire, Holyoke, MA -- 75
2. 1964 -- May 23, Samoan Fire-Dance Fire, All Hallows Parish Hall, San Fran., CA -- 17

Fires, Structural**Commercial (Retail) (subtype) -- Chronological**

1. 1854 -- Apr 25, Arson Fire, Jennings Building (all firemen), Broadway, NY, NY⁹⁴⁵ -- 11
2. 1857 -- Apr 14, Fire, Warehouse wall/floor collapse, Charles Street, Baltimore, MD -- 12
3. 1957 -- Dec 5, Natural gas explosion/fire, five downtown businesses, Villa Rica, GA⁹⁴⁶ -- 12
4. 1865 -- Jun 9, Ordnance Building Explosion/Fire, Train sparks, Chattanooga, TN⁹⁴⁷ -- ~10
5. 1882 -- Jan 31, Fire, World Building (Com.), Park Row and Beekman St., NYC, NY -- 12
6. 1890 -- Mar 17, Fire/Bldg. Collapse on firemen, Bowen-Merrill Co., Indianapolis, IN -- 13
7. 1891 -- Dec 09, Fires, Bamberger & Candy/Fireworks bldgs., Main St., Louisville, KY-- 12
8. 1893 -- July 10, Fire, Columbia Exposition Cold Storage Warehouse, Chicago, IL --17-19
9. 1906 -- Oct 25, Fire, Chamber of Commerce Building, Kansas City, KS -- 15
10. 1909 -- Oct 30, Fire, Business District, St. Johnsbury, VT --10-11
11. 1910 -- Mar 25, Fire, L. Fish & Co. Furniture Store, Wabash Ave., Chicago, IL -- 12
12. 1919 -- Jan 07, Explosion & Fire, Film Exchange, Penn Ave., Pittsburg, PA⁹⁴⁸ --10-12
13. 1924 -- Feb 15, Fire, Lawrence Building, Main Street, Montpelier VT -- 11
14. 1947 -- May 14, Minerva Film Co. Fire, Rome, NY -- 23
15. 1947 -- July 29, Butane Gas Explos./fire, Pauline's Beauty School, Harrisonburg, VA⁹⁴⁹ -- 11
- 1949 -- Mar 04, Fire, Woolworth Dept. Store, firefighters killed, Charleston, WV -- 7
16. 1966 -- Oct 17, Mercantile Building Fire, New York City, NY -- 12
17. 1967 -- Feb 07, Dale's Penthouse Restaurant Fire, Montgomery, AL -- 25
18. 1969 -- Feb 25, Fire, Rosen Architectural Office, Fifth Ave., Manhattan, NYC, NY -- 11
19. 1972 -- Sep 24, Plane Crash/Fire, Farrell's Ice Cream Parlor, Sacramento, CA⁹⁵⁰ -- 22
20. 1976 -- Dec 22, Fire, Department Store, Fulton St., Brooklyn, NY -- 12
21. 1978 -- Nov 05, Younkers Department Store Fire, Des Moines, IA -- 10
- 2007 -- June 18, Fire, Sofa Super (furniture) Store, Firefighters killed, Charleston, SC -- 9

⁹⁴⁵ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹⁴⁶ Cross-listed in Explosions – there were fatalities from the explosion and from the resulting fire.

⁹⁴⁷ Cross-listed in Explosions.

⁹⁴⁸ Cross-listed in Explosions.

⁹⁴⁹ Cross-listed in Explosions – most, if not all, deaths were caused by the explosion and building destruction.

⁹⁵⁰ Cross-listed in Aviation.

Fires, Structural **Conflagration, Urban (subtype)** -- **Chronological**

1. 1845 -- July 19, Fire and Exp., New, Broad, Beaver, Broadway Sts., NYC, NY⁹⁵¹ -- 30
2. 1849 -- May 17, Fire, 27 Boats, much of Wharf & Business District, St. Louis, MO -- 3-20
3. 1850 -- July 09, Fire/Conflagration, Old City Philadelphia, PA -- 44
4. 1851 -- May 3-4, Conflagration, "Fifth Great Fire," San Francisco, CA -- ~14-~30
5. 1857 -- Oct 19, Fire, Brothel, Stores, Warehouses, S. Water Street, Chicago, IL -- 27
6. 1865 -- Feb 08, Conflagration Fire, Philadelphia, PA -- 20
7. 1871 -- Sep 15, Restaurant Fire, Conflagration, Powder Explosion, Pioche, NV -- 13
8. 1871 -- Oct 8-10, Conflagration, The Great Chicago Fire, IL --200-300
9. 1872 -- Nov 9-10, Conflagration ("Great Boston Fire of 1872"), Boston, MA --25-41
10. 1892 -- Oct 28, Conflagration, Milwaukee, WI -- 10
11. 1906 -- Apr 18, Earthquake, Fire, Landslides, San Francisco & vicinity, CA⁹⁵² --3,000-5,000
12. 1908 -- Apr 12, The Great Chelsea Fire/Conflagration of 1908, Chelsea, MA --15-19
- 1909 -- Apr 11, Urban Conflagration, Lenox, MA -- 6
13. 1940 -- July 30, Explosions/Conflagration, R. M. Hollingshead Plant, Camden, NJ⁹⁵³ -- 10

⁹⁵¹ Cross-listed in Explosions.

⁹⁵² Cross-listed in Earthquake and in Landslides, in that there were a small number of deaths due to slides.

⁹⁵³ Cross-listed in Explosions -- a series of explosions started the fires which became a conflagration.

Fire -- Hotels, Motels, Inns, Boarding Houses, Country Clubs – Temp. Lodging -- Chronological

1. 1858 -- Feb 20, Fire, Pacific Hotel, St. Louis, MO --21-30
2. 1870 -- Dec 25, Fire, Spotswood Hotel, Richmond, VA -- 9-12
3. 1872 -- Dec 10, Fire, Fifth Avenue Hotel, New York, NY -- 22
4. 1877 -- Apr 11, Southern Hotel Fire, St. Louis, MO --16-21

5. 1881 -- Dec 10, Lamp Fire, Boarding House, Rock Cut, ~Pittsburgh, PA --16-17
6. 1883 -- Jan 10, Fire (suspected arson), Newhall House (Hotel), Milwaukee, WI ---70--90
7. 1883 -- Mar 10, Fire, Boarding House, Brownsville, ND -- 11
8. 1883 -- Apr 07, Structural Failure and Fire, Ende Hotel, Greenville, TX⁹⁵⁴ --13-15
9. 1886 -- Dec 28, Fire, Steamer/Boarding House *Bradish Johnson*, Jackson, AL⁹⁵⁵ -- ~24
10. 1887 -- Mar 18, Fire, Richmond Hotel (Young Men's Assn.), Buffalo, NY -- 15
11. 1887 -- Mar 24, Fire, Colby Iron Mine Boarding House, Bessemer, MI -- 12
12. 1888 -- June 04, Fire, Mundine Hotel, Rockdale, TX -- 11

13. 1892 -- Feb 07, Fire, Hotel Royal, Fortieth Street & Sixth Avenue, NYC, NY --28-30
14. 1895 -- Dec 31, Fire, Delavan House (Hotel), Albany NY -- 16
15. 1898 -- Mar 13, Fire, Bowery Mission and Young Men's Home, NYC, NY -- 11
16. 1899 -- Mar 17, Fire, Windsor Hotel, Fifth Avenue, New York, NY -- 45

17. 1902 -- Feb 09, Fire, Empire Hotel lodging house, Olive Street, St. Louis, MO -- 11
18. 1902 -- Feb 22, Fire, Park Avenue Hotel, New York City, NY -- 20
19. 1902 -- Dec 04, Fire, Lincoln Hotel, Madison Street, Chicago, IL -- 14
- 1903 -- Feb 20, Fire, Clifton Hotel, Cedar Rapids, IA -- 6
20. 1903 -- Nov 21, Railroad Workmen "Shanty" Fire, near Lilly (~Johnstown), PA --31-35
21. 1906 -- Jan 10, West Hotel Fire, Minneapolis, MN -- 11
22. 1907 -- Sep 05, Fire, Webb Hotel, Shelton, WA --10-11
23. 1908 -- May 03, Fire, Aveline Hotel, Fort Wayne, IN -- 12

24. 1913 -- Feb 28, Dewey Hotel Fire and possible gas explosion, Omaha, NE -- 5-20
25. 1913 -- Dec 2, Fire, Arcadia Boarding House ("Hotel"/Flop House), Boston, MA -- 28
26. 1914 -- Mar 08, Fire, wall fall (17th) Missouri Athletic Club (Lodging), St. Louis, MO⁹⁵⁶ -- 37
- 1916 -- Mar 26, Fire, San Antonio Country Club, San Antonio, TX -- 6
27. 1919 -- Feb 06, Fire, Tokyo Rooming House, South Weller St., Seattle, WA -- 10

28. 1920 -- Sep 06, Fire, Houston Hotel, Klamath Falls, OR --10-14
29. 1921 -- Jan 30, Fire (cigarette), Colonial Hotel, Newark Street, Hoboken, NJ -- 13
30. 1922 -- Feb 07, Fire, Lexington Hotel, Richmond, VA -- 12
31. 1926 -- Jan 23, Fire, Lafayette Hotel, North Seventh Street, Allentown, PA -- 13
32. 1926 -- Feb 22, Fire, Schindler's Prairie House (Hotel), Hurleyville, NY --11-12
33. 1926 -- July 14, Fire, Twilight Inn, Haines Falls, NY -- 14

⁹⁵⁴ Cross listed in Structural Failures.

⁹⁵⁵ Cross-listed in Maritime.

⁹⁵⁶ Thirty fatalities from the March 8th fire and 7 fatalities from the March 17th Missouri Athletic Club wall fall.

34. 1929 -- Oct 17, Fire, Portland Hotel, First Avenue, Seattle, WA -- 10

Fire -- Hotels, Motels, Inns, Boarding Houses, Country Clubs, Temp. Lodging -- Chronological

- 1933 -- Feb 8-9, Millard Hotel Fire, firefighters killed by falling walls, Omaha, NE -- 7
35. 1934 -- Mar 24, Fire, Federal Transient Bureau Lodging, Lynchburg, VA -- 22
36. 1934 -- Dec 11, Kerns Hotel Fire, Grand Avenue, Lansing, MI -- 34
37. 1936 -- Feb 12, Fire, Victoria Mansion Hotel, Lexington & Seventh, Lakewood, NJ -- 16
38. 1938 -- May 17, Terminal Hotel Fire, Atlanta, GA -- 35
39. 1940 -- Jan 3, Fire, Marlborough (Apartment) Hotel, Minneapolis, MN -- 19
40. 1941 -- Feb 7, Fire, Salvation Army Homeless Shelter/Lodging, Akard St., Dallas, TX-- 13
- 1943 -- Feb 16, Fire, Rooming House, Augusta, ME -- 8
41. 1943 -- Sep 7, The Gulf Motel Fire, Houston, TX -- 54
42. 1943 -- Dec 24, Fire, Standard Hotel, West 42nd Street between 9th and 10th, NYC, NY-- 19
43. 1944 -- Mar 28, Arson Fire, New Amsterdam Hotel, San Francisco, CA⁹⁵⁷ -- 22
44. 1945 -- Jan 16, Fire, General Clark Hotel/Boarding House, N. Clark St., Chicago, IL -- 14
45. 1945 -- Jan 31, Fire, Lacoste Babies' Boarding Home & Nursery, Auburn, ME⁹⁵⁸ -- 17
46. 1945 -- May 7, Fire, Victory House (war workers lodging), Mobile, AL -- 12
47. 1946 -- June 5, LaSalle Hotel Fire, Chicago, IL -- 61
48. 1946 -- June 9, Canfield Hotel Fire, Dubuque, IA -- 19
49. 1946 -- Dec 7, Hotel Winecoff Fire, Atlanta, GA -- 119
50. 1955 -- Feb 12, Barton Hotel Fire, Chicago, IL -- 29
51. 1961 -- Jan 06, Thomas Hotel Fire, San Francisco, CA -- 20
52. 1963 -- Nov 18, Fire (arson?), Surfside Hotel (elderly home), Atlantic City, NJ⁹⁵⁹ -- 25
53. 1963 -- Dec 29, Hotel Roosevelt Fire, Jacksonville, FL -- 22
54. 1966 -- Jan 06, Fire, Hotel Carlton (and Apartments), St. Paul, MN⁹⁶⁰ --11-12
55. 1966 -- Jan 28, Paramount Hotel Fire (gas leak from Boylston St. pipe), Boston, MA -- 11
56. 1966 -- Sep 12, Lane Hotel arson fire, Anchorage, AK⁹⁶¹ -- 14
57. 1970 -- Mar 20, Arson Fire, Ozark Hotel ("flophouse"), Seattle, WA⁹⁶² -- 20
58. 1970 -- Sep 13, Ponet Square Hotel Fire, Los Angeles, CA -- 19
59. 1970 -- Dec 20, Arson Fire, Pioneer International Hotel, Tucson, AZ⁹⁶³ -- 28
60. 1972 -- Jan 16, Pennsylvania House Hotel Fire, Tyrone, PA -- 12
- 1972 -- June 17, Fire/building collapse, firefighters killed, Hotel Vendome, Boston, MA-- 9
61. 1974 -- Aug 25, Washington House Hotel Fire, Berkeley Springs, WV -- 12
62. 1975 -- July 07, Pomona Hotel Arson Fire, Portland, OR⁹⁶⁴ -- 12

⁹⁵⁷ Cross-listed in Violence subset Arson.

⁹⁵⁸ This was a boarding home for babies and children up to five. Cross listed in Orphanage, though this was not one.

⁹⁵⁹ Ex-mental patient and arsonist arrested and "confessed," but was not indicted.

⁹⁶⁰ The largest loss of life reported by a newspaper we have seen is 11. The NFPA reports 11 in one source and 12 in another. Neale Ward reports 12 in *Firehouse*. It is unclear to me whether the loss of life was 11 or 12.

⁹⁶¹ Cross-listed in Violence-Arson.

⁹⁶² Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹⁶³ Cross-listed in Violence-Arson, Manslaughter/Homicide.

1975 -- Dec 28, Fire, Breezy Point Inn, Island Lake, near Duluth, MN	--	6
63. 1976 -- Jan 10, Pathfinder (residential) Hotel Natural Gas Explos./Fire, Fremont, NE ⁹⁶⁵	--	20
64. 1977 -- Jan 28, Stratford Hotel Fire, Breckenridge, MN	--	16

Fire -- Hotels, Motels, Inns, Boarding Houses, Country Clubs, Temp. Lodging-Chronological

65. 1978 -- Jan 28, Coates House Hotel Fire, Kansas City, MO	--	20
66. 1978 -- Nov 05, Arson Fire, Allen Motor Inn, Honesdale, Wayne County, PA ⁹⁶⁶	--	12
67. 1978 -- Nov 26, Fire, Holiday Inn, Greece, NY	--	10
68. 1979 -- July 31, Arson Fire/smoke inhalation deaths, Holiday Inn, Cambridge, OH ⁹⁶⁷	--	10
69. 1980 -- Nov 21, MGM Grand Hotel Fire, Las Vegas, NV	--	85
70. 1980 -- Dec 4, Fire, Conference Ctr. at Stouffer's Inn (possibly arson), ⁹⁶⁸ Harrison, NY	--	26
71. 1981 -- March 14, Royal Beach (Residential) Hotel Fire, Chicago, IL	--	19
72. 1982 -- Mar 07, Westchase Hilton Hotel Fire, Houston, TX	--	12
73. 1982 -- Apr 30, Arson Fire, Pinter (residential) Hotel, 14 th Street, Hoboken, NJ ⁹⁶⁹	--	13
74. 1982 -- Sep 04, Arson Fire, Dorothy Mae Apartments/Hotel, Los Angeles, CA ⁹⁷⁰	--	24-25
75. 1984 -- July 4, Arson Fire, Elliott Chambers Rooming Home, Beverly, MA ⁹⁷¹	--	15
76. 1984 -- Oct 18, Arson Fire, Alexander Hamilton residential Hotel, Paterson, NJ ⁹⁷²	--	15
77. 1986 -- Dec 31, Arson Fire Dupont Plaza Hotel, San Juan, Puerto Rico ⁹⁷³	--	97
78. 1993 -- Mar 16, Fire, Paxton Hotel, Chicago, IL	--	20
79. 2006 -- Oct 31, Arson Fire, Mizpah Hotel, North Lake St., Reno, NV ⁹⁷⁴	--	12
2007 -- Oct 28, Fire, Beach House (young college students), Ocean Isle Beach, NC ⁹⁷⁵	--	7

⁹⁶⁴ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹⁶⁵ Cross-listed in Explosions.

⁹⁶⁶ Cross-listed in Violence-Arson.

⁹⁶⁷ Cross-listed in Violence-Arson.

⁹⁶⁸ A waiter was charged with arson and 26 counts of murder and found guilty by jury; however, the presiding judge overturned the verdict citing insufficient evidence. This act was appealed but upheld by State Supreme Court.

⁹⁶⁹ Cross-listed in Violence-Arson, Manslaughter/Homicide.

⁹⁷⁰ Cross-listed in Violence-Arson.

⁹⁷¹ Cross-listed in Violence-Arson.

⁹⁷² Cross-listed in Violence-Arson. (Originally a hotel, but had become a low-rent apartment building.)

⁹⁷³ Cross-listed in Violence-Arson.

⁹⁷⁴ Cross-listed in Violence-Arson.

⁹⁷⁵ Owned by a family, but used as a vacation and rental structure, not a home.

Fire -- Industrial, Production, Wholesale -- Factories, Manufacturing, Warehouses -- Chronological

1.	1833 -- Oct 04, Fire, Eagle Woolen Mills, Allegheny, PA	-- 13
2.	1841 -- Aug 20, Fire, Gunpowder Explosion, carpenter's shop, Syracuse, NY ⁹⁷⁶	-- 26
3.	1850 -- Feb 04, Boiler Explosion & Fire, Taylor & Co., Hague St., Manhattan, NY ⁹⁷⁷	--60-75
4.	1860 -- Jan 10, Build. Cave-in/Fire, Pemberton Cotton Mills, Lawrence, MA ⁹⁷⁸	88-200
5.	1864 -- Jun 17, Explosion/fire, Washington Arsenal, Greenleaf Pt., ⁹⁷⁹ District of Col. ⁹⁸⁰	-- 21
6.	1874 -- Sep 19, Fire, Granite Mill (Factory) No. 1, Fall River, MA	--23-25
7.	1877 -- Jun 08, Fire, Wall Failure, Sanford & Son's Hat Factory, Bridgeport, CT	--11-13
8.	1877 -- Dec 20, Fire, Greenfield Candy Works, Barclay St., NY, NY	-- 10
9.	1880 -- Dec 17, Fire, M.H. Birge & Co.'s "Manufactory," Buffalo, NY	-- 13
10.	1881 -- Oct 12, Fire, Randolph Cotton and Woolen Mill, Randolph St., Philly, PA	-- 9-12
11.	1883 -- Aug 23, George-Whiting Paper Mill Fire/Explosion, Menasha, WI	-- 16
12.	1885 -- May 21, Stove Explodes, Fire, Sullivan's Printing Bldg., Cincinnati, OH	-- 18
	1888 -- Aug 09, Fire, Wall Collapse, Caldwell & Griffith block, Chattanooga, TN	-- 5-7
13.	1888 -- Aug 22, Fire & Bleach Explosion, G. Whiting Paper Mill, Neenah, WI ⁹⁸¹	-- 18
	1888 -- Sep 02, Fire, Firefighters killed, Hopkins Place, Baltimore, MD	-- 7
14.	1888 -- Nov 09, Fire, Steam-Gauge and Lantern Works, Rochester, NY	--34-38
	1889 -- Nov 30, Fire, Tribune Building, Minneapolis, MN	-- 7
15.	1893 -- Feb 09, Fire, Strafford County Workhouse, near Dover, NH	-- 41
16.	1898 -- Feb 09, Fire & Explosions, Chautauqua Lake Ice Co. Bldg., Pittsburgh, PA ⁹⁸²	--14-20
17.	1898 -- Feb 26, Fire/Explosions, walls fall, Hall Brothers Chem., Kalamazoo, MI ⁹⁸³	-- 10
18.	1898 -- Mar 16, Fire/Explo., Ayer Bldg. (Mercantile), Wabash Ave., Chicago, IL ⁹⁸⁴	-- 16
19.	1900 -- Oct 29, Fire and Explosions, Tarrant & Co. Drug Warehouse, NYC, NY ⁹⁸⁵	--7->10
20.	1901 -- Oct 25, Fire, Hunt & Wilkinson Co. Furniture Warehouse, Philadelphia PA	--21-25
21.	1902 -- Oct 21, Fire/glucose tank explosion, Glucose Sugar Refinery, Chicago, IL	--11-12
22.	1904 -- June 04, Corning Distillery Fire, Explosions, Building Collapse, Peoria, IL	-- 15
23.	1905 -- Mar 20, Boiler Explos. & Fire, Grover & Co. Shoe Factory, Brockton, MA ⁹⁸⁶	-- 58
24.	1905 -- Sep 17, Fuse Factory Explosion & Fire, Avon, CT	-- 9-12
25.	1909 -- Nov 08, Explosion, Fire, Robert Morrison Comb Factory, Brooklyn NY ⁹⁸⁷	--10-12
26.	1910 -- Nov 26, Fire, Asch Factory, Orange & High Sts., Newark, NJ	-- 25
27.	1910 -- Dec 21, Fire, Friedlander Leather Remnants Factory, Philadelphia, PA	-- 14
28.	1910 -- Dec 22-23, Fire, Nelson-Morris Meatpacking Plant, Stockyards, Chicago, IL	-- 24
29.	1911 -- Mar 25, Fire, Triangle Shirtwaist Company, NYC, NY	--146-147
30.	1913 -- July 22, Binghamton Clothing Company Fire, New York City, NY	-- 35

⁹⁷⁶ Cross-listed in Explosions.

⁹⁷⁷ Cross-listed in Explosions.

⁹⁷⁸ Cross-listed in Structural Failures.

⁹⁷⁹ Now part of Fort McNair between the Washington Channel to the west and the Anacostia River to the southeast.

⁹⁸⁰ Cross-listed in "Explosions."

⁹⁸¹ Cross-listed in Explosions (the cause of most, if not all, of the deaths).

⁹⁸² Cross-listed in Explosions. It is not clear whether the fire or the first explosion came first. Most of the fatalities were explosion-related – walls falling and building components failing.

⁹⁸³ Cross-listed in Explosions -- all deaths were result of building failure following explosions, preceded by fire.

⁹⁸⁴ This was a mixed-use building with retail and wholesale commercial enterprises, as well as manufacturing.

⁹⁸⁵ Cross-listed in Fire in that a fire of undetermined source led to a series of explosions (which caused the fatalities).

⁹⁸⁶ Cross-listed in Explosions.

⁹⁸⁷ Not cross-listed in Explosions in that it appears that all the fatalities were fire-related.

Fire - Industrial, Production, Wholesale – Factories, Manufacturing, Warehouses - Chronological

31.	1915 -- Oct 25, Fire, Union Paper Box Company, Pittsburgh, PA	--	14
32.	1915 -- Nov 06, Fire, Essex Waist Co., Diamond Factory, Brooklyn, NY	--	12
	1916 -- Oct 17, Fire/poisonous fumes, Oakes Manufacturing Co., Long Island City, NY	--	9
33.	1918 -- July 02, Semet-Solvay Co. TNT Plant Fire/Explosions, Split Rock, NY ⁹⁸⁸	--	50
34.	1918 -- Sep 17, Fire, American Button Company Plant, Newark, NJ	--	11
35.	1921 -- Sep 14, Explosion/Fire, Atlantic Refining Co., Point Breeze, Philadelphia, PA ⁹⁸⁹	--	16
36.	1927 -- Apr 23, Fire/Explosions, Briggs Manufacturing Co., Detroit, MI	--	23
37.	1928 -- Feb 10, Vaporizer explos./fire, Beacon Oil Co. Refining Plant, Everett, MA ⁹⁹⁰	--	14
38.	1928 -- Apr 20, Fire, Alexander Industries Plane Plant, Englewood, CO	--	11
39.	1928 -- Nov 08, Explosion, Fire, Preble Box Toe Co. Plant and house, Lynn, MA ⁹⁹¹	--	20-21
40.	1929 -- Dec 10, Fire (lamp), Pathe Film Studio, Manhattan, NYC, NY	--	10
41.	1933 -- Jun 09, Fire, Atlantic Pyroxylin Waste Co., North Arlington, NJ	--	10
42.	1940 -- July 30, Explosions/Conflagration, R. M. Hollingshead Plant, Camden, NJ ⁹⁹²	--	10
43.	1941 -- Feb 05, Fire, New Haven Quilt and Pad Company, New Haven, CT	--	10
44.	1944 -- Oct 20, LNG Tank Explosions & Fire, East Ohio Gas Co., Cleveland, OH ⁹⁹³	--	128-136
45.	1945 -- Aug 13, Fire, Export Box & Sealer Co. Packing Plant, Grand Ave., Detroit, MI	--	15
46.	1946 -- Jan 28, Gasoline fumes ignite, fire, Tinker Field Hangar ~Oklahoma City, OK	--	10
47.	1947 -- Apr 02, Explosion and fire, Lawrence Brown Fireworks Plant, Clinton, MO ⁹⁹⁴	--	12
	1950 -- July 16, Fire, lead and zinc smelting plant, Lark, UT	--	5
48.	1951 -- Sep 17, Shell Refinery cracking unit Explos./Fire, Roxana, Wood River, IL ⁹⁹⁵	--	18
49.	1953 -- Mar 11, Fire, fermentation bldg. under construct., Anheuser-Busch, Newark NJ	--	13
50.	1954 -- Oct 28, Fire/Chem. Tank Explos., Charles W. Berg Labs, Philadelphia, PA	--	10
51.	1956 -- July 29, Fire/Explosion, McKee tank farm, Shamrock Oil & Gas, Dumas, TX ⁹⁹⁶	--	19
52.	1956 -- Dec 03, Luckenbach Steamship Pier Fire, Detonators Explode, Brooklyn, NY ⁹⁹⁷	--	10
53.	1957 -- Jan 24, M. Baer Dress Co. Factory Fire, New Haven, CT	--	15
54.	1958 -- March 19, Fire and Floor Collapse, Monarch Underwear Co., NYC, NY	--	24
55.	1973 -- Feb 10, Fire/Gas Explos./LNG Tank Concrete Roof Falls, Staten Island NY ⁹⁹⁸	--	40
56.	1984 -- July 24, Union Oil Co. Refinery Explosions and Fire, Romeoville, IL ⁹⁹⁹	--	17
57.	1991 -- Sep 03, Chicken Processing Plant Fire, Hamlet, NC	--	25
	2007 -- Oct 2, Fire, 1,000 deep tunnel at Xcel hydroelectric plant, Georgetown, CO	--	5
	2010 -- Dec 28, Fire, Abandoned Warehouse used by homeless, New Orleans, LA	--	8

⁹⁸⁸ Cross-listed in Explosions.

⁹⁸⁹ Cross-listed in Explosions.

⁹⁹⁰ Cross-listed in Explosions. Most deaths were from the vaporizer explosion and a few from the resulting fire.

⁹⁹¹ Cross-listed in Explosions. Besides deaths in the factory, seven people in adjoining house-fire died.

⁹⁹² Cross-listed in Explosions -- a series of explosions started the fires which became a conflagration.

⁹⁹³ Cross-listed in Explosions. At least 32 died in fires in nearby houses.

⁹⁹⁴ Cross-listed in Explosions.

⁹⁹⁵ Cross-listed in Explosions.

⁹⁹⁶ Cross-listed in Explosions. A fire was precipitating event – all deaths were due to the explosion.

⁹⁹⁷ Cross-listed in Explosions. Fire was the precipitating event. All deaths, though, were due to the explosion.

⁹⁹⁸ Cross-listed in Explosions and in Structural/Construction. This was an LNG tank which was being cleaned and worked-on. A flash fire called a residual gas explosion which caused the tank concrete cap to fall on workers.

⁹⁹⁹ Cross-listed in Explosions, because fires were started by explosions.

Fires, Structural **Institutional – Hospitals** subtype -- **Chronological**

1. 1892 -- Jan 21, Fire, Surgical Institute, Illinois and Georgia streets, Indianapolis, IN -- 19
2. 1923 -- Feb 18, Manhattan State Hospital Fire, Ward's Island, NY -- 27
3. 1929 -- May 15, Cleveland Clinic (Hospital) Fire, Cleveland, OH -- 125
4. 1945 -- Dec 24, Fire, Niles Street Convalescent Hospital, Hartford, CT -- 21
5. 1949 -- Apr 4-5, St. Anthony's Hospital Fire, Effingham, IL -- 74
6. 1950 -- Jan 07, Mercy Hospital Fire, Davenport, IA -- 41
- 1956 -- Dec 23, Fire, Xmas tree wiring short circuit, Doctors' Hosp., Minneapolis, MN-- 7
7. 1961 -- Dec 8, Fire, Hartford Hospital, Hartford, CT -- 16

Fires, Structural**Institutional – Mental Asylums, Boarding Homes -- Chronological**

1. 1850 -- Dec 03, Fire, Maine Insane Asylum, Augusta, ME -- 28
2. 1880 -- Nov 15, Fire, Minnesota State Asylum for Insane, St. Paul, MN --24-30
3. 1885 -- Jan 18, Fire, Illinois Eastern Hospital for Insane, Kankakee, IL -- 18
4. 1885 -- Feb 12, Arson Fire, Dept. for Insane, Blockley Almshouse, Philadelphia, PA¹⁰⁰⁰-19-20
5. 1891 -- March 13, Fire, Central Tennessee Insane Asylum, near Nashville, TN --10-11
6. 1899 -- Feb 12, Fire, State Insane Asylum, near Yankton, SD -- 17
7. 1902 -- June 09, Fire, St. Luke's Society Sanitarium, Wabash / 21st, Chicago, IL --12-13
8. 1918 -- Apr 13, State Hospital for the Insane Fire, Norman, OK --37-39
9. 1919 -- May 19, Mental Asylum Fire in Columbia, SC -- 16
10. 1943 -- Jan 31, Fire, Lake Forest Park Sanitarium,¹⁰⁰¹ Lake Forest Park, WA -- 32
- 1948 -- Mar 10/11, Fire, Highland Hospital for Nervous Disorders, Asheville, NC -- 9
11. 1952 -- Nov 26, Fire, Female Ward, Huntington State Mental Hosp., Huntington, WV -- 17
12. 1978 -- Dec 09, Mental Hospital Fire, Ellisville, MS -- 15
13. 1979 -- Apr 11, Fire, Halfway House (Mental Impairment), Lamont Street, Wash. DC -- 10
14. 1980 -- July 26, Brinley Inn Boarding Home (Mental Impairment) Fire, Bradley Beach, NJ-- 24
- 1983 -- Aug 31, Fire, Mentally Handicapped Home, Annandale Village, Suwanee, GA-- 8
15. 1992 -- June 2, Fire, Nu-Way Development Home (Adult Foster Care), Detroit, MI -- 10
16. 2006 -- Nov 27, Fire, Anderson Guest House (elderly/mentally-impaired), Anderson, MO¹⁰⁰²-11

¹⁰⁰⁰ Cross-listed in Violence-Arson.

¹⁰⁰¹ For elderly, invalids and persons suffering from mental disabilities. Lake Forest Park is just north of Seattle.

¹⁰⁰² Cross-listed in Structural Fire subset – Institutional – Nursing, Convalescent, Elderly Boarding, Retirement.

Fires - Institutional - Nursing, Convalescent, Elderly Boarding, Retirement Homes - Chronological

1.	1876 -- March 7, Fire, Home for the Aged, East Brooklyn, NY	--	18
	1916 -- Dec 22, Fire, Kansas Masonic Charity Home, Wichita, KS ¹⁰⁰³	--	5
2.	1931 -- July 24, Home for the Aged Fire, Pittsburgh, PA	--	48
3.	1934 -- Feb 20, Fire, Penn. Mem. Home/Hosp. (Civil War veterans widows), Brookville, PA--		10
	1943 -- Feb 11, Fire and Suffocation (elderly), Convalescent Home, Sioux Falls, SD	--	7
4.	1946 -- Feb 02, Explosion/Fire, Jennings Hall Home for Aged, Garfield Heights, OH	--	14
	1948 -- March 23, Fire, Ward's Rest/Convalescent Home for elderly, north Omaha, NE--		8
5.	1950 -- Dec 22, Fire, Walker Convalescent Home (for Elderly), near Amarillo, TX	--	10
6.	1951 -- Jan 30, Convalescent Home Fire, Hoquiam, WA	--	21
7.	1952 -- Oct 31, Nursing Home Fire, Hillsboro, MO	--	20
8.	1953 -- Mar 29, Fire, Littlefield Nursing Home, Largo, FL ¹⁰⁰⁴	--	33-35
9.	1956 -- July 30, Reagan Nursing Home Fire, Puxico, MO	--	12
10.	1957 -- Feb 13, Fire, Council Bluffs Convalescent Home, Council Bluffs, IA	--	16-17
11.	1957 -- Feb 17, Katie Jane Nursing Home Fire, Warrington, MO	--	72
12.	1963 -- Nov 18, Fire (arson?), Surfside Hotel (elderly home), Atlantic City, NJ ¹⁰⁰⁵	--	25
13.	1963 -- Nov 23, Golden Age Nursing Home Fire, Fitchville, OH	--	63
14.	1964 -- Dec 18, Maples (McGraw) Convalescent Home Fire, Fountaintown, IN	--	20
15.	1970 -- Jan 09, Harmer House Convalescent/Nursing Home Fire, Marietta, OH	--	32
16.	1970 -- Aug 05, Fire, Pensioner Rooming House, E. Hennepin, Minneapolis, MN ¹⁰⁰⁶	--	11-12
17.	1971 -- Jan 14, Westminster Terrace Nursing Home Fire, Buechel KY	--	10
	1971 -- Sep 15, Fire/Suffocation, Lil-Haven Nursing Home, Salt Lake City, UT	--	6
18.	1971 -- Oct 19, Fire, Geiger Nursing Home, TX Township, Honesdale, PA	--	15
19.	1972 -- Jan 26, Fire, Green Nursing Home, Lincoln Heights, OH	--	10
20.	1972 -- Apr 04, Fire, Fair Hills Nursing/Boarding Home, Rosecrans, WI	--	10
21.	1972 -- May 05, Fire, Carver Nursing Home, Springfield, IL	--	10
22.	1972 -- Nov 30, Baptist Towers Senior Citizens Home Fire, Atlanta, GA	--	10
23.	1973 -- Jan 29, Arson Fire, Street's Sheltered Care Rest Home, Pleasantville, NJ ¹⁰⁰⁷	--	10
24.	1973 -- Sep 13, Fire, Washington Hill Nursing Home, Philadelphia, PA	--	11
25.	1973 -- Dec 04, Caley Nursing and Rehabilitation Center Fire, Wayne, PA	--	15
26.	1976 -- Jan 30, Arson Fire, Wincrest Nursing Home, Chicago, IL	--	24
27.	1979 -- April 1, Fire, Marietta Manor private care home for elderly, Connellsville, PA--		10
28.	1979 -- April 2, Wayside Inn Boarding Home/Care Facility Fire, Farmington, MO	--	25
29.	1979 -- Nov 11, Coats Boarding/Nursing House Fire, Pioneer, OH	--	14
30.	1981 -- Jan 09, Fire, Beachview Rest Home (Sheltered Care Facility) Keansburg, NJ	--	31
31.	1985 -- July 23, Fire, Elderly Boarding Home, Sweet Valley, PA	--	10
32.	1989 -- Oct 05, Fire, Hillhaven Rehabilitation and Convalescent Center, Norfolk, VA	--	12
33.	1989 -- Dec 24, John Seiver Elderly Residence Fire, Johnson City, TN	--	16
34.	1991 -- Mar 04, Crystal Springs Estates Boarding Home Fire, Colorado Springs, CO	--	10

¹⁰⁰³ This was also an orphanage, but none of the fatalities were children. Section of home that burned was for elderly Masonic Lodge members.

¹⁰⁰⁴ 32 patients and a nurse died in the fire. A patient on way to a hospital and car driver were killed in an accident.

¹⁰⁰⁵ Ex-mental patient and arsonist arrested and "confessed," but was not indicted.

¹⁰⁰⁶ Cross-listed in Structural Fire subset of Apartment/Boarding/Rooming House Fires. Most victims were retirees.

¹⁰⁰⁷ Cross-listed in Violence-Arson, Manslaughter/Homicide.

35. 1997 -- May 13, Fire, Board and Care Facility, Harvey's Lake, PA -- 10

Fires - Institutional - Nursing, Convalescent, Elderly Boarding, Retirement Homes-Chronological (cont.)

36. 2003 -- Feb 26, Fire (set by patient), Greenwood Nursing Home, Hartford, CT -- 16

37. 2003 -- Sep 25, Fire, National Healthcare Center Nursing Home, Nashville, TN -- 16

38. 2006 -- Nov 27, Fire, Anderson Guest House (elderly/mentally-impaired), Anderson, MO¹⁰⁰⁸-

11

¹⁰⁰⁸ Cross-listed in Structural Fire subset – Institutional – Mental Asylums, Boarding Homes.

Fires, Structural -- **Institutional – Orphanages** -- **Chronological**

1. 1822 -- Jan 24, Fire, Philadelphia Orphan Asylum, Schuylkill & Cherry, Philly PA -- 23
1851 -- Oct 15, Fire Orphan Asylum, Cincinnati, OH -- 6
2. 1881 -- Feb 27, Fire, St. Patrick's Orphanage, Scranton, PA -- 17
3. 1884 -- Dec 18, Fire, St. John's Home Catholic Orphan Asylum, Brooklyn, NY --23-25
4. 1901 -- Jan 08, Fire/Boiler Explosion, Orphan Asylum, Rochester, NY -- 31
1909 -- Aug 30, Fire, St. Malachy's Home for Children, Far Rockaway Beach, NY -- 7
1912 -- Oct 30, Fire, St. John's Orphanage, San Antonio, TX -- 7-8
5. 1945 -- Jan 31, Fire, Lacoste Babies' Boarding Home & Nursery, Auburn, ME¹⁰⁰⁹ -- 17
1958 -- Nov 27, Fire, Mary Flake Home for Handicapped Children, Warr Acres, OK -- 5

¹⁰⁰⁹ This was a boarding home for babies and children up to five. Cross listed in Orphanage, though this was not one.

Fires, Structural -- Institutional – Pauper/Poor Houses/Farms -- Chronological

1. 1878 -- Apr 7, Fire, Steuben County House (poor house/insane asylum), Bath, NY --15-16
 2. 1881 -- Jan 07, Fire, Strafford County Farm [for paupers], near Dover, NH --13-15
 3. 1884 -- Apr 30, Fire, Van Buren County, MI Poorhouse, near Harford, MI --13-15
 4. 1890 -- May 07, Fire, Chenango Co. Poorhouse & Asylum, Preston, NY -- 13
- 1944 -- April 13, Fire, Douglas County Home (for the poor), near Lawrence, KS -- 8
- 1935 -- Jan 1, Fire, Cherokee County Home for elderly men dormitory, Gaffney, SC -- 5

Fire - Institutional - Penal: Jails, Penitentiaries, Prisons, Prison Camps, Work Houses - Chron.

1. 1866 -- Jan, Fire Jail and City Guard House, Marietta, GA -- 13
2. 1913 -- July 21, Fire, Convict Cage, Oakley Convict Farm, Hinds County, MS -- 35
3. 1916 -- Mar 06, Jail Fire, "El Holocausto," or the "Jail Holocaust," El Paso, TX --18-30
4. 1930 -- Apr 22, Ohio State Penitentiary Fire, Columbus, OH --320-322
5. 1931 -- Mar 17, Fire, Stockade, County Jail, Kenansville, NC -- 11
6. 1950 -- Mar 08, Fire, prisoner jail, Sandia Secret Weapons Base, Albuquerque, NM -- 15
7. 1959 -- Mar 5, Fire, Negro Boys Industrial School Reformatory Dorm, Wrightsville AR-- 21
8. 1967 -- July 16, Riot, Fire, Prison Barracks/Camp, Berrydale, FL --37-38
9. 1975 -- June 9, Mattress set on Fire, spreads, Seminole County Jail, Sanford, FL -- 11
10. 1977 -- June 26, Arson Fire, Maury County Jail, Columbia, TN¹⁰¹⁰ -- 42
11. 1979 -- Dec 27, Fire, Lancaster County Jail, Lancaster, SC -- 11
12. 1982 -- Nov 08, Fire (intentionally set by inmate), Harrison County Jail, Biloxi, MS -- 29

¹⁰¹⁰ Cross-listed in Violence-Arson.

Fires, Structural -- **Institutional – Schools and Colleges** subtype -- **Chronological**

1. 1884 -- Jan 05, Fire, Immaculate Conception Academy (Conv./School), Belleville, IL -- 32
2. 1903 -- Dec 18, Fire, Women's Dormitory, Walden University, Nashville, TN -- 9-15
3. 1908 -- Mar 04, Fire, Trampling, Lake View Elem. School, Collinwood, OH¹⁰¹¹ --172-178
4. 1915 -- Oct 28, Fire, Trampling, St. John's Parochial School, Peabody, MA¹⁰¹² -- 21
5. 1916 -- Oct 05, Fire, Christian Brothers College, St. Louis, MO -- 10
6. 1923 -- May 17, Fire, Cleveland School District, Kershaw County, near Camden, SC -- 77
7. 1924 -- May 31, Fire, Hope Development School, Playa Del Rey, near Venice CA -- 24
8. 1924 -- Dec 24, Babbs Switch School Fire, Hobart, OK -- 36
9. 1954 -- Mar 31, Cleveland Hill Elementary School Fire, Cheektowaga, NY -- 15
10. 1958 -- Dec 01, Our Lady of the Angels Elementary School Fire, Chicago, IL -- 95
11. 1977 -- Dec 13, Fire, Providence College Women's Dormitory, Providence, RI -- 10

¹⁰¹¹ Cross-listed in Violence-Crushing, Trampling, Suffocation.

¹⁰¹² Cross-listed in Violence subsection: Crushing, Trampling, Suffocation. Most of the girls died at the door block.

Fires, Structural -- **Maritime (Docks subtype)** -- **Chronological**

1. 1900 -- Jun 30, Fire, Lloyd Steamship Piers, Ships, Hoboken, NJ¹⁰¹³ --300-400
2. 1941 -- Aug 18, Fire, NY & Cuba Mail Steam Ship Co. Piers, *Panuco*, Brooklyn, NY --34-35
3. 1956 -- Dec 03, Luckenbach Steamship Pier Fire, Detonators Explode, Brooklyn, NY¹⁰¹⁴ --
10
4. 1960 -- Dec 19, Fire, *U.S.S. Constellation*, New York Naval Shipyard, NY -- 50

¹⁰¹³ Cross-listed under Maritime Disasters, Explosions/Fires.

¹⁰¹⁴ Cross-listed in Explosions. Fire was the precipitating event. All deaths, though, were due to the explosion.

Fires - Nightclubs/Dance/Gambling Halls/Supper/Social Clubs, Cocktail Lounge - Chronological

1. 1867 -- Jun 18, Fire, Saloon, near Rock Island Railroad Depot, Chicago, IL --10-11
2. 1894 -- Dec 24, Fire, Chrisman Bros. Hall, Silver Lake, Lake County, OR -- 43
3. 1919 -- Nov 22, Stove Explosion/Fire/Crushing, Dance Hall/Store, Ville Platte LA¹⁰¹⁵ --25-28
4. 1929 -- Sep 20, Study Club Dance Hall Fire, Detroit, MI -- 22
5. 1940 -- April 23, Rhythm Night Club fire/suffocation/trampling, Natchez, MS -- 209
6. 1942 -- Nov 28, Fire/trampling/suffocation, Cocoonut Grove Nightclub, Boston, MA¹⁰¹⁶--
498
7. 1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV¹⁰¹⁷--
15
8. 1955 -- Aug 10, Explosion (sewer gas?) & Fire, Gateway Restaurant, Andover, OH¹⁰¹⁸--
22
9. 1956 -- Jan 29, MD Oyster Roast Fire, Arundel Park Hall, Brooklyn MD -- 11
10. 1965 -- Dec 11, Arson Fire, Seeley Club (Tavern), Chicago, IL¹⁰¹⁹ -- 13
11. 1965 -- Dec 20, Arson Fire, Jewish Community Center, Yonkers, NY¹⁰²⁰ -- 12
12. 1968 -- Feb 16, Arson Fire, Randolph Tavern, 107 W. Reed Street, Moberly, MO¹⁰²¹ -- 12
13. 1973 -- Jun 24, Arson Fire, UpStairs Cocktail Lounge (gay), New Orleans, LA¹⁰²² -- 32
14. 1974 -- Jun 30, Gulliver's Discotheque Fire, Port Chester, NY -- 24
15. 1976 -- Oct 23, Puerto Rican Social Club Fire, Bronx, NY -- 25
16. 1977 -- May 28, Beverly Hills Supper Club Fire, Southgate, KY -- 165
17. 1990 -- Mar 25, Arson Fire, Happy Land Social Club, Bronx, NY¹⁰²³ -- 87
18. 2003 -- Feb 20, Fire, Trampling, The Station Nightclub, West Warwick, RI¹⁰²⁴ -- 100
19. 2016 -- Dec 2, Fire, rave party in warehouse, Fruitvale district, Oakland, CA¹⁰²⁵ -- 36

¹⁰¹⁵ Cross-listed in Explosions and in Violence/Trampling.

¹⁰¹⁶ Cross-listed in Violence-Crushing, Trampling, Suffocation.

¹⁰¹⁷ Cross-listed in Explosions (gas can deliberately thrown into fire from kicked-over stove), and in Violence.

¹⁰¹⁸ Cross-listed in Explosions.

¹⁰¹⁹ Cross-listed in Violence-Arson.

¹⁰²⁰ Cross-listed in Violence-Arson.

¹⁰²¹ Cross-listed in Violence-Arson.

¹⁰²² Cross-listed in Violence-Arson.

¹⁰²³ Cross-listed in Violence-Arson.

¹⁰²⁴ Cross-listed under Violence-Crushing, Trampling, Suffocation.

¹⁰²⁵ Location was an artist work/illegal living warehouse. The occasion was a music and dance party.

Fires, Structural -- Residences/Houses -- Chronological

	1891 -- Apr 06, Fire, 3 tenement/store houses, NY St., Rochester, Beaver Co., PA	--	9
	1902 -- Aug 24, Residential House Fire kills children, Portland, ME	--	5
1.	1905 -- Jan 03, Entire Noweski Family Killed, Fire, Morris Run, PA	--	10
2.	1941 -- Oct 28, Home Fire, Montclair, NJ	--	12
	1944 -- Mar 06, Children die in home fire, York Beach, ME	--	7
	1944 -- Dec 30, Residential Home Fire, Columbus, IN	--	8
3.	1949 -- Mar 03, Kerosene Explosion and Fire, Residential, Lakewood, MI	--	11
	1950 -- Mar 02, Residential family home fire, Monson, ME	--	8
	1954 -- Jan 04, Fire, Residential Home, 5 Children Die, Oglethorpe, GA	--	5
	1954 -- Jan 04, Fire, Home Oil Space Heater Explodes, Old Orchard Beach, ME	--	5
	1954 -- Jan 21, Stove Explodes, Home Burns, mother and 4 children die, Gordon, NE	--	5
	1954 -- Mar 19, Kerosene explodes, home woodstove, Spider Ridge, ~Parkersburg, WV ¹⁰²⁶	--	
9			
	1954 -- Apr 03, Explosion/fire, kerosene poured in home stove, Glouster, OH ¹⁰²⁷	--	6
	1954 -- Apr 03, Fire Mother and Six Children Die, Farm House near Tuttle, ND	--	7
	1954 -- Apr 10, Explosion, kerosene put in home stove, fire, Columbia, AL ¹⁰²⁸	--	7
	1954 -- Aug 23, Children die in residential home fire, Waterville, ME	--	5
4.	1954 -- Dec 24, Explos./fire, kerosene thrown in stove, tenant farmhouse ~Parkin, AR ¹⁰²⁹	--	13
	1955 -- Jan 31, Fire (mother and children), Home Oil Stove, Lakeview, GA	--	5
	1955 -- Feb 01, Home Fire, all children, Chuckatuck, VA	--	6
5.	1958 -- Apr 05, Home Fire, Porter Township, near Jersey Shore and Williamsport, PA	--	10
	1959 -- Jan 05, Fire, residential, coal-burning stove, Winstonville, Bolivar County, MS	--	6
6.	1959 -- Jan 08, Home Wood Stove Fire (15 children and woman), Boswell, OK	--	16
	1959 -- Jan 20, Fire (exploding stove?), residence, children killed, Ashland, ME	--	6
	1959 -- Feb 15, Home Fire, thought to be from Coal Cooking Stove, Pinson Fork, KY	--	5
7.	1959 -- Mar 15, Fire, Farm House (10 children and farmer), Cross Hill, SC	--	11
	1959 -- Mar 16, Fire, residence (father and five children), Superior, WI	--	6
	1959 -- Mar 29, Fire, residence, children killed, Danielstown, Brunswick County, VA	--	7
	1959 -- Apr 25, Fire, Waldrop residence, Hill City, near Calhoun, GA	--	6
	1959 -- Apr 28, Fire, coal-burning stove explosion, Nayakik residence, Point Barrow, AK	--	8
	1960 -- Mar 27, Home Fire kills widow and five children, Winthrop, ME	--	6
8.	1961 -- Mar 28, Residential fire (lightning?), Alex Whitehead home, Dotsonville, TN ¹⁰³⁰	--	12
9.	1962 -- Jan 15, Fire, Paladino home, Catholic Point community ~Center Ridge, AR	--	10

¹⁰²⁶ Cross-listed in Explosions. Burning kerosene was thrown on some if not all victims; home burned to ground.

¹⁰²⁷ Cross listed in Explosions.

¹⁰²⁸ Cross-listed in Explosions.

¹⁰²⁹ Cross-listed in Explosions. The deaths were caused by burning fuel thrown onto the victims.

¹⁰³⁰ Cross-listed in Lightning.

- 10. 1963 -- Feb 21, Farm/tenant home Fire, near Luxora, AR -- 10
- 11. 1963 -- Feb 23, Home Fire (Paul Saville family--wife, 8 children), Morehouse, MO -- 10
- 1963 -- Apr 23, Residential Fire, River Park Drive, Louisville, KY -- 7
- 1963 -- Dec 16, Children die, Duplex home fire, space heater spilled oil, Portland, ME-- 6
- 12. 1963 -- Dec 25, Oil Heater explodes/house burns (Johnson children), Charleston, SC -- 13
- 13. 1964 -- Feb 22, House Fire (Moses James family, 9 children), near Society Hill, SC -- 11
- 14. 1964 -- Sep 12, Farm House Fire (Bowdish/McConnell children), Kasota, MN -- 10
- 1967 -- July 04, Fire, Shanty Family Residence, Oxford, ME -- 8
- 15. 1968 -- Feb 11, Fire, Dwelling, Franklin, PA -- 11
- 16. 1968 -- July 18, Fire, Dwelling (9 children, 2 adults), St. Albans sec., Queens, NY -- 11
- 17. 1969 -- Apr 05, kerosene explosion/Fire, house, Oakwood Bayou community ~Dumas, AR -- 10
- 18. 1969 -- July 10, Fire, Farm Dwelling (laundry room), Posen, Presque Isle County, MI -- 10
- 19. 1969 -- June 8, Arson Fire (Patricide), Bailey Family Home, Parkersburg, WV¹⁰³¹ -- 12

Fires, Structural -- **Residences/Houses** -- **Chronological** (Continued)

- 20. 1981 -- Jan 11, Single Family Home Fire, East St. Louis, IL -- 11
- 21. 1987 -- Sep 30, Residence Fire, Milwaukee, WI -- 12
- 22. 1989 -- Jan 01, Rural House Fire, Remer, MN -- 10
- 1989 -- July 4, Home Fire, children, locked in house, River Park Drive, Louisville, KY-- 6
- 1992 -- Nov 8, Fire (fireplace ashes in box), Home, South Jordan (~Salt Lake), UT -- 5
- 23. 1998 -- March 22, Fire, Mt. Cabin, Spring Break Youth, Madisonburg Mt. ~Madisonburg, PA-- 11
- 1999 -- Jan 1, Fire, Hatfield family home (from LP gas heater in garage), Ceylon, MN-- 6
- 24. 2001 -- Jan 03, Single Family Dwelling Fire, Oak Orchard, Sussex Ct., DE -- 11
- 2005 -- May 21, Arson Fire, House during child's birthday sleepover, Cleveland, OH¹⁰³²-- 9
- 2006 -- March 11, Fire, Residential, wood-burning stove probable cause, Shoals, IN -- 6
- 2006 -- March 11, Fire, two-story home, Evensville, Rhea County, TN -- 9
- 2006 -- Apr 7, Fire, Residential, Propane lantern ignites mtl. in mobile home, Jacksonville, FL-- 6
- 2006 -- July 20, Fire (over-heated refrigerator), Residential Home, Chickasha, OK -- 7
- 25. 2007 -- Feb 06, Single-Family House Fire, Bardstown, KY -- 10
- 26. 2008 -- Apr 03, Residential Fire, Brockway, PA -- 10
- 2012 -- Mar 24, Residential Home Fire, Charleston, WV -- 9
- 2013 -- Mar 09, Fire, Home (unknown cause), Man, Woman, 5 Children, Gray, KY -- 7
- 2014 -- Jan 30, Fire, home, linked to electric heater, Mom, children, Depoy, KY -- 9
- 2014 -- Feb 22, House Fire (parents and four children), Indianapolis, IN -- 6
- 2014 -- Aug 29, Mobile home fire (cause undetermined), just outside Garland, NC -- 6

¹⁰³¹ Cross-listed in Violence-Arson.

¹⁰³² Cross-listed in Violence-Arson.

Fires Tenements, Apartments, Rowhouses, Rooming Houses, Barracks -- Chronological

1. 1860 -- Feb 02, Tenement Building Fire, 142 Elm Street, East Manhattan, NY, NY --10-20
2. 1860 -- Mar 28, Fire, 40th Street Tenement House, NYC, NY -- 10
3. 1888 -- Aug 03, Fire, Tenement House, 197 Bowery, NY, NY --17-20
4. 1890 -- Feb 02, Shop and Tenement Fire, North Street, Boston, MA --12-14
5. 1900 -- Mar 12, Arson Fire (charged), Italian Tenement Building, Newark, NJ¹⁰³³ -- 16
6. 1900 -- June 15, Tenement Fire, 34 Jackson Street, NYC, NY -- 11
7. 1900 -- July 3, Arson Fire (alleged), Tenement, Adams and First Sts., Hoboken, NJ¹⁰³⁴-13-14
8. 1902 -- Jan 29, Italian Tenement Fire, Fleet Street, North End, Boston, MA --10-11
9. 1903 -- Nov 01, "House of All Nations" Tenement Fire, Eleventh Ave., NYC, NY -- 25
10. 1904 -- Sep 04, Fire, 5-Story Tenement, Attorney St., New York City, NY -- 15
11. 1904 -- Nov 20, Fire, Tenement House, Troutman Street, Brooklyn, NY -- 12
12. 1905 -- Mar 14, Fire, Tenement, Allen St., New York City, NY -- 20
13. 1907 -- July 28, Fire, Tenement House, 222 Chrystie Street, East Side, NYC, NY --19-20
14. 1909 -- Mar 03, Fire, Tenement Building, 374 Seventh Avenue, NYC, NY -- 10
15. 1917 -- Feb 02, Gas Explosion/Fire, Tenement Buildings, Chicago, IL¹⁰³⁵ -- 14
16. 1921 -- Nov 14, Fire, Tenement House, 108 West 17th St., NYC, NY --10-12
17. 1922 -- Oct 22, Fire, Apartment House, Lexington Avenue, NY, NY -- 15
18. 1923 -- Feb 23, Fire, Garage and Apartments, Hatley Building, Kansas City, KS -- 13
19. 1923 -- Apr 27, Fire, Tenement Building, East 109th Street, NYC, NY -- 12
20. 1923 -- Jun 21, Fire, Tenement Building, Federal Street, Chicago, IL -- 10
21. 1924 -- Feb 19, Fire, Tenement House, Madison St., New York, NY -- 14
22. 1932 -- Jun 07, Explos./Arson/Mass Murder, Ellington Apartments, Cleveland, OH¹⁰³⁶--
13
23. 1935 -- Sep 29, Arson Fire, Tenement, Chicago, IL¹⁰³⁷ -- 10
24. 1940 -- Jan 03, Fire, Marlborough (Apartment) Hotel, Minneapolis, MN -- 19
25. 1942 -- Jan 20, Fire, Melvin Hall Apartments, Lynn, MA -- 13
26. 1945 -- Feb 17, Fire, Maefair Apartments, Tacoma, WA -- 19
27. 1946 -- Jan 27, Fire, Apartment Building/Rooming House, Kansas City, MO -- 11
28. 1946 -- Dec 12, Fire, vacant Knickerbocker Ice Plant wall falls onto Tenement, NYC -- 37
29. 1948 -- Feb 13, Fire, Apartment Building, Hoage family, Cedar Street, Utica, NY -- 11
30. 1953 -- Sep 07, Fire, Spector Realty Co. Tenement building, State St., Chicago, IL -- 18

¹⁰³³ Cross-listed in Violence-Arson, Manslaughter/Homicide.

¹⁰³⁴ Cross-listed in Violence-Arson, Manslaughter/Homicide.

¹⁰³⁵ Cross listed in Explosions.

¹⁰³⁶ Cross-listed in Violence-Arson, Manslaughter/Homicide.

¹⁰³⁷ Cross-listed in Violence-Arson, Manslaughter/Homicide.

31. 1955 -- Feb 01, Oil Stove Fire (11 children), Tenement, Schuyler St., Amsterdam, NY-- 12
 1956 -- Dec 23, Fire, Downtown Apartment Bldg., mother, four children, Meriden, CT-- 5
 32. 1957 -- Nov 16, Fire, Tenement (ex-Moonglow Hotel), Allen Ave., Niagara Falls, NY-- 18
 33. 1959 -- Feb 14, Fire (from gas explosion), Apartment Building, Ashland, KY -- 11

FIRES, structural -- Tenements, Apartments, Rowhouses, Barracks -- Chronological (Cont.)

34. 1964 -- Nov 04, Fire, Dorchester Manor Apartment Hotel, Chicago, IL -- 11
 35. 1966 -- Feb 5-6, Kerosene Heater Explodes, Fire, Rooming House, Miami, FL -- 10
 1967 -- Jan 14, Row House (Cigarette) Fire, Philadelphia, PA -- 9
 36. 1968 -- Jan 09, Fire, Paper Box Factory and Tenement/Apt. House, Brooklyn, NY -- 13
 37. 1968 -- Aug 31, In-Crowd Lounge/Apartment Fire (possibly Arson), Gary, IN -- 13
 38. 1969 -- Apr 06, Fire, Wood-Frame Tenement/Apartment House, Bridgeport, CT -- 11
 39. 1969 -- Jun 03, Fire, Apartment House, Kansas City, MO -- 12
 40. 1969 -- Dec 18, Fire, Tenement, Brooklyn, NY -- 10

 41. 1970 -- Aug 05, Fire, Pensioner Rooming House, E. Hennepin, Minneapolis, MN --11-12
 42. 1971 -- Apr 25, Fire, Seventh Avenue Apartments Building, Seattle, WA -- 12
 43. 1973 -- July 11, Fire, Apartment Bldg./Rooming House, Main St., Worcester, MA -- 10
 44. 1973 -- Sep 29, Arson Fire, Tenement, Eleventh & Willow, Hoboken, NJ¹⁰³⁸ -- 11
 45. 1973 -- Nov 15, Apartment House Fire, Los Angeles, CA -- 25
 46. 1975 -- Dec 12, Fire, Apartment Building, San Francisco, CA -- 14
 47. 1976 -- Jan 10, Pathfinder (residential) Hotel Natural Gas Explos./Fire, Fremont, NE¹⁰³⁹--
 20
 48. 1976 -- Feb 04, Fire, Tenement House, New York, New York -- 10
 49. 1976 -- Dec 20, Fire, Apartment House, MacArthur Park, LA, CA -- 10
 50. 1976 -- Dec 23, Fire, Apartment House, Chicago, IL -- 12
 51. 1977 -- Dec 10, Fire, Wenonah Park Building Apartments, Bay City, MI -- 10
 52. 1978 -- Dec 07, Fire, Tenement House, Newark, NJ -- 12
 53. 1979 -- Jan 20, Arson Fire, Tenement, Clinton Street, Hoboken, NJ¹⁰⁴⁰ -- 21
 54. 1979 -- Oct 19, Typhoon/fuel bladder ruptures/barracks fire, USMC Camp Fuji, Japan-- 13

 55. 1980 -- Dec 18, Fire, Avalon Apartment Building, Salt Lake City, UT -- 12
 56. 1981 -- Oct 24, Arson Fire, Apartment Bldg., 12th and Washington, Hoboken, NJ¹⁰⁴¹ -- 11
 57. 1982 -- April 30, Arson Fire, Pinter (residential) Hotel, 14th Street, Hoboken, NJ¹⁰⁴² -- 13
 58. 1982 -- May 14, Row House Fire, Baltimore, MD -- 10
 59. 1982 -- July 5, Arson Fire, Apartment Building, Waterbury, CT¹⁰⁴³ -- 14
 60. 1982 -- Sep 4, Arson Fire, Dorothy Mae Apartments/Hotel, Los Angeles, CA¹⁰⁴⁴ --24-25
 1983 -- Dec 9, Fire (careless smoking) Row House (five children), west Baltimore, MD-- 8
 61. 1984 -- Feb 8, Family Row-House Fire, Philadelphia (Kensington section), PA -- 10

¹⁰³⁸ Cross-listed in Violence-Arson, Manslaughter/Homicide.

¹⁰³⁹ Though originally a hotel, it had been modified to provide apartments. Cross-listed in Explosions.

¹⁰⁴⁰ Cross-listed in Violence-Arson, Manslaughter, Homicide.

¹⁰⁴¹ Cross-listed in Violence-Arson, Manslaughter/Homicide.

¹⁰⁴² Cross-listed in Violence-Arson, Manslaughter/Homicide.

¹⁰⁴³ Cross-listed in Violence-Arson.

¹⁰⁴⁴ Cross-listed in Violence-Arson, Manslaughter/Homicide.

62. 1984 -- July 4, Arson Fire, Elliott Chambers Rooming Home, Beverly, MA¹⁰⁴⁵ -- 15
 63. 1984 -- Oct 18, Arson Fire, Alexander Hamilton residential Hotel, Paterson, NJ¹⁰⁴⁶ -- 15
 64. 1985 -- May 13, Philadelphia Police Bomb MOVE, Rowhouse Fire, PA¹⁰⁴⁷ -- 11

Fire, structural -- **Tenements, Apartments, Rowhouses, Barracks** -- **Chronological** (Cont.)

65. 1991 -- Feb 16, Fire (extension cord related), Apartment Bldg., New Britain, CT -- 10
 66. 1991 -- Dec 9, West Side Apartment Building Fire, Humboldt Park, Chicago, IL -- 10
 1992 -- Feb 13, Fire (space heaters or smoking) Row House (5 children), Camden NJ -- 8
 1992 -- Dec 5, Fire (apparently smoking in bed), Row House (8 children), Chester, PA-- 8
 1992 -- Dec 17, Fire, four-family apartment building, Auburn, WA -- 5
 1993 -- Feb 28, Fire, Apartment Building (8 children, 1 adult), Ludington, MI -- 9
 67. 1993 -- May 3, Arson Fire, Apt./Tenement Bldg., Burlington Ave., Los Angeles, CA¹⁰⁴⁸-- 10
 1994 -- Jan 9, Fire (clothing on heating grate), row house (6 children), Baltimore, MD-- 7
 1994 -- Feb 26, Fire, from candle; rowhouse; power turned off, west Baltimore, MD -- 9

 68. 2004 -- Sep 12, Arson Fire, Lincoln Park West Apartments, Prairie Township, OH -- 10
 69. 2005 -- Mar 10, Townhouse Mattress Fire, Marrero, LA -- 11
 2007 -- Jan 13, Fire, Emmons Jr. Apartment Building, Huntington, WV -- 9
 70. 2007 -- Mar 07, Rowhouse Fire, Bronx, NY -- 10
 2007 -- May 22, Fire (smoking materials), Row House, east Baltimore, MD -- 8
 2010 -- Dec 14, Fire, Two Story Brick Row House Home, east Baltimore, MD -- 6
 2014 -- Nov 1, rooming house fire (landlord charged with manslaughter), Portland, ME-- 6
 71. 2017 -- Dec 28, Fire, boy, 3, playing with stove, apartment bldg., Belmont/Bronx, NY-- 12

¹⁰⁴⁵ Cross-listed in Violence-Arson, Manslaughter/Homicide.

¹⁰⁴⁶ Cross-listed in Violence-Arson. (Originally a hotel, but had become a low-rent apartment building.)

¹⁰⁴⁷ Cross-listed in Violence-Governmental Use of Force.

¹⁰⁴⁸ Cross-listed in Violence-Arson.

Fire, structural -- **Terrorism-Related subset** -- **Chronological**

1. 1910 -- Oct 1, Los Angeles Trade Unionist Dynamiting and Fire, *LA Times*, CA -- 21
2. 1995 -- Apr 19, Terrorism, Alfred P. Murrah Federal bldg. Bombing, Oklahoma City¹⁰⁴⁹-168
3. 2001 -- Sep 11, World Trade Center, American 11 and United 175, NY --2,830
4. 2001 -- Sep 11, American Airlines hits Pentagon, Arlington VA -- 189

¹⁰⁴⁹ Cross-listed in Violence and in explosions (almost 40% of 168 victims died from fire and smoke inhalation).

Fire, structural -- **Theaters/Opera Houses** subset -- **Chronological**

1. 1811 -- Dec 26, Theatre Fire, Richmond, VA --61-75
2. 1867 -- Jun 19, Fox's American Theater Fire, Philadelphia, PA --10-15
3. 1876 -- Dec 5, Conway Theater Fire, Trampling, Suffocation, Brooklyn, NY¹⁰⁵⁰ --284-300
4. 1887 -- July 9, Alcazar Theater Fire and town Conflagration, Hurley, WI --10-11
5. 1892 -- Apr 27, Fire, Gilmore's Central Theater, Philadelphia, PA -- 14
6. 1896 -- Sep 05, Fire, Yore's Opera House, Benton Harbor, MI -- 12
7. 1901 -- Nov 06, Fire, Klondyke Theater, Harley, WI -- 10
8. 1903 -- Dec 30, Fire, suffocation, trampling, Iroquois Theater, Chicago, IL¹⁰⁵¹ -- 602
9. 1908 -- Jan 13, Fire and Trampling, Rhoads Opera House, Boyertown, PA¹⁰⁵² --169-175
10. 1916 -- May 10, Explosion, Fire, Trampling, Theater, Wallaceton, VA --13-26
1921 -- Nov 27, Fire, Rialto Theatre, New Haven, CT -- 9
11. 1941 -- Mar 10, Strand Theater Fire & Roof Collapse, Brockton, MA -- 13

¹⁰⁵⁰ Cross-listed in Violence-Crushing, Trampling, Suffocation.

¹⁰⁵¹ Cross-listed in Violence-Crushing, Trampling, Suffocation.

¹⁰⁵² Cross-listed in Violence-Crushing, Trampling, Suffocation.

Fire, structural**Other****Chronological**

- | | | |
|----|---|-----------|
| 1. | 1892 -- June 05, Dam Failure, Oil Fire, Titusville, Oil City, PA ¹⁰⁵³ | -- 350 |
| 2. | 1901 -- Aug 14, Waterworks Crib Fire, two miles off Cleveland Harbor, OH ¹⁰⁵⁴ | --12-13 |
| 3. | 1936 -- Apr 06, Tornado and Fire, Cooper Pants Factory, Gainesville, GA ¹⁰⁵⁵ | --40-70 |
| 4. | 1943 -- Feb 18, Boeing XB-29 Crash into Frye Packing Plant, Fire, Seattle, WA ¹⁰⁵⁶ | -- ~20 |
| 5. | 1944 -- July 06, Barnum & Ringling Broth. Circus Fire, Stampede, Hartford, CT | --168-169 |
| 6. | 1965 -- Aug 09, Titan II ICBM Silo Fire leading to Suffocation, near Searcy, AR | -- 53 |
| 7. | 1965 -- Nov 24, Natural Gas explosion/fire, Nat. Guard Armory dance, Keokuk, IA ¹⁰⁵⁷ | -- 21 |
| 8. | 1968 -- Apr 05, Gas and Gunpowder Explosion, Fire, Richmond, IN | -- 41 |
| 9. | 2000 -- Aug 19, El Paso Natural Gas Pipeline Rupture and Fire, Carlsbad, NM ¹⁰⁵⁸ | -- 12 |

¹⁰⁵³ Cross-listed under Dam Failures

¹⁰⁵⁴ Cross listed in Mines Tunnels and Quarries.

¹⁰⁵⁵ Cross-listed in Tornadoes. There were ~203 tornado deaths, including those from this fire. Most probably some of these deaths can be attributed to the destruction of the building. Many, mostly girls and women, had sought safety in the basement, only to be trapped when the building was destroyed and caught fire.

¹⁰⁵⁶ The number twenty is an approximation in that it is not known how many Frye employees were killed directly by the crash and how many died in the resulting large fire. There were 32-34 fatalities in all (though one source has 41), of which 10 were onboard the XB-29. Cross-listed in Aviation.

¹⁰⁵⁷ Cross-listed in Explosions. Seven died the night of the explosion and fire. The others died from burn injuries in hospitals over next several weeks.

¹⁰⁵⁸ Cross-listed in Structural Failures and in Explosions. Technically perhaps not a "structural" fire.

FIRE, structural -- Arson subset¹⁰⁵⁹ -- By Mortality

1.	1986 -- Dec 31, Arson Fire Dupont Plaza Hotel, San Juan, Puerto Rico	-- 97
2.	1990 -- Mar 25, Arson Fire, Happy Land Social Club, Bronx, NY	-- 87
3.	1977 -- June 26, Arson Fire, Maury County Jail, Columbia, TN	-- 42
4.	1973 -- June 24, Arson Fire, gay UpStairs Cocktail Lounge, New Orleans, LA	-- 32
5.	1970 -- Dec 20, Arson Fire, Pioneer International Hotel, Tucson, AZ	-- 28
6.	1963 -- Nov 18, Fire (arson?), Surfside Hotel (elderly home), Atlantic City, NJ ¹⁰⁶⁰	-- 25
7.	1982 -- Sep 04, Arson Fire, Dorothy Mae Apartments/Hotel, Los Angeles, CA ¹⁰⁶¹	--24-25
8.	1976 -- Jan 30, Arson Fire, Wincrest Nursing Home, Chicago, IL	-- 24
9.	1944 -- Mar 28, Arson Fire, New Amsterdam Hotel, San Francisco, CA	-- 22
10.	1979 -- Jan 20, Arson Fire, Tenement, Clinton Street, Hoboken, NJ	-- 21
11.	1885 -- Feb 12, Arson Fire, Dept. for Insane, Blockley Almshouse, Philly, PA	--19-20
12.	1970 -- Mar 20, Arson Fire, Ozark Hotel ("flophouse"), Seattle, WA	-- 20
13.	1900 -- Mar 12, Arson Fire (charged), Italian Tenement Building, Newark, NJ	-- 16
14.	1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV ¹⁰⁶²	-- 15
15.	1984 -- July 4, Arson Fire, Elliott Chambers Rooming Home, Beverly, MA	-- 15
16.	1984 -- Oct 18, Arson Fire, Alexander Hamilton residential Hotel, Paterson, NJ ¹⁰⁶³	-- 15
17.	1900 -- July 3, Arson Fire (alleged), Tenement, Adams and First Sts., Hoboken, NJ	--13-14
18.	1966 -- Sep 12, Arson Fire, Lane Hotel, Anchorage, AK	-- 14
19.	1932 -- Jun 07, Explosion/Arson/Mass Murder, Ellington Apartments, Cleveland, OH	-- 13
20.	1965 -- Dec 11, Arson Fire/Mass Murder, Seeley Club (Tavern), Chicago, IL	-- 13
21.	1982 -- Apr 30, Arson Fire, Pinter (residential) Hotel, 14 th Street, Hoboken, NJ	-- 13
22.	1965 -- Dec 20, Arson Fire, Jewish Community Center, Yonkers, NY	-- 12
23.	1968 -- Feb 16, Arson Fire, Randolph Tavern, 107 W. Reed Street, Moberly, MO	-- 12
24.	1969 -- June 8, Arson Fire (Patricide), Bailey Family Home, Parkersburg, WV	-- 12
25.	1975 -- July 07, Arson Fire, Pomona Hotel, Portland, OR	-- 12
26.	1978 -- Nov 05, Arson Fire, Allen Motor Inn, Honesdale, Wayne County, PA	-- 12
27.	2006 -- Oct 31, Arson Fire, Mizpah Hotel, North Lake St., Reno, NV	-- 12
28.	1854 -- Apr 25, Arson Fire, Jennings Building (all firemen), Broadway, NY, NY	-- 11
29.	1973 -- Sep 29, Arson Fire, Tenement, Eleventh & Willow, Hoboken, NJ	-- 11
30.	1981 -- Oct 24, Arson Fire, Apartment Bldg., 12 th and Washington, Hoboken, NJ	-- 11
31.	1935 -- Sep 29, Arson Fire, Tenement, Chicago, IL	-- 10
32.	1973 -- Jan 29, Arson Fire, Street's Sheltered Care Rest Home, Pleasantville, NJ	-- 10
33.	1979 -- July 31, Arson Fire/smoke inhalation deaths, Holiday Inn, Cambridge, OH	-- 10
34.	1980 -- Oct 28, Apartment building arson fire kills children, South Side Chicago, IL	-- 10
35.	1993 -- May 3, Arson Fire, Apt./Tenement Bldg., Burlington Ave., Los Angeles, CA	-- 10
36.	2004 -- Sep 12, Arson Fire, Lincoln Park West Apartments, Prairie Township, OH	-- 10

¹⁰⁵⁹ All arson fires are cross-listed in Violence - Arson, Manslaughter/Homicide subset.

¹⁰⁶⁰ Ex-mental patient and arsonist arrested and "confessed," but was not indicted. Cross-listed in Violence-Arson.

¹⁰⁶¹ Cross-listed in Violence-Bombing, Violence-Labor and Violence-Arson.

¹⁰⁶² Cross-listed in Explosions (gas can deliberately thrown into fire from kicked-over stove), and in Violence.

¹⁰⁶³ Originally a hotel, but had become a low-rent apartment building.

Fire, structural -- Arson -- By Mortality (fewer than 10 deaths)

2005 -- May 21, Arson Fire, House during child's birthday sleepover, Cleveland, OH	--	9
1992 -- July 7, Arson Fire set by mother kills six of her children, Baltimore, MD	--	6
1993 -- Feb 27, Arson Fire & Mass Murder, Apartment Building, Providence, RI	--	6

Fires, structural **Churches** subtype **By Mortality**

1. 1875 -- May 27, Holyoke Catholic Church Fire, Holyoke, MA -- 75
2. 1964 -- May 23, Samoan Fire-Dance Fire, All Hallows Parish Hall, San Fran., CA -- 17

Fires, structural**Commercial, Retail (subtype)****By Mortality**

1.	1967 -- Feb 07, Dale's Penthouse Restaurant Fire, Montgomery, AL	--	25
2.	1947 -- May 14, Minerva Film Co. Fire, Rome, NY	--	23
3.	1972 -- Sep 24, Plane Crash/Fire, Farrell's Ice Cream Parlor, Sacramento, CA ¹⁰⁶⁴	--	22
4.	1893 -- July 10, Fire, Columbia Exposition Cold Storage Warehouse, Chicago, IL	--	17-19
5.	1906 -- Oct 25, Fire, Chamber of Commerce Building, Kansas City, KS	--	15
6.	1890 -- Mar 17, Fire/Bldg. Collapse on firemen, Bowen-Merrill Co., Indianapolis, IN	--	13
7.	1857 -- Apr 14, Fire, Warehouse wall/floor collapse, Charles Street, Baltimore, MD	--	12
8.	1882 -- Jan 31, Fire, World Building (Com.), Park Row and Beekman St., NYC, NY	--	12
9.	1891 -- Dec 09, Fires, Bamberger & Candy/Fireworks bldgs., Main St., Louisville, KY	--	12
10.	1910 -- Mar 25, Fire, L. Fish & Co. Furniture Store, Wabash Ave., Chicago, IL	--	12
11.	1919 -- Jan 07, Explosion & Fire, Film Exchange, Penn Ave., Pittsburg, PA ¹⁰⁶⁵	--	10-12
12.	1957 -- Dec 05, Natural gas explosion/fire, five downtown businesses, Villa Rica, GA ¹⁰⁶⁶	--	12
13.	1966 -- Oct 17, Mercantile Building Fire, New York City, NY	--	12
14.	1976 -- Dec 22, Fire, Department Store, Fulton St., Brooklyn, NY	--	12
15.	1854 -- Apr 25, Arson, Jennings Building (all firemen), Broadway, NY, NY	--	11
16.	1909 -- Oct 30, Fire, Business District, St. Johnsbury, VT	--	10-11
17.	1924 -- Feb 15, Fire, Lawrence Building, Main Street, Montpelier VT	--	11
18.	1947 -- July 29, Butane Gas Explos./fire, Pauline's Beauty School, Harrisonburg, VA ¹⁰⁶⁷	--	11
19.	1969 -- Feb 25, Fire, Rosen Architectural Office, Fifth Ave., Manhattan, NYC, NY	--	11
20.	1865 -- Jun 9, Ordnance Building Explosion/Fire, Train sparks, Chattanooga, TN ¹⁰⁶⁸	--	~10
21.	1978 -- Nov 05, Younkers Department Store Fire, Des Moines, IA	--	10

Other:

2007 -- June 18, Fire, Sofa Super (furniture) Store, Firefighters killed, Charleston, SC	--	9
1949 -- Mar 04, Fire, Woolworth Dept. Store, firefighters killed, Charleston, WV	--	7

¹⁰⁶⁴ Cross-listed in Aviation.

¹⁰⁶⁵ Cross-listed in Explosions.

¹⁰⁶⁶ Cross-listed in Explosions – there were fatalities from the explosion and from the resulting fire.

¹⁰⁶⁷ Cross-listed in Explosions – most, if not all, deaths were caused by the explosion and building destruction.

¹⁰⁶⁸ Cross-listed in Explosions.

Fire, structural**Conflagration, Urban (subset)****By Mortality**

- | | | |
|-----|---|---------------|
| 1. | 1906 -- Apr 18, Earthquake, Fire, Landslides, San Francisco & vicinity, CA ¹⁰⁶⁹ | --3,000-5,000 |
| 2. | 1871 -- Oct 8–10, Conflagration, The Great Chicago Fire, IL | --200-300 |
| 3. | 1850 -- July 09, Fire/Conflagration, Old City Philadelphia, PA | -- 44 |
| 4. | 1872 -- Nov 9-10, Conflagration (“Great Boston Fire of 1872”), Boston, MA | --25-41 |
| 5. | 1845 -- July 19, Fire and Exp., New, Broad, Beaver, Broadway Sts., NYC, NY ¹⁰⁷⁰ | -- 30 |
| 6. | 1851 -- May 3-4, Conflagration, “Fifth Great Fire,” San Francisco, CA | -- ~14-~30 |
| 7. | 1857 -- Oct 19, Fire, Brothel, Stores, Warehouses, S. Water Street, Chicago, IL | -- 27 |
| 8. | 1849 -- May 17, Fire, 27 Boats, much of Wharf & Business District, St. Louis, MO | -- 3-20 |
| 9. | 1865 -- Feb 08, Conflagration Fire, Philadelphia, PA | -- 20 |
| 10. | 1908 -- Apr 12, The Great Chelsea Fire/Conflagration of 1908, Chelsea, MA | --15-19 |
| 11. | 1871 -- Sep 15, Restaurant Fire, Conflagration, Powder Explosion, Pioche, NV | -- 13 |
| 12. | 1892 -- Oct 28, Conflagration, Milwaukee, WI | -- 10 |
| 13. | 1940 -- July 30, Explosions/Conflagration, R. M. Hollingshead Plant, Camden, NJ ¹⁰⁷¹ | -- 10 |
| | 1909 -- Apr 11, Urban Conflagration, Lenox, MA | -- 6 |

¹⁰⁶⁹ Cross-listed in Earthquake and in Landslides, in that there were a small number of deaths due to slides.

¹⁰⁷⁰ Cross-listed in Explosions.

¹⁰⁷¹ Cross-listed in Explosions -- a series of explosions started the fires which became a conflagration.

Fire, structural - Hotels, Motels, Inns, Boarding Houses, Country Clubs (Temp. Lodging)
By Mortality

1.	1946 -- Dec 7, Fire, Hotel Winecoff, Atlanta, GA	-- 119
2.	1986 -- Dec 31, Arson Fire, Dupont Plaza Hotel, San Juan, Puerto Rico ¹⁰⁷²	-- 97
3.	1883 -- Jan 10, Fire (suspected arson), Newhall House (Hotel), Milwaukee, WI	--70--90
4.	1980 -- Nov 21, Fire, MGM Grand Hotel, Las Vegas, NV	-- 85
5.	1946 -- Jun 05, Fire, LaSalle Hotel, Chicago, IL	-- 61
6.	1943 -- Sep 07, Fire, The Gulf Motel, Houston, TX	-- 54
7.	1899 -- Mar 17, Fire, Windsor Hotel, Fifth Avenue, New York, NY	-- 45
8.	1914 -- Mar 08, Fire, wall fall (17 th) Missouri Athletic Club (Lodging), St. Louis, MO ¹⁰⁷³	--37
9.	1903 -- Nov 21, Fire, Railroad Workmen "Shanty," near Lilly (~Johnstown), PA	--31-35
10.	1938 -- May 17, Fire, Terminal Hotel, Atlanta, GA	-- 35
11.	1934 -- Dec 11, Fire, Kerns Hotel, Grand Avenue, Lansing, MI	-- 34
12.	1858 -- Feb 20, Fire, Pacific Hotel, St. Louis, MO	--21-30
13.	1892 -- Feb 07, Fire, Hotel Royal, Fortieth Street & Sixth Avenue, NYC, NY	--28-30
14.	1955 -- Feb 12, Barton Hotel Fire, Chicago, IL	-- 29
15.	1913 -- Dec 2, Fire, Arcadia Boarding House ("Hotel"/Flop House), Boston, MA	-- 28
16.	1970 -- Dec 20, Pioneer International Hotel Arson Fire, Tucson, AZ ¹⁰⁷⁴	-- 28
17.	1980 -- Dec 4, Fire, Conference Ctr. at Stouffer's Inn (possibly arson), ¹⁰⁷⁵ Harrison, NY	-- 26
18.	1963 -- Nov 18, Fire (arson?), Surfside Hotel (elderly home), Atlantic City, NJ ¹⁰⁷⁶	-- 25
19.	1982 -- Sep 04, Arson Fire, Dorothy Mae Apartments/Hotel, Los Angeles, CA ¹⁰⁷⁷	--24-25
20.	1886 -- Dec 28, Fire, Steamer/Boarding House <i>Bradish Johnson</i> , Jackson, AL ¹⁰⁷⁸	-- ~24
21.	1872 -- Dec 10, Fire, Fifth Avenue Hotel, New York, NY	-- 22
22.	1934 -- Mar 24, Fire, Federal Transient Bureau Lodging, Lynchburg, VA	-- 22
23.	1944 -- Mar 28, Arson Fire, New Amsterdam Hotel, San Francisco, CA ¹⁰⁷⁹	-- 22
24.	1963 -- Dec 29, Hotel Roosevelt Fire, Jacksonville, FL	-- 22
25.	1877 -- Apr 11, Southern Hotel Fire, St. Louis, MO	--16-21
26.	1902 -- Feb 22, Fire, Park Avenue Hotel, New York City, NY	-- 20
27.	1913 -- Feb 28, Dewey Hotel Fire and possible gas explosion, Omaha, NE	-- 5-20
28.	1961 -- Jan 06, Thomas Hotel Fire, San Francisco, CA	-- 20
29.	1970 -- Mar 20, Ozark Hotel ("flophouse"), Arson Fire, Seattle, WA ¹⁰⁸⁰	-- 20
30.	1976 -- Jan 10, Pathfinder (residential) Hotel Natural Gas Explos./Fire, Fremont, NE ¹⁰⁸¹	-- 20
31.	1978 -- Jan 28, Coates House Hotel Fire, Kansas City, MO	-- 20
32.	1993 -- Mar 16, Fire, Paxton Hotel, Chicago, IL	-- 20
33.	1940 -- Jan 03, Fire, Marlborough (Apartment) Hotel, Minneapolis, MN	-- 19

¹⁰⁷² Cross-listed in Violence-Arson, Manslaughter/Homicide.

¹⁰⁷³ Thirty fatalities from the March 8th fire and 7 fatalities from the March 17th Missouri Athletic Club wall fall.

¹⁰⁷⁴ Cross-listed in Violence-Arson, Manslaughter/Homicide.

¹⁰⁷⁵ A waiter was charged with arson and 26 counts of murder and found guilty by jury; however, the presiding judge overturned the verdict citing insufficient evidence. This act was appealed but upheld by State Supreme Court.

¹⁰⁷⁶ Ex-mental patient and arsonist arrested and "confessed," but was not indicted.

¹⁰⁷⁷ Cross-listed in Violence-Arson, Manslaughter/Homicide.

¹⁰⁷⁸ Cross-listed in Maritime.

¹⁰⁷⁹ Cross-listed in Violence subset Arson.

¹⁰⁸⁰ Cross-listed in Violence-Arson, Manslaughter/Homicide.

¹⁰⁸¹ Cross-listed in Explosions.

34. 1943 -- Dec 24, Fire, Standard Hotel, West 42nd Street between 9th and 10th, NYC, NY-- 19
 35. 1946 -- Jun 09, Canfield Hotel Fire, Dubuque, IA -- 19
 36. 1970 -- Sep 13, Ponet Square Hotel Fire, Los Angeles, CA -- 19
 37. 1981 -- March 14, Royal Beach (Residential) Hotel Fire, Chicago, IL -- 19

Fire, structural -- Hotels, Motels, Inns, Boarding Houses, Country Clubs -- Mortality

38. 1881 -- Dec 10, Lamp Fire, Boarding House, Rock Cut, ~Pittsburgh, PA --16-17
 39. 1945 -- Jan 31, Fire, Lacoste Babies' Boarding Home & Nursery, Auburn, ME¹⁰⁸² -- 17
 40. 1895 -- Dec 31, Fire, Delavan House (Hotel), Albany NY -- 16
 41. 1936 -- Feb 12, Fire, Victoria Mansion Hotel, Lexington & Seventh, Lakewood, NJ -- 16
 42. 1977 -- Jan 28, Stratford Hotel Fire, Breckenridge, MN -- 16
 43. 1887 -- Mar 18, Fire, Richmond Hotel (Young Men's Assn.), Buffalo, NY -- 15
 44. 1883 -- Apr 07, Structural Failure and Fire, Ende Hotel, Greenville, TX¹⁰⁸³ --13-15
 45. 1984 -- July 4, Arson, Elliott Chambers Rooming Home Fire, Beverly, MA¹⁰⁸⁴ -- 15
 46. 1984 -- Oct 18, Arson Fire, Alexander Hamilton residential Hotel, Paterson, NJ¹⁰⁸⁵ -- 15
 47. 1902 -- Dec 04, Fire, Lincoln Hotel, Madison Street, Chicago, IL -- 14
 48. 1920 -- Sep 06, Fire, Houston Hotel, Klamath Falls, OR --10-14
 49. 1926 -- July 14, Fire, Twilight Inn, Haines Falls, NY -- 14
 50. 1945 -- Jan 16, Fire, General Clark Hotel/Boarding House, N. Clark St., Chicago, IL -- 14
 51. 1966 -- Sep 12, Lane Hotel arson fire, Anchorage, AK¹⁰⁸⁶ -- 14
 52. 1921 -- Jan 30, Fire (cigarette), Colonial Hotel, Newark Street, Hoboken, NJ -- 13
 53. 1926 -- Jan 23, Fire, Lafayette Hotel, North Seventh Street, Allentown, PA -- 13
 54. 1941 -- Feb 7, Fire, Salvation Army Homeless Shelter/Lodging, Akard St., Dallas, TX-- 13
 55. 1982 -- April 30, Arson Fire, Pinter (residential) Hotel, 14th Street, Hoboken, NJ¹⁰⁸⁷ -- 13
 56. 1870 -- Dec 25, Fire, Spotswood Hotel, Richmond, VA -- 9-12
 57. 1887 -- Mar 24, Fire, Colby Iron Mine Boarding House, Bessemer, MI -- 12
 58. 1908 -- May 03, Fire, Aveline Hotel, Fort Wayne, IN -- 12
 59. 1922 -- Feb 07, Fire, Lexington Hotel, Richmond, VA -- 12
 60. 1926 -- Feb 22, Fire, Schindler's Prairie House (Hotel), Hurleyville, NY --11-12
 61. 1945 -- May 07, Fire, Victory House (war workers lodging), Mobile, AL -- 12
 62. 1966 -- Jan 06, Fire, Hotel Carlton (and Apartments), St. Paul, MN¹⁰⁸⁸ --11-12
 63. 1972 -- Jan 16, Pennsylvania House Hotel Fire, Tyrone, PA -- 12
 64. 1974 -- Aug 25, Washington House Hotel Fire, Berkeley Springs, WV -- 12
 65. 1975 -- July 07, Arson Fire, Pomona Hotel, Portland, OR¹⁰⁸⁹ -- 12
 66. 1978 -- Nov 05, Arson Fire, Allen Motor Inn, Honesdale, Wayne County, PA¹⁰⁹⁰ -- 12
 67. 1982 -- Mar 07, Westchase Hilton Hotel Fire, Houston, TX -- 12

¹⁰⁸² This was a boarding home for babies and children up to five. Cross listed in Orphanage, though this was not one.

¹⁰⁸³ Cross listed in Structural Failures.

¹⁰⁸⁴ Cross-listed in Violence-Arson.

¹⁰⁸⁵ Cross-listed in Violence-Arson. (Originally a hotel, but had become a low-rent apartment building.)

¹⁰⁸⁶ Cross-listed in Violence-Arson.

¹⁰⁸⁷ Cross-listed in Violence-Arson, Manslaughter/Homicide.

¹⁰⁸⁸ The largest loss of life reported by a newspaper we have seen is 11. The NFPA reports 11 in one source and 12 in another. Neale Ward reports 12 in *Firehouse*. It is unclear to me whether the loss of life was 11 or 12.

¹⁰⁸⁹ Cross-listed in Violence-Arson.

¹⁰⁹⁰ Cross-listed in Violence-Arson.

68.	2006 -- Oct 31, Arson, Mizpah Hotel, North Lake St., Reno, NV	--	12
69.	1883 -- Mar 10, Fire, Boarding House, Brownsville, ND	--	11
70.	1888 -- June 04, Fire, Mundine Hotel, Rockdale, TX	--	11
71.	1898 -- Mar 13, Fire, Bowery Mission and Young Men's Home, NYC, NY	--	11
72.	1902 -- Feb 09, Fire, Empire Hotel lodging house, Olive Street, St. Louis, MO	--	11
73.	1906 -- Jan 10, West Hotel Fire, Minneapolis, MN	--	11
74.	1907 -- Sep 05, Fire, Webb Hotel, Shelton, WA	--	10-11
75.	1966 -- Jan 28, Paramount Hotel Fire, Boston, MA	--	11

Fire, structural - Hotels, Motels/Inns/Boarding Houses/Country Clubs (By Mortality cont.)

76.	1919 -- Feb 06, Fire, Tokyo Rooming House, South Weller St., Seattle, WA	--	10
77.	1929 -- Oct 17, Fire, Portland Hotel, First Avenue, Seattle, WA	--	10
78.	1978 -- Nov 26, Fire, Holiday Inn, Greece, NY	--	10
79.	1979 -- July 31, Arson Fire/smoke inhalation deaths, Holiday Inn, Cambridge, OH	--	10

Other:

	1972 -- June 17, Fire/building collapse, firefighters killed, Hotel Vendome, Boston, MA	--	9
	1943 -- Feb 16, Fire, Rooming House, Augusta, ME	--	8
	1933 -- Feb 8-9, Millard Hotel Fire, firefighters killed by falling walls, Omaha, NE	--	7
	2007 -- Oct 28, Fire, Beach House (young college students), Ocean Isle Beach, NC ¹⁰⁹¹	--	7
	1903 -- Feb 20, Fire, Clifton Hotel, Cedar Rapids, IA	--	6
	1916 -- March 26, Fire, San Antonio Country Club, San Antonio, TX	--	6
	1975 -- Dec 28, Fire, Breezy Point Inn, Island Lake, near Duluth, MN	--	6

¹⁰⁹¹ Owned by a family, but used as a vacation and rental structure, not a home.

Fire, structural - Industrial/Production/Wholesale – Factories/manufacturing/warehousing
By Mortality

1.	1860 -- Jan 10, Build. Cave-in/Fire, Pemberton Cotton Mills, Lawrence, MA ¹⁰⁹²	88-200
2.	1911 -- Mar 25, Fire, Triangle Shirtwaist Company, NYC, NY	--146-147
3.	1944 -- Oct 20, LNG Tank Explosions/Fire, East Ohio Gas Co., Cleveland, OH ¹⁰⁹³	--128-136
4.	1850 -- Feb 04, Boiler Explosion & Fire, Taylor & Co., Hague St., Manhattan, NY ¹⁰⁹⁴	--60-75
5.	1905 -- Mar 20, Boiler Explos. & Fire, Grover & Co. Shoe Factory, Brockton, MA ¹⁰⁹⁵	-- 58
6.	1918 -- July 02, Semet-Solvay Co. TNT Plant Fire/Explosions, Split Rock, NY ¹⁰⁹⁶	-- 50
7.	1893 -- Feb 09, Fire, Strafford County Workhouse, near Dover, NH	-- 41
8.	1973 -- Feb 10, Fire/Gas Explos./LNG Tank Concrete Roof Falls, Staten Island NY ¹⁰⁹⁷	-- 40
9.	1888 -- Nov 09, Fire, Steam-Gauge and Lantern Works, Rochester, NY	--34-38
10.	1913 -- July 22, Binghamton Clothing Company Fire, New York City, NY	-- 35
11.	1841 -- Aug 20, Fire, Gunpowder Explosion, carpenter's shop, Syracuse, NY ¹⁰⁹⁸	-- 26
12.	1874 -- Sep 19, Fire, Granite Mill (Factory) No. 1, Fall River, MA	--23-25
13.	1901 -- Oct 25, Fire, Hunt & Wilkinson Co. Furniture Warehouse, Philadelphia PA	--21-25
14.	1910 -- Nov 26, Fire, Asch Factory, Orange & High Sts., Newark, NJ	-- 25
15.	1991 -- Sep 03, Chicken Processing Plant Fire, Hamlet, NC	-- 25
16.	1910 -- Dec 22-23, Fire, Nelson-Morris Meatpacking Plant, Stockyards, Chicago, IL	-- 24
17.	1958 -- March 19, Fire and Floor Collapse, Monarch Underwear Co., NYC, NY	-- 24
18.	1927 -- Apr 23, Fire/Explosions, Briggs Manufacturing Co., Detroit, MI	-- 23
19.	1864 -- Jun 17, Explosion/fire, Washington Arsenal, Greenleaf Pt., ¹⁰⁹⁹ District of Col. ¹¹⁰⁰	--21
20.	1928 -- Nov 08, Explosion, Fire, Preble Box Toe Co. Plant and house, Lynn, MA ¹¹⁰¹	--20-21
21.	1898 -- Feb 9, Fire & Explosions, Chautauqua Lake Ice Co. Bldg., Pittsburgh, PA ¹¹⁰²	--14-20
22.	1956 -- July 29, Fire/Explosion, McKee tank farm, Shamrock Oil & Gas, Dumas, TX ¹¹⁰³	-- 19
23.	1885 -- May 21, Stove Explodes, Fire, Sullivan's Printing Bldg., Cincinnati, OH	-- 18
24.	1888 -- Aug 22, Fire & Bleach Explosion, G. Whiting Paper Mill, Neenah, WI ¹¹⁰⁴	-- 18
25.	1951 -- Sep 17, Shell Refinery cracking unit Explos./Fire, Roxana, Wood River, IL ¹¹⁰⁵	-- 18
26.	1984 -- July 24, Union Oil Co. Refinery Explosions and Fire, Romeoville, IL ¹¹⁰⁶	-- 17
27.	1883 -- Aug 23, George-Whiting Paper Mill Fire/Explosion, Menasha, WI	-- 16
28.	1898 -- Mar 16, Fire/Explo., Ayer Bldg. (Mercantile), Wabash Ave., Chicago, IL ¹¹⁰⁷	-- 16

¹⁰⁹² Cross-listed in Structural Failures.

¹⁰⁹³ Cross-listed in Explosions. At least 32 died in fires in nearby houses.

¹⁰⁹⁴ Cross-listed in Explosions.

¹⁰⁹⁵ Cross-listed in Explosions.

¹⁰⁹⁶ Cross-listed in Explosions.

¹⁰⁹⁷ Cross-listed in Explosions and in Structural/Construction. This was an LNG tank which was being cleaned and worked-on. A flash fire called a residual gas explosion which caused the tank concrete cap to fall on workers.

¹⁰⁹⁸ Cross-listed in Explosions.

¹⁰⁹⁹ Now part of Fort McNair between the Washington Channel to the west and the Anacostia River to the southeast.

¹¹⁰⁰ Cross-listed in "Explosions."

¹¹⁰¹ Cross-listed in Explosions. Besides deaths in the factory, seven people in adjoining house-fire died.

¹¹⁰² Cross-listed in Explosions. It is not clear whether the fire or the first explosion came first. Most of the fatalities were explosion-related – walls falling and building components failing.

¹¹⁰³ Cross-listed in Explosions. A fire was precipitating event – all deaths were due to the explosion.

¹¹⁰⁴ Cross-listed in Explosions (the cause of most, if not all, of the deaths).

¹¹⁰⁵ Cross-listed in Explosions.

¹¹⁰⁶ Cross-listed in Explosions, because fires were started by explosions.

29.	1921 -- Sep 14, Explosion/Fire, Atlantic Refining Co., Point Breeze, Philadelphia, PA ¹¹⁰⁸	16
30.	1904 -- June 04, Corning Distillery Fire, Explosions, Building Collapse, Peoria, IL	-- 15
31.	1945 -- Aug 13, Fire, Export Box & Sealer Co. Packing Plant, Grand Ave., Detroit, MI--	15
32.	1957 -- Jan 24, M. Baer Dress Co. Factory Fire, New Haven, CT	-- 15

Fire, structural -- Industrial/Production/Wholesale -- By Mortality (cont.)

33.	1910 -- Dec 21, Fire, Friedlander Leather Remnants Factory, Philadelphia, PA	-- 14
34.	1915 -- Oct 25, Fire, Union Paper Box Company, Pittsburgh, PA	-- 14
35.	1928 -- Feb 10, Vaporizer explos./fire, Beacon Oil Co. Refining Plant, Everett, MA ¹¹⁰⁹ --	14
36.	1833 -- Oct 04, Fire, Eagle Woolen Mills, Allegheny, PA	-- 13
37.	1877 -- Jun 08, Fire, Wall Failure, Sanford & Son's Hat Factory, Bridgeport, CT	--11-13
38.	1880 -- Dec 17, Fire, M.H. Birge & Co.'s "Manufactory," Buffalo, NY	-- 13
39.	1953 -- Mar 11, Fire, fermentation bldg. under construct., Anheuser-Busch, Newark NJ--	13
40.	1881 -- Oct 12, Fire, Randolph Cotton and Woolen Mill, Randolph St., Philly, PA	-- 9-12
41.	1902 -- Oct 21, Fire/glucose tank explosion, Glucose Sugar Refinery, Chicago, IL	--11-12
42.	1909 -- Nov 08, Explosion, Fire, Robert Morrison Comb Factory, Brooklyn NY ¹¹¹⁰	--10-12
43.	1905 -- Sep 17, Fuse Factory Explosion & Fire, Avon, CT	-- 9-12
44.	1915 -- Nov 06, Fire, Essex Waist Co., Diamond Factory, Brooklyn, NY	-- 12
45.	1947 -- Apr 02, Explosion and fire, Lawrence Brown Fireworks Plant, Clinton, MO ¹¹¹¹ --	12
46.	1918 -- Sep 17, Fire, American Button Company Plant, Newark, NJ	-- 11
47.	1928 -- Apr 20, Fire, Alexander Industries Plane Plant, Englewood, CO	-- 11
48.	1877 -- Dec 20, Fire, Greenfield Candy Works, Barclay St., NY, NY	-- 10
49.	1898 -- Feb 26, Fire/Explosions, walls fall, Hall Brothers Chem., Kalamazoo, MI ¹¹¹²	-- 10
50.	1900 -- Oct 29, Fire and Explosions, Tarrant & Co. Drug Warehouse, NYC, NY ¹¹¹³	-->7->10
51.	1929 -- Dec 10, Fire (lamp), Pathe Film Studio, Manhattan, NYC, NY	-- 10
52.	1933 -- Jun 09, Fire, Atlantic Pyroxylin Waste Co., North Arlington, NJ	-- 10
53.	1940 -- July 30, Explosions/Conflagration, R. M. Hollingshead Plant, Camden, NJ ¹¹¹⁴ --	10
54.	1941 -- Feb 05, Fire, New Haven Quilt and Pad Company, New Haven, CT	-- 10
55.	1946 -- Jan 28, Gasoline fumes ignite, fire, Tinker Field Hangar ~Oklahoma City, OK--	10
56.	1954 -- Oct 28, Fire/Chem. Tank Explos., Charles W. Berg Labs, Philadelphia, PA	-- 10
57.	1956 -- Dec 03, Luckenbach Steamship Pier Fire, Detonators Explode, Brooklyn, NY ¹¹¹⁵ --	10

Other:

	1916 -- Oct 17, Fire/poisonous fumes, Oakes Manufacturing Co., Long Island City, NY--	9
	2010 -- Dec 28, Fire, Abandoned Warehouse used by homeless, New Orleans, LA	-- 8
	1888 -- Aug 09, Fire, Wall Collapse, Caldwell & Griffith block, Chattanooga, TN	-- 5-7
	1888 -- Sep 02, Fire, Firefighters killed, Hopkins Place, Baltimore, MD	-- 7

¹¹⁰⁷ This was a mixed-use building with retail and wholesale commercial enterprises, as well as manufacturing.

¹¹⁰⁸ Cross-listed in Explosions.

¹¹⁰⁹ Cross-listed in Explosions. Most deaths were from the vaporizer explosion and a few from the resulting fire.

¹¹¹⁰ Not cross-listed in Explosions in that it appears that all the fatalities were fire-related.

¹¹¹¹ Cross-listed in Explosions.

¹¹¹² Cross-listed in Explosions -- all deaths were result of building failure following explosions, preceded by fire.

¹¹¹³ Cross-listed in Fire in that fire of undetermined source led to a series of explosions (which caused the fatalities).

¹¹¹⁴ Cross-listed in Explosions -- a series of explosions started the fires which became a conflagration.

¹¹¹⁵ Cross-listed in Explosions. Fire was the precipitating event. All deaths, though, were due to the explosion.

1889 -- Nov 30, Fire, Tribune Building, Minneapolis, MN	--	7
1950 -- July 16, Fire, lead and zinc smelting plant, Lark, UT	--	5
2007 -- Oct 2, Fire, 1,000 deep tunnel at Xcel hydroelectric plant, Georgetown, CO	--	5

Fires, structural**Institutional – Hospitals****By Mortality**

1.	1929 -- May 15, Cleveland Clinic (Hospital) Fire, Cleveland, OH	--	125
2.	1949 -- Apr 4-5, St. Anthony's Hospital Fire, Effingham, IL	--	74
3.	1950 -- Jan 07, Mercy Hospital Fire, Davenport, IA	--	41
4.	1923 -- Feb 18, Manhattan State Hospital Fire, Ward's Island, NY	--	27
5.	1945 -- Dec 24, Fire, Niles Street Convalescent Hospital, Hartford, CT	--	21
6.	1892 -- Jan 21, Fire, Surgical Institute, Illinois and Georgia streets, Indianapolis, IN	--	19
7.	1961 -- Dec 8, Fire, Hartford Hospital, Hartford, CT	--	16
	1956 -- Dec 23, Fire, Xmas tree wiring short circuit, Doctors' Hosp., Minneapolis, MN--		7

Fires, structural**Institutional – Mental Asylums/Boarding Homes****By Mortality**

1.	1918 -- Apr 13, State Hospital for the Insane Fire, Norman, OK	--37-39
2.	1943 -- Jan 31, Fire, Lake Forest Park Sanitarium, ¹¹¹⁶ Lake Forest Park, WA	-- 32
3.	1880 -- Nov 15, Fire, Minnesota State Asylum for Insane, St. Paul, MN	--24-30
4.	1850 -- Dec 03, Fire, Maine Insane Asylum, Augusta, ME	-- 28
5.	1980 -- July 26, Brinley Inn Boarding Home (Mental Impairment) Fire, Bradley Beach, NJ--	24
6.	1885 -- Feb 12, Arson Fire, Dept. for Insane, Blockley Almshouse, Philadelphia, PA	--19-20
7.	1885 -- Jan 18, Fire, Illinois Eastern Hospital for Insane, Kankakee, IL	-- 18
8.	1899 -- Feb 12, Fire, State Insane Asylum, near Yankton, SD	-- 17
9.	1952 -- Nov 26, Fire, Female Ward, Huntington State Mental Hosp., Huntington, WV--	17
10.	1919 -- May 19, Mental Asylum Fire in Columbia, SC	-- 16
11.	1978 -- Dec 09, Mental Hospital Fire, Ellisville, MS	-- 15
12.	1902 -- June 09, Fire, St. Luke's Society Sanitarium, Wabash / 21 st , Chicago, IL	--12-13
13.	1891 -- March 13, Fire, Central Tennessee Insane Asylum, near Nashville, TN	--10-11
14.	2006 -- Nov 27, Anderson Guest House (elderly/mentally-impaired), Anderson, MO ¹¹¹⁷	-- 11
15.	1979 -- Apr 11, Fire, Halfway House (Mental Impairment), Lamont Street, Wash. DC--	10
16.	1992 -- June 2, Fire, Nu-Way Development Home (Adult Foster Care), Detroit, MI	-- 10
	1948 -- March 10/11, Fire, Highland Hospital for Nervous Disorders, Asheville, NC	-- 9
	1983 -- Aug 31, Fire, Mentally Handicapped Home, Annandale Village, Suwanee, GA--	8

¹¹¹⁶ For elderly, invalids and persons suffering from mental disabilities. Lake Forest Park is just north of Seattle.

¹¹¹⁷ Cross-listed in Structural Fire subset – Institutional – Nursing, Convalescent, Elderly Boarding, Retirement.

Fire - Institutional – Nursing, convalescent, elderly boarding, retirement homes - Mortality

1.	1957 -- Feb 17, Katie Jane Nursing Home Fire, Warrington, MO	--	72
2.	1963 -- Nov 23, Golden Age Nursing Home Fire, Fitchville, OH	--	63
3.	1931 -- July 24, Home for the Aged Fire, Pittsburgh, PA	--	48
4.	1953 -- Mar 29, Fire, Littlefield Nursing Home, near Largo, FL ¹¹¹⁸	--	33-35
5.	1970 -- Jan 09, Harmer House Convalescent/Nursing Home Fire, Marietta, OH	--	32
6.	1981 -- Jan 09, Fire, Beachview Rest Home (Sheltered Care Facility) Keansburg, NJ	--	31
7.	1963 -- Nov 18, Fire (arson?), Surfside Hotel (elderly home), Atlantic City, NJ ¹¹¹⁹	--	25
8.	1979 -- April 2, Wayside Inn Boarding Home/Care Facility Fire, Farmington, MO	--	25
9.	1976 -- Jan 30, Arson Fire, Wincrest Nursing Home, Chicago, IL	--	24
10.	1951 -- Jan 30, Convalescent Home Fire, Hoquiam, WA	--	21
11.	1952 -- Oct 31, Nursing Home Fire, Hillsboro, MO	--	20
12.	1964 -- Dec 18, Maples (McGraw) Convalescent Home Fire, Fountaintown, IN	--	20
13.	1876 -- Mar 07, Fire, Home for the Aged, East Brooklyn, NY	--	18
14.	1957 -- Feb 13, Fire, Council Bluffs Convalescent Home, Council Bluffs, IA	--	16-17
15.	1989 -- Dec 24, John Seiver Elderly Residence Fire, Johnson City, TN	--	16
16.	2003 -- Feb 26, Fire (set by patient), Greenwood Nursing Home, Hartford, CT	--	16
17.	2003 -- Sep 25, Fire, National Healthcare Center Nursing Home, Nashville, TN	--	16
18.	1971 -- Oct 19, Fire, Geiger Nursing Home, TX Township, Honesdale, PA	--	15
19.	1973 -- Dec 04, Caley Nursing and Rehabilitation Center Fire, Wayne, PA	--	15
20.	1946 -- Feb 02, Explosion/Fire, Jennings Hall Home for Aged, Garfield Heights, OH	--	14
21.	1979 -- Nov 11, Coats Boarding/Nursing House Fire, Pioneer, OH	--	14
22.	1956 -- July 30, Reagan Nursing Home Fire, Puxico, MO	--	12
23.	1970 -- Aug 05, Fire, Pensioner Rooming House, E. Hennepin, Minneapolis, MN ¹¹²⁰	--	11-12
24.	1989 -- Oct 05, Fire, Hillhaven Rehabilitation and Convalescent Center, Norfolk, VA	--	12
25.	1973 -- Sep 13, Fire, Washington Hill Nursing Home, Philadelphia, PA	--	11
26.	2006 -- Nov 27, Fire, Anderson Guest House (elderly/mentally-impaired), Anderson, MO ¹¹²¹	--	11
27.	1934 -- Feb 20, Fire, Penn. Mem. Home/Hosp. (Civil War veterans widows), Brookville, PA	--	10
28.	1950 -- Dec 22, Fire, Walker Convalescent Home (for Elderly), near Amarillo, TX	--	10
29.	1971 -- Jan 14, Westminster Terrace Nursing Home Fire, Buechel KY	--	10
30.	1972 -- Jan 26, Fire, Green Nursing Home, Lincoln Heights, OH	--	10
31.	1972 -- Apr 04, Fire, Fair Hills Nursing/Boarding Home, Rosecrans, WI	--	10
32.	1972 -- May 05, Fire, Carver Nursing Home, Springfield, IL	--	10
33.	1972 -- Nov 30, Baptist Towers Senior Citizens Home Fire, Atlanta, GA	--	10
34.	1973 -- Jan 29, Arson Fire, Street's Sheltered Care Rest Home, Pleasantville, NJ ¹¹²²	--	10
35.	1979 -- April 1, Fire, Marietta Manor private care home for elderly, Connellsville, PA	--	10
36.	1985 -- July 23, Fire, Elderly Boarding Home, Sweet Valley, PA	--	10
37.	1991 -- Mar 04, Crystal Springs Estates Boarding Home Fire, Colorado Springs, CO	--	10
38.	1997 -- May 13, Fire, Board and Care Facility, Harvey's Lake, PA	--	10

¹¹¹⁸ 32 patients and a nurse died in the fire. A patient on way to a hospital and car driver were killed in an accident.

¹¹¹⁹ Ex-mental patient and arsonist arrested and "confessed," but was not indicted.

¹¹²⁰ Cross-listed in Structural Fire subset of Apartment/Boarding/Rooming House Fires. Most victims were retirees.

¹¹²¹ Cross-listed in Structural Fire subset – Institutional – Mental Asylums/Boarding Homes.

¹¹²² Cross-listed in Violence-Arson.

1948 -- March 23, Fire, Ward's Rest/Convalescent Home for elderly, north Omaha, NE-- 8
1943 -- Feb 11, Fire and Suffocation (elderly), Convalescent Home, Sioux Falls, SD -- 7
1971 -- Sep 15, Fire/Suffocation, Lil-Haven Nursing Home, Salt Lake City, UT -- 6

Fires, structural**Institutional – Orphanages****By Mortality**

1.	1901 -- Jan 08, Fire/Boiler Explosion, Orphan Asylum, Rochester, NY	--	31
2.	1884 -- Dec 18, Fire, St. John's Home Catholic Orphan Asylum, Brooklyn, NY	--	23-25
3.	1822 -- Jan 24, Fire, Philadelphia Orphan Asylum, Schuylkill & Cherry, Philly PA	--	23
4.	1881 -- Feb 27, Fire, St. Patrick's Orphanage, Scranton, PA	--	17
5.	1945 -- Jan 31, Fire, Lacoste Babies' Boarding Home & Nursery, Auburn, ME ¹¹²³	--	17
	1912 -- Oct 30, Fire, St. John's Orphanage, San Antonio, TX	--	7-8
	1909 -- Aug 30, Fire, St. Malachy's Home for Children, Far Rockaway Beach, NY	--	7
	1851 -- Oct 15, Fire, German Catholic Orphan Asylum, Cincinnati, OH	--	6
	1916 -- Dec 22, Fire, Kansas Masonic Charity Home, Wichita, KS ¹¹²⁴	--	5
	1958 -- Nov 27, Fire, Mary Flake Home for Handicapped Children, Warr Acres, OK	--	5

¹¹²³ This was a boarding home for babies and children up to five. Cross listed in Orphanage, though this was not one, in that we have no other sub-set for institutional children's care.

¹¹²⁴ This was also an orphanage, but none of the fatalities were children. Section of home that burned was for elderly Masonic Lodge members.

Fires, structural **Institutional – Pauper/Poor Houses** subset **By Mortality**

1. 1878 -- Apr 7, Fire, Steuben County House (poor house/insane asylum), Bath, NY --15-16
2. 1881 -- Jan 07, Fire, Strafford County Farm [for paupers], near Dover, NH --13-15
3. 1884 -- Apr 30, Fire, Van Buren County, MI Poorhouse, near Harford, MI --13-15
4. 1890 -- May 07, Fire, Chenango Co. Poorhouse & Asylum, Preston, NY -- 13

- 1935 -- Jan 1, Fire, Cherokee County Home for elderly men dormitory, Gaffney, SC -- 5
- 1944 -- April 13, Fire, Douglas County Home (for the poor), near Lawrence, KS -- 8

Fire -- Institutional - Penal: Jails, Penitentiaries, Prisons, Prison Camps, Work Houses
By Mortality

1. 1930 -- Apr 22, Ohio State Penitentiary Fire, Columbus, OH --320-322
2. 1977 -- June 26, Arson Fire, Maury County Jail, Columbia, TN¹¹²⁵ -- 42
3. 1967 -- July 16, Riot, Fire, Prison Barracks/Camp, Berrydale, FL --37-38
4. 1913 -- July 21, Fire, Convict Cage, Oakley Convict Farm, Hinds County, MS -- 35
5. 1916 -- Mar 06, Jail Fire, "El Holocausto," or the "Jail Holocaust," El Paso, TX --18-30
6. 1982 -- Nov 8, Fire (intentionally set by inmate), Harrison County Jail, Biloxi, MS -- 29
7. 1959 -- Mar 5, Fire, Negro Boys Industrial School Reformatory Dorm, Wrightsville, AR-- 21
8. 1950 -- Mar 08, Fire, prisoner jail, Sandia Secret Weapons Base, Albuquerque, NM -- 15
9. 1866 -- Jan, Fire Jail and City Guard House, Marietta, GA -- 13
10. 1931 -- Mar 17, Fire, Stockade, County Jail, Kenansville, NC -- 11
11. 1975 -- June 9, Mattress set on Fire, spreads, Seminole County Jail, Sanford, FL -- 11
12. 1979 -- Dec 27, Fire, Lancaster County Jail, Lancaster, SC -- 11

¹¹²⁵ Cross-listed in Violence-Arson.

Fires, structural**Institutional – Schools and Colleges subset****By Mortality**

1. 1908 -- Mar 04, Fire, Trampling, Lake View Elem. School, Collinwood, OH¹¹²⁶ --172-178
2. 1958 -- Dec 01, Our Lady of the Angels Elementary School Fire, Chicago, IL -- 95
3. 1923 -- May 17, Fire, Cleveland School District, Kershaw County, near Camden, SC -- 77
4. 1924 -- Dec 24, Babbs Switch School Fire, Hobart, OK -- 36
5. 1884 -- Jan 05, Fire, Immaculate Conception Academy (Conv./School), Belleville, IL -- 32
6. 1924 -- May 31, Fire, Hope Development School, Playa Del Rey, near Venice CA -- 24
7. 1915 -- Oct 28, Fire, Trampling, St. John's Parochial School, Peabody, MA¹¹²⁷ -- 21
8. 1903 -- Dec 18, Fire, Women's Dormitory, Walden University, Nashville, TN -- 9-15
9. 1954 -- Mar 31, Cleveland Hill Elementary School Fire, Cheektowaga, NY -- 15
10. 1916 -- Oct 05, Fire, Christian Brothers College, St. Louis, MO -- 10
11. 1977 -- Dec 13, Fire, Providence College Women's Dormitory, Providence, RI -- 10

¹¹²⁶ Cross-listed in Violence-Crushing, Trampling, Suffocation.

¹¹²⁷ Cross-listed in Violence subsection: Crushing, Trampling, Suffocation. Most of the girls died at the door block.

Fires, structural**Maritime Docks** subset**By Mortality**

1. 1900 -- Jun 30, Fire, Lloyd Steamship Piers, Ships, Hoboken, NJ¹¹²⁸ --300-400
2. 1960 -- Dec 19, Fire, *U.S.S. Constellation*, New York Naval Shipyard, NY -- 50
3. 1941 -- Aug 18, Fire, NY & Cuba Mail Steam Ship Co. Piers, *Panuco*, Brooklyn, NY --34-35
4. 1956 -- Dec 03, Luckenbach Steamship Pier Fire, Detonators Explode, Brooklyn, NY¹¹²⁹-- 10

¹¹²⁸ Cross-listed under Maritime Disasters, Explosions/Fires.

¹¹²⁹ Cross-listed in Explosions. Fire was the precipitating event. All deaths, though, were due to the explosion.

**Fire, structural -- Nightclubs/Dance/Gambling Halls/Supper/Social Clubs, Cocktail Lounge
By Mortality**

1. 1942 -- Nov 28, Fire/trampling/suffocation, Cocoanut Grove Nightclub, Boston, MA¹¹³⁰ --498
2. 1940 -- April 23, Rhythm Night Club fire/suffocation/trampling, Natchez, MS -- 209
3. 1977 -- May 28, Beverly Hills Supper Club Fire, Southgate, KY -- 165
4. 2003 -- Feb 20, Fire, Trampling, The Station Nightclub, West Warwick, RI¹¹³¹ -- 100
5. 1990 -- Mar 25, Arson Fire, Happy Land Social Club, Bronx, NY¹¹³² -- 87
6. 1894 -- Dec 24, Fire, Chrisman Bros. Hall, Silver Lake, Lake County, OR -- 43
7. 2016 -- Dec 2, Fire, rave party in warehouse, Fruitvale district, Oakland, CA¹¹³³ -- 36
8. 1973 -- Jun 24, Cocktail Lounge Fire, New Orleans, LA -- 32
9. 1919 -- Nov 22, Stove Explosion/Fire/Crushing, Dance Hall/Store, Ville Platte LA¹¹³⁴ --25-28
10. 1976 -- Oct 23, Puerto Rican Social Club Fire, Bronx, NY -- 25
11. 1974 -- Jun 30, Gulliver's Discotheque Fire, Port Chester, NY -- 24
12. 1929 -- Sep 20, Study Club Dance Hall Fire, Detroit, MI -- 22
13. 1955 -- Aug 10, Explosion (sewer gas?) & Fire, Gateway Restaurant, Andover, OH¹¹³⁵ -- 22
14. 1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV¹¹³⁶ -- 15
15. 1965 -- Dec 11, Arson Fire/Mass Murder, Seeley Club (Tavern), Chicago, IL¹¹³⁷ -- 13
16. 1965 -- Dec 20, Arson Fire, Jewish Community Center, Yonkers, NY¹¹³⁸ -- 12
17. 1968 -- Feb 16, Arson Fire, Randolph Tavern, 107 W. Reed Street, Moberly, MO¹¹³⁹ -- 12
18. 1867 -- Jun 18, Fire, Saloon, near Rock Island Railroad Depot, Chicago, IL --10-11
19. 1956 -- Jan 29, MD Oyster Roast Fire, Arundel Park Hall, Brooklyn MD -- 11

¹¹³⁰ Cross-listed in Violence-Crushing, Trampling, Suffocation.

¹¹³¹ Cross-listed in Violence-Crushing, Trampling, Suffocation.

¹¹³² Cross-listed in Violence-Arson.

¹¹³³ An entertainment event (live music, paid admission) at a warehouse for artist work/non-permitted living.

¹¹³⁴ Cross-listed in Explosions and in Violence/Trampling.

¹¹³⁵ Cross-listed in Explosions.

¹¹³⁶ Cross-listed in Explosions (gas can deliberately thrown into fire from kicked-over stove), and in Violence.

¹¹³⁷ Cross-listed in Violence-Arson.

¹¹³⁸ Cross-listed in Violence-Arson.

¹¹³⁹ Cross-listed in Violence-Arson.

Fire, structural**Residences/Houses subset****By Mortality**

1.	1959 -- Jan 08, Home Wood Stove Fire (15 children and woman), Boswell, OK	--	16
2.	1954 -- Dec 24, Explos./fire, kerosene thrown in stove, tenant farmhouse ~Parkin, AR ¹¹⁴⁰	--	13
3.	1963 -- Dec 25, Oil Heater explodes/house burns (Johnson children), Charleston, SC	--	13
4.	1941 -- Oct 28, Home Fire, Montclair, NJ	--	12
5.	1961 -- Mar 28, Residential fire (lightning?), Alex Whitehead home, Dotsonville, TN ¹¹⁴¹	--	12
6.	1969 -- June 8, Arson Fire (Patricide), Bailey Family Home, Parkersburg, WV ¹¹⁴²	--	12
7.	1987 -- Sep 30, Residence Fire, Milwaukee, WI	--	12
8.	1949 -- Mar 03, Kerosene Explosion and Fire, Residential, Lakewood, MI	--	11
9.	1959 -- Mar 15, Fire, Farm House (10 children and farmer), Cross Hill, SC	--	11
10.	1964 -- Feb 22, House Fire (Moses James family, 9 children), near Society Hill, SC	--	11
11.	1968 -- Feb 11, Fire, Dwelling, Franklin, PA	--	11
12.	1968 -- July 18, Fire, Dwelling (9 children, 2 adults), St. Albans sec., Queens, NY	--	11
13.	1981 -- Jan 11, Single Family Home Fire, East St. Louis, IL	--	11
14.	1998 -- March 22, Fire, Mt. Cabin, Spring Break Youth, Madisonburg Mt. ~Madisonburg, PA	--	11
15.	2001 -- Jan 03, Single Family Dwelling Fire, Oak Orchard, Sussex Ct., DE	--	11
16.	1905 -- Jan 03, Entire Noweski Family Killed, Fire, Morris Run, PA	--	10
17.	1958 -- Apr 05, Home Fire, Porter Township, near Jersey Shore and Williamsport, PA	--	10
18.	1962 -- Jan 15, Fire, Paladino home, Catholic Point community ~Center Ridge, AR	--	10
19.	1963 -- Feb 21, Farm/tenant home Fire, near Luxora, AR	--	10
20.	1963 -- Feb 23, Home Fire (Paul Saville family--wife, 8 children), Morehouse, MO	--	10
21.	1964 -- Sep 12, Farm House Fire (Bowdish/McConnell children), Kasota, MN	--	10
22.	1969 -- Apr 05, kerosene explosion/Fire, house, Oakwood Bayou community ~Dumas, AR	--	10
23.	1969 -- July 10, Fire, Farm Dwelling (laundry room), Posen, Presque Isle County, MI	--	10
24.	1989 -- Jan 01, Rural House Fire, Remer, MN	--	10
25.	2007 -- Feb 06, Single-Family House Fire, Bardstown, KY	--	10
26.	2008 -- Apr 03, Residential Fire, Brockway, PA	--	10
	1891 -- Apr 06, Fire, 3 tenement/store houses, NY St., Rochester, Beaver Co., PA	--	9
	1954 -- Mar 19, Kerosene explodes, home woodstove, Spider Ridge, ~Parkersburg, WV ¹¹⁴³	--	9
	2005 -- May 21, Arson Fire, House during child's birthday sleepover, Cleveland, OH ¹¹⁴⁴	--	9
	2006 -- Mar 11, Fire, two-story home, Evensville, Rhea County, TN	--	9
	2012 -- Mar 24, Residential Home Fire, Charleston, WV	--	9
	2014 -- Jan 30, Fire, home, linked to electric heater, Mom, children, Depoy, KY	--	9
	1944 -- Dec 30, Residential Home Fire, Columbus, IN	--	8
	1950 -- Mar 02, Residential family home fire, Monson, ME	--	8
	1959 -- Apr 28, Fire, coal-burning stove explosion, Nayakik residence, Point Barrow, AK	--	8
	1967 -- July 04, Fire, Shanty Family Residence, Oxford, ME	--	8
	1944 -- Mar 06, Children die in home fire, York Beach, ME	--	7
	1954 -- Apr 03, Fire Mother and Six Children Die, Farm House near Tuttle, ND	--	7

¹¹⁴⁰ Cross-listed in Explosions. The deaths were caused by burning fuel thrown onto the victims.

¹¹⁴¹ Cross-listed in Lightning.

¹¹⁴² Cross-listed in Violence-Arson.

¹¹⁴³ Cross-listed in Explosions. Burning kerosene was thrown on some if not all victims; home burned to ground.

¹¹⁴⁴ Cross-listed in Violence-Arson.

1954 -- Apr 10, Explosion, kerosene put in home stove, fire, Columbia, AL ¹¹⁴⁵	--	7
1959 -- Mar 29, Fire, residence, children killed, Danielstown, Brunswick County, VA	--	7
1963 -- Apr 23, Residential Fire, River Park Drive, Louisville, KY	--	7
2006 -- July 20, Fire (over-heated refrigerator), Residential Home, Chickasha, OK	--	7
2013 -- Mar 09, Fire, Home (unknown cause), Man, Woman, 5 Children, Gray, KY	--	7

Fire, structural

Residences/Houses

By Mortality

1954 -- Apr 03, Explosion/fire, kerosene poured in home stove, Glouster, OH ¹¹⁴⁶	--	6
1955 -- Feb 01, Home Fire, all children, Chuckatuck, VA	--	6
1959 -- Jan 05, Fire, residential, coal-burning stove, Winstonville, Bolivar Co., MS	--	6
1959 -- Jan 20, Fire (exploding stove?), residence, children killed, Ashland, ME	--	6
1959 -- Mar 16, Fire, residence (father and five children), Superior, WI	--	6
1959 -- Apr 25, Fire, Waldrop residence, Hill City, near Calhoun, GA	--	6
1960 -- Mar 27, Home Fire kills widow and five children, Winthrop, ME	--	6
1963 -- Dec 16, Children die, Duplex home fire, space heater spilled oil, Portland, ME--	6	
1989 -- July 4, Home Fire, children, locked in house, River Park Drive, Louisville, KY--	6	
1999 -- Jan 1, Fire, Hatfield family home (from LP gas heater in garage), Ceylon, MN--	6	
2006 -- March 11, Fire, Residential, wood-burning stove probable cause, Shoals, IN	--	6
2006 -- Apr 7, Fire, Residential, Propane lantern ignites mtl. in mobile home, Jacksonville, FL--	6	
2014 -- Feb 22, House Fire (parents and four children), Indianapolis, IN	--	6
2014 -- Aug 29, Mobile home fire (cause undetermined), just outside Garland, NC	--	6
1902 -- Aug 24, Residential House Fire kills children, Portland, ME	--	5
1954 -- Jan 04, Fire, Residential Home, 5 Children Die, Oglethorpe, GA	--	5
1954 -- Jan 04, Fire, Home Oil Space Heater Explodes, Old Orchard Beach, ME	--	5
1954 -- Jan 21, Stove Explodes, Home Burns, mother and 4 children die, Gordon, NE	--	5
1954 -- Aug 23, Children die in residential home fire, Waterville, ME	--	5
1955 -- Jan 31, Fire (mother and children), Home Oil Stove, Lakeview, GA	--	5
1959 -- Feb 15, Home Fire, thought to be from Coal Cooking Stove, Pinson Fork, KY	--	5
1992 -- Nov 8, Fire (fireplace ashes in box), Home, South Jordan (~Salt Lake), UT	--	5

¹¹⁴⁵ Cross-listed in Explosions.

¹¹⁴⁶ Cross listed in Explosions.

Fires **Tenements, Apartments, Rooming Houses, Rowhouses, Barracks** **By Mortality**

1.	1946 -- Dec 12, Fire, vacant Knickerbocker Ice Plant wall falls onto Tenement, NYC	--	37
2.	1903 -- Nov 01, "House of All Nations" Tenement Fire, Eleventh Ave., NYC, NY	--	25
3.	1973 -- Nov 15, Apartment House Fire, Los Angeles, CA	--	25
4.	1982 -- Sep 04, Arson Fire, Dorothy Mae Apartments/Hotel, Los Angeles, CA ¹¹⁴⁷	--24-25	
5.	1979 -- Jan 20, Arson Fire, Tenement, Clinton Street, Hoboken, NJ ¹¹⁴⁸	--	21
6.	1860 -- Feb 02, Tenement Building Fire, 142 Elm Street, East Manhattan, NY, NY	--10-20	
7.	1888 -- Aug 03, Fire, Tenement House, 197 Bowery, NY, NY	--17-20	
8.	1905 -- Mar 14, Fire, Tenement, Allen St., New York City, NY	--	20
9.	1907 -- July 28, Fire, Tenement House, 222 Chrystie Street, East Side, NYC, NY	--19-20	
10.	1976 -- Jan 10, Pathfinder (residential) Hotel Natural Gas Explos./Fire, Fremont, NE ¹¹⁴⁹	--	20
11.	1940 -- Jan 03, Fire, Marlborough (Apartment) Hotel, Minneapolis, MN	--	19
12.	1945 -- Feb 17, Fire, Maefair Apartments, Tacoma, WA	--	19
13.	1953 -- Sep 07, Fire, Spector Realty Co. Tenement building, State St., Chicago, IL	--	18
14.	1957 -- Nov 16, Fire, Tenement (ex-Moonglow Hotel), Allen Ave., Niagara Falls, NY	--	18
15.	1900 -- Mar 12, Arson Fire (charged), Italian Tenement Building, Newark, NJ ¹¹⁵⁰	--	16
16.	1904 -- Sep 04, Fire, 5-Story Tenement, Attorney St., New York City, NY	--	15
17.	1922 -- Oct 22, Fire, Apartment House, Lexington Avenue, NY, NY	--	15
18.	1984 -- July 4, Arson, Elliott Chambers Rooming Home Fire, Beverly, MA ¹¹⁵¹	--	15
19.	1890 -- Feb 02, Shop and Tenement Fire, North Street, Boston, MA	--12-14	
20.	1900 -- July 3, Arson Fire (alleged), Tenement, Adams and First Sts., Hoboken, NJ ¹¹⁵²	--13-14	
21.	1917 -- Feb 02, Gas Explosion/Fire, Tenement Buildings, Chicago, IL ¹¹⁵³	--	14
22.	1924 -- Feb 19, Fire, Tenement House, Madison St., New York, NY	--	14
23.	1975 -- Dec 12, Fire, Apartment Building, San Francisco, CA	--	14
24.	1982 -- July 5, Arson Fire, Apartment Building, Waterbury, CT ¹¹⁵⁴	--	14
25.	1923 -- Feb 23, Fire, Garage and Apartments, Hatley Building, Kansas City, KS	--	13
26.	1932 -- June 07, Explos./Arson/Mass Murder, Ellington Apartments, Cleveland, OH ¹¹⁵⁵	--	13
27.	1942 -- Jan 20, Fire, Melvin Hall Apartments, Lynn, MA	--	13
28.	1968 -- Jan 09, Fire, Paper Box Factory and Tenement/Apt. House, Brooklyn, NY	--	13
29.	1968 -- Aug 31, In-Crowd Lounge/Apartment Fire (possibly Arson), Gary, IN	--	13
30.	1979 -- Oct 19, Typhoon/fuel bladder ruptures/barracks fire, USMC Camp Fuji, Japan	--	13
31.	1982 -- April 30, Arson Fire, Pinter (residential) Hotel, 14 th Street, Hoboken, NJ ¹¹⁵⁶	--	13
32.	1904 -- Nov 20, Fire, Tenement House, Troutman Street, Brooklyn, NY	--	12
33.	1921 -- Nov 14, Fire, Tenement House, 108 West 17 th St., NYC, NY	--10-12	
34.	1923 -- Apr 27, Fire, Tenement Building, East 109 th Street, NYC, NY	--	12
35.	1955 -- Feb 01, Oil Stove Fire (11 children), Tenement, Schuyler St., Amsterdam, NY	--	12

¹¹⁴⁷ Cross-listed in Violence-Arson.

¹¹⁴⁸ Cross-listed in Violence-Arson.

¹¹⁴⁹ Though originally a hotel, it had been modified to provide apartments. Cross-listed in Fire-Explosions.

¹¹⁵⁰ Cross-listed in Violence-Arson.

¹¹⁵¹ Cross-listed in Violence-Arson.

¹¹⁵² Cross-listed in Violence-Arson.

¹¹⁵³ Cross listed in Explosions.

¹¹⁵⁴ Cross-listed in Violence-Arson.

¹¹⁵⁵ Cross-listed in Violence-Arson.

¹¹⁵⁶ Cross-listed in Violence-Arson.

36.	1969 -- Jun 03, Fire, Apartment House, Kansas City, MO	--	12
37.	1970 -- Aug 05, Fire, Pensioner Rooming House, E. Hennepin, Minneapolis, MN	--11-	12
38.	1971 -- Apr 25, Fire, Seventh Avenue Apartments Building, Seattle, WA	--	12
39.	1976 -- Dec 23, Fire, Apartment House, Chicago, IL	--	12
40.	1978 -- Dec 07, Fire, Tenement House, Newark, NJ	--	12
41.	1980 -- Dec 18, Fire, Avalon Apartment Building, Salt Lake City, UT	--	12
42.	2017 -- Dec 28, Fire, boy, 3, playing with stove, apartment bldg., Belmont/Bronx, NY--		12

Fires Tenements, Apartments, Rooming Houses, Rowhouses, Barracks By Mortality con't

43.	1900 -- June 15, Tenement Fire, 34 Jackson Street, NYC, NY	--	11
44.	1902 -- Jan 29, Italian Tenement Fire, Fleet Street, North End, Boston, MA	--10-	11
45.	1946 -- Jan 27, Fire, Apartment Building/Rooming House, Kansas City, MO	--	11
46.	1948 -- Feb 13, Fire, Apartment Building, Hoage family, Cedar Street, Utica, NY	--	11
47.	1959 -- Feb 14, Fire (from gas explosion), Apartment Building, Ashland, KY	--	11
48.	1964 -- Nov 04, Fire, Dorchester Manor Apartment Hotel, Chicago, IL	--	11
49.	1969 -- Apr 06, Fire, Wood-Frame Tenement/Apartment House, Bridgeport, CT	--	11
50.	1973 -- Sep 29, Arson Fire, Tenement, Eleventh & Willow, Hoboken, NJ ¹¹⁵⁷	--	11
51.	1981 -- Oct 24, Arson Fire, Apartment Bldg., 12 th and Washington, Hoboken, NJ ¹¹⁵⁸	--	11
52.	1985 -- May 13, Philadelphia Police Bomb MOVE, Rowhouse Fire, PA ¹¹⁵⁹	--	11
53.	2005 -- Mar 10, Townhouse Mattress Fire, Marrero, LA	--	11
54.	1860 -- Mar 28, Fire, 40 th Street Tenement House, NYC, NY	--	10
55.	1909 -- Mar 03, Fire, Tenement Building, 374 Seventh Avenue, NYC, NY	--	10
56.	1923 -- Jun 21, Fire, Tenement Building, Federal Street, Chicago, IL	--	10
57.	1935 -- Sep 29, Arson, Tenement, Chicago, IL	--	10
58.	1966 -- Feb 5-6, Kerosene Heater Explodes, Fire, Rooming House, Miami, FL	--	10
59.	1969 -- Dec 18, Fire, Tenement, Brooklyn, NY	--	10
60.	1973 -- July 11, Fire, Apartment Bldg./Rooming House, Main St., Worcester, MA	--	10
61.	1976 -- Feb 04, Fire, Tenement House, New York, New York	--	10
62.	1976 -- Dec 20, Fire, Apartment House, MacArthur Park, LA, CA	--	10
63.	1977 -- Dec 10, Fire, Wenonah Park Building Apartments, Bay City, MI	--	10
64.	1982 -- May 14, Row House Fire, Baltimore, MD	--	10
65.	1984 -- Feb 8, Family Row-House Fire, Philadelphia (Kensington section), PA	--	10
66.	1991 -- Feb 16, Fire (extension cord related), Apartment Bldg., New Britain, CT	--	10
67.	1991 -- Dec 9, West Side Apartment Building Fire, Humboldt Park, Chicago, IL	--	10
68.	1993 -- May 3, Arson Fire, Apt./Tenement Bldg., Burlington Ave., Los Angeles, CA ¹¹⁶⁰ --		10
69.	2004 -- Sep 12, Arson Fire, Lincoln Park West Apartments, Prairie Township, OH	--	10
70.	2007 -- Mar 07, Rowhouse Fire, Bronx, NY	--	10

Other:

	1967 -- Jan 14, Row House (Cigarette) Fire, Philadelphia, PA	--	9
	1993 -- Feb 28, Fire, Apartment Building (8 children, 1 adult), Ludington, MI	--	9

¹¹⁵⁷ Cross-listed in Violence-Arson.

¹¹⁵⁸ Cross-listed in Violence-Arson.

¹¹⁵⁹ Cross-listed in Violence-Governmental Use of Force.

¹¹⁶⁰ Cross-listed in Violence-Arson.

1994 -- Feb 26, Fire, from candle; rowhouse; power turned off, west Baltimore, MD -- 9
 2007 -- Jan 13, Fire, Emmons Jr. Apartment Building, Huntington, WV -- 9

Fires Tenements, Apartments, Rooming Houses, Rowhouses, Barracks By Mortality con't

1983 -- Dec 9, Fire (careless smoking) Row House (five children), west Baltimore, MD -- 8
 1992 -- Feb 13, Fire (space heaters or smoking) Row House (5 children), Camden NJ -- 8
 1992 -- Dec 5, Fire (apparently smoking in bed), Row House (8 children), Chester, PA -- 8
 2007 -- May 22, Fire (smoking materials), Row House, east Baltimore, MD -- 8

1994 -- Jan 9, Fire (clothing on heating grate), row house (6 children), Baltimore, MD -- 7

2010 -- Dec 14, Fire, Two Story Brick Row House Home, east Baltimore, MD -- 6
 2014 -- Nov 1, rooming house fire (landlord charged with manslaughter), Portland, ME -- 6

1956 -- Dec 23, Fire, Downtown Apartment Bldg., mother, four children, Meriden, CT -- 5
 1992 -- Dec 17, Fire, four-family apartment building, Auburn, WA -- 5

Fire, structural -- Terrorism-Related subset -- By Mortality

1. 2001 -- Sep 11, World Trade Center attack, American 11 and United 175, NY --2,830
2. 2001 -- Sep 11, American Airlines hits Pentagon, Arlington VA -- 189
3. 1995 -- Apr 19, Terrorism, Alfred P. Murrah Federal bldg. Bombing, Oklahoma City¹¹⁶¹-168
4. 1910 -- Oct 1, Los Angeles Trade Unionist Dynamiting and Fire, *LA Times*, CA -- 21

¹¹⁶¹ Cross-listed in Violence and in explosions (almost 40% of 168 victims died from fire and smoke inhalation).

Fires, structural**Theaters/Opera Houses subset****By Mortality**

1.	1903 -- Dec 30, Fire, suffocation, trampling, Iroquois Theater, Chicago, IL ¹¹⁶²	-- 602
2.	1876 -- Dec 05, Conway Theater Fire, Trampling, Suffocation, Brooklyn, NY ¹¹⁶³	--283-300
3.	1908 -- Jan 13, Fire and Trampling, Rhoads Opera House, Boyertown, PA ¹¹⁶⁴	--169-175
4.	1811 -- Dec 26, Theatre Fire, Richmond, VA	--61-75
5.	1916 -- May 10, Explosion, Fire, Trampling, Theater, Wallaceton, VA	--13-26
6.	1867 -- Jun 19, Fox's American Theater Fire, Philadelphia, PA	--10-15
7.	1892 -- Apr 27, Fire, Gilmore's Central Theater, Philadelphia, PA	-- 14
8.	1941 -- Mar 10, Strand Theater Fire & Roof Collapse, Brockton, MA	-- 13
9.	1896 -- Sep 05, Fire, Yore's Opera House, Benton Harbor, MI	-- 12
10.	1887 -- July 9, Alcazar Theater Fire and town Conflagration, Hurley, WI	--10-11
11.	1901 -- Nov 06, Fire, Klondyke Theater, Harley, WI	-- 10
	1921 -- Nov 27, Fire, Rialto Theatre, New Haven, CT	-- 9

¹¹⁶² Cross-listed in Violence-Crushing, Trampling, Suffocation.

¹¹⁶³ Cross-listed in Violence-Crushing, Trampling, Suffocation.

¹¹⁶⁴ Cross-listed in Violence-Crushing, Trampling, Suffocation.

Fires, structural**Other****By Mortality**

- | | | | |
|----|---|-----------|-----|
| 1. | 1892 -- June 05, Dam Failure and Oil Fire, Titusville, Oil City, PA ¹¹⁶⁵ | -- | 350 |
| 2. | 1944 -- July 06, Barnum & Ringling Broth. Circus Fire, Stampede, Hartford, CT | --168-169 | |
| 3. | 1936 -- Apr 06, Tornado and Fire, Cooper Pants Factory, Gainesville, GA ¹¹⁶⁶ | --40-70 | |
| 4. | 1965 -- Aug 09, Titan II ICBM Silo Fire leading to Suffocation, near Searcy, AR | -- | 53 |
| 5. | 1968 -- Apr 05, Gas and Gunpowder Explosion, Fire, Richmond, IN | -- | 41 |
| 6. | 1965 -- Nov 24, Natural Gas explosion/fire, Nat. Guard Armory dance, Keokuk, IA ¹¹⁶⁷ | -- | 21 |
| 7. | 1943 -- Feb 18, Boeing XB-29 Crash into Frye Packing Plant, Fire, Seattle, WA ¹¹⁶⁸ | -- | ~20 |
| 8. | 1901 -- Aug 14, Waterworks Crib Fire, two miles off Cleveland Harbor, OH ¹¹⁶⁹ | --12-13 | |
| 9. | 2000 -- Aug 19, El Paso Natural Gas Pipeline Rupture and Fire, Carlsbad, NM ¹¹⁷⁰ | -- | 12 |

¹¹⁶⁵ Cross-listed under Dam Failures

¹¹⁶⁶ Cross-listed in Tornadoes. There were ~203 tornado deaths, including those from this fire. Most probably some of these deaths can be attributed to the destruction of the building. Many, mostly girls and women, had sought safety in the basement, only to be trapped when the building was destroyed and caught fire.

¹¹⁶⁷ Cross-listed in Explosions. Seven died the night of the explosion and fire. The others died from burn injuries in hospitals over next several weeks.

¹¹⁶⁸ The number twenty is an approximation in that it is not known how many Frye employees were killed directly by the crash and how many died in the resulting large fire. There were 32-34 fatalities in all (though one source has 41), of which 10 were onboard the XB-29. Cross-listed in Aviation.

¹¹⁶⁹ Cross listed in Mines Tunnels and Quarries.

¹¹⁷⁰ Cross-listed in Structural Failures and in Explosions. Technically perhaps not a "structural" fire.

FLOODING -- (Except Mine Floods) -- Deadliest American -- By MORTALITY

1. 1889 -- May 31, South Fork Dam Failure, Flash Flood, Fire Johnstown, PA¹¹⁷¹ --2,209-3,188
2. 1861 -- Dec-Jan 1862, Flooding, AZ, CA, OR, WA, UT, especially CA and OR -->1,000?
3. 1913 -- Mar 23-27, Ohio Valley Flooding/dam/levee failures, esp. OH, IN, IL¹¹⁷² --700-732
4. 1927 -- Late March-July, flooding, levee breaks upper and esp. lower MS River --246-500
5. 1937 -- Jan 5-Feb 15,¹¹⁷³ Flooding, OH/MS Riv. val. areas, AR/IL/IN/KY/MO/OH/PA/TN/WV-- 385-500
6. 1928 -- Mar 12-13, St. Francis Dam Failure/Flood, Santa Clara Riv. valley, CA¹¹⁷⁴ --370-431
7. 1844 -- May-June, Central US Floods, esp. IL, OH, KS, MO, Red, Upper MS Rivers -- 400
8. 1892 -- Jun 05, Dam Failure, Oil Fire, Titusville, Oil City, PA¹¹⁷⁵ -- 350
9. 1899 -- June 17-28, Flooding, Brazos River, TX -- 284
10. 1903 -- June 14, Downpour, Flash Flood, Willow Creek, Heppner (and area), OR -- ~247

11. 1912 -- Mar-Apr, Flooding, Miss. River, IL, TN, MS, KY, AR, MO, LA¹¹⁷⁶ -- 245
12. 1972 -- Jun 09, Pactola Dam Failure, Black Hills Flash Flood, Rapid City, SD¹¹⁷⁷ --236-238
13. 1921 -- Sep 8-10, Flooding, esp. San Antonio & Milam, Williamson Counties TX -- ≥224
14. 1874 -- July 26, Heavy Rain, Flooding, Allegheny/Pittsburgh, PA --100-220
15. 1938 -- Feb 27-March 4, Flooding, Southern CA -- 210
16. 1844 -- Oct 19, Lower Great Lakes Storm & Flooding, Lake Erie, Buffalo, NY -- 200
17. 1874 -- May 16, Mill River Reservoir Dam Failure, Williamsburg, MA¹¹⁷⁸ --139-200
18. 1901 -- June 23, Flooding, Elkhorn River, Pocahontas Rgn., Burke, Keystone, WV -- 200
19. 1927 -- Nov 2-4, New England Flooding, MA, NH, CT, ME, and especially VT -- 200
20. 1936 -- Mar 11-21, Flooding, New England -- 200
21. 1913 -- Dec 2-10, Texas Floods, Brazos, Other Valleys, Cent., East, Coast TX -- 177-190
22. 1935 -- May 30-June 1, Floods, esp. Republican & Kansas Rivers, esp. NE, CO, KS-159-168
23. 1969 -- Aug 19, Flash Flood, Nelson County, VA -- 159
24. 1771 -- May 27, Flood, Richmond and Henrico County, VA -- ~150
25. 1862 -- June 4/5, Great Flood of '62, Flooding & Dam Failures, Lehigh River, PA¹¹⁷⁹ -- ~150
26. 1903 -- May 26-Jun 18, Flooding, upper MS, lower MO valleys, IA, KS, MO --100-149
27. 1911 -- Sep 30, Bayliss Dam Failure, Freeman Run Valley, Austin, PA¹¹⁸⁰ --78-149
28. 1976 -- July 31, Big Thompson Canyon Flash Flood, CO -- 144
29. 1972 -- Feb 26, Dam Failure, Buffalo Creek, WV¹¹⁸¹ -- 126
30. 1850 -- Sep 2, Rain/Flooding, esp. east central PA, esp. Tamaqua, Nescopeck Forge¹¹⁸² 100-120
31. 1921 -- June 2, Arkansas River Levee Failures, Pueblo County, CO¹¹⁸³ -- 120

¹¹⁷¹ Cross-listed in Structural Failures -- Dam and Levees

¹¹⁷² Cross-listed in Structural Failures -- Dam and Levees

¹¹⁷³ Flood waters remained in some localities into March and there were a few flooding deaths in late February. However the great majority of fatalities noted herein are within Jan 5 and Feb 15, most in a shorter timeframe.

¹¹⁷⁴ Cross-listed in Structural Failures -- Dam and Levees

¹¹⁷⁵ Cross-listed in Structural Failures -- Dam and Levees

¹¹⁷⁶ Cross-listed in Structural Failures -- Dam and Levees

¹¹⁷⁷ Cross-listed in Structural Failures -- Dam and Levees

¹¹⁷⁸ Cross-listed in Structural Failures -- Dam and Levees

¹¹⁷⁹ Cross-listed in Structural Failures -- Dam and Levees

¹¹⁸⁰ Cross-listed in Structural Failures -- Dam and Levees

¹¹⁸¹ Cross-listed in Structural Failures -- Dam and Levees

¹¹⁸² Cross-listed in Structural Failures in that most of the fatalities were of people in structures which failed.

¹¹⁸³ Cross-listed in Structural Failures -- Dam and Levees

32. 1969 -- Jan 18-26, Storms, Flooding, Vehicle deaths, Mudslides, Southern CA -- 97-103
 33. 1882 -- Aug 23-24, Flooding, Concho Rivers, Ben Ficklin & vicinity., TX --65->100
 34. 1890 -- Feb 22, Dam Failure, Walnut Grove, AZ¹¹⁸⁴ -- 100
 35. 1916 -- Aug 9, Flash Floods, Cabin Creek, Coal River, Paint Creek, Mud River, WV--60-100
 36. 1936 -- Mar 17-20, "St Patrick's Day Floods", esp. Pittsburgh & Johnstown PA -- ~100

FLOODING – Deadliest American – **By MORTALITY** -- (Cont.)

37. 1907 -- Mar 13-18, Flooding, numerous rivers, Southern OH, Western PA, WV -- 89
 38. 1927 -- May, Kentucky River Flood -- 89
 39. 1993 -- May-early Nov, July (especially), Midwest Flooding, esp. MS & MO Rivers --72-84
 40. 1889 -- May 31/June 1, Flooding, Nittany Valley, North Central PA -- ~ 84
 41. 1977 -- July 20, Dam Failures, Flash Floods, Johnstown & Tanneryville, PA¹¹⁸⁵ -- 84
 42. 1908 -- Aug 24-28, Flooding, Fire, Bridge, Dam, Levee Failures NC, SC, GA, VA --46-80
 43. 1939 -- July, Flooding, Licking and Kentucky Rivers -- 78
 44. 1948 -- May 22-June 11, Flooding/dike failures, Pacific NW, esp. Vanport, OR¹¹⁸⁶ --57-77
 45. 1955 -- Dec, Flooding, Feather River Levee Failure, Northern two-thirds of CA¹¹⁸⁷ -- 76
 46. 1985 -- Nov 4-5, Flooding, Hurricane Juan remnants, WV, VA, PA, MD (esp. WV)¹¹⁸⁸ --71-74
 47. 1903 -- June 6, Flash & River Flooding, Pacolet River, especially ~ Pacolet, SC -- 65
 48. 1912 -- July 24, Cloudbursts, Flooding, PA, and WV -- 60
 49. 1916 -- Jan 14-30, Heavy Rain, So. CA Flooding, Lower Otay Dam Failure¹¹⁸⁹ --22-60
 50. 1943 -- Apr–Jun, Floods, Midwest Riv. Basin, AR/IA/IL/IN/MI/MO/MS/OH/OK --12-60
 51. 1964 -- June 8-9, Heavy rain, flooding, dam failures, esp. Blackfeet Reservation, MT -- 58
 52. 1935 -- July 7-11, Mohawk & Upper Susquehanna River Flooding, NY & PA -- 52
 53. 1970 -- Oct 5-10, Tropical storm/flooding (18 confirmed, 34 missing), Puerto Rico¹¹⁹⁰ --18-52
 54. 1921 -- Sep 7, South TX Hurricane Leads to Flash Flood, San Antonio, TX -- 51
 55. 1868 -- July 24, Storm Flood, Baltimore and Ellicott City, MD -- 50
 56. 1895 -- July 4-7, Mid-West Storms, Flooding, AR, IA, IL, KS, MO, NE, TX, WI -- ~50
 57. 1897 -- Apr 28, Flash Flood, Cottonwood River, Guthrie and vicinity, OK --28-50
 58. 1925 -- June 16, Train Derails, Rockport Crossing, near Hackettstown, NJ¹¹⁹¹ -- 50
 59. 2001 -- June 08, Tropical Storm Allison Flooding, TX, LA, FL, NC, VA, PA -- ~ 50
 60. 2017 -- Aug 25-30, Hurricane/Tropical Storm Harvey, SE TX, esp. greater Houston¹¹⁹² -- ≥50
 61. 1938 -- June 19, Flash Flood, Bridge Fails, Train Crash, Custer Creek, MT¹¹⁹³ --46-47
 62. 1964 -- Dec 21-28, Floods, Pacific NW, esp. no. CA and OR; also so. WA/ID/NV --45-47

¹¹⁸⁴ Cross-listed in Structural Failures -- Dam and Levees

¹¹⁸⁵ Cross-listed in Structural Failures, Dams and Levees.

¹¹⁸⁶ There was well over a month of flooding. Our dates encompass flooding deaths (including 11 from Canada). 57 is a solid figure; higher than 57 deaths figure is questionable in that it includes 39 deaths from WA (Weather Bureau report for Washington State for May-June notes 39 state deaths), and we have been able to specifically identify but six. Cross-listed in Structural Failures -- Dams, Dikes, and Levees.

¹¹⁸⁷ Cross-listed in Structural Failures, Dams and Levees.

¹¹⁸⁸ Cross-listed in Hurricanes. Death toll was 47-48 for WV, 22 for VA, 1 for MD and 1 for PA.

¹¹⁸⁹ Cross-listed in Structural Failures -- Dams and Levees.

¹¹⁹⁰ Cross-listed in Hurricanes and Tropical Storms.

¹¹⁹¹ Cross-listed in Rail.

¹¹⁹² Cross-listed in Hurricanes/Tropical Storms. We generally do not cross-list hurricane flooding deaths unless inland. Given large number of flooding deaths -- at least 50 out of 88 total hurricane-related deaths in TX -- we do.

¹¹⁹³ Cross-listed in Flash Floods and Structural Failures -- Bridge/Trestles.

63. 1915 -- Aug 3, Cloudburst, Flash Flood, Drownings, Mill Creek, Erie, PA	--29-45
64. 1933 -- Dec 30-31, Southern California Flooding	-- 45
65. 1939 -- Sep 25, El Cordonazo Tropical Storm, Southern CA, Flooding subset ¹¹⁹⁴	-- 45
66. 1870 -- Sep 30, Flooding, Shenandoah River, Virginius Island, Harpers Ferry, WV	-- 42
67. 1876 -- July 4, Storm, Flash Flood, Dam Failure, Rockdale, IA ¹¹⁹⁵	--41-42
68. 1942 -- May 22/23, Flooding, Eastern, Central, Northeastern PA	--32-42
69. 1902 -- Mar 26-30, Storm, Flooding, AL, KY, MS, especially TN	--38-41
70. 1951 -- July 12, Storms, Flooding, KS, MO, esp. Manhattan, Topeka, Lawrence, KS	-- 41
71. 1969 -- July 04, Thunderstorms, Flooding, Strong Winds, Tornadoes, Erie Coast, OH	-- 41
72. 1899 -- May, Brazos River Flood, Central and East TX	-- 40
73. 1964 -- Dec, Southern California Flooding	-- 40

FLOODING – Deadliest American -- By MORTALITY -- (Cont.)

74. 1977 -- Nov 06, Dam Failure and Flooding, Kelly Barnes Dam, Toccoa, GA ¹¹⁹⁶	-- 39
75. 1996 -- Jan 19-20, East Coast Flooding, especially PA (19) and NY (10)	-- 38
76. 1916 -- Aug 2-3, Cloudburst, Mill Dam Fails, Flash Flood, ~New Tazewell, TN ¹¹⁹⁷	--27-38
77. 1900 -- Jun 23, Cloudburst, Trestle Washout/Train Wreck/Fire, ~McDonough GA ¹¹⁹⁸	-- 37
78. 1980 -- Feb 13-21, Storms, flooding, mudslides, Cent. AZ, So.-coastal/Baja, CA, UT	-- 37
79. 1994 -- July 4-10, Tropical Storm Alberto Flooding, Dam Failures, AL, esp. GA ¹¹⁹⁹	--34-37
80. 2015 -- May 21-26, Storms, Heavy Rain, Flooding and Tornadoes, TX and OK	--36-37
81. 1912 -- Sep 02, Storms, Flooding, PA, OH, WV	-- 36
82. 1997 -- March 1-3, Flash Floods & Flooding, esp. Ohio River Valley, esp. KY (21)	--33-36
83. 1915 -- Apr 23, Flash Flood, Austin, TX	-- 35
84. 1882 -- Jan-March, Mississippi River Flood	-- 34
85. 1978 -- July 30-Aug 4, Tropical Storm Amelia & remnants, Flash Flooding, TX ¹²⁰⁰	--33-34
86. 1898 -- Apr 03, Levee Fails, Flash Flood, Shawneetown, IL ¹²⁰¹	--25-33
87. 1973 -- Mid-March to April, Mississippi River Flood of 1973	-- 33
88. 2015 -- Dec 26-28, ¹²⁰² Flooding (31 drownings), AR (1); IL (9); MO (15); OK (7)	-- 32
89. 1923 -- Sep 27, Flooding, Bridge Washout/Train Derails, near Lockett, WY ¹²⁰³	-- 31
90. 1950 -- June 24-25, Flash Flooding, 6 Counties, Central WV	-- 31
91. 1993 -- Jan 5-Feb 28, Winter storms, heavy rain and flooding, Southern CA ¹²⁰⁴	-- ≥31
92. 1837 -- June 14-15, Thunderstorms, Flooding, Jones' Falls, Baltimore, MD	--24-30
93. 1873 -- April 8/10, Flood, Drowning/Bldg. Collapse, Genesee River, Rochester NY	-- 30

¹¹⁹⁴ Cross-listed in Hurricanes and Tropical Storms.

¹¹⁹⁵ Cross-listed in Structural Failures -- Dams Dikes and Levees.

¹¹⁹⁶ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹¹⁹⁷ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹¹⁹⁸ Cross-listed in Rail and Structural Failure-Trestle.

¹¹⁹⁹ Cross-listed in Hurricanes/Tropical Storms and in Structural Failures--Dams.

¹²⁰⁰ Cross-listed in Hurricanes/Tropical Storms.

¹²⁰¹ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹²⁰² Dates relate to time-frame flood-related (and other) deaths occurred, not to the time-frame of the flood event.

¹²⁰³ Cross-listed in Rail.

¹²⁰⁴ We are aware of 39 deaths, at least 31 from drowning; 15 of which were of immigrants seeking to enter U.S. from Mexico, drowning in the Tijuana River. Two were vehicular accidents on rain-slickened roads. Six others were generally described as weather-related. One or more could have been from drowning, perhaps involving a vehicle. Cross-listed in Winter Storms.

94. 1874 -- Pueblo-area Flooding, CO	-- 30
95. 1874 -- July 24, Rain, Waterspout, Flooding, Eureka, NV	--20-30
96. 1896 -- July 24, Flash Floods, Mt Vernon, Bear and Clear Creek Canyons, CO	--29-30
97. 1888 -- July 18-19, Flooding, WV, especially Wheeling	--20-30

FLOODING – Deadliest American -- **By MORTALITY** (Cont.)

98. 1998 -- Oct 17-18, Flash Floods, Central TX	-- 29
99. 1886 -- May 12, Flash Flood, Xenia, OH	-- 28
100. 1914 -- Sep 15, Flooding, Bridge Washout & Train Derailment, Lebanon, MO ¹²⁰⁵	-- 28
101. 2010 -- May 1-2, Severe Storms, Flooding, KY, MS, esp. TN; Tornadoes, MS, TN ¹²⁰⁶	-- 27
102. 1990 -- June 14, Flash Flood, Shadyside and vicinity, OH	-- 26
103. 1892 -- May 18, Floyd River Flood, Sioux City, IA	-- 25
104. 1977 -- Sep 13, “The Plaza Flood” Flash Flood, Kansas City, MO	-- 25
105. 1900 -- April 7, Heavy rain, Austin (McDonald) Dam Failure/Flooding, Austin, TX ¹²⁰⁷	-->24
106. 1965 -- June 11, Flash-Flood, Sanderson, TX	-- 24
107. 1965 -- June 14-22, Intense Rainfall, South Platte and Ark. River basins, CO	-- 24
108. 1995 -- May 5, Th-Storm, Flash flooding, roof collapse, lightning, Dallas area, TX ¹²⁰⁸	--20-24
109. 1889 -- July 18, Flooding, Morristown, Rockport and Parkersburg vicinities, WV	--19-23
110. 1898 -- Mar 22-26, Flooding, IN, OH, PA; also IL, MO, WV	--18-23
111. 1903 -- Jul 05, Cloudburst, Dam Failure, Flood, Oakford Park (~Pittsburgh), PA ¹²⁰⁹	--20-23
112. 1943 -- Aug 4/5, Flash Flood, Little Kanawha River Basin, central WV	-- 23
113. 1950 -- May 8-9, Downbursts and Flash Floods and Flooding, Southeast Nebraska	-- 23
114. 1970 -- Sep 4-6, Thunderstorms, Four Corners Flooding, AZ, CO, NM, UT	-- 23
115. 2016 -- June 23-24, Flash Flooding, esp. Greenbrier (15) and Kanawha (6) Counties, WV	-- 23
116. 1977 -- Apr (early) Flooding from rain, Western Slopes Appalachian Mountains	-- 22
117. 1994 -- Oct 16-20 and 22, Flash Flooding/Flooding, esp. Southeast TX	--19-22
118. 1907 -- Jun 7-8, Storm, Flash Flood, Gradyville, KY	-- 21
119. 1937--Aug 11, Heavy Rain, 3 Tenement Bldgs. Collapse, New Brighton, S.I. NY ¹²¹⁰	--19-21
120. 2015 -- Sep 14, Flash Flood; Hildale & Keyhole Canyon, Zion National Park, UT	-- 21
121. 1850 -- July 18/19, Tropical Storm, Flooding, East-Central PA	-- 20
122. 1877 -- Aug 29, Bridge washout, Train goes into Little Four Mile Creek, ~Des Moines, IA ¹²¹¹	--20
123. 1912 -- Apr 30-May 8, Levee-breaks/flooding, esp. Pointe Coupee Parish, LA	--12-20
124. 2010 -- June 11, Flash Flood kills campers, Ouachita Mts., Albert Pike Rec. Area, AR	-- 20
125. 1843 -- Aug 05, Cloudburst, Flash Flood, West, Southwest of Philadelphia, PA	-- 19
126. 1898 -- July 8, Cloudburst, Flash Flood, Steelville and vicinity, MO	-- 19
127. 1840 -- Apr 13, Downpour/Flooding/Dams Fail, esp. Pocasset Ri. Simmonsville, RI ¹²¹²	--18
128. 1891 -- Feb 18-26, Heavy Rain, Flooding, Central Highlands, esp. Clifton, AZ	-- 18

¹²⁰⁵ Cross-listed in Rail.

¹²⁰⁶ There were additionally four tornado deaths and one storm-related natural death. There is reporting on two additional deaths in Mississippi.

¹²⁰⁷ Cross-listed in Structural Failure -- Dams, Dikes and Levees.

¹²⁰⁸ Includes two lightning deaths and two crushing deaths when a building roof collapsed from weight of water.

¹²⁰⁹ Cross-listed in Structural Failure – Dams, Dikes and Levees.

¹²¹⁰ Cross-listed in Structural Failures.

¹²¹¹ Cross-listed in Rail. Storm heavy rainfall led to flooding which washed out the train bridge.

¹²¹² Cross-listed in Dam Failures.

129. 1906 -- Dec 04, Heavy Rain, Detroit Dam Fails, Flooding, Clifton, AZ¹²¹³ --13-18
 130. 1933 -- May 12-15, Floods, esp. OH, Wabash, MS Rivs., IA/IL/IN/KY/OH/PA --15-18
 131. 1957 -- Apr-Jun, Flooding, TX, AR, KS, LA, MO, OK River Basins -- 18
 132. 1970 -- Jan-Feb, Excessive Rain and Snow, Sacramento River, CA -- 18

FLOODING – Deadliest American -- By MORTALITY (Cont.)

133. 1889 -- July 02, Flash Flood, Washout/Train Derailment, Fire, near Thaxton, VA¹²¹⁴-- 17
 134. 1908 -- Aug 27-28, Cloudburst, Flash Flood, Folsom, NM -- 17
 135. 1982 -- June 4-7, Heavy Rain/Flooding, New England, esp. CT/11-12 & RI/3-5 --14-17

 136. 1942 -- July 17-18, Rainstorms and Flooding, North-Central PA & Southern NY -- 16
 137. 1959 -- Jan 21-24, Heavy Rain, Flooding Statewide, OH -- 16
 138. 2016 -- May 26-June 2, Flash Flooding/Flooding, esp. Fort Hood (June 2), TX -- 16

 139. 1889 -- July 09, Storm, Flooding, Stone Bridge failure, Johnstown, NY¹²¹⁵ -- 6-15
 140. 1919 -- Dec 11, Heavy Rain, Flooding, GA, AL, MS -- 15
 141. 1932 -- Sep 30, Flash Flood, Tehachapi Creek Basin, Woodford, Kern County, CA -- ≥15
 142. 1965 -- Apr 16-27, Flooding, Levee Failures, IA, IL, MN, MO, WI -- 15
 143. 1978 -- Apr, Flooding, Pearl River, LA and MS -- 15
 144. 1983 -- Sep 29 to Oct 3, Storms, prolonged heavy rain and flooding, AZ¹²¹⁶ -- 15
 145. 1998 -- Jan 5-7, Flash Flooding AL (2) AR (1) KY (1) LA (1) NC (2) SC (1) TN (7)-- 15

 146. 1830 -- July 26, Flooding, Middlebury, New Haven and Lincoln, VT -- 14
 147. 1884 -- Feb 16, Ohio River Flooding, Boarding House Collapse, Cincinnati OH --10-14
 148. 1903 -- Jul 2, Cloudburst/Flooding, Beeville, Mineral City, Normania, Pettus, TX --11-14
 149. 1916 -- Jan 18, Heavy Rain, Flooding, Iao Valley, especially Wailuki, Maui, HI --13-14
 150. 1953 -- June 8, Floyd River Flood, Sioux City, IA -- 14
 151. 1957 -- Jan, Late and Early Feb, Flooding, TN, KY, VA, WV, AL -- 14
 152. 1971 -- Aug 01, Thunderstorm, Flooding, Baltimore, MD -- 14
 153. 1984 -- May 26-27, Flooding, Tulsa, OK -- 14
 154. 1986 -- Feb 11-24, Heavy Rain, Flooding, Levee Failures, Northern CA, NV¹²¹⁷ -- 14

 155. 1869 -- Jan 31, Dam Failures/Flood, Upper/Lower Kohanza/Flint, Danbury, CT¹²¹⁸ --11-13
 156. 1888 -- Aug, Cloudburst, Flash Flood, near Hot Springs, AR -- 13
 157. 1901 -- Sep 25, Cloudburst, Flash Flood, Prospectors Drown, Presidio County, TX -- 13
 158. 1903 -- June 9, downpour, Chase Creek/San Francisco Ri. flash flood, Clifton, AZ¹²¹⁹-7-13

¹²¹³ Cross-listed in Structural Failures – Dams, Dikes, Levees.

¹²¹⁴ Cross-listed in Rail and in Fire.

¹²¹⁵ Cross-listed in Structural Failures – Bridges.

¹²¹⁶ Not all deaths were due to the flooding -- one was an auto accident on wet road, two were when a US Navy bomber crashed in the storm, and two were when a Public Safety Dept. helicopter crashed in a river during a rescue attempt killing both aboard. Thus ten drowning deaths and five storm and flooding related deaths.

¹²¹⁷ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹²¹⁸ Cross-listed in Structural Failures – Dams, Dikes, Levees.

¹²¹⁹ These figures represent the varying reports on bodies recovered. News reports on the totality of lives thought to have been lost, mostly poor Mexican miner family members, range from 17 to 75, with many reporting 30-50.

159. 1947 -- Jun 23, Flooding, Cambridge and Orleans, NE -- 13
 160. 1972 -- Jun 19-22, Flash Flooding from Hurricane Agnes, VA¹²²⁰ -- 13
 161. 1977 -- Nov 6/7, Heavy Rain, Flooding, esp. west Appalachian Mts., NC, TN -- 13
 162. 1981 -- May 24, Intense Rain, Flash Flood, Austin, TX -- 13
 163. 2016 -- Aug 12-16, Flooding, especially East Baton Rouge Parish, Louisiana -- 13

FLOODING – Deadliest American -- By MORTALITY (Cont.)

164. 1892 -- July 25, Cloudburst, Flash Flooding, Wheeling and vicinity, WV --10-12
 165. 1899 -- Apr 08, Flash Flooding, Yellowstone River, esp. below Glendive, MT -- 12
 166. 1902 -- May 05, Cloudburst, Flash Flood, Foss, OK -- 9-12
 167. 1910 -- Mar 03, Flooding, Colfax, WA -- 12
 168. 1930 -- Nov 18, Heavy Rain, Flooding, Kalihi in Honolulu, Hawaii -- 12
 169. 1976 -- June 5, Teton Dam failure/flood, Teton River, ~Newdale, Southeast Idaho¹²²¹ 11-12
 170. 1984 -- May 6-10, Severe storms, flash flooding esp. KY/7, SC/1, TN/3, WV/1 -- 12
 171. 1985 -- Aug 01, Supercell Thunderstorm and Flash Flooding, Cheyenne, WY -- 12
 172. 1998 -- Oct 4, Flash Flooding, Kansas City area (11) and south St. Joseph, MO (1) -- 12
173. 1873 -- Apr 19, Train Derailment, Washed-out Bridge, Richmond Switch, RI¹²²² -- 11
 174. 1879 -- Jun 12, Cloudburst, Flash Flood, Beaver Creek, Deadwood, SD -- 11
 175. 1884 -- May 30, Cloudburst, Flash flood, cattle camp, Frenchman’s Creek, CO -- 11
 176. 1909 -- July 07-9, Flooding, Missouri Valley, NW MO, KS, SE Neb., western IA -- 11
 177. 1915 -- Oct 16, Flash Flooding, Bridge Fails, Train Derails, Randolph, KS¹²²³ -- 11
 178. 1952 -- Apr, Flooding, Red River of North and upper Mississippi River -- 11
 179. 1997 -- Aug 12, Flash Flood, Antelope Canyon, near Page, AZ -- 11
 180. 2008 -- June 4-12, Heavy Rain leading to Flash Flooding and Flooding, Midwest -- 11
181. 1890 -- Feb 02, Flooding, Trestle fails, Train cars fall, near Cascade Locks, OR¹²²⁴ -- 9-10
 182. 1898 -- May 5-11, Flooding, esp. Grand, Verdigris, Ark., Canadian Rivers, AR, OK -- ≥10
 183. 1906 -- Mar 26, Flooding, Bridge Fails Under Train, near Natrona, WY¹²²⁵ -- 10
 184. 1909 -- May 29, Flash Floods, Creek and Lincoln Counties, OK -- 10
 185. 1915 -- Aug 20, Flooding, St. Louis and vicinity, MO -- 10
 186. 1929 -- July 18, Flash Flood, Bridge Down, Train Wreck, Stratton, CO¹²²⁶ -- 10
 187. 1942 -- Dec (late) to first week Jan 1943, flooding, Willamette Valley, Western OR -- 10
 188. 1945 -- Mar 08, Flooding, especially Ohio River, especially IN, KY, OH, PA, WV -- 10
 189. 1969 -- Jan 20, Bulldozer rescue drownings, Sespe Creek, Los Padres Nat. For., CA¹²²⁷ --10
 190. 1985 -- Apr 27-28, Thunderstorms, Flash Flooding, Drownings (9), Tornadoes, TX -- 10
 191. 1987 -- Apr 5, Flooding/Schoharie Cr. bridge fails/vehicles fall, I-90 ~Fort Hunter¹²²⁸ NY--10

¹²²⁰ This is a subset of 129 total U.S. fatalities attributed to Hurricane Agnes.

¹²²¹ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹²²² Cross-listed in Structural Failures – Bridges.

¹²²³ Cross-listed in Rail.

¹²²⁴ Cross-listed in Rail and in Structural Failures, Rail Bridges and Trestles.

¹²²⁵ Cross-listed in Rail and in Structural Failures – Bridges/Trestles.

¹²²⁶ Cross-listed in Structural Failures (Bridge), and in Rail

¹²²⁷ Subset of Jan 18-26, 1969 south California storms, flooding, and mudslides, noted above, with 97-103 fatalities.

192. 1987 -- July 17, Flash Flood, Church Youth Bus & Van swept into river ~Comfort, TX¹²²⁹ - 10
 193. 2009 -- Sep 19-22, Downpours, Flooding, Greater Metropolitan Atlanta, GA -- 10
 194. 2017 -- July 16, Flash Flood, Verde River, Tonto National Forest, Phoenix north, AZ-- 10

Select Other (fewer than ten fatalities)

- 1996 -- Feb 5-9, Heavy rain, flooding, mudslides, Pacific Northwest, esp. western OR -- 9
 2013 -- Sep 11-12 Flooding, Front Range area in and near Boulder, CO -- 8
 1817 -- Aug 08, Flooding, Baltimore, MD -- 6
 1984 -- Sep 10, Flash Flood, family truck swept away ~15 miles W of Las Vegas, NV¹²³⁰ -- 5

¹²²⁸ Cross-listed in Structural Failures -- Bridges, and in Road/Highway/Vehicular. I-90 (NY State Thruway) Schoharie Creek bridge is ~a mile south of Fort Hunter hamlet, Montgomery Co., and ~5½ miles west of Amsterdam, NY, which is 37 miles NW of Albany.

¹²²⁹ Cross-listed under Road/Highway events -- Bus.

¹²³⁰ Cross-listed under Road/Highway events.

FLOODING -- (Except Mine Floods) -- Deadliest American -- CHRONOLOGICAL

1. 1771 -- May 27, Flood, Richmond and Henrico County, VA -- ~150
2. 1817 -- Aug 08, Flooding, Baltimore, MD -- 6
3. 1830 -- July 26, Flooding, Middlebury, New Haven and Lincoln, VT -- 14
4. 1837 -- June 14-15, Thunderstorms, Flooding, Jones' Falls, Baltimore, MD --24-30
5. 1840 -- Apr 13, Downpour/Flooding/Dams Fail, esp. Pocasset Ri. Simmonsville, RI¹²³¹ -- 18
6. 1843 -- Aug 05, Cloudburst, Flash Flood, West, Southwest of Philadelphia, PA -- 19
7. 1844 -- May-June, Central US Floods, esp. IL, OH, KS, MO, Red, Upper MS Rivers -- 400
8. 1844 -- Oct 19, Lower Great Lakes Storm & Flooding, Lake Erie, Buffalo, NY -- 200
9. 1850 -- July 18-19, Tropical Storm, Flooding, East-Central PA -- 20
10. 1850 -- Sep 2, Rain/Flooding, esp. east central PA, esp. Tamaqua, Nescopeck Forge¹²³² 100-120
11. 1861 -- Dec-Jan 1862, Flooding, AZ, CA, OR, WA, UT, especially OR and CA -->1,000?
12. 1862 -- June 4/5, Great Flood of '62, Flooding & Dam Failures, Lehigh River, PA¹²³³ -- ~150
13. 1868 -- July 24, Storm Flood, Baltimore and Ellicott City, MD -- 50
14. 1869 -- Jan 31, Dam Failures/Flood, Upper/Lower Kohanza/Flint, Danbury, CT¹²³⁴ --11-13
15. 1870 -- Sep 30, Flooding, Shenandoah River, Virginius Island, Harpers Ferry, WV -- 42
16. 1873 -- Apr 8/10, Flood, Drowning/Bldg. Collapse, Genesee River, Rochester NY -- 30
17. 1873 -- Apr 19, Train Derailment, Washed-out Bridge, Richmond Switch, RI¹²³⁵ -- 11
18. 1874 -- Pueblo-area Flooding, CO -- 30
19. 1874 -- May 16, Mill River Reservoir Dam Failure, Williamsburg, MA¹²³⁶ --139-200
20. 1874 -- July 24, Rain, Waterspout, Flooding, Eureka, NV --20-30
21. 1874 -- July 26, Heavy Rain, Flooding, Allegheny/Pittsburgh, PA --100-220
22. 1876 -- July 04, Storm, Flash Flood, Dam Failure, Rockdale, IA¹²³⁷ --41-42
23. 1877 -- Aug 29, Bridge washout, Train goes into Little Four Mile Creek, ~Des Moines, IA¹²³⁸ -- 20
24. 1879 -- Jun 12, Cloudburst, Flash Flood, Beaver Creek, Deadwood, SD -- 11
25. 1882 -- Jan-Mar, Mississippi River Flood -- 34
26. 1882 -- Aug 23-24, Flooding, Concho Rivers, Ben Ficklin & vicinity, TX --65->100
27. 1884 -- Feb 16, Ohio River Flooding, Boarding House Collapse, Cincinnati OH --10-14
28. 1884 -- May 30, Cloudburst, Flash flood, cattle camp, Frenchman's Creek, CO -- 11
29. 1886 -- May 12, Flash Flood, Xenia, OH -- 28
30. 1888 -- July 18-19, Flooding, WV, especially Wheeling --20-30

¹²³¹ Cross-listed in Dam Failures.

¹²³² Cross-listed in Structural Failures in that most of the fatalities were of people in structures which failed.

¹²³³ Cross-listed in Structural Failures – Dams, Dikes and Levees

¹²³⁴ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹²³⁵ Cross-listed in Structural Failures – Bridges.

¹²³⁶ Cross-listed in Structural Failures – Dams, Dikes and Levees

¹²³⁷ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹²³⁸ Cross-listed in Rail. Storm heavy rainfall led to flooding which washed out the train bridge.

31. 1888 -- Aug, Cloudburst, Flash Flood, near Hot Springs, AR -- 13
 32. 1889 -- May 31, South Fork Dam Failure, Flash Flood, Fire Johnstown, PA¹²³⁹ --2,209
 33. 1889 -- May 31/June 1, Flooding, Nittany Valley, Williamsport & North Central PA -- ~ 84
 34. 1889 -- July 02, Flash Flood, Washout/Train Derailment, Fire, near Thaxton, VA¹²⁴⁰ -- 17
 35. 1889 -- July 09, Storm, Flooding, Stone Bridge failure, Johnstown, NY¹²⁴¹ -- 6-15
 36. 1889 -- July 18, Flooding, Morristown, Rockport and Parkersburg vicinities, WV --19-23

FLOODING – Deadliest American – CHRONOLOGICAL (Cont.)

37. 1890 -- Feb 02, Flooding, Trestle fails, Train cars fall, near Cascade Locks, OR¹²⁴² -- 9-10
 38. 1890 -- Feb 22, Dam Failure, Walnut Grove, AZ¹²⁴³ -- 100
 39. 1891 -- Feb 18-26, Heavy Rain, Flooding, Central Highlands, esp. Clifton, AZ -- 18
 40. 1892 -- May 18, Floyd River Flood, Sioux City, IA -- 25
 41. 1892 -- June 5, Dam Failure, Oil Fire, Titusville, Oil City, PA¹²⁴⁴ -- 350
 42. 1892 -- July 25, Cloudburst, Flash Flooding, Wheeling and vicinity, WV --10-12
 43. 1895 -- July 4-7, Mid-West Storms, Flooding, AR, IA, IL, KS, MO, NE, TX, WI -- ~50
 44. 1896 -- July 24, Flash Floods, Mt Vernon, Bear and Clear Creek Canyons, CO --29-30
 45. 1897 -- Apr 28, Flash Flood, Cottonwood River, Guthrie and vicinity, OK --28-50
 46. 1898 -- Mar 22-26, Flooding, IN, OH, PA; also IL, MO, WV --18-23
 47. 1898 -- Apr 03, Levee Fails, Flash Flood, Shawneetown, IL¹²⁴⁵ --25-33
 48. 1898 -- May 5-11, Flooding, esp. Grand, Verdigris, Ark., Canadian Rivers, AR, OK -- ≥10
 49. 1898 -- July 8, Cloudburst, Flash Flood, Steelville and vicinity, MO -- 19
 50. 1899 -- Apr 08, Flash Flooding, Yellowstone River, esp. below Glendive, MT -- 12
 51. 1899 -- May, Brazos River Flood, Central and East TX -- 40
 52. 1899 -- June 17-28, Flooding, Brazos River, TX -- 284
 53. 1900 -- April 7, Heavy rain, Austin (McDonald) Dam Failure/Flooding, Austin, TX¹²⁴⁶ -- ≥24
 54. 1900 -- Jun 23, Cloudburst, Trestle Washout/Train Wreck/Fire, ~McDonough GA¹²⁴⁷ -- 37
 55. 1901 -- Jun 23, Flooding, Elkhorn River, Pocahontas Rgn., Burke, Keystone, WV -- 200
 56. 1901 -- Sep 25, Cloudburst, Flash Flood, Prospectors Drown, Presidio County, TX -- 13

¹²³⁹ Cross-listed in Structural Failures – Dams, Dikes and Levees

¹²⁴⁰ Cross-listed in Rail and in Fire.

¹²⁴¹ Cross-listed in Structural Failures – Bridges.

¹²⁴² Cross-listed in Rail and in Structural Failures – Rail Bridges and Trestles.

¹²⁴³ Cross-listed in Structural Failures -- Dam and Levees

¹²⁴⁴ Cross-listed in Structural Failures -- Dam and Levees

¹²⁴⁵ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹²⁴⁶ Cross-listed in Structural Failures -- Dams, Dikes and Levees.

¹²⁴⁷ Cross-listed in Rail and in Structural Failures -- Bridges/Trestle.

57. 1902 -- Mar 26-30, Storm, Flooding, AL, KY, MS, especially TN --38-41
 58. 1902 -- May 05, Cloudburst, Flash Flood, Foss, OK -- 9-12

FLOODING -- (Except Mine Floods) -- Deadliest American -- CHRONOLOGICAL

59. 1903 -- May 26-Jun 18, Flooding, upper MS, lower MO valleys, IA, KS, MO --100-149
 60. 1903 -- June 6, Flash & River Flooding, Pacolet River, especially ~ Pacolet, SC -- 65
 61. 1903 -- June 9, downpour, Chase Creek/San Francisco Riv. flash flood, Clifton, AZ¹²⁴⁸--7-13
 62. 1903 -- June 14, Downpour, Flash Flood, Willow Creek, Heppner (and area), OR -- ~247
 63. 1903 -- July 2, Cloudburst/Flooding, Beeville, Mineral City, Normania, Pettus, TX --11-14
 64. 1903 -- July 5, Cloudburst, Dam Failure, Flood, Oakford Park (~Pittsburgh), PA¹²⁴⁹ --20-23

 65. 1906 -- Mar 26, Flooding, Bridge Fails Under Train, near Natrona, WY¹²⁵⁰ -- 10
 66. 1906 -- Dec 04, Heavy Rain, Detroit Dam Fails, Flooding, Clifton, AZ¹²⁵¹ --13-18

 67. 1907 -- Mar 13-18, Flooding, numerous rivers, Southern OH, Western PA, WV -- 89
 68. 1907 -- Jun 7-8, Storm, Flash Flood, Gradyville, KY -- 21

 69. 1908 -- Aug 24-28, Flooding, Fire, Bridge, Dam, Levee Failures NC, SC, GA, VA --46-80
 70. 1908 -- Aug 27-28, Cloudburst, Flash Flood, Folsom, NM -- 17

 71. 1909 -- May 29, Flash Floods, Creek and Lincoln Counties, OK -- 10
 72. 1909 -- July 07-9, Flooding, Missouri Valley, NW MO, KS, SE Neb., western IA -- 11

 73. 1910 -- Mar 03, Flooding, Colfax, WA -- 12

 74. 1911 -- Sep 30, Bayliss Dam Failure, Freeman Run Valley, Austin, PA¹²⁵² --78-149

 75. 1912 -- Mar-Apr, Flooding, Miss. River, IL, TN, MS, KY, AR, MO, LA¹²⁵³ -- 245
 76. 1912 -- Apr 30-May 8, Levee-breaks/flooding, esp. Pointe Coupee Parish, LA --12-20
 77. 1912 -- July 24, Cloudbursts, Flooding, PA, and WV -- 60
 78. 1912 -- Sep 02, Storms, Flooding, PA, OH, WV -- 36

 79. 1913 -- Mar 23-27, Ohio Valley Flooding/dam/levee failures, esp. OH, IN, IL¹²⁵⁴ --700-732
 80. 1913 -- Dec 2-10, Texas Floods, Brazos, Other Valleys, Central, Eastern TX¹²⁵⁵ --177-190

 81. 1914 -- Sep 15, Flooding, Bridge Washout & Train Derailment, Lebanon, MO¹²⁵⁶ -- 28

¹²⁴⁸ These figures represent the varying reports on bodies recovered. News reports on the totality of lives thought to have been lost, mostly poor Mexican miner family members, range from 17 to 75, with many reporting 30-50.

¹²⁴⁹ Cross-listed in Structural Failure – Dams, Dikes and Levees.

¹²⁵⁰ Cross-listed in Rail and in Structural Failures – Bridges/Trestles.

¹²⁵¹ Cross-listed in Structural Failures – Dams, Dikes, Levees.

¹²⁵² Cross-listed in Structural Failures -- Dam and Levees

¹²⁵³ Cross-listed in Structural Failures -- Dam and Levees

¹²⁵⁴ Cross-listed in Structural Failures -- Dam and Levees

¹²⁵⁵ Cross-listed in Structural Failures -- Dam and Levees

82. 1915 -- Apr 23, Flash Flood, Austin, TX -- 35
 83. 1915 -- Aug 3, Cloudburst, Flash Flood, Drownings, Mill Creek, Erie, PA --29-45
 84. 1915 -- Aug 20, Flooding, St. Louis and vicinity, MO -- 10
 85. 1915 -- Oct 16, Flash Flooding, Bridge Fails, Train Derails, Randolph, KS¹²⁵⁷ -- 11

FLOODING -- (Except Mine Floods) -- Deadliest American -- CHRONOLOGICAL

86. 1916 -- Jan 14-30, Heavy Rain, So. CA Flooding, Lower Otay Dam Failure¹²⁵⁸ --22-60
 87. 1916 -- Jan 18, Heavy Rain, Flooding, Iao Valley, especially Wailuki, Maui, HI --13-14
 88. 1916 -- Aug 2-3, Cloudburst, Mill Dam Fails, Flash Flood, ~New Tazewell, TN¹²⁵⁹ --27-38
 89. 1916 -- Aug 9, Flash Floods, Cabin Creek, Coal River, Paint Creek, Mud River, WV--60-100

 90. 1919 -- Dec 11, Heavy Rain, Flooding, GA, AL, MS -- 15

 91. 1921 -- June 2, Arkansas River Levee Failures, Pueblo County, CO¹²⁶⁰ -- 120
 92. 1921 -- Sep 7, South TX Hurricane Leads to Flash Flood, San Antonio, TX -- 51
 93. 1921 -- Sep 8-10, Flooding, esp. San Antonio & Milam, Williamson Counties TX -- ≥224
 94. 1923 -- Sep 27, Flooding, Bridge Washout/Train Derails, near Lockett, WY¹²⁶¹ -- 31
 95. 1925 -- June 16, Train Derails, Rockport Crossing, near Hackettstown, NJ¹²⁶² -- 50
 96. 1927 -- Late March-July, flooding, levee breaks upper and esp. lower MS River --246-500
 97. 1927 -- May, Kentucky River Flood -- 89
 98. 1927 -- Nov 2-4, New England Flooding, MA, NH, CT, ME, and especially VT -- 200
 99. 1928 -- Mar 12-13, St. Francis Dam Failure/Flood, Santa Clara Riv. valley, CA¹²⁶³ --370-431
 100. 1929 -- July 18, Flash Flood, Bridge Down, Train Wreck, Stratton, CO¹²⁶⁴ -- 10

 101. 1930 -- Nov 18, Heavy Rain, Flooding, Kalihi in Honolulu, Hawaii -- 12
 102. 1932 -- Sep 30, Flash Flood, Tehachapi Creek Basin, Woodford, Kern County, CA -- ≥15
 103. 1933 -- May 12-15, Floods, esp. OH, Wabash, MS Rivs., IA/IL/IN/KY/OH/PA --15-18
 104. 1933 -- Dec 30-31, Southern California Flooding -- 45
 105. 1935 -- May 30-June 1, Floods, esp. Republican/Kansas Rivers, esp. NE, CO, KS--159-168
 106. 1935 -- July 7-11, Mohawk & Upper Susquehanna River Flooding, NY & PA -- 52
 107. 1936 -- Mar 11-21, Flooding, New England -- 200
 108. 1936 -- Mar 17-20, “St Patrick’s Day Floods”, esp. Pittsburgh & Johnstown PA -- ~100
 109. 1937 -- Jan 5-Feb 15,¹²⁶⁵ Flooding, OH/MS Riv. val. areas, AR/IL/IN/KY/MO/OH/PA/TN/WV-385-500
 110. 1937 -- Aug 11, Heavy Rain, Tenement Bldgs. Collapse, New Brighton, S.I., NY¹²⁶⁶-19-21

¹²⁵⁶ Cross-listed in Rail.

¹²⁵⁷ Cross-listed in Rail.

¹²⁵⁸ Cross-listed in Structural Failures, Dams and Levees.

¹²⁵⁹ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹²⁶⁰ Cross-listed in Structural Failures -- Dam and Levees

¹²⁶¹ Cross-listed in Rail.

¹²⁶² Cross-listed in Rail

¹²⁶³ Cross-listed in Structural Failures -- Dam and Levees.

¹²⁶⁴ Cross-listed in Structural Failures (Bridge), and in Rail

¹²⁶⁵ Flood waters remained in some localities into March and there were a few flooding deaths in late February. However the great majority of fatalities noted herein are within Jan 5 and Feb 15, most in a shorter timeframe.

111. 1938 -- Feb 27-March 4, Flooding, Southern CA -- 210
 112. 1938 -- Jun 19, Flash Flood, Bridge Fails, Train Crash, Custer Creek, MT¹²⁶⁷ --46-47
 113. 1939 -- July, Flooding, Licking and Kentucky Rivers -- 78
 114. 1939 -- Sep 25, El Cordonazo Tropical Storm, Southern CA, Flooding subset¹²⁶⁸ -- 45

FLOODING -- (Except Mine Floods) -- Deadliest American -- CHRONOLOGICAL

115. 1942 -- May 22/23, Flooding, Eastern, Central, Northeastern PA --32-42
 116. 1942 -- July 17-18, Rainstorms and Flooding, North-Central PA & Southern NY -- 16
 117. 1942 -- Dec (late) to first week Jan 1943, flooding, Willamette Valley, Western OR -- 10
 118. 1943 -- Apr-Jun, Floods, Midwest Riv. Basin, AR/IA/IL/IN/MI/MO/MS/OH/OK --12-60
 119. 1943 -- Aug 4/5, Flash Flood, Little Kanawha River Basin, central WV -- 23
 120. 1945 -- Mar 08, Flooding, especially Ohio River, especially IN, KY, OH, PA, WV -- 10
 121. 1947 -- Jun 23, Flash Flooding, Cambridge to Orleans, NE -- 13
 122. 1948 -- May 22-June 11, Flooding/dike failures, Pacific NW, esp. Vanport, OR¹²⁶⁹ --57-77
 123. 1950 -- May 8-9, Downbursts and Flash Floods and Flooding, Southeast Nebraska -- 23
 124. 1950 -- June 24-25, Flash Flooding, 6 Counties, Central WV -- 31
 125. 1951 -- July 12, Storms, Flooding, KS, MO, esp. Manhattan, Topeka, Lawrence, KS-- 41
 126. 1952 -- Apr, Flooding, Red River of North and upper Mississippi River -- 11
 127. 1953 -- June 8, Floyd River Flood, Sioux City, IA -- 14
 128. 1955 -- Dec, Flooding, Feather River Levee Failure, Northern two-thirds of CA¹²⁷⁰ -- 76
 129. 1957 -- Jan, Late and Early Feb, Flooding, TN, KY, VA, WV, AL -- 14
 130. 1957 -- Apr-Jun, Flooding, TX, AR, KS, LA, MO, OK River Basins -- 18
 131. 1959 -- Jan 21-24, Heavy Rain, Flooding Statewide, OH -- 16
 132. 1964 -- June 8-9, Heavy rain, flooding, dam failures, esp. Blackfeet Reservation, MT-- 58
 133. 1964 -- Dec, Southern California Flooding -- 40
 134. 1964 -- Dec 21-28, Floods, Pacific NW, esp. no. CA and OR; also so. WA/ID/NV --45-47
 135. 1965 -- Apr 16-27, Flooding, Levee Failures, IA, IL, MN, MO, WI -- 15
 136. 1965 -- June 11, Flash-Flood, Sanderson, TX -- 24
 137. 1965 -- June 14-22, Intense Rainfall, South Platte and Ark. River basins, CO -- 24
 138. 1969 -- Jan 18-26, Storms, Flooding, Vehicle deaths, Mudslides, Southern CA -- 97-103
 139. 1969 -- Jan 20, Bulldozer rescue drownings, Sespe Creek, Los Padres Nat. For., CA¹²⁷¹ --10
 140. 1969 -- July 04, Thunderstorms, Flooding, Strong Winds, Tornadoes, Erie Coast, OH -- 41
 141. 1969 -- Aug 19, Flash Flood, Nelson County, VA -- 159
 142. 1970 -- Jan-Feb, Excessive Rain and Snow, Sacramento River, CA -- 18

¹²⁶⁶ Cross-listed in Structural Failures

¹²⁶⁷ Cross-listed in Flash Floods and Structural Failures (Bridge/Trestles).

¹²⁶⁸ Cross-listed in Hurricanes and Tropical Storms.

¹²⁶⁹ There was well over a month of flooding. Our dates encompass flooding deaths (including 11 from Canada). 57 is a solid figure; higher than 57 deaths figure is questionable in that it includes 39 deaths from WA (Weather Bureau report for Washington State for May-June notes 39 state deaths), and we have been able to specifically identify but six. Cross-listed in Structural Failures -- Dams, Dikes, and Levees.

¹²⁷⁰ Cross-listed in Structural Failures, Dams and Levees.

¹²⁷¹ Subset of Jan 18-26, 1969 south California storms, flooding, and mudslides, noted above, with 97-103 fatalities.

143. 1970 -- Sep 4-6, Thunderstorms, Four Corners Flooding, AZ, CO, NM, UT -- 23
 144. 1970 -- Oct 5-10, Tropical storm/flooding (18 confirmed, 34 missing), Puerto Rico --18-52
 145. 1971 -- Aug 01, Thunderstorm, Flooding, Baltimore, MD -- 14
 146. 1972 -- Feb 26, Dam Failure, Buffalo Creek, WV¹²⁷² -- 126
 147. 1972 -- Jun 9, Pactola Dam Failure, Black Hills Flash Flood, Rapid City, SD¹²⁷³ --236-238
 148. 1972 -- Jun 19-22, Flash Flooding from Hurricane Agnes, VA¹²⁷⁴ -- 13
 149. 1973 -- Mid-March to April, Mississippi River Flood of 1973 -- 33
 150. 1976 -- June 5, Teton Dam failure/flood, Teton River, ~Newdale, Southeast Idaho¹²⁷⁵ 11-12
 151. 1976 -- July 31, Big Thompson Canyon Flash Flood, CO -- 144
 152. 1977 -- Apr (early) Flooding from rain, Western Slopes Appalachian Mountains -- 22
 153. 1977 -- July 20, Dam Failures, Flash Floods, Johnstown & Tanneryville, PA¹²⁷⁶ -- 84
 154. 1977 -- Sep 13, "The Plaza Flood" Flash Flood, Kansas City, MO -- 25
 155. 1977 -- Nov 6/7, Heavy Rain, Flooding, esp. west Appalachian Mts., NC, TN -- 13
 156. 1977 -- Nov 06, Dam Failure and Flash Flood, Kelly Barnes Dam, Toccoa, GA¹²⁷⁷ -- 39
 157. 1978 -- Apr, Flooding, Pearl River, LA and MS -- 15
 158. 1978 -- July 30-Aug 4, Tropical Storm Amelia & remnants, Flash Flooding, TX¹²⁷⁸ --33-34

FLOODING -- (Except Mine Floods) -- Deadliest American -- CHRONOLOGICAL

159. 1980 -- Feb 13-21, Storms, flooding, mudslides, Cent. AZ, So.-coastal/Baja, CA, UT-- 37
 160. 1981 -- May 24, Intense Rain, Flash Flood, Austin, TX -- 13
 161. 1982 -- June 4-7, Heavy Rain/Flooding, New England, esp. CT/11-12 & RI/3-5 --14-17
 162. 1983 -- Sep 29 to Oct 3, Storms, prolonged heavy rain and flooding, AZ¹²⁷⁹ -- 15
 163. 1984 -- May 6-10, Severe storms, flash flooding esp. KY/7, SC/1, TN/3, WV/1 -- 12
 164. 1984 -- May 26-27, Flooding, Tulsa, OK -- 14
 1984 -- Sep 10, Flash Flood, family truck swept away ~15 miles W of Las Vegas, NV-- 5
 165. 1985 -- Apr 27-28, Thunderstorms, Flash Flooding, Drownings (9), Tornadoes, TX -- 10
 166. 1985 -- Aug 01, Supercell Thunderstorm and Flash Flooding, Cheyenne, WY -- 12
 167. 1985 -- Nov 4-5, Flooding, Hurricane Juan remnants, WV, VA, PA, MD (esp. WV)¹²⁸⁰-71-74
 168. 1986 -- Feb 11-24, Heavy Rain, Flooding, Levee Failures, Northern CA, NV¹²⁸¹ -- 14
 169. 1987 -- Apr 5, Flooding/Schoharie Cr. bridge fails/vehicles fall, I-90 ~Fort Hunter¹²⁸² NY--10
 170. 1987 -- July 17, Flash Flood, Church Youth Bus & Van swept into river ~Comfort, TX¹²⁸³ - 10

¹²⁷² Cross-listed in Structural Failures -- Dam and Levees.

¹²⁷³ Cross-listed in Structural Failures -- Dam and Levees.

¹²⁷⁴ A subset of 129 total U.S. fatalities attributed to Hurricane Agnes.

¹²⁷⁵ Cross-listed in Structural Failures -- Dams, Dikes and Levees.

¹²⁷⁶ Cross-listed in Structural Failures -- Dams Dikes and Levees.

¹²⁷⁷ Cross-listed in Structural Failures -- Dams, Dikes and Levees.

¹²⁷⁸ Cross-listed in Hurricanes/Tropical Storms.

¹²⁷⁹ Not all deaths were due to the flooding -- one was an auto accident on wet road, two were when a US Navy bomber crashed in the storm, and two were when a Public Safety Dept. helicopter crashed in a river during a rescue attempt killing both aboard. Thus ten drowning deaths and five storm and flooding related deaths.

¹²⁸⁰ Cross-listed in Hurricanes.

¹²⁸¹ Cross-listed in Structural Failures -- Dams Dikes and Levees.

¹²⁸² Cross-listed in Structural Failures -- Bridges, and in Road/Highway/Vehicular. I-90 (NY State Thruway) Schoharie Creek bridge is ~a mile south of Fort Hunter hamlet, Montgomery Co., and ~5½ miles west of Amsterdam, NY, which is 37 miles NW of Albany.

¹²⁸³ Cross-listed under Road/Highway Events -- Bus.

171.	1990 -- June 14, Flash Flood, Shadyside and vicinity, OH	--	26
172.	1993 -- Jan 5-Feb 28, Winter storms, heavy rain and flooding, Southern CA ¹²⁸⁴	--	≥31
173.	1993 -- May-early Nov, July (especially), Midwest Flooding, esp. MS & MO Rivers-72-84		
174.	1994 -- July 4-10, Tropical Storm Alberto Flooding, Dam Failures, AL, esp. GA ¹²⁸⁵	--	34-37
175.	1994 -- Oct 16-20 and 22, Flash Flooding/Flooding, esp. Southeast TX	--	19-22
176.	1995 -- May 5, Th-Storm, Flash flooding, roof collapse, lightning, Dallas area, TX ¹²⁸⁶	--	20-24
177.	1996 -- Jan 19-20, East Coast Flooding, especially PA (19) and NY (10)	--	38
	1996 -- Feb 5-9, Heavy rain, flooding, mudslides, Pacific Northwest, esp. western OR--		9
178.	1997 -- March 1-3, Flash Floods & Flooding, esp. Ohio River Valley, esp. KY (21)	--	33-36
179.	1997 -- Aug 12, Flash Flood, Antelope Canyon, near Page, AZ	--	11
180.	1998 -- Jan 5-7, Flash Flooding AL (2) AR (1) KY (1) LA (1) NC (2) SC (1) TN (7)--		15
181.	1998 -- Oct 4, Flash Flooding, Kansas City area (11) and south St. Joseph, MO (1)	--	12
182.	1998 -- Oct 17-18, Flash Floods, Central TX	--	29

Flooding – Chronological (continued)

183.	2001 -- Jun 08, Tropical Storm Allison Flooding, TX, LA, FL, NC, VA, PA	-- ~	50
184.	2008 -- June 4-12, Heavy Rain leading to Flash Flooding and Flooding, Midwest	--	11
185.	2009 -- Sep 19-22, Downpours, Flooding, Greater Metropolitan Atlanta, GA	--	10
186.	2010 -- May 1-2, Severe Storms, Flooding, KY, MS, esp. TN; Tornadoes, MS, TN ¹²⁸⁷	--	27
187.	2010 -- June 11, Flash Flood kills campers, Ouachita Mts., Albert Pike Rec. Area, AR--		20
	2013 -- Sep 11-12 Flooding, Front Range area in and near Boulder, CO	--	8
188.	2015 -- May 21-26, Storms, Heavy Rain, Flooding and Tornadoes, TX and OK	--	36-37
189.	2015 -- Sep 14, Flash Flood; Hildale & Keyhole Canyon, Zion National Park, UT	--	21
190.	2015 -- Dec 26-28, ¹²⁸⁸ Flooding (31 drownings), AR (1); IL (9); MO (15); OK (7)	--	32
191.	2016 -- May 26-June 2, Flash Flooding/Flooding, esp. Fort Hood (June 2), TX	--	16
192.	2016 -- June 23-24, Flash Flooding, esp. Greenbrier (15) and Kanawha (6) Counties, WV--		23
193.	2016 -- Aug 12-16, Flooding, especially East Baton Rouge Parish, Louisiana	--	13
194.	2017 -- July 16, Flash Flood, Verde River, Tonto National Forest, Phoenix north, AZ--		10
195.	2017 -- Aug 25-30, Hurricane/Tropical Storm Harvey, SE TX, esp. greater Houston ¹²⁸⁹	≥	50

¹²⁸⁴ We are aware of 39 deaths, at least 31 from drowning; 15 of which were of immigrants seeking to enter U.S. from Mexico, drowning in the Tijuana River. Two were vehicular accidents on rain-slickened roads. Six others were generally described as weather-related. One or more could have been from drowning, perhaps involving a vehicle. Cross-listed in Winter Storms.

¹²⁸⁵ Cross-listed in Hurricanes/Tropical Storms and in Structural Failures--Dams.

¹²⁸⁶ Includes two lightning deaths and two crushing deaths when a building roof collapsed from weight of water.

¹²⁸⁷ There were additionally four tornado deaths and one storm-related natural causes death. There is reporting on two additional deaths in Mississippi.

¹²⁸⁸ Dates relate to time-frame flood-related (and other) deaths occurred, not to the time-frame of the flood event.

¹²⁸⁹ Cross-listed in Hurricanes and Tropical Storms. We frequently do not cross-list hurricane flooding deaths unless in-land. Given the large number of flooding deaths, however -- at least 50 out of 88 total hurricane-related deaths in TX -- we make an exception.

FLASH FLOODS -- Flooding Subset -- Deadliest American -- By MORTALITY

1. 1889 -- May 31, South Fork Dam Failure, Flash Flood, Fire Johnstown, PA¹²⁹⁰ --2,209
2. 1903 -- June 14, Downpour, Flash Flood, Willow Creek, Heppner (and area), OR -- ~247
3. 1972 -- June 9, Pactola Dam Failure, Black Hills Flash Flood, Rapid City, SD¹²⁹¹ --236-238
4. 1874 -- July 26, Heavy Rain, Flooding, Allegheny/Pittsburgh, PA --100-220
5. 1874 -- May 16, Mill River Reservoir Dam Failure, Williamsburg, MA¹²⁹² --139-200
6. 1901 -- June 23, Flooding, Elkhorn River, Pocahontas Rgn., Burke, Keystone, WV -- 200
7. 1927 -- Nov 2-4, New England Flooding, MA, NH, CT, ME, and especially VT -- 200
8. 1969 -- Aug 19, Flash Flood, Nelson County, VA -- 159
9. 1976 -- July 31, Big Thompson Canyon Flash Flood, CO -- 144
10. 1882 -- Aug 23-24, Flooding, Concho Rivers, Ben Ficklin & vicinity, TX --65->100
11. 1916 -- Aug 9, Flash Floods, Cabin Creek, Coal River, Paint Creek, Mud River, WV--60-100

12. 1903 -- Jun 06, Flash & River Flooding, Pacolet River, especially ~ Pacolet, SC -- 65
13. 1921 -- Sep 07, South TX Hurricane Leads to Flash Flood, San Antonio, TX -- 51
14. 1897 -- Apr 28, Flash Flood, Cottonwood River, Guthrie and vicinity, OK --28-50
15. 1925 -- Jun 16, Train Derails, Rockport Crossing, near Hackettstown, NJ¹²⁹³ -- 50
16. 1938 -- Jun 19, Flash Flood, Bridge Fails, Train Crash, Miles City, MT¹²⁹⁴ -- 47
17. 1938 -- Jun 19, Flash Flood Washes Out Train Tracks, Custer Creek, MT¹²⁹⁵ -- 46
18. 1915 -- Aug 03, Cloudburst, Flash Flood, Drownings, Mill Creek, Erie, PA --29-45
19. 1876 -- July 04, Storm, Flash Flood, Dam Failure, Rockdale, IA --41-42
20. 1889 -- July 02, Flash Flood, Washout/Train Derailment, Fire, near Thaxton, VA¹²⁹⁶ -- 41
21. 1916 -- Aug 2-3, Cloudburst, Mill Dam Fails, Flash Flood, ~New Tazewell, TN¹²⁹⁷ --27-38
22. 1915 -- Apr 23, Flash Flood, Austin, TX -- 35
23. 1898 -- Apr 03, Levee Fails, Flash Flood, Shawneetown, IL¹²⁹⁸ --25-33
24. 1978 -- Aug 02, Flooding, Flash-Floods, Southeast TX -- 33
25. 2015 -- Dec 26-28,¹²⁹⁹ Flooding (31 drownings), AR (1); IL (9); MO (15); OK (7) -- 32
26. 1950 -- June 24-25, Flash Flooding, 6 Counties, Central WV -- 31
27. 1896 -- July 24, Flash Floods, Mt Vernon, Bear and Clear Creek Canyons, CO --29-30
28. 1998 -- Oct 17-18, Flash Floods, Central TX -- 29
29. 1886 -- May 12, Flash Flood, Xenia, OH -- 28
30. 1990 -- June 14, Flash Flood, Shadyside and vicinity, OH -- 26
31. 1977 -- Sep 13, "The Plaza Flood" Flash Flood, Kansas City, MO -- 25
32. 1965 -- June 11, Flash-Flood, Sanderson, TX -- 24
33. 1995 -- May 5, Th-Storm, Flash flooding, roof collapse, lightning, Dallas area, TX¹³⁰⁰ --20-24

¹²⁹⁰ Cross-listed in Structural Failures – Dams and Levees

¹²⁹¹ Cross-listed in Structural Failures -- Dams and Levees

¹²⁹² Cross-listed in Structural Failures -- Dams and Levees

¹²⁹³ Cross-listed in Rail

¹²⁹⁴ Cross-listed in Rail and in Structural Failures (Bridge/Trestles).

¹²⁹⁵ Cross-listed in Rail

¹²⁹⁶ Cross-listed in Rail.

¹²⁹⁷ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹²⁹⁸ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹²⁹⁹ Dates relate to time-frame flood-related (and other) deaths occurred, not to the time-frame of the flood event.

¹³⁰⁰ Includes two lightning deaths and two crushing deaths when a building roof collapsed from weight of water.

34. 1889 -- July 18, Flooding, Morristown, Rockport and Parkersburg vicinities, WV	--19-23
35. 1903 -- Jul 05, Cloudburst, Dam Failure, Flood, Oakford Park (~Pittsburgh), PA ¹³⁰¹	--20-23
36. 1943 -- Aug 4/5, Flash Flood, Little Kanawha River Basin, central WV	-- 23
37. 1950 -- May 8-9, Downbursts and Flash Floods and Flooding, Southeast Nebraska	-- 23
38. 2016 -- June 23-24, Flash Flooding, esp. Greenbrier (15) and Kanawha (6) Counties, WV	-- 23
39. 1994 -- Oct 16-20 and 22, Flash Flooding/Flooding, esp. Southeast TX	--19-22
40. 1907 -- Jun 7-8, Storm, Flash Flood, Gradyville, KY	-- 21
41. 1935 -- May 30, Downbursts and Flash Floods, CO	-- 21
42. 2015 -- Sep 14, Flash Flood; Hildale & Keyhole Canyon, Zion National Park, UT	-- 21
43. 2010 -- June 11, Flash Flood kills campers, Ouachita Mts., Albert Pike Rec. Area, AR	-- 20

FLASH FLOODS -- Flooding Subset -- By Mortality-- Cont.

44. 1843 -- Aug 05, Cloudburst, Flash Flood, West, Southwest of Philadelphia, PA	-- 19
45. 1898 -- July 8, Cloudburst, Flash Flood, Steelville and vicinity, MO	-- 19
46. 1908 -- Aug 27-28, Cloudburst, Flash Flood, Folsom, NM	-- 17
47. 1995 -- May 05, Hail Storm and Flash Flood Hits Dallas, TX	-- 17
48. 1942 -- July 17-18, Rainstorms and Flooding, North-Central PA & Southern NY	-- 16
49. 2016 -- May 26-June 2, Flash Flooding/Flooding, esp. Fort Hood (June 2), TX	-- 16
50. 1932 -- Sep 30, Flash Flood, Tehachapi Creek Basin, Woodford, Kern County, CA	-- ≥15
51. 1998 -- Jan 5-7, Flash Flooding AL (2) AR (1) KY (1) LA (1) NC (2) SC (1) TN (7)	-- 15
52. 1903 -- Jul 2, Cloudburst/Flooding, Beeville, Mineral City, Normania, Pettus, TX	--11-14
53. 1869 -- Jan 31, Dam Failures/Flood, Upper/Lower Kohanza/Flint, Danbury, CT ¹³⁰²	--11-13
54. 1888 -- Aug, Cloudburst, Flash Flood, near Hot Springs, AR	-- 13
55. 1901 -- Sep 25, Cloudburst, Flash Flood, Prospectors Drown, Presidio County, TX	-- 13
56. 1903 -- June 9, downpour, Chase Creek/San Francisco Riv. flash flood, Clifton, AZ ¹³⁰³	--7-13
57. 1947 -- Jun 23, Flash Flooding, Cambridge to Orleans, NE	-- 13
58. 1972 -- June 19-22, Flash Flooding from Hurricane Agnes, VA ¹³⁰⁴	-- 13
59. 1977 -- Nov 6/7, Heavy Rain, Flooding, esp. west Appalachian Mts., NC, TN	-- 13
60. 1981 -- May 24, Intense Rain, Flash Flood, Austin, TX	-- 13
61. 1888 -- Aug 22, Remnant of Gulf Coast Hurricane, Flash Flooding, MD	-- 12
62. 1892 -- July 25, Cloudburst, Flash Flooding, Wheeling and vicinity, WV	--10-12
63. 1899 -- Apr 08, Flash Flooding, Yellowstone River, esp. below Glendive, MT	-- 12
64. 1902 -- May 05, Cloudburst, Flash Flood, Foss, OK	-- 9-12
65. 1985 -- Aug 01, Supercell Thunderstorm and Flash Flooding, Cheyenne, WY	-- 12
66. 1998 -- Oct 4, Flash Flooding, Kansas City area (11) and south St. Joseph, MO (1)	-- 12
67. 1873 -- Apr 19, Train Derailment, Washed-out Bridge, Richmond Switch, RI ¹³⁰⁵	-- 11
68. 1879 -- June 12, Cloudburst, Flash Flood, Beaver Creek, Deadwood, SD	-- 11
69. 1884 -- May 30, Cloudburst, Flash flood, cattle camp, Frenchman's Creek, CO	-- 11
70. 1915 -- Oct 16, Flash Flooding, Bridge Fails, Train Derails, Randolph, KS ¹³⁰⁶	-- 11

¹³⁰¹ Cross-listed in Structural Failure – Dams, Dikes and Levees.

¹³⁰² Cross-listed in Structural Failures – Dams, Dikes, Levees.

¹³⁰³ These figures represent the varying reports on bodies recovered. News reports on the totality of lives thought to have been lost, mostly poor Mexican miner family members, range from 17 to 75, with many reporting 30-50.

¹³⁰⁴ A subset of 129 total U.S. fatalities attributed to Hurricane Agnes.

¹³⁰⁵ Cross-listed in Bridge Failures and in Rail

¹³⁰⁶ Cross-listed in Rail

71. 1997 -- Aug 12, Flash Flood, Antelope Canyon, near Page, AZ	--	11
72. 2008 -- June 4-12, Heavy Rain leading to Flash Flooding and Flooding, Midwest	--	11
73. 1909 -- May 29, Flash Floods, Creek and Lincoln Counties, OK	--	10
74. 1929 -- July 18, Flash Flood, Bridge Down, Train Wreck, Stratton, CO ¹³⁰⁷	--	10
75. 1987 -- July 17, Flash Flood, Church Youth Bus & Van swept into river ~Comfort, TX ¹³⁰⁸	--	10
76. 2017 -- July 16, Flash Flood, Verde River, Tonto National Forest, Phoenix north, AZ	--	10

Select Other (less than 10 fatalities)

1985 -- Apr 27-28, Thunderstorms, Flash Flooding, Drownings (9), Tornadoes (1), TX	--	9
2013 -- Sep 11-12 Flooding, Front Range area in and near Boulder, CO	--	8

¹³⁰⁷ Cross-listed under Structural Failures (Bridge), and under Rail

¹³⁰⁸ Cross-listed under Road/Highway Events -- Bus.

FLASH FLOODS -- Flooding Subset -- Deadliest American -- Chronological

1. 1843 -- Aug 5, Cloudburst, Flash Flood, West, Southwest of Philadelphia, PA -- 19
2. 1869 -- Jan 31, Dam Failures/Flood, Upper/Lower Kohanza/Flint, Danbury, CT¹³⁰⁹ --11-13
3. 1873 -- Apr 19, Train Derailment, Washed-out Bridge, Richmond Switch, RI¹³¹⁰ -- 11
4. 1874 -- May 16, Mill River Reservoir Dam Failure, Williamsburg, MA¹³¹¹ --139-200
5. 1874 -- July 26, Heavy Rain, Flooding, Allegheny/Pittsburgh, PA --100-220
6. 1876 -- July 04, Storm, Flash Flood, Dam Failure, Rockdale, IA --41-42
7. 1879 -- June 12, Cloudburst, Flash Flood, Beaver Creek, Deadwood, SD -- 11

8. 1882 -- Aug 23-24, Flooding, Concho Rivers, Ben Ficklin & vicinity, TX --65->100
9. 1884 -- May 30, Cloudburst, Flash flood, cattle camp, Frenchman's Creek, CO -- 11
10. 1886 -- May 12, Flash Flood, Xenia, OH -- 28
11. 1888 -- Aug, Cloudburst, Flash Flood, near Hot Springs, AR -- 13
12. 1888 -- Aug 22, Remnant of Gulf Coast Hurricane, Flash Flooding, MD -- 12
13. 1889 -- May 31, South Fork Dam Failure, Flash Flood, Fire Johnstown, PA¹³¹² --2,209
14. 1889 -- July 02, Flash Flood, Washout/Train Derailment, Fire, near Thaxton, VA¹³¹³ -- 41
15. 1889 -- July 18, Flooding, Morristown, Rockport and Parkersburg vicinities, WV --19-23

16. 1892 -- July 25, Cloudburst, Flash Flooding, Wheeling and vicinity, WV --10-12
17. 1896 -- July 24, Flash Floods, Mt Vernon, Bear and Clear Creek Canyons, CO --29-30
18. 1897 -- April 28, Flash Flood, Cottonwood River, Guthrie and vicinity, OK --28-50
19. 1898 -- April 3, Levee Fails, Flash Flood, Shawneetown, IL¹³¹⁴ --25-33
20. 1898 -- July 8, Cloudburst, Flash Flood, Steelville and vicinity, MO -- 19
21. 1899 -- April 8, Flash Flooding, Yellowstone River, esp. below Glendive, MT -- 12

22. 1901 -- June 23, Flooding, Elkhorn River, Pocahontas Rgn., Burke, Keystone, WV -- 200
23. 1901 -- Sep 25, Cloudburst, Flash Flood, Prospectors Drown, Presidio County, TX -- 13
24. 1902 -- May 5, Cloudburst, Flash Flood, Foss, OK -- 9-12
25. 1903 -- June 6, Flash & River Flooding, Pacolet River, especially ~ Pacolet, SC -- 65
26. 1903 -- June 9, downpour, Chase Creek/San Francisco Riv. flash flood, Clifton, AZ¹³¹⁵ --7-13
27. 1903 -- June 14, Downpour, Flash Flood, Willow Creek, Heppner (and area), OR -- ~247
28. 1903 -- July 2, Cloudburst/Flooding, Beeville, Mineral City, Normania, Pettus, TX --11-14
29. 1903 -- July 5, Cloudburst, Dam Failure, Flood, Oakford Park (~Pittsburgh), PA¹³¹⁶ --20-23
30. 1907 -- June 7-8, Storm, Flash Flood, Gradyville, KY -- 21
31. 1908 -- Aug 27-28, Cloudburst, Flash Flood, Folsom, NM -- 17

¹³⁰⁹ Cross-listed in Structural Failures – Dams, Dikes, Levees.

¹³¹⁰ Cross-listed in Bridge Failures and in Rail

¹³¹¹ Cross-listed in Structural Failures -- Dams and Levees

¹³¹² Cross-listed in Structural Failures – Dams and Levees

¹³¹³ Cross-listed in Rail.

¹³¹⁴ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹³¹⁵ These figures represent the varying reports on bodies recovered. News reports on the totality of lives thought to have been lost, mostly poor Mexican miner family members, range from 17 to 75, with many reporting 30-50.

¹³¹⁶ Cross-listed in Structural Failure – Dams, Dikes and Levees.

32. 1909 -- May 29, Flash Floods, Creek and Lincoln Counties, OK -- 10

FLASH FLOODS -- Flooding Subset -- Deadliest American -- Chronological (continued)

33. 1915 -- April 23, Flash Flood, Austin, TX -- 35
34. 1915 -- Aug 03, Cloudburst, Flash Flood, Drownings, Mill Creek, Erie, PA --29-45
35. 1915 -- Oct 16, Flash Flooding, Bridge Fails, Train Derails, Randolph, KS¹³¹⁷ -- 11
36. 1916 -- Aug 2-3, Cloudburst, Mill Dam Fails, Flash Flood, ~New Tazewell, TN¹³¹⁸ --27-38
37. 1916 -- Aug 9, Flash Floods, Cabin Creek, Coal River, Paint Creek, Mud River, WV--60-100
38. 1921 -- Sep 07, South TX Hurricane Leads to Flash Flood, San Antonio, TX -- 51
39. 1925 -- Jun 16, Train Derails, Rockport Crossing, near Hackettstown, NJ¹³¹⁹ -- 50
40. 1927 -- Nov 2-4, New England Flooding, MA, NH, CT, ME, and especially VT -- 200
41. 1929 -- July 18, Flash Flood, Bridge Down, Train Wreck, Stratton, CO¹³²⁰ -- 10
42. 1935 -- May 30, Downbursts and Flash Floods, CO -- 21
43. 1932 -- Sep 30, Flash Flood, Tehachapi Creek Basin, Woodford, Kern County, CA -- ≥15
44. 1938 -- June 19, Flash Flood, Bridge Fails, Train Crash, Miles City, MT¹³²¹ --46-47
45. 1942 -- July 17-18, Rainstorms and Flooding, North-Central PA & Southern NY -- 16
46. 1943 -- Aug 4/5, Flash Flood, Little Kanawha River Basin, central WV -- 23
47. 1947 -- Jun 23, Flash Flooding, Cambridge to Orleans, NE -- 13
48. 1950 -- May 8-9, Downbursts and Flash Floods and Flooding, Southeast Nebraska -- 23
49. 1950 -- June 24-25, Flash Flooding, 6 Counties, Central WV -- 31
50. 1965 -- June 11, Flash-Flood, Sanderson, TX -- 24
51. 1969 -- Aug 19, Flash Flood, Nelson County, VA -- 159
52. 1972 -- June 9, Pactola Dam Failure, Black Hills Flash Flood, Rapid City, SD¹³²² --236-238
53. 1972 -- June 19-22, Flash Flooding from Hurricane Agnes, VA¹³²³ -- 13
54. 1976 -- July 31, Big Thompson Canyon Flash Flood, CO -- 144
55. 1977 -- Sep 13, "The Plaza Flood" Flash Flood, Kansas City, MO -- 25
56. 1977 -- Nov 6/7, Heavy Rain, Flooding, esp. west Appalachian Mts., NC, TN -- 13
57. 1978 -- Aug 02, Flooding, Flash-Floods, Southeast TX -- 33
58. 1981 -- May 24, Intense Rain, Flash Flood, Austin, TX -- 13
 1985 -- Apr 27-28, Thunderstorms, Flash Flooding, Drownings (9), Tornadoes (1), TX-- 9
59. 1985 -- Aug 1, Supercell Thunderstorm and Flash Flooding, Cheyenne, WY -- 12
60. 1987 -- July 17, Flash Flood, Church Youth Bus & Van swept into river ~Comfort, TX¹³²⁴-- 10

¹³¹⁷ Cross-listed in Rail

¹³¹⁸ Cross-listed in Structural Failures – Dams, Dikes and Levees.

¹³¹⁹ Cross-listed in Rail

¹³²⁰ Cross-listed under Structural Failures (Bridge), and under Rail

¹³²¹ Cross-listed in Rail and in Structural Failures (Bridge/Trestles).

¹³²² Cross-listed in Structural Failures -- Dams and Levees

¹³²³ A subset of 129 total U.S. fatalities attributed to Hurricane Agnes.

61. 1990 -- June 14, Flash Flood, Shadyside and vicinity, OH	--	26
62. 1994 -- Oct 16-20 and 22, Flash Flooding/Flooding, esp. Southeast TX	--	19-22
63. 1995 -- May 5, Th-Storm, Flash flooding, roof collapse, lightning, Dallas area, TX ¹³²⁵	--	20-24
64. 1997 -- Aug 12, Flash Flood, Antelope Canyon, near Page, AZ	--	11
65. 1998 -- Jan 5-7, Flash Flooding AL (2) AR (1) KY (1) LA (1) NC (2) SC (1) TN (7)	--	15
66. 1998 -- Oct 4, Flash Flooding, Kansas City area (11) and south St. Joseph, MO (1)	--	12
67. 1998 -- Oct 17-18, Flash Floods, Central TX	--	29
68. 2008 -- June 4-12, Heavy Rain leading to Flash Flooding and Flooding, Midwest	--	11
69. 2010 -- June 11, Flash Flood kills campers, Ouachita Mts., Albert Pike Rec. Area, AR	--	20
2013 -- Sep 11-12 Flooding, Front Range area in and near Boulder, CO	--	8
70. 2015 -- Sep 14, Flash Flood; Hildale & Keyhole Canyon, Zion National Park, UT	--	21
71. 2015 -- Dec 26-28, ¹³²⁶ Flooding (31 drownings), AR (1); IL (9); MO (15); OK (7)	--	32
72. 2016 -- May 26-June 2, Flash Flooding/Flooding, esp. Fort Hood (June 2), TX	--	16
73. 2016 -- June 23-24, Flash Flooding, esp. Greenbrier (15) and Kanawha (6) Counties, WV	--	23
74. 2017 -- July 16, Flash Flood, Verde River, Tonto National Forest, Phoenix north, AZ	--	10

¹³²⁴ Cross-listed under Road/Highway Events -- Bus.

¹³²⁵ Includes two lightning deaths and two crushing deaths when a building roof collapsed from weight of water.

¹³²⁶ Dates relate to time-frame flood-related (and other) deaths occurred, not to the time-frame of the flood event.

FOG -- Contributing Factor -- Deadliest American -- By MORTALITY

1. 1854 -- Sep 27, US Mail Steamship *Arctic* hit by *Vesta* in Fog, off Cape Race, NFLD¹³²⁷ --318-562
2. 1977 -- Mar 27, KLM 4805/Pan Am 1736 Collide, fog, Tenerife Airport, Canary Is.¹³²⁸ --~339
3. 1852 -- Aug 20, Steamer *Atlantic* Hits Freighter in Fog, Burns/Sinks, Lake Erie¹³²⁹ -- 250
4. 1901--Feb 22, *City of Rio de Janeiro* Grounds/Sinks, Fog, Fort Point, SF Bay CA¹³³⁰ 127~140
5. 1918 -- July 05, Steamboat *Columbia* Hits Bank, Fog, Sinks, IL Riv., Pekin, IL¹³³¹ --87-89
6. 1973 -- July 31, Delta Air # 723 Crashes, Seawall in Fog, Logan, Boston, MA¹³³² -- 89
7. 1907 -- July 21, Collision, Steamer *Columbia* & *San Pedro*, off Shelter Cove, CA¹³³³ --80-86
8. 1974 -- Sep 11, Eastern Air Flight 212 Crashes in Fog, Charlotte, NC¹³³⁴ -- 72
9. 1918 -- May 1, Steamship *City of Athens* Sinks in Collision off Delaware Coast¹³³⁵ -- 67
10. 1956 -- July 25, *Andrea Doria* and *Stockholm* collide, Fog off Nantucket Isl., MA¹³³⁶ -- 51
11. 1880 -- Jun 11, Steamer *Narragansett* Hit/Burns/Sinks, Fog, off Saybrook CT¹³³⁷ --27-50
12. 1951 -- Aug 24, United 615, Crashes/Fog, Decoto, SW of Oakland IAP, CA¹³³⁸ -- 50
13. 1865 -- Dec 26-27, Fog, Steamer *Constitution* Grounds, Cape Lookout shoals, NC¹³³⁹ --30-48
14. 1944 -- Dec 31, Fog, Southern Pacific mail-express hits passenger train, ~Bagley, UT¹³⁴⁰ --48
15. 1930 -- June 10, Fog/Collision/Fire, *Fairfax* /Oil Tanker *Pinthis*, off Scituate, MA¹³⁴¹ --45-47
16. 1993 -- Sep 22, Fog, Barge hits bridge, Amtrak train derails into water/fire, ~Mobile, AL¹³⁴² --47
17. 1914 -- Jan 30, Steamers *Monroe* & *Nantucket* Collide, fog off Hog Island, VA¹³⁴³ -- 41
18. 1951 -- Apr 20, *Esso Greensboro*/*Esso Suez* Collide in Fog, Gulf of Mexico¹³⁴⁴ -- 39
19. 1949 -- July 12, Standard Air 897 Hits Mt., Fog, Approach to Burbank CA AP¹³⁴⁵ -- 35
20. 1968 -- Aug 10, Plane Crash/Fog, Piedmont Air Flight 230 Charleston, WV¹³⁴⁶ -- 35
21. 1888 -- Aug 22, Fog, Steamers *Oceanic* & *City of Chester* Collide, San Francisco¹³⁴⁷ --10-34
22. 1950 -- Sep 11, Train Spirit of St. Louis Hits Troop Train, Fog, Isleta, OH¹³⁴⁸ -- 33
23. 1968 -- Oct 25, Approach Crash/Fog, Northeast Air 946, Moose Mt., NH¹³⁴⁹ -- 32

¹³²⁷ Cross listed in Maritime. Off Newfoundland.

¹³²⁸ Cross-listed in Aviation.

¹³²⁹ Cross listed in Maritime.

¹³³⁰ Cross listed in Maritime.

¹³³¹ Cross listed in Maritime.

¹³³² Cross listed in Aviation.

¹³³³ Cross listed in Maritime.

¹³³⁴ Cross listed in Aviation.

¹³³⁵ Cross listed in Maritime.

¹³³⁶ Cross-listed in Maritime. The *Andrea Doria* was an Italian liner and the *Stockholm* was Swedish. Noted herein because the collision occurred in U.S. waters. 46 passengers died on the *Andrea Doria* and 5 sleeping crewmen died on the *Stockholm*.

¹³³⁷ Cross-listed in Maritime.

¹³³⁸ Cross listed in Aviation.

¹³³⁹ Cross-listed in Maritime.

¹³⁴⁰ Cross-listed in Rail.

¹³⁴¹ Cross-listed in Maritime.

¹³⁴² Cross-listed in Maritime and in Rail.

¹³⁴³ Cross-listed in Maritime.

¹³⁴⁴ Cross listed in Maritime.

¹³⁴⁵ Cross-listed in Aviation.

¹³⁴⁶ Cross listed in Aviation.

¹³⁴⁷ Cross listed in Maritime.

¹³⁴⁸ Cross listed in Rail.

¹³⁴⁹ Cross-listed in Aviation.

24. 1854 -- Oct 02 S.S. *Yankee Blade* Capsizes on Reef in Fog, near Pt. Arguello, CA¹³⁵⁰ --15-30
 25. 1880 -- Jun 11, *Narragansett/Stonington* Collide in Fog with off Saybrook, CT¹³⁵¹ -- 30

FOG -- Contributing Factor --Deadliest American -- By MORTALITY -- Cont.

26. 1968 -- Dec 27, Plane Hits Hangar/Fog, North Central Air 458, O'Hare, IL¹³⁵² -- 28
 27. 1971 -- June 7, Approach Crash/Fog, Allegheny Airlines New Haven, CT¹³⁵³ -- 28
 28. 1916 -- March 29, Three Train Collision in Fog, near Amherst, OH¹³⁵⁴ -- 27
 29. 1907 -- Jan 19, Trains Collide in Fog, Big Four Line, Fowler, IN¹³⁵⁵ --23-29
 30. 1945 -- Jan 10, Plane Crash in Fog, American Air 6001, ~Burbank-Hollywood CA¹³⁵⁶ -- 24
 31. 1958 -- Aug 15, Northeast Air 258 Approach Crash in Fog, Nantucket, MA¹³⁵⁷ -- 25
 32. 1962 -- Nov 30, Approach Crash/Fog, Eastern Air Flight 512, Jamaica, NY¹³⁵⁸ -- 25
 33. 1893 -- Nov 7, *Albany/Philadelphia* Collision, Fog, L. Huron ~ Pte Aux Barques MI¹³⁵⁹ -- 24
 34. 1910 -- May 23, *Frank H. Goodyear* hit/Sinks, Lake Huron, ~Pt. Aux Barques, MI¹³⁶⁰ --17-23
 35. 1923 -- Sep 08, Fog, 7 US Navy Ships Run Aground, Honda Point, CA¹³⁶¹ -- 23
 36. 1950 -- Aug 25, Hosp. Ship *Benevolence* hit/sunk/fog, *M. Luckenbach* ~SF CA¹³⁶² --18-23
 37. 1960 -- Oct 29, Fog, Arctic-Pacific Takeoff Crash, Toledo Express Airport, OH¹³⁶³ -- 22
 38. 1913 -- Sep 02, Trains Collide, Foggy Weather, North Haven, CT¹³⁶⁴ -- 21
 39. 1946 -- Sep 05, Plane crash/fire, Trans-Luxury Airlines charter, fog, near Elko, NV¹³⁶⁵ -- 21
 40. 1917 -- Feb 27, Trains Collide in Fog at Night, Mount Union, PA¹³⁶⁶ -- 20
 41. 1918 -- Oct 03, Train Runs into Passengers in Fog, East Bedford, OH¹³⁶⁷ -- 20
 42. 1927 -- Oct 29, Fog, *President Wilson*, Hits Gloucester Fisher *Avalon*, ~Cape Cod MA¹³⁶⁸ --20
 43. 1943 -- Nov 21, Tanker *Altair* hit by tanker *Bostonian*, Fog, off Cape Henlopen, DE¹³⁶⁹ -- 20
 44. 1949 -- Jan 17, USAF B-29 Crash, Argyllshire Mts. in fog, near Glasgow, Scotland¹³⁷⁰ -- 20
 45. 1903 -- Oct 19, Steamer *South Portland* his rock in Fog, near Cape Blanco, OR¹³⁷¹ -- 19
 46. 1944 -- July 11, Plane Crash/Fire, Westbrook Trailer Colony, S. Portland, ME¹³⁷² -- 19

¹³⁵⁰ Cross listed in Maritime.
¹³⁵¹ Cross listed in Maritime.
¹³⁵² Cross-listed in Aviation.
¹³⁵³ Cross-listed in Aviation.
¹³⁵⁴ Cross listed in Rail.
¹³⁵⁵ Cross listed in Rail
¹³⁵⁶ Cross-listed I Aviation.
¹³⁵⁷ Cross listed in Aviation.
¹³⁵⁸ Cross listed in Aviation.
¹³⁵⁹ Cross listed in Maritime.
¹³⁶⁰ Cross listed in Maritime.
¹³⁶¹ Cross listed in Maritime.
¹³⁶² Cross-listed in Maritime.
¹³⁶³ Cross listed in Aviation.
¹³⁶⁴ Cross listed in Rail
¹³⁶⁵ Cross-listed in Aviation.
¹³⁶⁶ Cross listed in Rail.
¹³⁶⁷ Cross listed in Rail
¹³⁶⁸ Cross-listed in Maritime.
¹³⁶⁹ Cross-listed in Maritime.
¹³⁷⁰ Cross-listed in Aviation.
¹³⁷¹ Cross listed in Maritime.
¹³⁷² Cross listed in Aviation.

47. 1908 -- May 26, Boston Sch. *Fame* /UK Steamer *Boston* Collide, fog, Cashes Bank, ME¹³⁷³ -- 18
 48. 1943 -- May 15, Plane Crash, US Army AF C-47, Ginger Cake Mountain, NC¹³⁷⁴ -- 18
 49. 1958 -- Aug 07, Collision/Fog, Tanker *Gulfoil* & *S.E. Graham*, off Bull Point, RI¹³⁷⁵ -- 18

FOG -- Contributing Factor -- By MORTALITY -- Cont.

50. 1903 -- Oct 17, Fog, Work Trains Collide, Washington Crossing, near Trenton, NJ¹³⁷⁶ -- 17
 51. 1807 -- July 11, Schooner *Charles*, Wrecks on Reef, fog, west of Portland Light, ME¹³⁷⁷ -- 16
 52. 1913 -- Jan 3, Fog, *Julia Luckenbach* Collision/Sinks, ~Tangier Island, VA¹³⁷⁸ -- 16
 53. 1958 -- Feb 15, USAF C-47 Transport Plane Crashes in fog on Mt. Vesuvius, Italy¹³⁷⁹ -- 16
 54. 1969 -- Mar 20, Approach Crash/Fog, Avion Charter, New Orleans IAP, LA¹³⁸⁰ -- 16
 55. 1971 -- Oct 21, Approach Crash/Fog, Chicago & Southern Air 804, Peoria, IL¹³⁸¹ -- 16
 56. 1978 -- Oct 06, USN C-118 Transport Crashes into hill in Fog near Santiago, Chile¹³⁸² -- 16
 57. 1903 -- May 5, Fog, Gloucester, MA fishing Sch. *Gloriana* grounds, White Point, NS¹³⁸³ -- 15
 58. 1903 -- May 5, Fog, Steamer *Saginaw* sinks, liner *Hamilton* collis. ~Hog Island, VA¹³⁸⁴ -- 15
 59. 1925 -- Jun 28, Gloucester, MA schooner *Rex* sunk by Liner in fog 200M E of N.S.¹³⁸⁵ -- 15
 60. 1909 -- July 12, Steamer *John B. Cowle* Sinks, Whitefish Bay, Lake Superior¹³⁸⁶ -- 14
 61. 1945 -- Oct 31, US Navy Transport Plane Crash, heavy fog, Rich Mt., ~Mena, AR¹³⁸⁷ -- 14
 62. 1945 -- July 28, B-25 Mitchell Bomber Flies into Empire State Building in Fog, NY¹³⁸⁸ -- 14
 63. 1912 -- July 14, Two-Train Collision in Fog, Western Springs, IL¹³⁸⁹ -- 13
 64. 1977 -- Dec 11, BNAS-based USN Orion Crash, Fog, El Hierro Mt., Canary Islands¹³⁹⁰ -- 13
 65. 1862 -- Aug 09, *Illinois* Hits *Oriole*, Fog, Lake Superior, off Munising, MI¹³⁹¹ -- 12
 66. 1898 -- Nov 18, PA Train runs-down workmen, fog, Hackensack Meadows, NJ¹³⁹² --11-12
 67. 1914 -- Aug 26, *Admiral Sampson* Collision, Fog, Puget Sound, Point No Pt., WA¹³⁹³ -- 12
 68. 1943 -- May 20, USAAF B-24E Plane Hits Natural Gas Tank, Fog, Chicago, IL¹³⁹⁴ -- 12
 69. 1943 -- July 05, USAAF B-24E Crash in fog, Green Mt., San Miguel Island, CA¹³⁹⁵ -- 12

¹³⁷³ Cross listed in Maritime.
¹³⁷⁴ Cross listed in Aviation.
¹³⁷⁵ Cross listed in Maritime
¹³⁷⁶ Cross-listed in Rail.
¹³⁷⁷ Cross-listed in Maritime.
¹³⁷⁸ Cross listed in Maritime.
¹³⁷⁹ Cross-listed in Aviation.
¹³⁸⁰ Cross-listed in Aviation.
¹³⁸¹ Cross-listed in Aviation.
¹³⁸² Cross-listed in Aviation.
¹³⁸³ Cross-listed in Maritime
¹³⁸⁴ Cross-listed in Maritime.
¹³⁸⁵ Cross-listed in Maritime.
¹³⁸⁶ Cross listed in Maritime.
¹³⁸⁷ Cross-listed in Aviation.
¹³⁸⁸ Cross listed in Aviation.
¹³⁸⁹ Cross listed in Rail.
¹³⁹⁰ Cross-listed in Aviation.
¹³⁹¹ Cross-listed in Maritime.
¹³⁹² Cross-listed in Rail.
¹³⁹³ Cross listed in Maritime.
¹³⁹⁴ Cross-listed in Aviation.
¹³⁹⁵ Cross-listed in Aviation.

70.	1944 -- Apr 27, <i>Ashcroft Rams Steamer James H. Reed</i> , Lake Erie Fog ¹³⁹⁶	--	12
71.	1990 -- Dec 11, Fog, Multiple-Vehicle Collisions, I-75 near Calhoun, TN ¹³⁹⁷	--	12
72.	1891 -- Aug 6, Trains Collide, Fog, West Shore Railroad, "Dutcher's Cut" NY ¹³⁹⁸	--	11
73.	1925 -- Mar 22, Trains Collide in Dense Fog, Ricohoc, LA ¹³⁹⁹	--	11
74.	1960 -- July 19, USN destroyers <i>Collett & Ammen</i> collide, fog, ~Newport Beach, CA ¹⁴⁰⁰	--	11
75.	1997 -- Nov 16, Highway Collision/Fog, Van and Semi, Mendota, CA ¹⁴⁰¹	--	11
76.	1925 -- Nov 12, Trains Collide in Fog near Monmouth Junction, NJ ¹⁴⁰²	--	10
77.	1930 -- Sep 01, WA Sch. <i>Orient</i> Collides with <i>Admiral Nelson</i> , ~Vancouver Isl., BC ¹⁴⁰³	--	10
78.	1964 -- Nov 17, USN P-3A Orion Landing Crash, Fog, USN Base, Argentia NFL ¹⁴⁰⁴	--	10
79.	1965 -- May 7, Ships Collide, Fog, <i>Cedarville</i> Sinks, Mackinac Straits, MI ¹⁴⁰⁵	--	10
80.	1972 -- Dec 20, Planes Collide/Fog, North Central & Delta, O'Hare, Chicago, IL ¹⁴⁰⁶	--	10
81.	2002 -- Oct 11, Fog, Multi Vehicle Pileup, I-43, near Cedar Grove, WI ¹⁴⁰⁷	--	10

¹³⁹⁶ Cross listed in Maritime.

¹³⁹⁷ Cross listed in Road/Highway.

¹³⁹⁸ Cross-listed in Rail

¹³⁹⁹ Cross listed in Rail.

¹⁴⁰⁰ Cross listed in Maritime.

¹⁴⁰¹ Cross-listed in Road/Highway.

¹⁴⁰² Cross listed in Rail.

¹⁴⁰³ Cross listed in Maritime.

¹⁴⁰⁴ Cross-listed in Aviation.

¹⁴⁰⁵ Cross-listed in Maritime.

¹⁴⁰⁶ Cross-listed in Maritime.

¹⁴⁰⁷ Cross-listed in Road/Highway.

FOG -- Contributing Factor -- Deadliest American -- Chronological

1. 1807 -- July 11, Schooner *Charles*, Wrecks on Reef, fog, west of Portland Light, ME¹⁴⁰⁸ -- 16
2. 1852 -- Aug 20, Steamer *Atlantic* Hits Freighter in Fog, Burns/Sinks, Lake Erie¹⁴⁰⁹ -- 250
3. 1854 -- Sep 27, US Mail Steamship *Arctic* hit by *Vesta* in Fog, off Cape Race¹⁴¹⁰ --318-562
4. 1854 -- Oct 02 S.S. *Yankee Blade* Capsizes on Reef in Fog, near Pt. Arguello, CA¹⁴¹¹ --15-30
5. 1862 -- Aug 09, *Illinois* Hits *Oriole*, Fog, Lake Superior, off Munising, MI¹⁴¹² -- 12
6. 1865 -- Dec 26-27, Fog, Steamer *Constitution* Grounds, Cape Lookout shoals, NC¹⁴¹³ --30-48
7. 1880 -- Jun 11, Steamer *Narragansett* Hit/Burns/Sinks, Fog, off Saybrook CT¹⁴¹⁴ --27-50
8. 1880 -- Jun 11, *Narragansett*/*Stonington* Collide in Fog with off Saybrook, CT¹⁴¹⁵ -- 30
9. 1888 -- Aug 22, Fog, Steamers *Oceanic* & *City of Chester* Collide, San Francisco¹⁴¹⁶ --30-34
10. 1891 -- Aug 6, Trains Collide, Fog, West Shore Railroad, "Dutcher's Cut" NY¹⁴¹⁷ -- 11
11. 1893 -- Nov 7, *Albany*/*Philadelphia* Collision, Fog, L. Huron ~ Pte Aux Barques MI¹⁴¹⁸ -- 24
12. 1898 -- Nov 18, PA Train runs-down workmen, fog, Hackensack Meadows, NJ¹⁴¹⁹ --11-12
13. 1901--Feb 22, *City of Rio de Janeiro* Grounds/Sinks, Fog, Fort Point, SF Bay CA¹⁴²⁰ --27~140
14. 1903 -- May 5, fog, Gloucester, MA fishing Sch. *Gloriana* grounds, White Point, N.S.-- 15
15. 1903 -- May 5, Fog, Steamer *Saginaw* sinks, liner *Hamilton* collis. ~Hog Island, VA¹⁴²¹-- 15
16. 1903 -- Oct 17, Fog, Work Trains Collide, Washington Crossing, near Trenton, NJ¹⁴²² -- 17
17. 1903 -- Oct 19, Steamer *South Portland* Grounds, Fog, Cape Blanco, OR¹⁴²³ -- 19
18. 1907 -- Jan 19, Trains Collide in Fog, Big Four Line, Fowler, IN¹⁴²⁴ --23-29
19. 1907 -- July 21, Collision, Steamer *Columbia* & *San Pedro*, off Shelter Cove, CA¹⁴²⁵ --80-86
20. 1908 -- May 26, Boston Sch. *Fame* / UK Steamer *Boston* Collide, fog, Cashes Bank¹⁴²⁶-- 18
21. 1909 -- July 12, Steamer *John B. Cowle* Sinks, Whitefish Bay, Lake Superior¹⁴²⁷ -- 14

¹⁴⁰⁸ Cross-listed in Maritime.

¹⁴⁰⁹ Cross listed in Maritime.

¹⁴¹⁰ Cross listed in Maritime.

¹⁴¹¹ Cross listed in Maritime.

¹⁴¹² Cross-listed in Maritime.

¹⁴¹³ Cross-listed in Maritime.

¹⁴¹⁴ Cross-listed in Maritime.

¹⁴¹⁵ Cross listed in Maritime.

¹⁴¹⁶ Cross listed in Maritime.

¹⁴¹⁷ Cross-listed in Rail

¹⁴¹⁸ Cross listed in Maritime.

¹⁴¹⁹ Cross-listed in Rail.

¹⁴²⁰ Cross listed in Maritime.

¹⁴²¹ Cross-listed in Maritime.

¹⁴²² Cross-listed in Rail.

¹⁴²³ Cross listed in Maritime.

¹⁴²⁴ Cross listed in Rail

¹⁴²⁵ Cross listed in Maritime.

¹⁴²⁶ Cross listed in Maritime.

¹⁴²⁷ Cross listed in Maritime.

22. 1910 -- May 23, *Frank H. Goodyear* hit/Sinks, Lake Huron, ~Pt. Aux Barques, MI¹⁴²⁸ --17-23
 23. 1912 -- July 14, Two-Train Collision in Fog, Western Springs, IL¹⁴²⁹ -- 13
 24. 1913 -- Jan 3, Fog, *Julia Luckenbach* Collision/Sinks, ~Tangier Island, VA¹⁴³⁰ -- 16
 25. 1913 -- Sep 02, Trains Collide, Foggy Weather, North Haven, CT¹⁴³¹ -- 21
 26. 1914 -- Jan 30, Steamers *Monroe & Nantucket* Collide, fog off Hog Island, VA¹⁴³² -- 41
 27. 1914 -- Aug 26, Fog, Steamer *Admiral Sampson* Collision, Puget Sound, WA¹⁴³³ --11-12
 28. 1916 -- March 29, Three Train Collision in Fog, near Amherst, OH¹⁴³⁴ -- 27
 29. 1917 -- Feb 27, Trains Collide in Fog at Night, Mount Union, PA¹⁴³⁵ -- 20
 30. 1918 -- May 1, Steamship *City of Athens* Sinks in Collision off Delaware Coast¹⁴³⁶ -- 67
 31. 1918 -- July 05, Steamboat *Columbia* Hits Bank, Fog, Sinks, IL River, Pekin, IL¹⁴³⁷ --87-89
 32. 1918 -- Oct 03, Train Runs into Passengers in Fog, East Bedford, OH¹⁴³⁸ -- 20

FOG -- Contributing Factor -- Deadliest American -- Chronological -- Cont.

33. 1923 -- Sep 08, Fog, 7 US Navy Ships Run Aground, Honda Point, CA¹⁴³⁹ -- 23
 34. 1925 -- Mar 22, Trains Collide in Dense Fog, Ricohoc, LA¹⁴⁴⁰ -- 11
 35. 1925 -- Jun 28, Gloucester, MA schooner *Rex* sunk by Liner in fog 200M E of N.S.¹⁴⁴¹ -- 15
 36. 1925 -- Nov 12, Trains Collide in Fog near Monmouth Junction, NJ¹⁴⁴² -- 10
 37. 1927 -- Oct 29, Fog, *President Wilson*, Hits Gloucester Fisher *Avalon* ~Cape Cod MA¹⁴⁴³ --20

 38. 1930 -- June 10, Fog/Collision/Fire, *Fairfax* /Oil Tanker *Pinthis*, off Scituate, MA¹⁴⁴⁴ --45-47
 39. 1930 -- Sep 01, WA Sch. *Orient* Collides with *Admiral Nelson*, ~Vancouver Isl., BC¹⁴⁴⁵ -- 10

 40. 1943 -- May 15, Plane Crash, US Army AF C-47, Ginger Cake Mountain, NC¹⁴⁴⁶ -- 18
 41. 1943 -- May 20, USAAF B-24E Plane Hits Natural Gas Tank, Fog, Chicago IL¹⁴⁴⁷ -- 12
 42. 1943 -- Nov 21, Tanker *Altair* hit by tanker *Bostonian*, Fog, off Cape Henlopen, DE¹⁴⁴⁸ -- 20
 43. 1944 -- Apr 27, *Ashcroft Rams* Steamer *James H. Reed*, Lake Erie Fog¹⁴⁴⁹ -- 12

¹⁴²⁸ Cross listed in Maritime.
¹⁴²⁹ Cross listed in Rail.
¹⁴³⁰ Cross listed in Maritime.
¹⁴³¹ Cross listed in Rail
¹⁴³² Cross-listed in Maritime.
¹⁴³³ Cross listed in Maritime.
¹⁴³⁴ Cross listed in Rail.
¹⁴³⁵ Cross listed in Rail.
¹⁴³⁶ Cross listed in Maritime.
¹⁴³⁷ Cross listed in Maritime.
¹⁴³⁸ Cross listed in Rail
¹⁴³⁹ Cross listed in Maritime.
¹⁴⁴⁰ Cross listed in Rail.
¹⁴⁴¹ Cross-listed in Maritime.
¹⁴⁴² Cross listed in Rail.
¹⁴⁴³ Cross-listed in Maritime.
¹⁴⁴⁴ Cross-listed in Maritime.
¹⁴⁴⁵ Cross listed in Maritime.
¹⁴⁴⁶ Cross listed in Aviation.
¹⁴⁴⁷ Cross-listed in Aviation.
¹⁴⁴⁸ Cross-listed in Maritime.
¹⁴⁴⁹ Cross listed in Maritime.

44. 1944 -- July 11, Plane Crash/Fire, Westbrook Trailer Colony, S. Portland, ME¹⁴⁵⁰ -- 19
 45. 1944 -- Dec 31, Fog, Southern Pacific mail-express hits passenger train, ~Bagley, UT¹⁴⁵¹--48
 46. 1945 -- Jan 10, Plane Crash in Fog, American Air 6001, ~Burbank-Hollywood CA¹⁴⁵²-- 24
 47. 1945 -- July 28, B-25 Mitchell Bomber Flies into Empire State Building in Fog¹⁴⁵³ -- 14
 48. 1945 -- Oct 31, US Navy Transport Plane Crash, heavy fog, Rich Mt., ~Mena, AR¹⁴⁵⁴ -- 14
 49. 1946 -- Sep 05, Plane crash/fire, Trans-Luxury Airlines charter, fog, near Elko, NV¹⁴⁵⁵-- 21
 50. 1949 -- Jan 17, USAF B-29 Crash, Argyllshire Mts. in fog, near Glasgow, Scotland¹⁴⁵⁶-- 20
 51. 1949 -- July 12, Standard Air 897 Hits Mt., Fog, Approach to Burbank CA AP¹⁴⁵⁷ -- 35

FOG -- Contributing Factor -- Deadliest American -- Chronological -- Cont.

52. 1950 -- Aug 25, Hosp. Ship *Benevolence* hit/sunk/fog, *M. Luckenbach* ~SF CA¹⁴⁵⁸ --18-23
 53. 1950 -- Sep 11, Train Spirit of St. Louis Hits Troop Train, Fog, Isleta, OH¹⁴⁵⁹ -- 33
 54. 1951 -- Apr 20, *Esso Greensboro/Esso Suez* Collide in Fog, Gulf of Mexico¹⁴⁶⁰ -- 39
 55. 1951 -- Aug 24, United 615, Crashes/Fog, Decoto, SW of Oakland IAP, CA¹⁴⁶¹ -- 50
 56. 1956 -- July 25, *Andrea Doria* and *Stockholm* collide, Fog off Nantucket Isl., MA¹⁴⁶² -- 51
 57. 1958 -- Feb 15, USAF C-47 Transport Plane Crashes in fog on Mt. Vesuvius, Italy¹⁴⁶³-- 16
 58. 1958 -- Aug 07, Collision/Fog, Tanker *Gulfoil* & *S.E. Graham*, off Bull Point, RI¹⁴⁶⁴ -- 18
 59. 1958 -- Aug 15, Northeast Air 258 Approach Crash in Fog, Nantucket, MA¹⁴⁶⁵ -- 25
60. 1960 -- July 19, USN destroyers *Collett* & *Ammen* collide, fog, ~Newport Beach, CA¹⁴⁶⁶ -- 11
 61. 1960 -- Oct 29, Fog, Arctic-Pacific Takeoff Crash, Toledo Express Airport, OH¹⁴⁶⁷ -- 22
 62. 1962 -- Nov 30, Approach Crash/Fog, Eastern Air Flight 512, Jamaica, NY¹⁴⁶⁸ -- 25
 63. 1964 -- Nov 17, USN P-3A Orion Landing Crash, Fog, USN Base, Argentia NFL¹⁴⁶⁹ -- 10
 64. 1965 -- May 7, Ships Collide, Fog, *Cedarville* Sinks, Mackinac Straits, MI¹⁴⁷⁰ -- 10
 65. 1968 -- Aug 10, Plane Crash/Fog, Piedmont Air Flight 230 Charleston, WV¹⁴⁷¹ -- 35

¹⁴⁵⁰ Cross listed in Aviation.

¹⁴⁵¹ Cross-listed in Rail.

¹⁴⁵² Cross-listed I Aviation.

¹⁴⁵³ Cross listed in Aviation.

¹⁴⁵⁴ Cross listed in Aviation.

¹⁴⁵⁵ Cross-listed in Aviation.

¹⁴⁵⁶ Cross-listed in Aviation.

¹⁴⁵⁷ Cross-listed in Aviation.

¹⁴⁵⁸ Cross-listed in Maritime.

¹⁴⁵⁹ Cross listed in Rail.

¹⁴⁶⁰ Cross listed in Maritime.

¹⁴⁶¹ Cross listed in Aviation.

¹⁴⁶² Cross-listed in Maritime. The *Andrea Doria* was an Italian liner and the *Stockholm* was Swedish. Noted herein because the collision occurred in U.S. waters. 46 passengers died on the *Andrea Doria* and 5 sleeping crewmen died on the *Stockholm*.

¹⁴⁶³ Cross-listed in Aviation.

¹⁴⁶⁴ Cross listed in Maritime

¹⁴⁶⁵ Cross listed in Aviation.

¹⁴⁶⁶ Cross listed in Maritime.

¹⁴⁶⁷ Cross listed in Aviation.

¹⁴⁶⁸ Cross listed in Aviation.

¹⁴⁶⁹ Cross-listed in Aviation.

¹⁴⁷⁰ Cross-listed in Maritime.

66. 1968 -- Oct 25, Approach Crash/Fog, Northeast Air 946, Moose Mt., NH¹⁴⁷² -- 32
 67. 1968 -- Dec 27, Plane Hits Hangar/Fog, North Central Air 458, O'Hare, IL¹⁴⁷³ -- 28
 68. 1969 -- Mar 20, Approach Crash/Fog, Avion Charter, New Orleans IAP, LA¹⁴⁷⁴ -- 16

FOG -- Contributing Factor -- Deadliest American -- Chronological -- Cont.

69. 1971 -- June 7, Approach Crash/Fog, Allegheny Airlines New Haven, CT¹⁴⁷⁵ -- 28
 70. 1971 -- Oct 21, Approach Crash/Fog, Chicago & Southern Air 804, Peoria IL¹⁴⁷⁶ -- 16
 71. 1972 -- Dec 20, Planes Collide/Fog, North Central & Delta, O'Hare, Chicago, IL¹⁴⁷⁷ -- 10
 72. 1973 -- July 31, Delta Air # 723 Crashes, Seawall in Fog, Logan, Boston, MA¹⁴⁷⁸ -- 89
 73. 1974 -- Sep 11, Eastern Air Flight 212 Crashes in Fog, Charlotte, NC¹⁴⁷⁹ -- 72
 74. 1977 -- Dec 11, BNAS-based USN Orion Crash, Fog, El Hierro Mt., Canary Islands¹⁴⁸⁰ -- 13
 75. 1978 -- Oct 06, USN C-118 Transport Crashes into hill in Fog near Santiago, Chile¹⁴⁸¹ -- 16

 76. 1990 -- Dec 11, Fog, Multiple-Vehicle Collisions, I-75 near Calhoun, TN¹⁴⁸² -- 12
 77. 1993 -- Sep 22, Fog, Barge hits bridge, Amtrak train derails into water/fire, ~Mobile, AL¹⁴⁸³ --47

 78. 1997 -- Nov 16, Highway Collision/Fog, Van and Semi, Mendota, CA¹⁴⁸⁴ -- 11

¹⁴⁷¹ Cross listed in Aviation.

¹⁴⁷² Cross-listed in Aviation.

¹⁴⁷³ Cross-listed in Aviation.

¹⁴⁷⁴ Cross-listed in Aviation.

¹⁴⁷⁵ Cross-listed in Aviation.

¹⁴⁷⁶ Cross-listed in Aviation.

¹⁴⁷⁷ Cross-listed in Maritime.

¹⁴⁷⁸ Cross listed in Aviation.

¹⁴⁷⁹ Cross listed in Aviation.

¹⁴⁸⁰ Cross-listed in Aviation.

¹⁴⁸¹ Cross-listed in Aviation.

¹⁴⁸² Cross listed in Highway.

¹⁴⁸³ Cross-listed in Maritime and in Rail.

¹⁴⁸⁴ Cross-listed in Highway.

HAIL – Deadliest American – **By Mortality**

1. 1977 -- Apr 04, Hailstorm, Plane Crash, Southern Airways Flight #242, Hope, GA¹⁴⁸⁵ -- 72
2. 1784 -- May 08, Hail Storm, Winnsborough, SC -- 3
3. 1742 -- June 10, Hail, Amwell, NJ -- 1
4. 1863 -- Sep 11, Hail, St. Charles County, MO -- 1
5. 1895 -- July 26, Hailstorm, near Djuberg School, Barnes County, SD -- 1
6. 1909 -- May 17, Hail, near Uvalde, TX -- 1
7. 1930 or 1939 -- May 30, Hail Storm, Farmer Killed, Northwest of Lubbock, TX -- 1
8. 1931 -- May 10, Hail, Windsor, NC -- 1
9. 1979 -- July 30, Hailstorm, 3-month girl hit in head, dies Aug 7, Fort Collins, CO -- 1
10. 2000 -- March 29, Hailstorm, man hit in head by softball-sized hail, Fort Worth, TX -- 1

HAIL – Deadliest American – **Chronological**

1. 1742 -- June 10, Hail, Amwell, NJ -- 1
2. 1784 -- May 08, Hail Storm, Winnsborough, SC -- 3
3. 1863 -- Sep 11, Hail, St. Charles County, MO -- 1
4. 1895 -- July 26, Hailstorm, near Djuberg School, Barnes County, SD -- 1
5. 1909 -- May 17, Hail, near Uvalde, TX -- 1
6. 1930 or 1939 -- May 30, Hail Storm, Farmer Killed, Northwest of Lubbock, TX -- 1
7. 1931 -- May 10, Hail, Windsor, NC -- 1
8. 1977 -- Apr 04, Hailstorm, Plane Crash, Southern Airways Flight #242, Hope, GA¹⁴⁸⁶ -- 72
9. 1979 -- July 30, Hailstorm, 3-month girl hit in head, dies Aug 7, Fort Collins, CO -- 1
10. 2000 -- March 29, Hailstorm, man hit in head by softball-sized hail, Fort Worth, TX -- 1

¹⁴⁸⁵ Cross-listed in Aviation. According to NTSB report “The loss of thrust was caused by the ingestion of massive amounts of water and hail which in combination with thrust level movement induced severe stalling in and major damage to the engine...”

¹⁴⁸⁶ Cross-listed in Aviation. According to NTSB report “The loss of thrust was caused by the ingestion of massive amounts of water and hail which in combination with thrust level movement induced severe stalling in and major damage to the engine...”

HAZARDOUS MATERIALS Transportation Incidents – By MORTALITY

1. 1947 -- Apr 16-17, Ammonium Nitrate Explosion, *Grandcamp*, Texas City, TX¹⁴⁸⁷--581-600
2. 1944 -- July 17, Munitions Ships Explode while loading, Port Chicago, CA¹⁴⁸⁸ --320-325
3. 1863 -- Aug 19, Steamer *City of Madison* ammunition Explosion, Vicksburg, MS¹⁴⁸⁹--50-163
4. 1913 -- Mar 07, Harbor/Ship (*Alum Chine*) Dynamite Explosion, Baltimore, MD¹⁴⁹⁰ -- 55
5. 1915 -- Sep 27, Rail Tank Car Gasoline Explosion, Ardmore, OK¹⁴⁹¹ --40-44
6. 1907 -- Jan 19, Train Car Explosion (Powder), Big Four Railroad, Sandford, IN¹⁴⁹² --29-34
7. 1950 -- May 25, Collision, Green Hornet Trolley & Gasoline Tank Truck, Chicago IL¹⁴⁹³--34
8. 1893 -- Jan 21, Express Train Collides into Oil Cars/fire/explos., Wann, ~Alton, IL¹⁴⁹⁴-- 33
9. 1902 -- May 12, Explosion, Freight Train Oil and Naphtha Cars, Sheraden, PA¹⁴⁹⁵ --20-29
10. 1926 -- Apr 11, Tanker *Gulf of Venezuela* Explosion, Port Arthur, TX¹⁴⁹⁶ -- 26

11. 1904 -- Feb 19, Trains Collide, Dynamite Explodes, Jackson Station, NV¹⁴⁹⁷ -- 24
12. 1905 -- May 11, Trains Collide, Blasting Powder Explosion, Fire, S. Harrisburg, PA¹⁴⁹⁸-- 23
13. 1959 -- Jun 28, Train Derailment, LPG-Tank Rupture, Flash-Fire, Meldrim, GA¹⁴⁹⁹ -- 23
14. 1956 -- Jan 17, Tanker *SS Salem Maritime* Gasoline Explosion/Fire, Lake Charles, LA¹⁵⁰⁰-21
15. 1941 --Mar 24, Oil Tanker *Cities Service Denver* Explosion/Fire, off NC/SC coast¹⁵⁰¹--19-20
16. 1881 -- Dec 26, Steamer *West Point* gasoline fumes explos., York Ri., West Point, VA¹⁵⁰²-19
17. 1947 -- Aug 05, Worker/Gasoline Trucks Collide and Burn, near Waxahachie, TX¹⁵⁰³ -- 19
18. 1975 -- Apr 29, Surtigas, S.A.LP Gas Tank Truck Wreck, 277, Eagle Pass, TX¹⁵⁰⁴ -- 19
19. 1932 -- Feb 4, Explosion, Sun Oil Tanker *Bidwell* while cleaning, Marcus Hook, PA¹⁵⁰⁵-- 18
20. 1903 -- Mar 09, Train Wreck/Fire, delayed Oil/Gasoline Tanker Explos., Olean, NY¹⁵⁰⁶-- 17
21. 1833 -- May 19, St. *Lioness* Fire/Gunpowder Explos., Red River, Montgomery, LA¹⁵⁰⁷-14-16
22. 1892 -- Jun 13, Mil. Munitions Explos., USS *Boston*, Mare Island Navy Yard, CA¹⁵⁰⁸-- 14-16
23. 1944 -- Oct 21, Vapor Explos./Fire, USN LSMs 211/212, Berth 223, LA Harbor, CA¹⁵⁰⁹-- 16

¹⁴⁸⁷ Cross-listed in Explosions, in Fire, and in Maritime.

¹⁴⁸⁸ Cross-listed under Explosions and in Maritime.

¹⁴⁸⁹ Cross-listed in Maritime.

¹⁴⁹⁰ Cross-listed in Explosions and in Maritime.

¹⁴⁹¹ Cross-listed in Explosions and in Rail.

¹⁴⁹² Cross-listed in Explosions and in Rail.

¹⁴⁹³ Cross-listed in Rail.

¹⁴⁹⁴ Cross-listed in Rail.

¹⁴⁹⁵ Cross-listed in Explosions and in Rail.

¹⁴⁹⁶ Cross-listed in Maritime.

¹⁴⁹⁷ Cross-listed in Explosions and in Rail.

¹⁴⁹⁸ Cross-listed in Explosions and in Rail.

¹⁴⁹⁹ Cross-listed in Rail.

¹⁵⁰⁰ Cross-listed in Explosions and Maritime.

¹⁵⁰¹ Cross-listed in Maritime. The cause of the explosion was undetermined.

¹⁵⁰² Cross-listed in Maritime.

¹⁵⁰³ Cross-listed in Road and Highway Incidents.

¹⁵⁰⁴ Cross-listed in Road/Highway Incidents.

¹⁵⁰⁵ Cross-listed in Maritime.

¹⁵⁰⁶ Cross-listed in Explosions and in Rail.

¹⁵⁰⁷ Cross-listed in Maritime.

¹⁵⁰⁸ Cross-listed in Explosions and in Maritime.

¹⁵⁰⁹ Cross-listed in Explosions and in Maritime.

HAZARDOUS MATERIALS Transportation Incidents – By MORTALITY

24.	1978 -- Feb 24, LPG Tank Car Explosion, Waverly, TN ¹⁵¹⁰	--	16
25.	1959 -- Aug 07, Bldg. Fire leads to parked truck Dynamite Explosion, Roseburg, OR ¹⁵¹¹	--	14
26.	1960 -- Mar 01, Train and Oil Tank Truck Collision, Fire, Bakersfield, CA ¹⁵¹²	--	14
27.	1891 -- May 19, Dynamite Explosion, Construction Train, near Tarrytown, NY ¹⁵¹³	--	13
28.	1916 -- Jan 4, Gas Fumes Explosion, Oil Tanker <i>Aztec Norge</i> , Erie Basin dock, NY ¹⁵¹⁴	--	13
29.	1973 -- July 5, Propane Gas Railcar Fire/Explosion (Doxel Gas Co., Kingman, AZ ¹⁵¹⁵	--	13
30.	1974 -- Apr 9, Explosions, Oil Tanker <i>S.S. Elias</i> , Delaware River, Fort Mifflin, PA ¹⁵¹⁶	--	13
31.	1942 -- Oct 03, Gasoline Tanker, Wagon, Bus collide, explosion ~Lumberton, NC ¹⁵¹⁷	--	11-12
32.	1947 -- Jun 22, Tankship <i>Markay</i> Petrol. Products Loading Vapor Explos., LA CA ¹⁵¹⁸	--	10-12
33.	1959 -- June 02, Collision/Fire/Explos., Propane Gas Truck, ~Deer Lake, east PA ¹⁵¹⁹	--	11-12
34.	1990 -- Dec 11, Fog, Multiple-Vehicle Collisions, I-75 near Calhoun, TN ¹⁵²⁰	--	12
35.	1944 -- Nov 21, Car/Truck Collision, Butane Gas Tank Truck Explos., Denison, TX ¹⁵²¹	--	10
36.	1945 -- Jan 02, Fire/Explosion, Sun Oil Tanker <i>Sunoco</i> , off Sandy Hook, NJ ¹⁵²²	--	10
37.	1957 -- Jan 29, Vapor Explosion, Tanker SS <i>Jeanny</i> , Shipyard, Alameda, CA ¹⁵²³	--	10
38.	1957 - Mar 6, Navy Tanker <i>Mission San Francisco</i> & <i>Elna II</i> collis./explos., Del Ri., DE ¹⁵²⁴	--	10

Other:

1.	1919 -- Jan 26, Nitroglycerin explodes, wagon going through town of Big Heart, OK ¹⁵²⁵	--	8-9
2.	1988 -- Dec 23, Propane tanker hits wall explodes; parts hit house, cars, Memphis TN ¹⁵²⁶	--	9
3.	2005 -- Jan 6, Train Wreck and Chlorine Release, Graniteville, SC	--	9
4.	1978 -- Feb 26, Train Derailment, Fog, Chlorine Release, Youngstown, FL ¹⁵²⁷	--	8
5.	1981 -- Nov 14, hazardous material tanker sideswipes truck, explodes ~Canon City, CO ¹⁵²⁸	--	8
6.	1977 -- Sep 24, Gasoline Tank Truck Collision, St. Ft. 11, Beattyville, KY ¹⁵²⁹	--	7
7.	1982 -- Apr 07, HazMat Gasoline Truck Collision, Caldecott Tunnel, Oakland CA ¹⁵³⁰	--	7
8.	1971 -- Apr 02, Hazardous Materials Truck/Tank Incident, Berwick, ME	--	6
9.	1971 -- Jun 04, Hazardous Materials Truck/Car Collision/Explosion, ~Waco, GA	--	6

¹⁵¹⁰ Cross-listed in Rail and under Explosions.

¹⁵¹¹ Cross-listed in Explosions.

¹⁵¹² Cross-listed in Road and Highway incidents and in Rail.

¹⁵¹³ Cross-listed in Explosions and in Rail.

¹⁵¹⁴ Cross-listed in Maritime.

¹⁵¹⁵ Cross-listed in Explosions and in Rail.

¹⁵¹⁶ Cross-listed in Maritime.

¹⁵¹⁷ Cross-listed in Road and Highway incidents.

¹⁵¹⁸ Cross-listed in Explosions and in Maritime.

¹⁵¹⁹ Cross-listed in Explosions and in Road and Highway incidents.

¹⁵²⁰ Cross-listed in Fog as a contributing factor, and in Road and Highway incidents.

¹⁵²¹ Cross-listed in Explosions and in Road and Highway incidents.

¹⁵²² Cross-listed in Maritime.

¹⁵²³ Cross-listed in Explosions and in Maritime.

¹⁵²⁴ Cross-listed in Maritime.

¹⁵²⁵ Cross-listed in Explosions and in Road/Highway.

¹⁵²⁶ Cross-listed in Explosions and in Road/Highway/Vehicular Events.

¹⁵²⁷ Cross-listed in Rail.

¹⁵²⁸ Cross-listed in Road/Highway. Gasoline tanker ruptured/exploded burning to death 6 passengers in nearby car.

¹⁵²⁹ Cross-listed in Road/Highway.

¹⁵³⁰ Cross-listed in Road/Highway

10. 1976 -- May 11, Hazardous Materials Truck Tanker Wreck, I-610, Houston, TX -- 6
11. 1986 -- Jan 4, UF6 (uranium hexafluoride) cylinder rupture, Sequoyah Fuels Corp, OK-- 1

HAZARDOUS MATERIALS Transportation Incidents – CHRONOLOGICAL

1. 1833 -- May 19, St. *Lioness* Fire/Gunpowder Explos., Red River, Montgomery, LA¹⁵³¹-14-16
2. 1863 -- Aug 19, Steamer *City of Madison* ammunition Explosion, Vicksburg, MS¹⁵³²--50-163
3. 1881 -- Dec 26, Steamer *West Point* gasoline fumes explos., York Ri., West Point, VA¹⁵³³-19
4. 1891 -- May 19, Dynamite Explosion, Construction Train, near Tarrytown, NY¹⁵³⁴ -- 13
5. 1892 -- Jun 13, Mil. Munitions Explos., USS *Boston*, Mare Island Navy Yard, CA¹⁵³⁵ --14-16
6. 1893 -- Jan 21, Express Train Collides into Oil Cars/fire/explos., Wann, ~Alton, IL¹⁵³⁶-- 33

7. 1902 -- May 12, Explosion, Freight Train Oil and Naphtha Cars, Sheraden, PA¹⁵³⁷ --20-29
8. 1903 -- Mar 09, Train Wreck/Fire, delayed Oil/Gasoline Tanker Explos., Olean, NY¹⁵³⁸-- 17
9. 1904 -- Feb 19, Trains Collide, Dynamite Explodes, Jackson Station, NV¹⁵³⁹ -- 24
10. 1905 -- May 11, Trains Collide, Blasting Powder Explosion, Fire, S. Harrisburg PA¹⁵⁴⁰-- 23
11. 1907 -- Jan 19, Train Car Explosion (Powder), Big Four Railroad, Sandford, IN --29-34

12. 1913 -- Mar 07, Harbor/Ship (*Alum Chine*) Dynamite Explosion, Baltimore, MD¹⁵⁴¹ -- 55
13. 1915 -- Sep 27, Rail Tank Car Gasoline Explosion, Ardmore, OK¹⁵⁴² --40-44
14. 1916 -- Jan 4, Gas Fumes Explosion, Oil Tanker *Aztec Norge*, Erie Basin dock, NY¹⁵⁴³-- 13
- 1919 -- Jan 26, Nitroglycerin explodes, wagon going through town of Big Heart, OK¹⁵⁴⁴--8-9

15. 1926 -- Apr 11, Tanker *Gulf of Venezuela* Explosion, Port Arthur, TX¹⁵⁴⁵ -- 26

16. 1932 -- Feb 4, Explosion, Sun Oil Tanker *Bidwell* while cleaning, Marcus Hook, PA¹⁵⁴⁶-- 18

17. 1941 -- Mar 24, Oil Tanker *Cities Service Denver* Explosion/Fire, off NC/SC coast¹⁵⁴⁷-19-20
18. 1942 -- Oct 03, Gasoline Tanker, Wagon, Bus collide, explosion ~Lumberton, NC¹⁵⁴⁸ --11-12
19. 1944 -- July 17, Munitions Ships Explode while loading, Port Chicago, CA¹⁵⁴⁹ --320-325

¹⁵³¹ Cross-listed in Maritime.

¹⁵³² Cross-listed in Maritime.

¹⁵³³ Cross-listed in Maritime.

¹⁵³⁴ Cross-listed in Explosions and in Rail.

¹⁵³⁵ Cross-listed in Explosions and in Maritime.

¹⁵³⁶ Cross-listed in Hazardous Materials incidents.

¹⁵³⁷ Cross-listed in Explosions and in Rail.

¹⁵³⁸ Cross-listed in Explosions and in Rail.

¹⁵³⁹ Cross-listed in Explosions and in Rail.

¹⁵⁴⁰ Cross-listed in Explosions and in Rail.

¹⁵⁴¹ Cross-listed in Explosions and in Maritime.

¹⁵⁴² Cross-listed in Explosions and in Rail.

¹⁵⁴³ Cross-listed in Maritime.

¹⁵⁴⁴ Cross-listed in Explosions and in Road/Highway.

¹⁵⁴⁵ Cross-listed in Maritime.

¹⁵⁴⁶ Cross-listed in Maritime.

¹⁵⁴⁷ Cross-listed in Maritime. The cause of the explosion was undetermined.

¹⁵⁴⁸ Cross-listed in Road and Highway incidents.

¹⁵⁴⁹ Cross-listed under Explosions and in Maritime.

20. 1944 -- Oct 21, Vapor Explos./Fire, USN LSMs 211/212, Berth 223, LA Harbor, CA¹⁵⁵⁰ -- 16
 21. 1944 -- Nov 21, Car/Truck Collision, Butane Gas Tank Truck Explos., Denison, TX¹⁵⁵¹ -- 10
 22. 1945 -- Jan 02, Fire/Explosion, Sun Oil Tanker *Sunoco*, off Sandy Hook, NJ¹⁵⁵² -- 10
 23. 1947 -- Apr 16-17, Ammonium Nitrate Explosion, *Grandcamp*, Texas City, TX¹⁵⁵³ --581-600
 24. 1947 -- Jun 22, Tankship *Markay* Petrol. Products Loading Vapor Explos., LA CA¹⁵⁵⁴ --10-12
 25. 1947 -- Aug 05, Worker & Gasoline Trucks Collide and Burn, ~Waxahachie, TX¹⁵⁵⁵ -- 19

HAZARDOUS MATERIALS Transportation Incidents – CHRONOLOGICAL

26. 1950 -- May 25, Collision, Green Hornet Trolley & Gasoline Tank Truck, Chicago IL -- 34
 27. 1956 -- Jan 17, Tanker *SS Salem Maritime* Gasoline Explosion/Fire, Lake Charles, LA¹⁵⁵⁶ --21
 28. 1957 -- Jan 29, Vapor Explosion, Tanker *SS Jeanny*, Shipyard, Alameda, CA¹⁵⁵⁷ -- 10
 29. 1957 - Mar 6, Navy Tanker *Mission San Francisco & Elna II* collis./explo., Del Ri., DE¹⁵⁵⁸ --10
 30. 1959 -- Jun 02, Collision/Fire/Explos., Propane Gas Truck, ~Deer Lake, east PA¹⁵⁵⁹ --11-12
 31. 1959 -- Jun 28, Train Derailment, LPG-Tank Rupture, Flash-Fire, Meldrim, GA -- 23
 32. 1959 -- Aug 07, Bldg. Fire leads to parked truck Dynamite Explosion, Roseburg, OR¹⁵⁶⁰ -- 14
33. 1960 -- Mar 01, Train and Oil Tank Truck Collision, Fire, Bakersfield, CA -- 14
- 1971 -- Apr 02, Hazardous Materials Truck/Tank Incident, Berwick, ME -- 6
 1971 -- Jun 04, Hazardous Materials Truck/Car Collision/Explosion, ~Waco, GA -- 6
34. 1973 -- Jul 05, Propane Gas Railcar Fire/Explosion (Doxel Gas Co., Kingman AZ¹⁵⁶¹ -- 13
 35. 1974 -- Apr 9, Explosions, Oil Tanker *S.S. Elias*, Delaware River, Fort Mifflin, PA¹⁵⁶² -- 13
 36. 1975 -- Apr 29, Surtigas, S.A.LP Gas Tank Truck Wreck, 277, Eagle Pass, TX -- 19
 1976 -- May 11, Hazardous Materials Truck Tanker Wreck, I-610, Houston, TX -- 6
 1977 -- Sep 24, Gasoline Tank Truck Collision, St. Ft. 11, Beattyville, KY -- 7
 37. 1978 -- Feb 24, LPG Tank Car Explosion, Waverly, TN -- 16
 1978 -- Feb 26, Train Derailment, Fog, Chlorine Release, Youngstown, FL -- 8
- 1981 -- Nov 14, hazardous material tanker sideswipes truck, explodes ~Canon City, CO¹⁵⁶³ --8
 1982 -- Apr 07, HazMat Gasoline Truck Collision, Caldecott Tunnel, Oakland CA -- 7
 1986 -- Jan 4, UF6 (uranium hexafluoride) cylinder rupture, Sequoyah Fuels Corp, OK-- 1
 1988 -- Dec 23, Propane tanker hits wall explodes; parts hit house, cars, Memphis TN¹⁵⁶⁴ -- 9

¹⁵⁵⁰ Cross-listed in Explosions and in Maritime.

¹⁵⁵¹ Cross-listed in Explosions and in Road and Highway incidents.

¹⁵⁵² Cross-listed in Maritime.

¹⁵⁵³ Cross-listed in Explosions, in Fire, and in Maritime.

¹⁵⁵⁴ Cross-listed in Explosions and in Maritime.

¹⁵⁵⁵ Cross-listed in Road and Highway Incidents.

¹⁵⁵⁶ Cross-listed in Explosions and Maritime.

¹⁵⁵⁷ Cross-listed in Explosions and in Maritime.

¹⁵⁵⁸ Cross-listed in Maritime.

¹⁵⁵⁹ Cross-listed in Explosions and in Road and Highway incidents.

¹⁵⁶⁰ Cross-listed in Explosions.

¹⁵⁶¹ Cross-listed in Explosions and in Rail.

¹⁵⁶² Cross-listed in Maritime.

¹⁵⁶³ Cross-listed in Road/Highway. Gasoline tanker ruptured/exploded burning to death 6 passengers in nearby car.

¹⁵⁶⁴ Cross-listed in Explosions and in Road/Highway/Vehicular Events.

38. 1990 -- Dec 11, Fog, Multiple-Vehicle Collisions, I-75 near Calhoun, TN	--	12
2005 -- Jan 6, Train Wreck/Chlorine Release, Graniteville SC	--	9

HEAT – By MORTALITY

1. 1936 -- July-Aug, Heat, CA, IA, IL, IN, KS, MI, MN, MO, NY, OH, OK, WI ~5,000
2. 1901 -- June-July, Heat waves, except Pacific NW, esp. Northeast, June 27-July 6 --4,012
3. 1966 -- July, Heat Wave and “excess deaths,” esp. IL, NYC, St. Louis, MO ~2,582-2,954
4. 1931 -- Jun-Sep, Heat Waves/excessive heat, West, Midwest, NE, esp. IL, IA, WI 2,768
5. 1911 -- Heat waves/excessive heat deaths, esp. June 4-23, July 1-13, esp. MW, NE ~2,190
6. 1980 -- June-Sep, Heat, esp. Midwest & So. Plains, esp. MO/TN/AR/TX/MS¹⁵⁶⁵ 1,863-1,904
7. 1934 -- Mid-Jul-Mid-Aug Heat Waves, esp. Midwest, esp. IL, KS, MO, OH 1,425-1,683
8. 1995 -- June-Aug, esp. July 12-17, Heat, esp. IL/>700 WI/154 PA/146 MO/58 1,563-1,601
9. 1896 -- Jul 30 -Aug 17, Heat Wave, especially, IL, MD, MO, NJ, NY, OH, PA, WI 1,370
10. 1900 -- July-Aug (esp.) Heat, esp. NY/361 NJ/119 Chicago/102 St. Louis/90 Balt./62 --1,266

11. 1939 -- June-Sep, Heat, esp. Sep 15-23, Los Angeles (546), TX (42), MO (37)¹⁵⁶⁶ --527-1,073
12. 1999 -- June-Aug esp., esp. July, Heat, esp. IL/141 MO/92 PA/90 AZ/57 TX/42 NY/40-1,050
13. 1955 -- Aug 31–Sep 9, Heatwave/excessive deaths, greater Los Angeles, CA¹⁵⁶⁷ --115- 946
14. 1988 -- Heat, June 1-Aug 31 especially; esp. IL/341; MI/121; IN/~44; MO/~44 --911-919
15. 2006 -- June-Aug esp., Heat, esp. CA/184 AZ/169 NY/148 TX/106 MD/44 IL/43 PA/32-≥912
16. 1916 -- Jun 18-Aug 22, Heat Waves, esp. Chicago, Detroit, Milwaukee, St. Louis, NY-- ~895
17. 1972 -- July 11-25, Heat Wave, New York City, NY -- 891
18. 2005 -- June-Aug esp., Heat, esp. AZ/244, NYC/~140, TX/112, CA/55, MD/47, PA/26-- 847
19. 2011 -- June-Aug esp., Heat, esp. AZ/177 TX/126 MO/52 PA/40 IL/35 MD/34 OK/33--719-725
20. 2010 -- June-Aug esp., Heat, esp. AZ/186 TX/65 CA/36 MD/32 MO/26 MS/24 PA/24 -- 627
21. 2012 -- Summer esp. Heat, esp. AZ/157, MO/52, MD/46, CA/45, TX/40, IL/33, WI/24-- 598
22. 1983 -- July-Aug esp., Heat (esp. July 15-30) esp. MO/70 KY/57 IL/53 GA/35 TX/35--595-597
23. 1903 -- June-Aug (esp. July 1-11), Heat, esp. NY/144, NJ/60, IN/17, Chicago/15, CT/18-520
24. 1881 -- July 10-24, Heat-wave, Sunstroke, Dayton, Pittsburgh, esp. Cincinnati, OH -- ~480
25. 1925 -- May 31-Jun 7, Heat Wave, Northeast Coast, esp. NYC and State -- 475
26. 2002 -- June-Aug esp., Heat, esp. AZ/130 MD/50 PA/42 IL/40 TX/39 CA/36 MI/27 -- 471
27. 2007 -- June-Aug esp., Heat, esp. AZ/132 CA/62 TX/43 MO/34 MD/20 TN/19 SC/16-- 438
28. 1998 -- June-Aug, Heat, esp. July, esp. TX/120 AZ/74 LA/41 CA/32 OK/32 FL&IL/18-- 435
29. 1872 -- July 1-7, Heatwave and Sunstroke, Boston, DC, Philadelphia, NJ, NYC --≥ 428
30. 2013 -- Summer esp., Heat, esp. AZ/151 CA/47 NV/45 TX/35 NY/26 FL/17 MD/15 -- 418
31. 2009 -- June-Aug esp., Heat, esp. AZ/156, CA/55, TX/47, FL/24, IL/16, MO & TN/11-- 402
32. 1986 -- June-Aug, Heat, esp. GA/41 TX/38 IL/30 AR/25 MS/23 CA/22 SC/22 NC/20 -- ≥400

¹⁵⁶⁵ Our range is based on a State by State tally using best available sources which actually counted deaths. There are “estimates” for 1980 of 2,000-10,000 deaths, for which we find no explanation of how the estimates were made. We suspect they were based on looking at spikes in deaths during high heat, and attributing a percentage of the spikes to heat, at least as a contributing or aggravating factor. No doubt it is true that spikes in deaths during high heat can be associated with the heat. However, we seek to provide tallies based on counting, as opposed to estimating.

¹⁵⁶⁶ Low-end of range is from Census Bureau and reflects death certificates listing heat as primary cause of death. High-end of range reflects results of Dept. of Public Health funded study of late Sep heat wave deaths in So. CA, in which 546 excess deaths above the norm were reported during 9-day “hot spell.”

¹⁵⁶⁷ The figure 115 refers to reporting by LA Coroner’s Office of deaths directly attributable to the heat. The larger number is undoubtedly a compilation of the daily “above-the-norm” deaths (compared to the previous year) reported by the Coroner. At the beginning of the heatwave it was dozens higher than the previous year. At the end it was hundreds. Some source (which the four sources we cite copy) has apparently compiled those figures to obtain 946.

33. 1913 -- June 25-July 1, Heat Wave, esp. IL, IN, IA, MI, MN, MO, OH, PA, WI --249-394
34. 2008 -- June-Aug esp., Heat, esp. AZ/112 TX/66 CA/42 PA/27 NV/19 NC/18 MD/17 -- 393
35. 1987 -- Summer Heat, esp. Philadelphia/50, MO/28, FL/24, GA/24, TX/23, AR/21¹⁵⁶⁸-- 388
36. 1868 -- July 13-18, Excessive Heat, Sunstroke, esp. Baltimore, MO, NJ, NY, PA -- 384
37. 2001 -- June-Aug esp., Heat, esp. AZ/74, MO/40, Chicago/36, PA/28, WI/24 CA&TX/23--378
38. 1898 -- Sep 1-7, Heat Wave, Baltimore, Chicago, NJ, OH, RI, Philly, esp. NYC -- 365
39. 2003 -- June-Aug esp., Heat, especially AZ/153, TX/63, CA/35, FL/18, MO/17 -- 351
40. 1981 -- June-Aug (esp.), Heat, esp. CA/44, GA/32, TX/23, OR/19, AZ/17, NY/16 -- \geq 345
41. 2015 -- June-Aug (esp.), Heat, especially AZ/58; TN/47; NV/44; CA/38; TX/38 -- 339
42. 2000 -- June-Aug, esp., Heat, esp. TX/77, AZ/66, CA/43, LA/23, MO/22, PA/17 MS/16--333
43. 1853 -- Aug 9-15, Heat Wave, New York City, Brooklyn, NY, Jersey City, NJ --308-324
44. 2004 -- June-Aug especially, Heat, especially AZ/130, TX/53, CA/31, FL/23, NV/14 -- \geq 319
45. 1993 -- June-Aug (esp.), Heat, especially July 6-16 Philadelphia Heatwave (118) -- 311
46. 1990 -- June-Aug, esp., Heat, esp. CA/44 deaths AZ/30 TX/29 LA/21 AR/17 MS/14 -- 300

HEAT -- By MORTALITY (cont.)

47. 1902 -- June-Aug (especially July) Heat, especially NY/46, Pittsburgh/18, MA/12 -- 290
48. 1996 -- June-Aug esp., Heat, especially AZ/54, CA/40, TX/39, OK/15, GA/11, IL/10 -- 249
49. 2014 -- Apr-Oct esp., Heat, (\geq 30 young children) 19 States esp. AZ/~86, CA/37, NV/28--244
50. 1904 -- June-Aug, Heat, especially NY (48), MA (25), NJ (25) and MI (12) -- 235
51. 1984 -- June-early Sep, Heat, especially CA/53, TX/23, AZ/16, PA/15, NY/14 -- 228
52. 1985 -- Summer Heat ICD-9 E900 (Excessive Heat/Hyperthermia), esp. CA/29; GA/26-- 227
53. 1994 -- June-Aug esp., Heat, esp. AZ/47 (esp. July), CA/33, PA/22 (esp. July 5-10), TX/16-- 221
54. 1989 -- June-Aug (esp.), Heat, esp. CA/32, TX/23, MO/~18, AZ/15, MS/10 -- 201
55. 1991 -- June-Aug (esp.), Heat, esp. July 15-27 Philadelphia Heat Wave (31); TX (25) -- 200

56. 1982 -- June-Aug (esp.), Heat (ICD Code E900, Excessive heat/hyperthermia) -- 196
57. 1997 -- June-Aug esp., Heat, especially PA/36 IL/29 AZ/23 TX/22 CA/19 LA/11 -- 182
58. 1926 -- July 18-24, Heat Wave, West, Mid-West, Mid-Atlantic, esp. Northeast ---160-180
59. 1910 -- Jun 15-28, Heat Wave, esp. IL, IN, KS, MD, MI, MO, NJ, NY, OH, PA, WI -- 165
60. 1927 -- July 12-17, Heat Wave, especially the East, especially NJ, NY, PA --126-161
61. 1992 -- July-Aug (especially), Heat; especially CA/37, TX/20, AZ, GA, MS 10 each -- 155
62. 1947 -- Aug 3-7, Heat Wave, esp. AL, AR, IA, IL, IN, KY, MO, OH, NE, WI --145-152
63. 1892 -- June-July, Heat-Related Deaths, Midwest, Northeast, esp. NYC, NY -- 151
64. 1930 -- July-Aug, Heat Waves, especially District of Columbia, MD, PA -- 150
65. 1979 -- June Aug esp., Heat, ICD-9 E900 excessive heat/hyperthermia, esp. CA/AZ/TX--148
66. 1948 -- Aug/Sep Heat, Particularly NYC and Philadelphia -- 147
67. 1909 -- Aug 9-17, Heat, Midwest and Northeast, esp. IL, MO, NB, NY, PA -- 141
68. 1938 -- Jul 28-Aug 15, Heat, especially AZ, CA, New England, NY, PA -- 127

69. 1854 -- June 29-July 23, Heat, especially St. Louis, MO and NYC, NY -- 91
70. 1885 -- July 15-26, Heat, Philadelphia, PA -- 40
71. 1878 -- Summer, Heat, Cincinnati, OH -- ~10

¹⁵⁶⁸ Does not include 18 illegal immigrants who died of dehydration and heat in locked RR car, Sierra Blanca, TX.

HEAT – CHRONOLOGICAL

1. 1853 -- Aug 9-15, Heat Wave, New York City, Brooklyn, NY, Jersey City, NJ --308-324
2. 1854 -- June 29-July 23, Heatwaves and Sunstrokes, esp. St. Louis, MO; NYC, NY -- 91

3. 1868 -- July 13-18, Excessive Heat, Sunstroke, esp. Baltimore, MO, NJ, NY, PA -- 384

4. 1872 -- July 1-7, Heatwave and Sunstroke, Boston, DC, Philadelphia, NJ, NYC --> 428
5. 1878 -- Summer, Intense Heat, Sunstroke, Cincinnati, OH -- ~10

6. 1881 -- July 10-24, Heat-wave, Sunstroke, Dayton, Pittsburgh, esp. Cincinnati, OH -- ~480
7. 1885 -- July 15-26, Excessive Heat, Philadelphia, PA -- 40

8. 1892 -- June-July, Heat-Related Deaths, Midwest, Northeast, esp. NYC, NY -- 151
9. 1896 -- Jul 30 -Aug 17, Heat Wave, especially, IL, MD, MO, NJ, NY, OH, PA, WI --1,370
10. 1898 -- Sep 1-7, Heat Wave, Baltimore, Chicago, NJ, OH, RI, Philly, esp. NYC -- 365

11. 1900 -- July-Aug (esp.) Heat, esp. NY/361 NJ/119 Chicago/102 St. Louis/90 Balt./62 --1,266
12. 1901 -- June-July, Heat waves, except Pacific NW, esp. Northeast, June 27-July 6 --4,012
13. 1902 -- June-Aug (especially July) Heat, especially NY/46, Pittsburgh/18, MA/12 -- 290
14. 1903 -- June-Aug (esp. July 1-11), Heat, esp. NY/144, NJ/60, IN/17, Chicago/15, CT/18- 520
15. 1904 -- June-Aug, Heat, especially NY (48), MA (25), NJ (25) and MI (12) -- 235
16. 1909 -- Aug 9-17, Heat Wave, Midwest and Northeast, esp. IL, MO, NB, NY, PA -- 141

17. 1910 -- Jun 15-28, Heat Wave, esp. IL, IN, KS, MD, MI, MO, NJ, NY, OH, PA, WI -- 165
18. 1911 -- Heat waves/excessive heat deaths, esp. June 4-23, July 1-13, esp. MW, NE ~2,190
19. 1913 -- June 25-July 1, Heat Wave, esp. IL, IN, IA, MI, MN, MO, OH, PA, WI --249-394
20. 1916 -- Jun 18-Aug 22, Heat Waves, esp. Chicago, Detroit, Milwaukee, St. Louis, NY-- ~895

21. 1925 -- May 31-Jun 7, Heat Wave, Northeast Coast, esp. NYC and State -- 475
22. 1926 -- July 18-24, Heat Wave, West, Mid-West, Mid-Atlantic, esp. Northeast ---160-180
23. 1927 -- July 12-17, Heat Wave, especially the East, especially NJ, NY, PA --126-161

24. 1930 -- July-Aug, Heat Waves, especially District of Columbia, MD, PA -- 150
25. 1931 -- Jun-Sep, Heat Waves/excessive heat, West, Midwest, NE, esp. IL, IA, WI --2,768
26. 1934 -- Mid-Jul-Mid-Aug Heat Waves, esp. Midwest, esp. IL, KS, MO, OH --1,425-1,683
27. 1936 -- July-Aug, Heat, CA, IA, IL, IN, KS, MI, MN, MO, NY, OH, OK, WI ---~5,000
28. 1938 -- Jul 28-Aug 15, Heat Waves, Nation, esp. AZ, CA, New Eng., NY, PA -- 127
29. 1939 -- June-Sep, Heat, esp. Sep 15-23, Los Angeles (546), TX (42), MO (37)¹⁵⁶⁹ --527-1,073

30. 1947 -- Aug 3-7, Heat Wave, esp. AL, AR, IA, IL, IN, KY, MO, OH, NE, WI --145-152
31. 1948 -- Aug/Sep Heat Wave, Particularly NYC and Philadelphia -- 147

¹⁵⁶⁹ Low-end of range is from Census Bureau and reflects death certificates listing heat as primary cause of death. High-end of range reflects results of Dept. of Public Health funded study of late Sep heat wave deaths in So. CA, in which 546 excess deaths above the norm were reported during 9-day “hot spell.”

32. 1955 -- Aug 31–Sep 9, Heatwave/excessive deaths, greater Los Angeles, CA¹⁵⁷⁰ --115- 946

HEAT – CHRONOLOGICAL – Continued

33. 1966 -- July, Heat Wave and “excess deaths,” esp. IL, NYC, St. Louis, MO ~2,582-2,954

34. 1972 -- July 11-25, Heat Wave, New York City, NY -- 891

35. 1979 -- June Aug esp., Heat, ICD-9 E900 excessive heat/hyperthermia, esp. CA/AZ/TX--148

36. 1980 -- Jun-Sep, Heat, esp. Midwest & So. Plains, esp. MO/TN/AR/TX/MS¹⁵⁷¹ --1,863-1,904

37. 1981 -- June-Aug (esp.), Heat, esp. CA/44, GA/32, TX/23, OR/19, AZ/17, NY/16 -- ≥345

38. 1982 -- June-Aug (esp.), Heat (ICD Code E900, Excessive heat/hyperthermia) -- 196

39. 1983 -- July-Aug esp., Heat (esp. July 15-30) esp. MO/70 KY/57 IL/53 GA/35 TX/35-595-597

40. 1984 -- June-early Sep, Heat, especially CA/53, TX/23, AZ/16, PA/15, NY/14 -- 228

41. 1985 -- Summer Heat, ICD-9 E900 (Excessive Heat/Hyperthermia), esp. CA/29; GA/26--227

42. 1986 -- June-Aug, Heat, esp. GA/41 TX/38 IL/30 AR/25 MS/23 CA/22 SC/22 NC/20 -- ≥400

43. 1987 -- Summer Heat, esp. Philadelphia/50, MO/28, FL/24, GA/24, TX/23, AR/21¹⁵⁷²-- 388

44. 1988 -- Heat, June 1-Aug 31 especially; esp. IL/341; MI/121; IN/~44; MO/~44 --911-919

45. 1989 -- June-Aug (esp.), Heat, esp. CA/32, TX/23, MO/~18, AZ/15, MS/10 -- 201

46. 1990 -- June-Aug, esp., Heat, esp. CA/44 deaths AZ/30 TX/29 LA/21 AR/17 MS/14 -- 300

47. 1991 -- June-Aug (esp.), Heat, esp. July 15-27 Philadelphia Heat Wave (31); TX (25) -- 200

48. 1992 -- July-Aug (especially), Heat; especially CA/37, TX/20, AZ, GA, MS 10 each -- 155

49. 1993 -- June-Aug (esp.), Heat, especially July 6-16 Philadelphia Heatwave (118) -- 311

50. 1994 -- June-Aug esp., Heat, esp. AZ/47 (esp. July), CA/33, PA/22 (esp. July 5-10), TX/16-- 221

51. 1995 -- June-Aug, esp. July 12-17, Heat, esp. IL/>700 WI/154 PA/146 MO/58 --1,563-1,601

52. 1996 -- June-Aug esp., Heat, especially AZ/54, CA/40, TX/39, OK/15, GA/11, IL/10 -- 249

53. 1997 -- June-Aug esp., Heat, especially PA/36 IL/29 AZ/23 TX/22 CA/19 LA/11 -- 182

54. 1998 -- June-Aug, Heat, esp. July, esp. TX/120 AZ/74 LA/41 CA/32 OK/32 FL&IL/18-- 435

55. 1999 -- June-Aug esp., esp. July, Heat, esp. IL/141 MO/92 PA/90 AZ/57 TX/42 NY/40-1,050

56. 2000 -- June-Aug, esp., Heat, esp. TX/77, AZ/66, CA/43, LA/23, MO/22, PA/17 MS/16--333

57. 2001 -- May ~24, Illegal immigrants abandoned by smugglers die of heat, AZ desert¹⁵⁷³-- 14

58. 2001 -- June-Aug esp., Heat, esp. AZ/74, MO/40, Chicago/36, PA/28, WI/24 CA&TX/23--378

59. 2002 -- June-Aug esp., Heat, esp. AZ/130 MD/50 PA/42 IL/40 TX/39 CA/36 MI/27 -- 471

60. 2003 -- June-Aug esp., Heat, especially AZ/153, TX/63, CA/35, FL/18, MO/17 -- 351

61. 2004 -- June-Aug especially, Heat, especially AZ/130, TX/53, CA/31, FL/23, NV/14 -- ≥319

¹⁵⁷⁰ The figure 115 refers to reporting by LA Coroner’s Office of deaths directly attributable to the heat. The larger number is undoubtedly a compilation of the daily “above-the-norm” deaths (compared to the previous year) reported by the Coroner. At the beginning of the heatwave it was dozens higher than the previous year. At the end it was hundreds. Some source (which the four sources we cite copy) has apparently compiled those figures to obtain 946.

¹⁵⁷¹ Our range is based on a State by State tally using best available sources which actually counted deaths. There are “estimates” for 1980 of 2,000-10,000 deaths, for which we find no explanation of how the estimates were made. We suspect they were based on looking at spikes in deaths during high heat, and attributing a percentage of the spikes to heat, at least as a contributing or aggravating factor. No doubt it is true that spikes in deaths during high heat can be associated with the heat. However, we seek to provide tallies based on counting, as opposed to estimating.

¹⁵⁷² Does not include 18 illegal immigrants who died of dehydration and heat in locked RR car, Sierra Blanca, TX.

¹⁵⁷³ Not included in Summer Heat, especially June-August.

62. 2005 -- June-Aug esp., Heat, esp. AZ/244, NYC/~140, TX/112, CA/55, MD/47, PA/26-- 847
63. 2006 -- June-Aug esp., Heat, esp. CA/184 AZ/169 NY/148 TX/106 MD/44 IL/43 PA/32-≥912
64. 2007 -- June-Aug esp., Heat, esp. AZ/132 CA/62 TX/43 MO/34 MD/20 TN/19 SC/16-- 438
65. 2008 -- June-Aug esp., Heat, esp. AZ/112 TX/66 CA/42 PA/27 NV/19 NC/18 MD/17-- 393
66. 2009 -- June-Aug esp., Heat, esp. AZ/156, CA/55, TX/47, FL/24, IL/16, MO & TN/11-- 402
67. 2010 -- June-Aug esp., Heat, esp. AZ/186 TX/65 CA/36 MD/32 MO/26 MS/24 PA/24 -- 627
68. 2011 -- June-Aug esp., Heat, esp. AZ/177 TX/126 MO/52 PA/40 IL/35 MD/34 OK/33--719-725
69. 2012 -- Summer esp. Heat, esp. AZ/157, MO/52, MD/46, CA/45, TX/40, IL/33, WI/24-- 598
70. 2013 -- Summer esp., Heat, esp. AZ/151 CA/47 NV/45 TX/35 NY/26 FL/17 MD/15 -- 418
71. 2014 -- Apr-Oct esp., Heat, (≥30 young children) 19 States esp. AZ/~86, CA/37, NV/28--244
72. 2015 -- June-Aug (esp.), Heat, especially AZ/58; TN/47; NV/44; CA/38; TX/38 -- 339

HURRICANES & Tropical Storms – Deadliest American -- By MORTALITY

1.	1900 -- Sep 9, Hurricane, Galveston and southeast coastal area, TX	--7,200-12,000
2.	1899 -- Aug 8-19, San Ciriaco Hurricane, especially Puerto Rico and NC	-- ~3,477
3.	1928 -- Sep 6-20, Hurricane, Flood, Southeast FL/Great Okeechobee, FL	--3,000
4.	1893 -- Aug 27-29, Hurricane, Sea Islands, SC-GA	--1,000-2,500
5.	1893 -- Oct 1-2, Hurricane Cheniere Caminanda, MS, AL, esp. LA	-1,700-2,000
6.	2005 -- Aug 25-31, Hurricane Katrina, FL, LA, esp. NOLA & MS ¹⁵⁷⁴	--≥1,833-1,836
7.	1553 -- Hurricane, Lower Coast of TX	--1,700
8.	1919 -- Sep 10-14 --Hurricane, Florida Keys, Gulf & Corpus Christi area, TX	--727-1,131
9.	1818 -- Sep 12, Hurricane, Galveston, TX	<1000
10.	1938 -- Sep 20-21, New England Hurricane (Long Island Express), Northeast	--600-766
11.	1881 -- Aug 27, Savannah Hurricane, GA & SC	-- <700
12.	1873 -- Aug 14-27, “Nova Scotia” Hurricane	-- >600
13.	1957 -- June 25-28, Hurricane Audrey, SW LA, TX, South Central US	--535-550
14.	1804 -- Sep 7-9, Hurricane, esp. areas of Savannah, GA, Charleston, SC, maritime	-- ~500
15.	1935 -- Sep 2, Labor Day Hurricane, Florida Keys, FL	-- 500
16.	1683 -- Unnamed, Florida East Coast	-- 496
17.	1915 -- Aug 16-17, 20, Hurricane/Tropical Storm, Gulf, SE Coast, TX, MO	--275-432
18.	1875 -- Sep 15-16, TX Hurricane, Matagorda Bay-Sabine Pass, esp. Indianola TX	--176-420
19.	1944 -- Sep 9–15, Northeast “Great Atlantic Hurricane,” esp. Maritime; MA ¹⁵⁷⁵	--390-412
20.	1926 -- Sep 17–18, Great Miami Hurricane, FL (also Sep 20, FL, AL, MS)	--372-408
21.	1856 -- Aug 10-11, Hurricane, Isle Derniere (Last Island), LA (<i>Nautilus</i> lost)	--140-400
22.	1909 -- Sep 20-21, Grand Isle, LA, MS	--350-353
23.	1969 -- Aug 17-22, Hurricane Camille, especially MS, South/SE LA, VA	--291-336
24.	1906 -- Oct 18-21, Hurricane, Florida Keys and Maritime, FL	--211-328
25.	1928 -- Sep 13, San Felipe Segundo Hurricane, Puerto Rico ¹⁵⁷⁶	-- 312
26.	1955 -- Aug 18-19, Hurricane Diane, Category 1, Northeast U.S.	--180-310
27.	1822 -- Sep 27-28, Carolinas	-- 300
28.	1915 -- Sep 29-Oct 1, Hurricane, LA and MS Coasts	--275-279
29.	1527 -- Nov, Hurricane, Matagorda Bay, TX	-- 200
30.	1785 -- Sep 02, Hurricane, Immigrant Ship <i>Faithful Steward</i> Sinks, Coast of DE ¹⁵⁷⁷	-- >200
31.	1819 -- July 27-28, Bay St. Louis Hurricane, Mobile AL (also LA and MS)	--43-200
32.	2012 -- Oct 29-30, Hurricane Sandy, Mid-Atlantic, esp. NY, NJ, also PA, MD, CT, WV ¹⁵⁷⁸	--154-182
33.	1898 -- Oct 2, GA, SC, NC	-- 180
34.	1775 -- Sep 2-6, NC, VA	-- 163
35.	1886 -- Oct 12-13, Hurricane/Tropical Storm, East Texas	-- 150
36.	1849 -- Oct 6-7, Hurricane/Severe Strm., <i>St. John & Levi Woodbury</i> wreck, MA	-- 143

¹⁵⁷⁴ There were 2 deaths in AL and 2 in GA. The numbers reflect those generally reported. We note “≥” (at least) in that there still are over 100 missing and presumed dead, as well as unreported health-related indirect deaths.

¹⁵⁷⁵ Cross-listed in Maritime in that 340-344 of the fatalities were crew of five U.S. Navy and USCG ships.

¹⁵⁷⁶ Same hurricane hit FL three days later. In that the “Great Okeechobee Hurricane and Flood” receives more attention -- due to very large loss of life -- and overshadows PR loss of life, we treat the hurricane separately here.

¹⁵⁷⁷ Cross-listed in Maritime.

¹⁵⁷⁸ The range is explained by one NYC death which is not on NYC official list, and 27 NJ deaths reported in aggregate (not individually identifiable), reported during roughly 2nd to 7th month afterwards by NJ MEO.

37. 1972 -- June 18-26, Hurricane/Tropical Storm Agnes and Flooding, East Coast --138-140
 38. 1906 -- Sep 27, MS, AL, Northwest FL -- 134
 39. 1896 -- Sep 28-29, "Cedar Key" Hurricane, FL, GA, SC, VA -- 130
 40. 1903 -- Sep 14-17, Atlantic Coast Hurricane, NC, VA, DE, NJ, NY, ME --57-125
 41. 2005 -- Sep 22-24, Hurricane Rita, FL Keys, Louisiana and especially Texas --111-124
 42. 1992 -- Aug 24, 26, Hurricane Andrew, FL (89-90) esp. Dade Co., and LA (17) --106-107
 43. 2017 -- Sep 6, Hurricane Irma, PR, US Virgin Isl.; Sep 10-11, GA, SC, NC, esp. FL -- 107
 44. 1800 -- ~Sep, Revenue Cutter Brig USS *Pickering* Lost, Gale/Hurricane off FL¹⁵⁷⁹ --70-105
 45. 1965 -- Sep 7-10, Hurricane Betsy, SE FL, esp. LA (levee break), also AR, MS --93-105
 46. 1752 -- Sep 15, Hurricane, esp. Charleston, SC and Johnston, NC -- 103
 47. 1954 -- Oct 15-16, Hurricane Hazel, Mid and North Atlantic Coast --95-103
 48. 1554 -- April, Hurricane, today's Brownsville, TX --50-100
 49. 1700 -- Sep 14, Hurricane, *Rising Sun* wrecked, Ashley River bar, Charleston, SC¹⁵⁸⁰ -- ~100
 50. 1812 -- Aug 19-20, New Orleans, LA -- 100
 51. 1824 -- Sep 14-15, GA -- 100
 52. 1837 -- Oct 9, Hurricane Racer's Storm, Steamer *Home* Founders off Ocracoke NC¹⁵⁸¹ 90-100
 53. 1867 -- Oct 1-3 or 7-8, Hurricane E. TX Coast, esp. Brownsville & Matamoros -->25-100

HURRICANES and Tropical Storms– Deadliest American -- By MORTALITY (Cont.)

54. 1939 -- Sep 25, Tropical Storm, Long Beach/San Pedro, CA¹⁵⁸² -- 93
 55. 2008 -- Sep 12-14,¹⁵⁸³ Hurricane Ike, AR, IL, IN, KY, LA, MI, OH, PA, TN, esp. TX -- ≥92
 56. 1846 -- Oct 12, Great Havana Hurricane, Florida, esp. Keys, East Coast to NY --60-90
 57. 1863 -- Aug 21, USS *Bainbridge* Capsizes, Hurricane, off Cape Hatteras, NC¹⁵⁸⁴ --80-90
 58. 1999 -- Sep 15-17, Hurricane Floyd, Mid Atlantic, Northeast, particularly NC --88-89
 59. 2017 -- Aug 25-30, Hurricane/Tropical Storm Harvey, Southeast TX, esp. Houston -- ≥89
 60. 1989 -- Sep 18 (Puerto Rico); 21-22 (SC/NC), Hurricane Hugo, also VA, NY, USVI --59-86
 61. 1916 -- July 15-16, Tropical Storm, Flooding SC, VA, TN, WV, esp. NC --26-80
 62. 1985 -- Nov 4-5, Flooding, Hurricane Juan remnants, WV, VA, PA, MD (esp. WV)¹⁵⁸⁵ --71-74
 63. 1870 -- Oct 20, Hurricane, Steamer *Varuna* Capsizes, 35M NE of Jupiter Inlet, FL¹⁵⁸⁶ --36-72
 64. 1878 -- Oct 21-24, Hurricane/Land & Maritime, NC, VA, MD, DE, PA, NJ, CT¹⁵⁸⁷ --70-72
 65. 2004 -- Sep 15-18, Hurricane Ivan, Tornadoes, AL, GA, MD, MS, NC; esp. FL --51-72
 66. 1713 -- Sep 16-17, Hurricane, Charleston and vicinity, South Carolina -- 70
 67. 1844 -- Aug 6, Tropical Cyclone, Brownsville, TX -- 70
 68. 1880 -- Aug 28, *City of Vera Cruz* Sinks in Hurricane off Mosquito Inlet, FL¹⁵⁸⁸ -- 68

¹⁵⁷⁹ Cross-listed in Maritime.

¹⁵⁸⁰ Cross-listed in Maritime.

¹⁵⁸¹ Cross-listed in Maritime.

¹⁵⁸² Cross-listed in Flooding

¹⁵⁸³ NWS has Ike's life as Sep 1-14. We use Sep 12-14 in that the storm was off Texas coast on the 12th when deaths started occurring, making landfall the morning of Sep 13. The storm remnants moved up through the Midwest and easterly into southern Ontario and Quebec, Canada leading to direct loss of life due to flooding and high-wind tree/branch fall deaths through the 14th. Brown, et al. "Atlantic Hurricane Season of 2008," MWR, 5-2010.

¹⁵⁸⁴ Cross-listed in Maritime.

¹⁵⁸⁵ Cross-listed in Flooding. This is a separate entry from the Oct 27-31 entry for Hurricane Juan in the Gulf Coast and coastal Louisiana.

¹⁵⁸⁶ Cross-listed in Maritime.

¹⁵⁸⁷ Cross-listed in Maritime (54 maritime fatalities)

69.	1954 -- Aug 31, Hurricane Carol, New England Coastal States, Category 3	--45-68
70.	1975 -- Sep 16-27, ¹⁵⁸⁹ TS/Hurricane Eloise & remnants, PR, FL Gulf (23 rd), US East	-- 68
71.	1879 -- Aug 18-19, Hurricane, SC, NC, MD, PA, DE, NJ, NY, CT, MA ¹⁵⁹⁰	--46-67
72.	1940 -- Aug 11-13, Hurricane, GA, SC, NC, VA, TN	-- 65
73.	2004 -- Sep 5-8, Hurricane Frances, FL, GA, SC, NC, OH (esp. FL)	-- 64
74.	1925 -- Dec 1-2, off Southeast FL Coast	-- 60

HURRICANES and Tropical Storms-- Deadliest American -- By MORTALITY (Cont.)

75.	1841 -- Oct 3-4, New England	-- 58
76.	2003 -- Sep 18-19, Hurricane Isabel, East Coast, especially VA and MD	--55-56
77.	2011 -- Aug 27-28, Hurricane Irene, CT/DE/FL/MD/MA/NH/NJ/NY/NC/PA/VA/VT	-- 55
78.	1883 -- Sep 11, Hurricane Three, SC, NC, VA (13 th), especially NC (all deaths)	-- 53
79.	2001 -- June 5-17, Tropical Storm Allison, FL/LA/MS/NC/PA/VA, especially TX	--52-53
80.	2008 -- Sep 01, Hurricane Gustav, FL, GA, MS and especially LA	-- 53
81.	2016 -- Oct 7-9, Hurricane Matthew & aftermath, FL/13, GA/3, SC/5, NC/30, VA/2	-- 53
82.	1970 -- Oct 5-10, Tropical storm/flooding (18 confirmed, 34 missing), Puerto Rico	--18-52
83.	1921 -- Sep 07, South TX, Flash Flood, San Antonio, TX	-- 51
84.	1947 -- Sep 17-19, Fort Lauderdale Hurricane, FL, LA, Cat. 3	-- 51
85.	1747 -- Sep 15, Unnamed, Immigrants Ship sunk Rappahannock River, VA	-- >50
86.	1772 -- Sep 01, Tropical Storm Grounds 14 vessels, Ocracoke Bar, NC	-- 50
87.	1960 -- Sep 9-14, Hurricane Donna, FL/Eastern U.S., Cat. 4	-- 50
88.	1860 -- Aug 11, Hurricane, LA	-- 47
89.	1961 -- Sep 11-14, Carla, TX, LA, KS, MO	-- 46
90.	1897 -- Sep 08, Hurricane, North-Central Atlantic	-- 45
91.	1955 -- Aug 12-13, Connie, SC, NC, PA, NY	-- 43
92.	1806 -- Aug 21-24, Hurricane, Carolinas coastal/maritime, <i>Rose in Bloom</i> upset, NJ ¹⁵⁹¹	-- 42
93.	1964 -- Oct 3-4, Hurricane/Tropical Storm Hilda/Tornadoes, LA, MS, SE Coast	-- 42
94.	1996 -- Sep 5-6, Hurricane Fran, SC, NC, VA, WV, MD, DC, PA, especially NC	--40-42
95.	1909 -- July 21, Unnamed Hurricane./Tropical Storm, Velasco, TX	-- 41
96.	1758 -- Hurricane, St. Marks, FL	-- 40
97.	1853 -- Sep 6-7, Hurricane, Western Atlantic	-- 40
98.	1889 -- Sep 9-10, Hurricane, VA, DE, MD, PA, NJ	--40-50
99.	1932 -- Aug 13, Unnamed Hurricane/Tropical Storm, Freeport TX	-- 40
100.	1933 -- Sep 4-5, Hurricane/Tropical Storm, Brownsville TX	-- 40
101.	2004 -- Aug 13-14, Hurricane Charley, FL, SC, NC, VA, esp. SW & Central FL ¹⁵⁹²	--34-40
102.	1815 -- Sep 23, "Great September Gale of 1815," NY, New England	-- >38
103.	1838 -- Sep 07, Hurricane, near Cape Florida, FL	-- 38
104.	1886 -- Aug 19-20, Tropical Cyclone, TX, especially Indianola, TX	-- 38
105.	1834 -- Sep 04, Hurricane, SC	-- 37

¹⁵⁸⁸ Cross-listed in Maritime.

¹⁵⁸⁹ National Hurricane Center shows dates as Sep 13-24. We start with Sep 16 when Tropical Storm Eloise hit Puerto Rico, and we end on the 27th when Eloise remnants, causing flooding and taking lives, cleared.

¹⁵⁹⁰ Maritime component cross-listed in Maritime.

¹⁵⁹¹ Cross-listed in Maritime. Majority of deaths were maritime (21 from *Rose In Bloom* alone).

¹⁵⁹² The range has to do with (1) numbers various sources put forth for Florida fatalities, and (2) our uncertainty concerning the report of an indirect death in South Carolina, which we have not been able to identify.

106.	1863 -- May 26, Tropical Storm, Northeast Gulf of Mexico	-- 37
107.	1869 -- Oct 04, Hurricane, Coastal New Brunswick, Canada, NY, ME	-- 37
108.	1994 -- July 4-10, Tropical Storm Alberto Flooding, Dam Failures, AL, esp. GA ¹⁵⁹³	--34-37
109.	2005 -- Oct 24, Hurricane Wilma, Category 3, Landfall SW Coast of Florida	--26-37
110.	1635 -- Aug 25, Great Colonial Hurricane, New England	-- 35
111.	1821 -- Sep 15, Hurricane, MS	-- 35
112.	1916 -- July 4-10, Hurricane, Gulf of Mexico and Gulf States	-- 34
113.	1918 -- Aug 1-7, Hurricane One, 1918 Season, SW LA, Cat 3	-- 34
114.	1926 -- Aug 25, Hurricane, LA	-- 34
115.	1978 -- July 30-Aug 4, Tropical Storm Amelia & remnants, Flash Flooding, TX ¹⁵⁹⁴	--33-34
116.	1995 -- Oct 4, Hurricane/Tropical Storm Opal, FL panhandle, NC, esp. AL & GA	--30-34
117.	1861 -- Nov 2-3, Hurricane, NC, MA (RI Ship <i>Maritana</i> grounds near Boston Light)--	33
118.	1885 -- Aug 24-26, Hurricane, FL, GA, NC, SC, New England Coast	--25-33
119.	2015 -- Oct 1, U.S. cargo ship <i>El Faro</i> sinks / Hurricane Joaquin, off east Bahamas ¹⁵⁹⁵	-- 33
120.	1869 -- Sep 8, Cane, Sch. <i>Eliza</i> Wrecks (Peak's Isl. ME). <i>Yankee Girl</i> lost, MA & RI--	31
121.	1910 -- Oct 17-20, Unnamed, Key West, FL to NC	-- 30

HURRICANES & Tropical Storms – Deadliest American -- By MORTALITY (Cont.)

122.	1821 -- Sep 03, Hurricane, VA, MD, DE, PA, NJ, NY, MA, CT	-- ~29
123.	1897 -- Sep 12-13, Hurricane, Southeast TX, Beaumont, TX landfall	-- 29
124.	1970 -- Aug 3-4, Hurricane Celia, So. TX (15), esp. Corpus Christi & off FL (14) ¹⁵⁹⁶ --	29
125.	1893 -- Oct 11-13, Tropical Cyclone, FL, SC	-- 28
126.	1878 -- Oct 9-13, Tropical Cyclone, Coastal New England	-- 27
127.	1854 -- Sep 7-13, Hurricane, Mid-Atlantic Coast	-- 26
128.	1865 -- Sep 13, Hurricane, Cameron, LA landfall	-- 25
129.	1911 -- Aug 27-29, Tropical Cyclone, GA, SC	-- 25
130.	1980 -- Aug 6-10, Hurricane Allen, TX & off LA coast (including copter crash 13)	-- 24
131.	1996 -- Sep 09, Hurricane Hortense, rain, flash floods, mudslides, Puerto Rico	--21-24
132.	1959 -- Sep 29-30, Hurricane Gracie, SC and Gracie-Spawmed Tornadoes in VA ¹⁵⁹⁷	-- 22
133.	1979 -- Aug 30-Sep 6, Hurricane David, Puerto Rico (Aug 30-31) and East Coast	--21-22
134.	2004 -- Sep 25-28, Hurricane Jeanne and remnants, esp. FL (also GA/SC/NC/VA)	-- 22
135.	2011 -- Sep 2-10, Tropical Storm Lee, AL/GA/LA/MS/TX/TN/VA/MD/PA/NJ/NY	-- 22
136.	1635 -- Aug 14/15, Tropical Storm, <i>Watch and Wait</i> Wrecks, Thacher Isl., MA ¹⁵⁹⁸	-- 21
137.	1954 -- Sep 11, Edna, Northeast US	-- 21
138.	1983 -- Aug 18, Hurricane Alicia, Galveston, greater Houston & Southeast Texas	-- 21
139.	1813 -- Sep 17, Unnamed, Navy Gun Vessel <i>164</i> Sinks, Charleston, SC ¹⁵⁹⁹	-- 20
140.	1916 --Aug 18, Hurricane No. 6, South TX, especially Corpus Christi, TX	--13-20
141.	1989 -- Jun 26-Jul 5, Tropical Storm Allison & remnants, esp., LA, MS, TX, NC, DE, NJ--	20
142.	1878 -- Oct 23, Hurricane, <i>A.S. Davis</i> Grounds ~ Virginia Beach, VA ¹⁶⁰⁰	-- 19

¹⁵⁹³ Cross-listed in Flooding and in Structural Failures--Dams.

¹⁵⁹⁴ Cross-listed in Flooding.

¹⁵⁹⁵ Cross-listed in Maritime. There were twenty-eight U.S. nationals and five Polish nationals.

¹⁵⁹⁶ There were also 5 fatalities in Cuba.

¹⁵⁹⁷ Cross-listed in Tornadoes.

¹⁵⁹⁸ Cross-listed in Maritime.

¹⁵⁹⁹ Cross-listed in Maritime.

143. 1934 -- July 24-26, Hurricane, Rockport/Corpus Christi area, TX -- 19
 144. 1979 -- Sep 12-13, Hurricane Frederic, MS, AL, LA, FL, TN, PA, especially AL --17-19
 145. 1998 -- Aug 21-24, Tropical Storm Charley, SW, Central TX, esp. Del Rio, TX --16-19

HURRICANES & Tropical Storms – Deadliest American -- By MORTALITY (Cont.)

146. 1933 -- Aug 23, Unnamed, VA -- 18
 147. 1943 -- July 27, Tropical Hurricane, Southeastern TX -- 18
 148. 1944 -- Oct 18, Hurricane, FL -- 18
 149. 1967 -- Sep 20-22, Hurricane Beulah, flooding, tornadoes, Brownsville & SW TX --12-18
 150. 2007 -- Aug 16-20, Tropical Storm Erin, Lamar, TX landfall to OK and MO --17-18
 151. 1903 -- Sep 14-15, FL Hurricane, British steamer *Inchulva* grounds, land deaths -- 17
 152. 1954 -- June 26, Hurricane Alice, Brownsville, TX and vicinity -- 17
 153. 1985 -- Oct 27-31, Hurricane/Tropical Storm Juan, Gulf of Mexico, especially LA -- ~17
 154. 1998 -- Sep 21 (PR), 25-29, Hurricane Georges, Puerto Rico, AL, FL, GA, LA, MS -- 17
 155. 1888 -- Aug 22, Flooding, Remnant of Gulf Coast Hurricane #3, MD, PA, WV -- 16
 156. 1985 -- Sep 27-28, Hurricane Gloria, East Coast, esp. NC/NJ/NY/CT/MA/NH/RI¹⁶⁰¹-15-16
 157. 1991 -- Aug 19-20, Hurricane Bob, Coastal SC, NC, NY, and New England --15-16
 158. 1909 -- Oct 11, Hurricane, Keys, FL -- 15
 159. 1956 -- Sep 24, Flossy, Grand Isle & New Orleans LA -- 15
 160. 2005 -- July 10-13, Hurricane Dennis, GA and esp. FL (Santa Rosa Island landfall) -- 15
 161. 1835 -- Sep 18, Hurricane, Corpus Christi, TX -- 14
 162. 1854 -- Sep 17/18, Hurricane, Steamer *Kate Ward* Lost, Matagorda Bay TX¹⁶⁰² -- 14
 163. 1887 -- Sep 21, Hurricane, Middle Coast of Texas, Sailors Lost at Sea -- 14
 164. 1904 -- Sep 14-15, Tropical Storm, SC, NC, VA, DE, NJ, RI, MA -- 14
 165. 1989 -- July 31-Aug 1, Hurricane Chantal, Texas and Louisiana; *Avco 5* Capsizes -- 13
 166. 1995 -- Aug 23-28, Tropical Storm Jerry, especially FL, SC, NC -- 13
 167. 1950 -- Sep 12-14, Dog, Cape Cod, MA & New England -- 12
 168. 1990 -- Oct 10-12, Tropical Storms Marco and Klaus remnants, FL, GA, SC, NC -- 12
 169. 1995 -- Aug 13-19 Hurricane Felix, especially NC and NJ (also RI and VA) -- 12
 170. 1996 -- July 09 (Puerto Rico), and 12-13 (East Coast), Hurricane Bertha, esp. NC -- 12
 171. 1997 -- July 18-26, Hurricane and Tropical Storm Danny, Gulf, lower East Coasts --10-12
 172. 1877 -- Oct 4, Tropical storm flooding, rails wash out, train derails ~Kimberton, PA¹⁶⁰³--11
 173. 1994 -- Nov 13-18, Hurricane/Tropical Storm Gordon, especially FL -- 11
 174. 1728 -- Aug 13-14, Hurricane, coast and coastal waters south of Charleston, SC -- ≥ 10
 175. 1794 -- Aug 31-Sep 1, Hurricane, New O., Pilottown, Plaquemines, Avoyelles LA¹⁶⁰⁴--~10
 176. 1871 -- Oct 3, Hurricane, TX Coast, Steamer *C. K. Hall* Lost off Cedar Point TX -- >10
 177. 1901 -- Aug 13-16, Hurricane, FL, AL, LA, MS -- 10
 178. 1929 -- Sep 24-29, Hurricane, FL -- 10
 179. 1995 -- Sep 15-16, Hurricane Marilyn, U.S. Virgin Islands, Puerto Rico -- 10
 180. 2004 -- Aug 30-Sep 1, Hurricane Gaston, NC and especially VA -- 10

¹⁶⁰⁰ Cross-listed in Maritime.

¹⁶⁰¹ The range -- we can find no substantiation for a report of one life lost in a plane crash in NY related to the storm.

¹⁶⁰² Cross-listed in Maritime.

¹⁶⁰³ Cross-listed in Rail.

¹⁶⁰⁴ This is our estimate of fatalities based upon statement that “many lives...perished in the storm.”

Other:

1995 -- Aug 02, Hurricane Erin, Central and Panhandle FL and off FL Coast	--	8
1992 -- Sep 11, Hurricane Iniki (Category 4), Kauai, HI	--	6

HURRICANES & Tropical Storms – Deadliest American – CHRONOLOGICAL

1. 1527 -- Nov, Hurricane, Matagorda Bay, TX -- 200
2. 1553 -- Hurricane, Lower Coast of TX --1,700
3. 1554 -- April, Hurricane, today's Brownsville, TX --50-100
4. 1635 -- Aug 14/15, Tropical Storm, *Watch and Wait* Wrecks, Thacher Isl., MA¹⁶⁰⁵ -- 21
5. 1635 -- Aug 25, Great Colonial Hurricane, New England -- 35
6. 1683 -- Unnamed, Florida East Coast -- 496
7. 1700 -- Sep 14, Hurricane, *Rising Sun* wrecked, Ashley River bar, Charleston, SC¹⁶⁰⁶ -- ~100
8. 1713 -- Sep 16-17, Hurricane, Charleston and vicinity, South Carolina -- 70
9. 1728 -- Aug 13-14, Hurricane, coast and coastal waters south of Charleston, SC -- ≥10
10. 1747 -- Sep 15, Unnamed, Immigrants Ship sunk Rappahannock River, VA -- >50
11. 1752 -- Sep 15, Hurricane, esp. Charleston, SC and Johnston, NC -- 103
12. 1758 -- Hurricane, St. Marks, FL -- 40
13. 1772 -- Sep 01, Tropical Storm Grounds 14 vessels, Ocracoke Bar, NC -- 50
14. 1775 -- Sep 2-6, NC, VA -- 163
15. 1794 -- Aug 31-Sep 1, Hurricane, New O., Pilottown, Plaquemines, Avoyelles LA¹⁶⁰⁷ -- ~10
16. 1785 -- Sep 02, Hurricane, Immigrant Ship *Faithful Steward* Sinks, Coast of DE¹⁶⁰⁸ -- >200
17. 1800 -- ~Sep, Revenue Cutter Brig USS *Pickering* Lost, Gale/Hurricane off FL¹⁶⁰⁹ --70-105
18. 1804 -- Sep 7-9, Hurricane, esp. areas of Savannah, GA, Charleston, SC, maritime -- ~500
19. 1806 -- Aug 21-24, Hurricane, Carolinas coastal/maritime, *Rose in Bloom* upset, NJ¹⁶¹⁰-- 42
20. 1812 -- Aug 19-20, New Orleans, LA -- 100
21. 1813 -- Sep 17, Unnamed, Navy Gun Vessel *164* Sinks, Charleston, SC¹⁶¹¹ -- 20
22. 1815 -- Sep 23, "Great September Gale of 1815," NY, New England -- >38
23. 1818 -- Sep 12, Hurricane, Galveston, TX --<1000
24. 1819 -- July 27-28, Bay St. Louis Hurricane, Mobile AL (also LA and MS) --43-200
25. 1821 -- Sep 03, Hurricane, VA, MD, DE, PA, NJ, NY, MA, CT -- ~29

¹⁶⁰⁵ Cross-listed in Maritime.

¹⁶⁰⁶ Cross-listed in Maritime.

¹⁶⁰⁷ This is out guesstimate of fatalities based upon statement that "many lives...perished in the storm."

¹⁶⁰⁸ Cross-listed in Maritime.

¹⁶⁰⁹ Cross-listed in Maritime.

¹⁶¹⁰ Cross-listed in Maritime. Majority of deaths were maritime (21 from *Rose In Bloom* alone).

¹⁶¹¹ Cross-listed in Maritime.

26. 1821 -- Sep 15, Hurricane, MS	-- 35
27. 1822 -- Sep 27-28, Carolinas	-- 300
28. 1824 -- Sep 14-15, GA	-- 100

HURRICANES & Tropical Storms – Deadliest American -- CHRONOLOGICAL (Cont.)

29. 1834 -- Sep 04, Hurricane, SC	-- 37
30. 1835 -- Sep 18, Hurricane, Corpus Christi, TX	-- 14
31. 1837 -- Oct 9, Hurricane Racer's Storm, Steamer <i>Home</i> Founders off Ocracoke, NC ¹⁶¹²	90-100
32. 1838 -- Sep 07, Hurricane, near Cape Florida, FL	-- 38
33. 1841 -- Oct 3-4, New England	-- 58
34. 1844 -- Aug 6, Tropical Cyclone, Brownsville, TX	-- 70
35. 1846 -- Oct 12, Great Havana Hurricane, Florida, esp. Keys, East Coast to NY	--60-90
36. 1849 -- Oct 6-7, Hurricane/Severe Storm, <i>St. John & Levi Woodbury</i> wreck, MA	-- 143
37. 1853 -- Sep 6-7, Hurricane, Western Atlantic	-- 40
38. 1854 -- Sep 7-13, Hurricane, Mid-Atlantic Coast	-- 26
39. 1854 -- Sep 17/18, Hurricane, Steamer <i>Kate Ward</i> Lost, Matagorda Bay TX ¹⁶¹³	-- 14
40. 1856 -- Aug 10-11, Hurricane, Isle Derniere (Last Island), LA (<i>Nautilus</i> lost)	--140-400
41. 1860 -- Aug 11, Hurricane, LA	-- 47
42. 1861 -- Nov 2-3, Hurricane, NC, MA (RI Ship <i>Maritana</i> grounds near Boston Light)	-- 33
43. 1863 -- May 26, Tropical Storm, Northeast Gulf of Mexico	-- 37
44. 1863 -- Aug 21, USS <i>Bainbridge</i> Capsizes, Hurricane, off Cape Hatteras, NC ¹⁶¹⁴	--80-90
45. 1865 -- Sep 13, Hurricane, Cameron, LA landfall	-- 25
46. 1867 -- Oct 1-3 or 7-8, Hurricane E. TX Coast, esp. Brownsville & Matamoros	-->25-100
47. 1869 -- Sep 8, Cane, Schr. <i>Eliza</i> Wrecks (Peak's Isl. ME). <i>Yankee Girl</i> lost, MA & RI	-- 31
48. 1869 -- Oct 04, Hurricane, Coastal New Brunswick, Canada, NY, ME	-- 37
49. 1870 -- Oct 20, Hurricane, Steamer <i>Varuna</i> Capsizes, 35M NE of Jupiter Inlet, FL ¹⁶¹⁵	--36-72
50. 1871 -- Oct 3, Hurricane, TX Coast, Steamer <i>C. K. Hall</i> Lost off Cedar Point TX	-- >10
51. 1873 -- Aug 14-27, "Nova Scotia" Hurricane	-- >600
52. 1875 -- Sep 15-16, TX Hurricane, Matagorda Bay-Sabine Pass, esp. Indianola TX	--176-420
53. 1877 -- Oct 4, Tropical storm flooding, rails wash out, train derailed ~Kimberton, PA ¹⁶¹⁶	-- 11
54. 1878 -- Oct 9-13, Tropical Cyclone, Coastal New England	-- 27
55. 1878 -- Oct 21-24, Hurricane/Land & Maritime, NC, VA, MD, DE, PA, NJ, CT ¹⁶¹⁷	--70-72
56. 1879 -- Aug 18-19, Hurricane, SC, NC, MD, PA, DE, NJ, NY, CT, MA ¹⁶¹⁸	--46-67

¹⁶¹² Cross-listed in Maritime.

¹⁶¹³ Cross-listed in Maritime.

¹⁶¹⁴ Cross-listed in Maritime.

¹⁶¹⁵ Cross-listed in Maritime.

¹⁶¹⁶ Cross-listed in Rail.

¹⁶¹⁷ Cross-listed in Maritime (54 maritime fatalities)

¹⁶¹⁸ Maritime component cross-listed in Maritime.

57. 1880 -- Aug 28, <i>City of Vera Cruz</i> Sinks in Hurricane off Mosquito Inlet, FL ¹⁶¹⁹	-- 68
58. 1881 -- Aug 27, Savannah Hurricane, GA & SC	-- <700
59. 1883 -- Sep 11, Hurricane Three, SC, NC, VA (13 th), especially NC (all deaths)	-- 53
60. 1885 -- Aug 24-25, Hurricane, FL, GA, NC, SC (fatalities primarily maritime)	--25-33
61. 1886 -- Aug 19-20, Tropical Cyclone, TX, especially Indianola, TX	-- 38
62. 1886 -- Oct 12-13, Hurricane/Tropical Storm, East Texas	-- 150
63. 1887 -- Sep 21, Hurricane, Middle Coast of Texas, Sailors Lost at Sea	-- 14
64. 1888 -- Aug 22, Flooding, Remnant of Gulf Coast Hurricane #3, MD, PA, WV	-- 16
65. 1889 -- Sep 9-10, Hurricane, VA, DE, MD, PA, NJ	--40-50

HURRICANES & Tropical Storms – CHRONOLOGICAL (Cont.)

66. 1893 -- Aug 27-29, Hurricane, Sea Islands, SC-GA	--1,000-2,500
67. 1893 -- Oct 1-2, Hurricane Cheniere Caminanda, MS, AL, esp. LA	--1,700-2,000
68. 1893 -- Oct 11-13, Tropical Cyclone, FL, SC	-- 28
69. 1896 -- Sep 28-29, “Cedar Key” Hurricane, FL, GA, SC, VA	-- 130
70. 1897 -- Sep 08, Hurricane, North-Central Atlantic	-- 45
71. 1897 -- Sep 12-13, Hurricane, Southeast TX, Beaumont, TX landfall	-- 29
72. 1898 -- Oct 2, GA, SC, NC	-- 180
73. 1899 -- Aug 8-19, San Ciriaco Hurricane, especially Puerto Rico and NC	-- ~3,477
74. 1900 -- Sep 9, Hurricane, Galveston and southeast coastal area, TX	--7,200-12,000
75. 1901 -- Aug 13-16, Hurricane, FL, AL, LA, MS	-- 10
76. 1903 -- Sep 14-15, FL Hurricane, British steamer <i>Inchulva</i> grounds, land deaths	-- 17
77. 1903 -- Sep 14-17, Atlantic Coast Hurricane, NC, VA, DE, NJ, NY, ME	--57-125
78. 1904 -- Sep 14-15, Tropical Storm, SC, NC, VA, DE, NJ, RI, MA	-- 14
79. 1906 -- Sep 27, MS, AL, Northwest FL	-- 134
80. 1906 -- Oct 18-21, Hurricane, Florida Keys and Maritime, FL	--211-328
81. 1909 -- July 21, Unnamed Hurricane./Tropical Storm, Velasco, TX	-- 41
82. 1909 -- Sep 20-21, Grand Isle, LA, MS	--350-353
83. 1909 -- Oct 11, Hurricane, Keys, FL	-- 15
84. 1910 -- Oct 17-20, Unnamed, Key West, FL to NC	-- 30
85. 1911 -- Aug 27-29, Tropical Cyclone, GA, SC	-- 25
86. 1915 -- Aug 16-17, 20, Hurricane/Tropical Storm, Gulf, SE Coast, TX, MO	--275-432
87. 1915 -- Sep 29-Oct 1, Hurricane, LA and MS Coasts	--275-279
88. 1916 -- July 4-10, Hurricane, Gulf of Mexico and Gulf States	-- 34
89. 1916 -- July 15-16, Tropical Storm, Flooding SC, VA, TN, WV, esp. NC	--26-80
90. 1916 -- Aug 18, Hurricane No. 6, South TX, Corpus Christi landfall	--13-20
91. 1918 -- Aug 1-7, Hurricane One, 1918 Season, SW LA, Cat 3	-- 34
92. 1919 -- Sep 10-14 --Hurricane, Florida Keys, Gulf & Corpus Christi area, TX	--727-1,131
93. 1921 -- Sep 07, South TX, Flash Flood, San Antonio, TX	-- 51
94. 1925 -- Dec 1-2, off Southeast FL Coast	-- 60
95. 1926 -- Aug 25, Hurricane, LA	-- 34

¹⁶¹⁹ Cross-listed in Maritime.

96. 1926 -- Sep 17–18, Great Miami Hurricane, FL (also Sep 20, FL, AL, MS)	--372-408
97. 1928 -- Sep 13, San Felipe Segundo Hurricane, Puerto Rico ¹⁶²⁰	-- 312
98. 1928 -- Sep 16-20, Hurricane, Flood, Southeast FL/Great Okeechobee, FL	--3,000
99. 1929 -- Sep 24-29, Hurricane, FL	-- 10

HURRICANES & Tropical Storms – CHRONOLOGICAL (Cont.)

100. 1932 -- Aug 13, Unnamed Hurricane/Tropical Storm, Freeport TX	-- 40
101. 1933 -- Aug 23, Unnamed, VA	-- 18
102. 1933 -- Sep 4-5, Hurricane/Tropical Storm, Brownsville TX	-- 40
103. 1934 -- July 24-26, Hurricane, Rockport/Corpus Christi area, TX	-- 19
104. 1935 -- Sep 2, Labor Day Hurricane, Florida Key	-- 500
105. 1938 -- Sep 2-/21, New England Hurricane (Long Island Express), Northeast	--600-766
106. 1939 -- Sep 25, Tropical Storm, Long Beach/San Pedro, CA ¹⁶²¹	-- 93
107. 1940 -- Aug 11-13, Hurricane, GA, SC, NC, VA, TN	-- 65
108. 1943 -- July 27, Tropical Hurricane, Southeastern TX	-- 18
109. 1944 -- Sep 9–15, Northeast “Great Atlantic Hurricane,” esp. Maritime; MA ¹⁶²²	--390-412
110. 1944 -- Oct 18, Hurricane, FL	-- 18
111. 1947 -- Sep 17-19, Fort Lauderdale Hurricane, FL, LA, Cat. 3	-- 51
112. 1950 -- Sep 12-14, Dog, Cape Cod, MA & New England	-- 12
113. 1954 -- June 26, Hurricane Alice, Brownsville, TX and vicinity	-- 17
114. 1954 -- Aug 31, Hurricane Carol, New England Coastal States, Category 3	--45-68
115. 1954 -- Sep 11, Edna, Northeast US	-- 21
116. 1954 -- Oct 15-16, Hurricane Hazel, Mid and North Atlantic Coast	--95-103
117. 1955 -- Aug 12-13, Connie, SC, NC, PA, NY	-- 43
118. 1955 -- Aug 18-19, Hurricane Diane, Category 1, Northeast U.S.	--180-310
119. 1956 -- Sep 24, Flossy, Grand Isle & New Orleans LA	-- 15
120. 1957 -- June 25-28, Hurricane Audrey, SW LA, TX, South Central US	--535-550
121. 1959 -- Sep 29-30, Hurricane Gracie, SC and Gracie-Spawned Tornadoes in VA ¹⁶²³	-- 22
122. 1960 -- Sep 9-14, Hurricane Donna, FL/Eastern U.S., Cat. 4	-- 50
123. 1961 -- Sep 11-14, Hurricane Carla, TX, LA, KS, MO	-- 46
124. 1964 -- Oct 3-4, Hurricane/Tropical Storm Hilda/Tornadoes, LA, MS, SE Coast	-- 42
125. 1965 -- Sep 7-10, Hurricane Betsy, SE FL, esp. LA (levee break), also AR, MS	93-105
126. 1967 -- Sep 20-22, Hurricane Beulah, flooding, tornadoes, Brownsville & SW TX	--12-18
127. 1969 -- Aug 17-22, Hurricane Camille, especially MS, South/SE LA, VA	--291-336
128. 1970 -- Aug 3-4, Hurricane Celia, So. TX (15), esp. Corpus Christi & off FL (14) ¹⁶²⁴	-- 29

¹⁶²⁰ Same hurricane hit FL three days later. In that the “Great Okeechobee Hurricane and Flood” receive more attention -- due to very large loss of life -- and overshadows PR loss of life, we treat the hurricane separately here.

¹⁶²¹ Cross-listed in Flooding

¹⁶²² Cross-listed in Maritime in that 340-344 of the fatalities were crew of five U.S. Navy and USCG ships.

¹⁶²³ Cross-listed in Tornadoes.

¹⁶²⁴ There were also 5 fatalities in Cuba.

129. 1970 -- Oct 5-10, Tropical storm/flooding (18 confirmed, 34 missing), Puerto Rico --18-52
 130. 1972 -- June 18-26, Hurricane/Tropical Storm Agnes and Flooding, East Coast --138-140
 131. 1975 -- Sep 16-27,¹⁶²⁵ TS/Hurricane Eloise & remnants, PR, FL Gulf (23rd), US East-- 68
 132. 1978 -- July 30-Aug 4, Tropical Storm Amelia & remnants, Flash Flooding, TX¹⁶²⁶ --33-34
 133. 1979 -- Aug 30-Sep 6, Hurricane David, Puerto Rico (Aug 30-31) and East Coast --21-22
 134. 1979 -- Sep 12-13, Hurricane Frederic, MS, AL, LA, FL, TN, PA, especially AL --17-19

HURRICANES & Tropical Storms – CHRONOLOGICAL (Cont.)

135. 1980 -- Aug 6-10, Hurricane Allen, TX & off LA coast (including copter crash 13) -- 24
 136. 1983 -- Aug 18, Hurricane Alicia, Galveston, greater Houston & Southeast Texas -- 21
 137. 1985 -- Sep 27-28, Hurricane Gloria, East Coast, esp. NC/NJ/NY/CT/MA/NH/RI¹⁶²⁷ -15-16
 138. 1985 -- Oct 27-31, Hurricane/Tropical Storm Juan, Gulf of Mexico, especially LA -- ~17
 139. 1985 -- Nov 4-5, Flooding, Hurricane Juan remnants, WV, VA, PA, MD (esp. WV)¹⁶²⁸ 71-74
 140. 1989 -- Jun 26-Jul 5, Tropical Storm Allison & remnants, esp., LA, MS, TX, NC, DE, NJ-- 20
 141. 1989 -- July 31-Aug 1, Hurricane Chantal, Texas and Louisiana; *Avco 5 Capsizes* -- 13
 142. 1989 -- Sep 18 (Puerto Rico); 21-22 (SC/NC), Hurricane Hugo, also VA, NY, USVI-59-86
143. 1990 -- Oct 10-12, Tropical Storms Marco and Klaus remnants, FL, GA, SC, NC -- 12
 144. 1991 -- Aug 19-20, Hurricane Bob, Coastal SC, NC, NY, and New England --15-16
 145. 1992 -- Aug 24, 26, Hurricane Andrew, FL (89-90) esp. Dade Co., and LA (17) --106-107
 146. 1992 -- Sep 11, Hurricane Iniki (Category 4), Kauai, HI -- 6
 147. 1994 -- July 4-10, Tropical Storm Alberto Flooding, Dam Failures, AL, esp. GA¹⁶²⁹ --34-37
 148. 1994 -- Nov 13-18, Hurricane/Tropical Storm Gordon, especially FL -- 11
 149. 1995 -- Aug 02, Hurricane Erin, Central and Panhandle FL and off FL Coast -- 8
 150. 1995 -- Aug 13-19 Hurricane Felix, especially NC and NJ (also RI and VA) -- 12
 151. 1995 -- Aug 23-28, Tropical Storm Jerry, especially FL, SC, NC -- 13
 152. 1995 -- Sep 15-16, Hurricane Marilyn, U.S. Virgin Islands, Puerto Rico -- 10
 153. 1995 -- Oct 4, Hurricane/Tropical Storm Opal, FL panhandle, NC, esp. AL & GA --30-34
 154. 1996 -- July 09 (Puerto Rico), and 12-13 (East Coast), Hurricane Bertha, esp. NC -- 12
 155. 1996 -- Sep 5-6, Hurricane Fran, SC, NC, VA, WV, MD, DC, PA, especially NC --40-42
 156. 1997 -- July 18-26, Hurricane and Tropical Storm Danny, Gulf, lower East Coasts --10-12
 157. 1996 -- Sep 09, Hurricane Hortense, rain, flash floods, mudslides, Puerto Rico --21-24
 158. 1998 -- Aug 21-24, Tropical Storm Charley, SW, Central TX, esp. Del Rio, TX --16-19
 159. 1998 -- Sep 21 (PR), 25-29, Hurricane Georges, Puerto Rico, AL, FL, GA, LA, MS -- 17
 160. 1999 -- Sep 15-17, Hurricane Floyd, Mid Atlantic, Northeast, particularly NC --88-89
161. 2001 -- June 5-17, Tropical Storm Allison, FL/LA/MS/NC/PA/VA, especially TX --52-53
 162. 2003 -- Sep 18-19, Hurricane Isabel, East Coast, especially VA and MD --55-56
 163. 2004 -- Aug 13-14, Hurricane Charley, FL, SC, NC, VA, esp. SW & Central FL¹⁶³⁰ --34-40

¹⁶²⁵ National Hurricane Center shows dates as Sep 13-24. We start with Sep 16 when Tropical Storm Eloise hit Puerto Rico, and we end on the 27th when Eloise remnants, causing flooding and taking lives, cleared.

¹⁶²⁶ Cross-listed in Flooding.

¹⁶²⁷ The range -- we can find no substantiation for a report of one life lost in a plane crash in NY related to the storm.

¹⁶²⁸ Cross-listed in Flooding. This is a separate entry from the Oct 27-31 entry for Hurricane Juan in the Gulf Coast and coastal Louisiana.

¹⁶²⁹ Cross-listed in Flooding and in Structural Failures--Dams.

164.	2004 -- Aug 30-Sep 1, Hurricane Gaston, NC and especially VA	-- 10
165.	2004 -- Sep 5-8, Hurricane Frances, FL, GA, SC, NC, OH (esp. FL)	-- 64
166.	2004 -- Sep 15-18, Hurricane Ivan, Tornadoes, AL, GA, MD, MS, NC; esp. FL	--51-72
167.	2004 -- Sep 25-28, Hurricane Jeanne and remnants, esp. FL (also GA/SC/NC/VA)	-- 22
168.	2005 -- July 10-13, Hurricane Dennis, GA and esp. FL (Santa Rosa Island landfall)	-- 15
169.	2005 -- Aug 25-31, Hurricane Katrina, FL, LA, esp. NOLA & MS ¹⁶³¹	--≥1,833-1,836
170.	2005 -- Sep 22-24, Hurricane Rita, FL Keys, Louisiana and especially Texas	--111-124
171.	2005 -- Oct 24, Hurricane Wilma, Category 3, Landfall SW Coast of Florida	--26-37
172.	2007 -- Aug 16-20, Tropical Storm Erin, Lamar, TX landfall to OK and MO	--17-18
173.	2008 -- Sep 01, Hurricane Gustav, FL, GA, MS and especially LA	-- 53
174.	2008 -- Sep 12-14, ¹⁶³² Hurricane Ike, AR, IL, IN, KY, LA, MI, OH, PA, TN, esp. TX	--≥92

HURRICANES & Tropical Storms – CHRONOLOGICAL (Cont.)

175.	2011 -- Aug 27-28, Hurricane Irene, CT/DE/FL/MD/MA/NH/NJ/NY/NC/PA/VA/VT	-- 55
176.	2011 -- Sep 2-10, Tropical Storm Lee, AL/GA/LA/MS/TX/TN/VA/MD/PA/NJ/NY	-- 22
177.	2012 -- Oct 29-30, Hurricane Sandy, Mid-Atlantic, esp. NY, NJ, also PA, MD, CT, WV ¹⁶³³	-154-182
178.	2015 -- Oct 1, U.S. cargo ship <i>El Faro</i> sinks / Hurricane Joaquin, off east Bahamas ¹⁶³⁴	-- 33
179.	2016 -- Oct 7-9, Hurricane Matthew & aftermath, FL/13, GA/3, SC/5, NC/30, VA/2	-- 53
180.	2017 -- Aug 25-30, Hurricane/Tropical Storm Harvey, Southeast TX, esp. Houston	-- ≥89
181.	2017 -- Sep 6, Hurricane Irma, PR, US Virgin Isl.; Sep 10-11, GA, SC, NC, esp. FL	-- 107

¹⁶³⁰ The range has to do with (1) numbers various sources put forth for Florida fatalities, and (2) our uncertainty concerning the report of an indirect death in South Carolina, which we have not been able to identify.

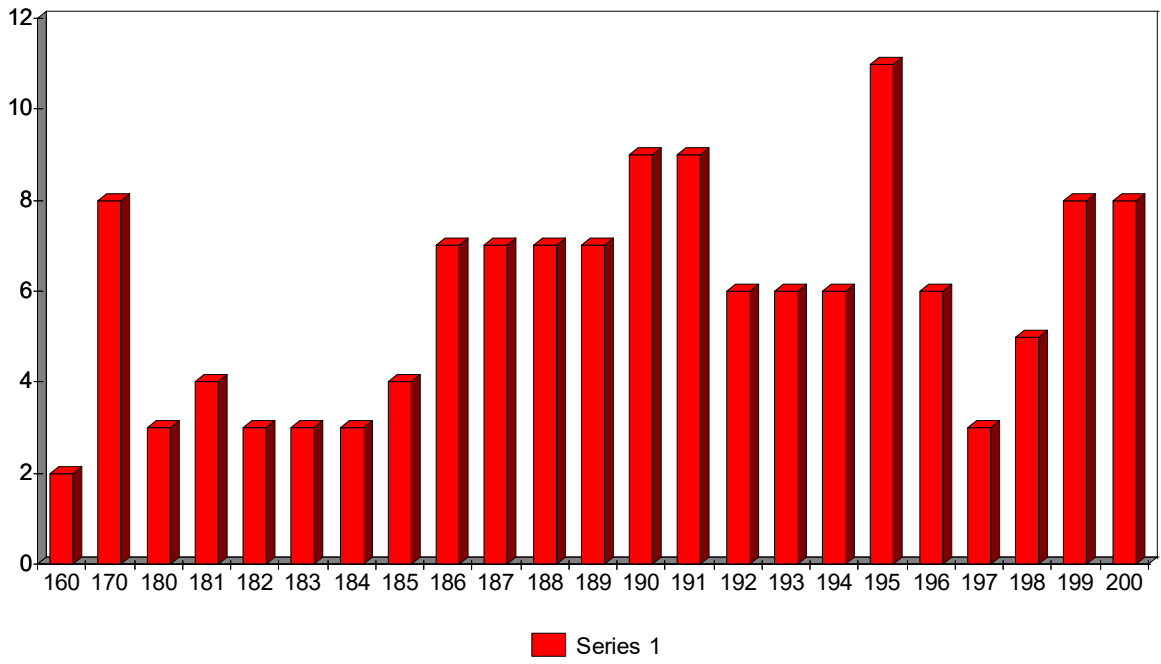
¹⁶³¹ There were 2 deaths in AL and 2 in GA. The numbers reflect those generally reported. We note “≥” (at least) in that there still are over 100 missing and presumed dead, as well as unreported health-related indirect deaths.

¹⁶³² NWS has Ike’s life as Sep 1-14. We use Sep 12-14 in that the storm was off Texas coast on the 12th when deaths started occurring, making landfall the morning of Sep 13. The storm remnants moved up through the Midwest and easterly into southern Ontario and Quebec, Canada leading to direct loss of life due to flooding and high-wind tree/branch fall deaths through the 14th. Brown, et al. “Atlantic Hurricane Season of 2008,” MWR, 5-2010.

¹⁶³³ The range is explained by one NYC death which is not on NYC official list, and 27 NJ deaths reported in aggregate (not individually identifiable), reported during roughly 2nd to 7th month afterwards by NJ MEO.

¹⁶³⁴ Cross-listed in Maritime. There were twenty-eight U.S. nationals and five Polish nationals.

Hurricane Events by Decade



LANDSLIDES, Mudslides, Debris Flows – Deadliest American – By Mortality

1. 1985 -- Oct 7, Tropical Storm, Landslide, Mameyes neighborhood, Ponce, Puerto Rico--~130
2. 1969 -- Aug 19-20, Camille storm, Flash Flooding, Mudslides, esp. Nelson Co., VA ¹⁶³⁵-- 130
3. 2014 -- Mar 22, Mudslide, State Route 530, near Oso, Snohomish Co., WA ¹⁶³⁶ --43-44
4. 1868 -- Apr 3, Earthquake-induced landslides, mudflows, cliff fall, Hawaii Island, HI --31-32
5. 1959 -- Aug 18, Earthquake and Landslides, Hebgen Lake, Montana ¹⁶³⁷ --26-28
6. 1982 -- Jan 3-5, Rainstorms, Land-mudslides, esp. San Francisco Bay Area, CA ¹⁶³⁸ --19-25
7. 2018 -- Jan 9, Heavy rain; Mudslides/debris flows (after forest fires), Montecito, CA -- 23
8. 1906 -- Jan 09, Landslide, Haverstraw, NY -- 22
9. 1942 -- Dec 22, Rockslide Crushes Passenger Bus, near Aliquippa, PA ¹⁶³⁹ -- 22
10. 1843 -- Feb 16, Landslide, clay hill being mined at base, Troy, NY --17-18

11. 1969 -- Jan 25, Mudslides/debris flows, south Cal., especially Los Angeles Co., CA ¹⁶⁴⁰-- 16
12. 2003 -- Dec 25, Heavy Rain, Landslides/Mudslides, St. Sophia Camp, So. CA -- 16
13. 1936 -- Nov 22, Landslides (2), Mount Roberts debris into apt. bldgs. Juneau, AK ¹⁶⁴¹ -- 15
14. 1911 -- March 11, Ore Landslide, Oliver Iron Mine, Norman Open Pit, Virginia, MN -- 14
15. 1905 -- Aug 16, Quarry Landslide, Lehigh Portland Cement Co., Ormrod, PA -- 12
16. 1917 -- Jul 1, Washout under track, Trolley falls into Niagara River, Niagara Co., NY ¹⁶⁴²--12
17. 1906 -- Apr 18, Landslides as a result of the San Francisco Earthquake, CA ¹⁶⁴³ -- 11
18. 1905 -- Oct 06, Rock-fall, Vermont Slate Co. Briar Hill Quarry, Pawlet, VT -- 8-10
19. 1980 -- May 18, Mt. St. Helens Volcano Eruption and Landslides, WA ¹⁶⁴⁴ -- 5-10
20. 2005 -- Jan 10, Mudslide, La Conchita, Ventura County, CA -- 10

¹⁶³⁵ Lynn M. Highland and Robert L. Schuster in: *Significant Landslide Events in the United States* (USGS, 4-16-2003, p. 6), list 150 landslide fatalities for Nelson County, VA. We believe the number “150” is more reflective of all the Virginia losses, though Nelson County did suffer the most fatalities. Some bodies were never recovered and it is unknown how many died from slides, and how many drowned in the flash flooding. Another U.S. government agency, the National Weather Service, Baltimore/Washington Weather Forecast Office, in *Greatest Storms of the 20th Century, Greater Wash/Balt.* 2005, attributes “117” losses to “floods and landslides.” Yet another NWS document, *The Hurricane History of Central and Eastern Virginia* (Wakefield, VA NWS Weather Forecast Office, 1-4-2012 update), states that “Flash flooding took the lives of 153 people...primarily in Nelson County.” Certainly there were not 153 fatalities attributable solely to flash flooding, and certainly there were not 150 slide fatalities, but, there were a large number, probably more than 33, the next largest loss to landslides or mudslides in our listing.

Thus, to place this event on our list in the second deadliest position, where we believe it should be placed, we have arbitrarily chosen to list it as less than 130 in order to place it below the 1985 Puerto Rico listing.

¹⁶³⁶ Forty-three mudslide victims. A nephew of two victims, who assisted in search, committed suicide April 13-15.

¹⁶³⁷ Cross-listed in Earthquakes. Highland and Schuster (USGS), in *Significant Landslide Events in the United States* (2003, p. 10), notes 26 fatalities, presumably from landslides. Another source: Person. The Hebgen Earthquake: 50 Years on.” *Bozeman Daily Chronicle*, 6-20-2009, notes that “At least 19 people were buried by the landslide that created Quake Lake...” There were at least several other definite landslide fatalities.

¹⁶³⁸ There were 31-36 event deaths; non-slide deaths attributed to drownings, pedestrian killed by vehicle in driving rainstorm, trees falling into houses, and a cleaning-up accident wherein a bulldozer rolled over killing operator.

¹⁶³⁹ Cross-listed in Road/Highway Events.

¹⁶⁴⁰ This is a subset of the Jan 18-26 storms, flooding vehicle deaths and mudslides listing that is cross-listed in Floods, with 99-103 total fatalities from all causes.

¹⁶⁴¹ Fourteen at the time and one from injuries about one week later.

¹⁶⁴² Cross-listed in Rail. Only listed herein in that the State of New York Office of Emergency Management lists this event as an example of a landslide in its 2006 Hazards Mitigation Plan.

¹⁶⁴³ Cross-listed in Earthquakes. Details/references can be found in the 1906 SF earthquake section, 3-6k fatalities.

¹⁶⁴⁴ Cross-listed in Volcano.

Other:

1972 -- Feb 26, Dam Failure, Buffalo Coal Mining Co., Buffalo Creek, WV ¹⁶⁴⁵	--125-126
1826 -- Aug 18, Landslide, Crawford Notch, White Mountains, NH	-- 9
1974 -- Jan 16, Canyon Mountain Landslide, Canyon Pass, Canyonville, OR	-- 9
1996 -- Nov 18-20, Mudslides, Douglas County, OR	-- 5

¹⁶⁴⁵ We are noting Buffalo Creek here in the “Other” category in that we list this as a Dam Failure event. However, in that a USGS official is cited as noting that Buffalo Creek was “perhaps the worst single American landslide to date...,” we are making recognition of that statement. The source is Randolph E. Schmid (*Associated Press*). “Puerto Rico Toll May be Highest in U.S. Landslide History.” 10-10-1985.

LANDSLIDES, Mudslides, Debris Flows – Deadliest American – Chronological

- 1826 -- Aug 18, Landslide, Crawford Notch, White Mountains, NH -- 9
1. 1843 -- Feb 16, Landslide, clay hill being mined at base, Troy, NY --17-18
 2. 1868 -- April 3, Earthquake-induced landslides/mudslide, cliff fall, Hawaii Island, HI --31-32
 3. 1905 -- Aug 16, Quarry Landslide, Lehigh Portland Cement Co., Ormrod, PA -- 12
 4. 1906 -- Jan 9, Landslide, Haverstraw, NY -- 22
 5. 1906 -- April 18, Landslides as a result of the San Francisco Earthquake¹⁶⁴⁶ -- 11
 6. 1911 -- March 11, Ore Landslide, Oliver Iron Mine, Norman Open Pit, Virginia, MN -- 14
 7. 1917 -- Jul 1, Washout under track, Trolley falls into Niagara River, Niagara Co., NY¹⁶⁴⁷ --12
 8. 1936 -- Nov 22, Landslides (2), Mount Roberts debris into apt. bldgs. Juneau, AK¹⁶⁴⁸-- 15
 9. 1942 -- Dec 22, Rockslide Crushes Passenger Bus, near Aliquippa, PA¹⁶⁴⁹ -- 22
 10. 1959 -- Aug 18, Earthquake and Landslides, Hebgen Lake, Montana¹⁶⁵⁰ --26-28
 11. 1969 -- Jan 25, Mudslides/debris flows, south Cal., especially Los Angeles County¹⁶⁵¹-- 16
 12. 1969 -- Aug 19-20, Camille storm, Flash Flooding, Mudslides, esp. Nelson Co., VA¹⁶⁵²--130
 13. 1972 -- Feb 26, Dam Failure, Buffalo Coal Mining Co., Buffalo Creek, WV¹⁶⁵³ --125-126

¹⁶⁴⁶ Cross-listed in Earthquakes. Details/references can be found in the 1906 SF earthquake section, 3-6k fatalities.

¹⁶⁴⁷ Cross-listed in Rail. Only listed herein in that the State of New York Office of Emergency Management lists this event as an example of a landslide in its 2006 Hazards Mitigation Plan.

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¹⁶⁵² Lynn M. Highland and Robert L. Schuster in: *Significant Landslide Events in the United States* (USGS, 4-16-2003, p. 6), list 150 landslide fatalities for Nelson County, VA. We believe the number "150" is more reflective of all the VA losses, though Nelson County did suffer the most. A number of bodies were never recovered and it is unknown to any one how many died from slides, and how many drowned in the flash flooding. Another U.S. government agency, the National Weather Service, Baltimore/Washington Weather Forecast Office, in *Greatest Storms of the 20th Century, Greater Wash/Balt.* 2005, attributes "117" losses to "floods and landslides." Yet another NWS document, *The Hurricane History of Central and Eastern Virginia* (Wakefield, VA NWS Weather Forecast Office, 1-4-2012 update), states that "Flash flooding took the lives of 153 people...primarily in Nelson County." Certainly there were not 153 fatalities attributable solely to flash flooding, and certainly there were not 150 slide fatalities, but there were a large number, probably more than 33, the next largest loss to landslides or mudslides in our listing. Thus, to place this event on our list in the second deadliest position, where we believe it should be placed, we have arbitrarily chosen to list it as less than 130 in order to place it below the 1985 Puerto Rico listing.

1974 -- Jan 16, Canyon Mountain Landslide, Canyon Pass, Canyonville, OR -- 9

LANDSLIDES, Mudslides, Debris Flows – Deadliest American – Chronological (con't)

14. 1980 -- May 18, Mt. St. Helens Volcano Eruption and Landslides¹⁶⁵⁴ -- 5-10
15. 1982 -- Jan 3-5, Rainstorms, Land-mudslides, esp. San Francisco Bay Area, CA¹⁶⁵⁵ --19-25
16. 1985 -- Oct 7, Tropical Storm, Landslide, Mameyes neighborhood, Ponce, Puerto Rico--~130

1996 -- Nov 18-20, Mudslides, Douglas County, OR -- 5

17. 2003 -- Dec 25, Heavy Rain, Landslides/Mudslides, St. Sophia Camp, So. CA -- 16
18. 2005 -- Jan 10, Mudslide, La Conchita, Ventura County, CA -- 10

19. 2014 -- March 22, Mudslide, State Route 530, near Oso, Snohomish Co., WA¹⁶⁵⁶ --43-44
20. 2018 -- Jan 9, Heavy rain; Mudslides/debris flows (after forest fires), Montecito, CA -- 23

¹⁶⁵³ We are noting Buffalo Creek here in the “Other” category in that we list this as a Dam Failure event. However, in that a USGS official is cited as noting that Buffalo Creek was “perhaps the worst single American landslide to date...,” we are making recognition of that statement. The source is Randolph E. Schmid (*Associated Press*). “Puerto Rico Toll May be Highest in U.S. Landslide History.” 10-10-1985.

¹⁶⁵⁴ Cross-listed in Volcano.

¹⁶⁵⁵ There were 31-36 event deaths; non-slide deaths attributed to drownings, pedestrian killed by vehicle in driving rainstorm, trees falling into houses, and a cleaning-up accident wherein a bulldozer rolled over killing operator.

¹⁶⁵⁶ Forty-three mudslide victims. A nephew of two victims, who assisted in search, committed suicide April 13-15.

LIGHTNING and Lightning-Related – Deadliest American – By MORTALITY

1. 1963 -- Dec 08, Lightning, Fuel Gas Explosion, Crash, PanAm #214, Elkton, MD¹⁶⁵⁷ -- 81
2. 1972 -- Feb 01, Lightning, Gas Explosion, Tanker *V.A. Fogg*, off Galveston, TX¹⁶⁵⁸ -- 39
3. 1882 -- July 12, Lightning/Wind hits building, falls on saloon, Fire, Texarkana, AR -- 30
4. 1926 -- July 10, Lightning/fire/Explosions, USN Lake Denmark Arsenal, Dover, NJ¹⁶⁵⁹ 21-22
5. 1918 -- Oct 06, US Steamer *Dumar* hit by Lightning, Burns, 22M west of Guam¹⁶⁶⁰ -- 19
6. 1945 -- June 14, USAAF C-46D Lightning Hit/Crash, near Oakridge, MS¹⁶⁶¹ -- 17
7. 1921 -- June 12, Lightning, Gasoline Storage Tank Explosion, Salt Lake City, UT¹⁶⁶² -- 15
8. 1961 -- Mar 28, Residential fire (lightning?), Alex Whitehead home, Dotsonville, TN¹⁶⁶³ -- 12
9. 2006 -- Jan 02, Lightning/Explosion, Sago Coal Mine, Tallmansville WV¹⁶⁶⁴ -- 12
10. 1901 -- July 01, Lightning, Swimmers, Lake Mich., off Montrose Blvd., Chicago, IL -- 10
11. 1945 -- July 17, USAAF B-17F Plane Crash, near Smoky Hill AAB, Salina, KS¹⁶⁶⁵ -- 10
12. 1970 -- Aug 03, Navy P3A Orion, Lightning, Turbulence Breakup, ~Searchlight, NV¹⁶⁶⁶ -- 10

Other:

- 1868 -- July 05, Lightning, Orange County, NY -- 9
- 1887 -- July 12, Lightning, People Seeking Shelter Under a Tree, ~Mt. Pleasant, TN -- 9
- 1929 -- Sep 3, 1st US Lightning-Strike Plane Crash, Transcontinental Air, Mt. Taylor, NM--8
- 1961 -- July 12, Lightning strikes Tobacco Barn, near Clinton, Sampson County, NC -- 8
- 1893 -- Jun 21, Lightning strikes Ringling Brothers Circus Tent, River Falls, WI -- 7
- 1943 -- Aug 10, Lightning Kills Soldiers, Drill Field, Fort Belvoir, VA -- 6
- 1884 -- July 30, Lightning, 4 girls in bed killed, father commits suicide, Marysville KS-- 5
- 1994 -- June 16, Lightning, Lake Moomaw, Bath County, VA -- 5
- 2001 -- March 3, Lightning starts house fire, Montgomery, AL -- 5

¹⁶⁵⁷ Cross-listed in Aviation.

¹⁶⁵⁸ Cross-listed under Explosions and Maritime.

¹⁶⁵⁹ Cross-listed in Explosions – lightning started a fire which led to explosions which led to loss of life.

¹⁶⁶⁰ Cross-listed in Maritime.

¹⁶⁶¹ Cross-listed in Aviation.

¹⁶⁶² Cross-listed in Explosions.

¹⁶⁶³ Cross-listed in Fire-Structural.

¹⁶⁶⁴ Cross-listed in Mining.

¹⁶⁶⁵ Cross-listed in Aviation.

¹⁶⁶⁶ Cross-listed in Aviation.

LIGHTNING and Lightning-Related – Deadliest American – CHRONOLOGICAL

1. 1868 -- July 05, Lightning, Orange County, NY -- 9
2. 1882 -- July 12, Lightning/Wind hits building, falls on saloon, Fire, Texarkana, AR -- 30
3. 1884 -- July 30, Lightning, 4 girls in bed killed, father commits suicide, Marysville KS-- 5
4. 1887 -- July 12, Lightning, People Seeking Shelter Under a Tree, ~Mt. Pleasant, TN -- 9
5. 1893 -- Jun 21, Lightning strikes Ringling Brothers Circus Tent, River Falls, WI -- 7
6. 1901 -- July 01, Lightning, Swimmers, Lake Mich., off Montrose Blvd., Chicago, IL -- 10
7. 1918 -- Oct 06, US Steamer *Dumaru* hit by Lightning, Burns, 22M west of Guam¹⁶⁶⁷ -- 19
8. 1921 -- Jun 12, Lightning, Gasoline Storage Tank Explosion, Salt Lake City, UT¹⁶⁶⁸ -- 15
9. 1926 -- Jul 10, Lightning/fire/Explosions, USN Lake Denmark Arsenal, Dover, NJ¹⁶⁶⁹--21-22
10. 1929 -- Sep 3, 1st US Lightning-Strike Plane Crash, Transcontinental Air, Mt. Taylor, NM--8
11. 1943 -- Aug 10, Lightning Kills Soldiers, Drill Field, Fort Belvoir, VA -- 6
12. 1945 -- Jun 14, USAAF C-46D Lightning Hit/Crash, near Oakridge, MS¹⁶⁷⁰ -- 17
13. 1945 -- July 17, USAAF B-17F Plane Crash, near Smoky Hill AAB, Salina, KS¹⁶⁷¹ -- 10
14. 1961 -- Mar 28, Residential fire (lightning?), Alex Whitehead home, Dotsonville, TN¹⁶⁷²-- 12
15. 1961 -- July 12, Lightning strikes Tobacco Barn, near Clinton, Sampson County, NC -- 8
16. 1963 -- Dec 08, Lightning, Fuel Gas Explosion, Crash, PanAm #214, Elkton, MD¹⁶⁷³ -- 81
17. 1970 -- Aug 03, Navy P3A Orion, Lightning, Turbulence Breakup, ~Searchlight, NV¹⁶⁷⁴-- 10
18. 1972 -- Feb 01, Lightning, Gas Explosion, Tanker *V.A. Fogg*, off Galveston, TX¹⁶⁷⁵ -- 39
19. 1994 -- June 16, Lightning, Lake Moomaw, Bath County, VA -- 5
20. 2001 -- March 3, Lightning starts house fire, Montgomery, AL -- 5
21. 2006 -- Jan 2, Lightning/Explosion, Sago Coal Mine, Tallmansville WV¹⁶⁷⁶ -- 12

¹⁶⁶⁷ Cross-listed in Maritime.

¹⁶⁶⁸ Cross-listed in Explosions.

¹⁶⁶⁹ Cross-listed in Explosions.

¹⁶⁷⁰ Cross-listed in Aviation.

¹⁶⁷¹ Cross-listed in Aviation.

¹⁶⁷² Cross-listed in Fire-Structural.

¹⁶⁷³ Cross-listed in Aviation.

¹⁶⁷⁴ Cross-listed in Aviation.

¹⁶⁷⁵ Cross-listed under Explosions and Maritime.

¹⁶⁷⁶ Cross-listed in Mining.

MARITIME DISASTERS – Deadliest American – Master Set – By MORTALITY

1. 1865 -- Apr 27, Steamer *Sultana* Explodes/Burns, MS. Riv., Redman Point, AR – 1,547-2000
2. 1904 -- Jun 15, Fire, *General Slocum* Excursion Steamer, East Riv., NYC, NY -- 957-1,200
3. 1915 -- Jul 24, *Eastland* Passenger Ship overloaded, Capsizes, Chicago, IL --812-852
4. 1944 -- Dec 18, Navy Task Force 38, Typhoon, 3 ships capsize off Philippines -- ~790
5. 1947 -- Apr 16-17, Ammonium Nitrate Explosion, *Grandcamp*, Texas City, TX¹⁶⁷⁷ --581-600
6. 1854 -- Sep 27, US Mail *Arctic & Vesta* Collide/Fog, Cape Race Newfoundland --318-562
7. 1865 -- Mar 31, Steam Transport *General Lyon* Burns off Cape Hatteras, NC --400-500
8. 1898 -- Nov 26-27, Portland Gale, SS *Portland* sinks (Cape Ann MA), New Eng. --450-500
9. 1857 -- Sep 11/12, Hurricane, Steamer *Central America* Founders off VA¹⁶⁷⁸ --400-427
10. 1837 -- Oct 31, *Monmouth & Tremont* Collide, MS Riv, Prophet Island Bend, LA --234-400
11. 1860 -- Sep 08, Steamer *Lady Elgin* Collision, Sinks, Lake Mich. off Winnetka, IL --270-400
12. 1900 -- Jun 30, Fire, Lloyd Steamship Piers, *Main, Bremen, Saale*, Hoboken NJ¹⁶⁷⁹ --300-400
13. 1944 -- Nov 10, Explosion, USS *Mount Hood*, Seeadler Harbor, Manus Island¹⁶⁸⁰ --372-378
14. 1918 -- Oct 25, *Princess Sophia* (Can.) Strands, Vanderbilt Reef ~Juneau AK¹⁶⁸¹ --333-360
15. 1800 -- Sep 20 (after), USS *Insurgent* disappears after leaving Hampton Roads, VA -- 340
16. 1907 -- Feb 11, *Larchmont* Steamship Hit/Sinks in Blizzard off Block Harbor RI --123-332
17. 1850 -- June 17, Steamer *G.P. Griffith* fire, Lake Erie, 20m off Cleveland, OH --250-325
18. 1944 -- July 17, Munitions Ships Explode while loading, Port Chicago, CA¹⁶⁸² --320-325
19. 1854 -- Apr 16, Storm, Packet Ship *Powhatan* sinks off coast of NJ --250-311
20. 1918 -- Mar 04, Last sighting of Collier USS *Cyclops*, off Barbados, Caribbean -- 306
21. 1829-30, Brig *Kamehameha* lost, Honolulu HI, Dec 2, for Eromango island --250~300
22. 1852 -- Aug 20, Fog, Collision, *Atlantic* Burns/Sinks, Lake Erie ~Long Pt. Ont. --100~300
23. 1853 -- Dec 24-Jan 2, '54, Troopship *San Francisco* Stricken, Storm, off East Coast --150-300
24. 1854 -- Nov 13, US immigrant ship *New Era* Grounds, Storm, Deal Beach, NJ --240-300
25. 1875 -- Nov 04, Steamship *Pacific* sinks collis. with *Orpheus*, off N. WA Coast --200-300
26. 1913 -- Nov 7-10, 12 US Boats Lost, Great Lakes Blizzard, "The Big Blow"¹⁶⁸³ --200-300
27. 1898 -- Feb 15, Battleship USS *Maine* Magazine Explos., Havana Harbor, Cuba¹⁶⁸⁴ --263-268
28. 1866 -- Oct 03, Steamer *Evening Star* Founders, Storm, off Tybee Island, GA --247-261
29. 1856 -- Nov 2, Schooner *Le Lyonnais* Collision, Nantucket Island, MA --120-260
30. 1847 -- Nov 21, Fire, Steamboat *Phoenix*, Sinks, Lake MI, off Sheboygan, WI --160-258
31. 1841 -- Aug 09, *City of Erie* Explosion/Fire, Silver Creek, Lake Erie, 60m ~Buffalo-173-250
32. 1944 -- Sep 13, Hurricane, USS *Warrington* Sinks off coast of FL¹⁶⁸⁵ --247-248
33. 1837 -- May 08, Steamer *Ben Sherrod* Explosion/Fire, MS River, Fort Adams, MS --72-230
34. 1865 -- July 30, Storm, *Brother Jonathan* Grounds & Sinks off Crescent City, CA --146-225
35. 1866 -- Jan 28, Steamer *Miami*, Boiler Explosion, Arkansas River, ~ Napoleon, AR --40-225

¹⁶⁷⁷ Cross-listed in Explosions and in Fire.

¹⁶⁷⁸ "...the steamship *Central America*, which had been contending for three days with a tremendous tempest off the shore of Virginia..." (*New York Times*, "The Loss of the *Central America*." September 21, 1857)

¹⁶⁷⁹ Cross-listed under Fires, Structural.

¹⁶⁸⁰ Largest of the Admiralty Islands, and fifth largest island in Papua New Guinea. Cross-listed in Explosions.

¹⁶⁸¹ Listed herein in that more than ten U.S. citizens died, as well as because the disaster was in U.S. territory.

¹⁶⁸² Cross-listed under Explosions.

¹⁶⁸³ Cross-listed under Winter Storms.

¹⁶⁸⁴ Cross-listed under Explosions.

¹⁶⁸⁵ Cross-listed under Hurricane -- subset of the 390-412 attributed to the "Great Atlantic Hurricane of 1944."

36. 1866 -- Feb 2, Steamboat *W.R. Carter* Boiler Explosion, Miss. River, Island No. 98--123-215
37. 1860 -- Sep 18, U.S. Navy Sloop-of-War *Levant* sails SE from Hilo, HI, Lost --150-210
38. 1869 -- Oct 27, Fire, Steamer *Stonewall*, Mississippi River, Tea Table Bar, MO --125-209
39. 1942 -- Feb 18, USS *Truston* and USS *Pollux* run aground, storm, Placentia Bay NFLD--204
40. 1785 -- Sep 02, Immigrant Ship *Faithful Steward* Grounds, Coast of DE¹⁶⁸⁶ -- >200
41. 1799 -- Sixty Alaskan Native Bidarka's lost in storm, Hinchinbrook entrance, AK -- 200
42. 1811 -- Dec 16-Feb 7, 1812, New Madrid Earthquakes, Mississippi River boats -- ~200
43. 1838 -- Apr 25, Steamboat *Moselle* Boiler Explosion/Fire, near Cincinnati, OH --81-200
44. 1862 -- July 27, Steamboat *Golden Gate* Burns off Mexican Coast (Manzanilla) --175-200
45. 1864 -- Dec 22, Military Steamer *North America* Sinks, Storm off Coast of FL --197-200

MARITIME Disasters -- Master Set -- Deadliest American -- By MORTALITY (Con't)

- 1850 -- Sep 20, Barque *Emily* from SF, Cal., lost off Cape St. Lucas, Baja, Mex.¹⁶⁸⁷ -- ~198
46. 1856 -- Jan 23, Amer. Steamer *Pacific* leaves Liverpool, Sinks, Irish Sea ~Wales¹⁶⁸⁸ -- 186
47. 1870 -- Jan, Steamer *City of Boston* sails from NYC for Liverpool, Lost -- 177
48. 1853 -- Feb 16, Steamer *Independence* hits rock/sinks, Margarita Island, Lower CA--120-172
49. 1851 -- Oct 3-4, Storm, New England Fishing Schooners Lost, ~Prince Edward. Island-- 166
50. 1863 -- Aug 19, Steamer *City of Madison* ammunition Explosion, Vicksburg, MS --50-163
51. 1800 -- Feb 01, U.S. Frigate *Constellation* engagement with French *La Vengeance*¹⁶⁸⁹ -- 160
52. 1858 -- Jun 13, *Pennsylvania* boiler explos./fire, MS Ri., Hardin Pt. ~Austin MS/Helena AR --60-160
53. 1879 -- Feb 20-21, Storm, ~13 Gloucester, MA Schooners Lost, George's Bank, NF-143-157
54. 1840 -- Jan 13, Steamer *Lexington* Fire/Sinks, Long Island Sound, NY --118-156
55. 1832 -- Apr 9, Steamer *Brandywine* Burns, Miss. River, Brandywine Island, AR --60-155
56. 1895 -- May 27, Storm, *Colima* (SF, CA) Founders off Manzanilla, Mexico -- 153
57. 1849 -- Nov 15, Steamboat *Louisiana* Boiler Explosion, New Orleans, LA --86-150
58. 1864 -- Jul 21, *B.M. Runyan* Snags/Sinks, MS River, Island 84, Gaines Landing, MS--50-150
59. 1865 -- Nov 24, *Niagara* Sinks, Collis. with *Post Boy*, MS River ~Prairie Point AR --75-150
60. 1898 -- Feb 05, Storm, *Clara Nevada* Grounds/Explodes, ~Eldred Rock, AK --33-150
61. 1829 -- Sep 29, Brig USS *Hornet* Disappears, Gale off Tampico, Caribbean -- 145
62. 1838 -- June 14, Steamer *Pulaski* Boiler Explodes/Sinks off Cape Lookout, NC --100-141
63. 1901--Feb 22, *City of Rio de Janeiro* Grounds/Sinks, Fog, Fort Point, SF Bay CA¹⁶⁹⁰--127~140
64. 1944 -- Jan 03, USS *Turner*, Ammunition Explosions, Sinks, NY Harbor, NY -- 138
65. 1934 -- Sep 08, S.S. *Morro-Castle* Ship Fire, off Coast of Sea Girt, NJ --126-137
66. 1841 -- Mar 11, Steamer *President* sails from New York, not heard from again -- 136
67. 1906 -- Jan 22, Storm, *Valencia* Grounds/Sinks south side Vancouver Island, BC --117-136
68. 1852 -- Apr 09, Steamboat *Saluda* Boiler Explosion, Missouri Riv., Lexington, MO --37-135
69. 1815 -- Aug 08, Last sighting of Sloop-of-War USS *Epervier*, Lost, Atlantic Ocean -- 134
70. 1967 -- July 29, USS *Forrestal*, Rocket Explosion and Fire, Gulf of Tonkin ops. -- 134
71. 1705 -- Dec 19-21, Privateer *Castle Del Rey*, Grounds/Breaks-up, Sandy Hook, NJ -- 132
72. 1838 -- Apr 21, Steamer *Oronoko* Flue Collapse/Explos., Miss. River, Princeton, MS-50-130

¹⁶⁸⁶ Cross-listed under Hurricane, though there is some question that the hurricane was the primary factor.

¹⁶⁸⁷ Later reports deny this event happened. It is not included in our numbers – listed to show it is nor an oversight.

¹⁶⁸⁸ While not on or near U.S. soil, the *Pacific* was a U.S. vessel, built in U.S., and manned with a primarily U.S. crew. Was considered a U.S. disaster at the time.

¹⁶⁸⁹ Cross-listed in Violence-Attack.

¹⁶⁹⁰ Cross listed in Fog as a Contributing Factor.

73. 1851 -- Jan 27, Steamboat *John Adams* Snags/Sinks, Miss. River, ~Greenville, MS --100-130

MARITIME Disasters -- Master Set -- Deadliest American -- By MORTALITY (Cont.)

74. 1963 -- Apr 10, *USS Thresher* Submarine Sinks, Implosion -- 129
75. 1873 -- Aug 24, “Nova Scotia” Hurricane Sinks Fishing Fleet from Gloucester MA¹⁶⁹¹-- 128
76. 1915 -- May 07, RMS *Lusitania* Torpedoed, German Sub (1,198 killed)¹⁶⁹² -- 128
77. 1893 -- Oct 1-2, Hurricane Cheniere Caminanda, Gulf Coast, LA, MS, AL¹⁶⁹³ --123-127
78. 1919 -- Sep 9-10, Hurricane, *Corydon, Grampus, Larimer, Lake Conway, Munisla* lost-- 127
79. 1871 -- July 30, Staten Island Ferry *Westfield II* Boiler Explosion, NY Harbor, NY --86-126
80. 1865 -- Aug 09, *Pewabic* collides with *Meteor*, Sinks, Lake Huron, off Alpena, MI --32-125
81. 1862 -- Feb 24, Blow of 1862, 15 Gloucester MA Boats Lost, Georges Bank -- 122
82. 1888 -- Mar 11-14, East Coast “Blizzard of 1888,”¹⁶⁹⁴ Maritime Loss component -- 121
83. 1912 -- Apr 14, RMS *Titanic* Hits Iceberg/Sinks (1,517 total fatalities¹⁶⁹⁵) Atlantic -- 119
84. 1837 -- Jan 2, Barque *Mexico* Grounds, Hempstead Beach, S. Shore Long Island, NY -- 116
85. 1941 -- Oct 31, USS *Reuben James* Sunk, German Submarine, near Iceland¹⁶⁹⁶ -- 115
86. 1883 -- Nov 12-14, Gales, nine Gloucester, MA Fishing Schooners lost, Georges Bank-- 114
87. 1944 -- Jan 06, USS *St. Augustine & Camas Meadows* Collide off Cape May, NJ -- 115
88. 1908 -- Sep 20, Ship *Star of Bengal* Grounds, Coronation Island, AK -- 112
89. 1800 -- ~Sep, Revenue Cutter Brig USS *Pickering* Lost, Gale/Hurricane off FL¹⁶⁹⁷ --70-105
90. 1878 -- Jan 31, Steamer *Metropolis* Wrecks, gale, south of Jones Hill Station, NC --85-104
91. 1868 -- Apr 9, Sidewheel *Sea Bird* Burns/Sinks, Lake Mich., off Waukegan, IL --67-103
92. 1877 -- Nov 24, Storm, Navy warship USS *Huron* Grounds, Nags Head, NC --83-103
93. 1884 -- Jan 18, *City of Columbus* hits Devil’s Bridge reef, ~Martha’s Vineyard, MA --97-103
94. 1954 -- May 26, Explosions/Fire, U.S. Carrier *Bennington*, off Quonset Point, RI -- 103
95. 1778 -- Dec 26-27, Blizzard, New Eng., esp. MA and RI, brig *Arnold*, sloop *Stark* -- 101
96. 1822 -- May 8-July 24,¹⁶⁹⁸ Yellow Fever, U.S. Frigate *Macedonian*, Caribbean -- 101
97. 1880 -- Oct 15/17, Sidewheel Steamer *Alpena* Sinks, Lake MI Stm., ~Holland, MI -57-101
98. 1700 -- Sep 14, Hurricane, *Rising Sun* wrecked, Ashley River bar, Charleston, SC¹⁶⁹⁹ -- ~100
99. 1837 -- Oct 09, Storm, Steamship *Home* Shipwrecks at Ocracoke Island, NC¹⁷⁰⁰ --90-100
100. 1844 -- Jan 03, Steamboat *Shepherdess* Snags/Sinks, 3M No of St. Louis, MO --57-100
101. 1844 -- Oct 23, *Lucy Walker* boiler explosion/fire, Ohio River, ~New Albany IN --18-100
102. 1847 -- Nov 19, *Talisman* collides *Tempest*, sinks, MS Ri., Cape Girardeau, MO 40-100
103. 1850 -- Dec 13, Steamer-Tug *Anglo-Norman* Boiler Explos., ~New Orleans, LA 20-100
104. 1851 -- Sep 28, Steamer *Brilliant* Boiler Explos., Miss. River, Bayou Goula, LA 90-100
105. 1856 -- Sep 24, Sidewheel *Niagara* Burns/Sinks, Lake MI, off Port Washington WI -- 100

¹⁶⁹¹ Cross-listed here as a subset of Hurricane (total fatalities >600).

¹⁶⁹² Though a British boat, 128 U.S. citizens were killed; considered a disaster at the time.

¹⁶⁹³ This is a subset of 1,700-2,000 cross-listed hurricane fatalities, and is a minimum representation of maritime, especially fishing craft, losses, which is a tally of craft identified by name and numbers of crew lost.

¹⁶⁹⁴ Cross-listed in Winter Storms – Nor’easters

¹⁶⁹⁵ Of the 1,517 fatalities, 119 were U.S. citizens. The *Titanic* was headed for New York. (J.R. Henderson)

¹⁶⁹⁶ Cross-listed in Violence (Attack) – Member of Neutrality Patrol, prior to Pearl Harbor, declarations of war.

¹⁶⁹⁷ Cross-listed in Hurricanes.

¹⁶⁹⁸ The dates are from the time of the first reported case until sailing back to the Baltimore Navy Yard on July 24.

¹⁶⁹⁹ Cross-listed in Hurricanes.

¹⁷⁰⁰ Cross-listed in Hurricanes.

106. 1857 -- Nov 18, Storm, ~Twenty Coal Boats Sink, OH and MS Rivers ~Cairo IL -- ~100
 107. 1859 -- Feb 27, Steamer *Princess* Boiler Explos./Fire, MS Riv., ~Baton Rouge, LA-70-100
 108. 1866 -- Jan 30, Steamer *Missouri* Boiler Explosion, Ohio Riv. near Newburg, IN --60-100
 109. 1867 -- Jan 18, Steamer *Platte Valley* hits submerged wreck near Memphis, TN 60-100
 110. 1868 -- Dec 4, Steamers *United States & America* collide, OH Riv. ~Warsaw, KY--59- 100
 111. 1890 -- July 13, Severe Storm, Steamer *Sea Wing* Capsizes, Lake Pepin, MN --97-100
 112. 1900 -- Sep 12-13, Southeaster gale, off-shore Natives in boats, inshore, Nome AK¹⁷⁰¹>100

MARITIME Disasters -- Master Set -- Deadliest American -- By MORTALITY (Con't)

113. 1850 -- Oct 06, Storm, Emigrant (Irish) Ship *Saint John*, Wrecks, Scituate, MA -- 99
 114. 1915--Aug 14-15, United Fruit Co. Steamer *Marowijne* Sinks, Hurricane, Gulf of Mx.-87-98
 115. 1918 -- Sep 29-Oct, Navy Transport *Leviathan*, Influenza Epidemic, Atlantic Ocean -- 91
 116. 1839 -- Dec 15, Winter Gale, Maritime losses, MA coast/harbors, esp. Gloucester¹⁷⁰²-64-90
 117. 1852 -- July 28, Steamer *Henry Clay* Burns/Sinks, Hudson River, Yonkers, NY --70-90
 118. 1854 -- Mar 09, Steamer *John L. Avery* Snags, Miss. River, Black Hawk Pt., LA --12-90
 119. 1858 --Mar 1, Fire/Exposure Steamer *Eliza Battle*, Kemp's Landing ~Demopolis AL-29-90
 120. 1858 -- June-Nov, Yellow Fever, *Echo/27, Sparkling Wave/13, USS Susquehanna/46-->90*
 121. 1863 -- Aug 21, USS *Bainbridge* Capsizes, Hurricane, off Cape Hatteras, NC¹⁷⁰³ --80-90
 122. 1965 -- Nov 13, *Yarmouth Castle* Fire/Capsize/Sinks, Miami to Nassau, Bahamas -- 90
 123. 1836, Nov 21/22, storm, U.S. ship *Bristol* Wrecks, Far Rockaway Beach, Long Isl., NY-64-89
 124. 1918 -- Jul 5, Fog, Steamer *Columbia* Snags/Sinks, IL Riv., Wesley City, Pekin, IL--87-89
 125. 1943 -- Oct 21, Collision, Tankers *GulfBelle & GulfLand* ~Lake Worth Inlet, FL -- 88
 126. 1871 -- Jan 28, Steamboat *W. R. Arthur* Boiler Explosion,, near Memphis, TN --60-87
 127. 1872 -- Oct 33, Screw Steamer *Missouri* Fire off Abaco Light, Lucaya, Bahamas --50-87
 128. 1781 -- Mar 18, Gale, Continental Sloop *Saratoga* Lost off the Bahamas¹⁷⁰⁴ -- ~ 86
 129. 1907 -- Jul 21, Collision, Steamer *Columbia & San Pedro*, off Shelter Cove, CA¹⁷⁰⁵ --80-86
 130. 1943 -- June 1, Collision, MM *John Morgan*, Tanker *Montana*, Cape Henry VA -- 86
 131. 1982 -- Feb 15, Storm, *Ocean Ranger* oil rig sinks, Grand Banks, Canada¹⁷⁰⁶ --84 (15 US)
 132. 1852 -- Apr 03, Steamer *Glencoe* Boiler Explosion, St. Louis, MO --60-83
 133. 1868 -- Mar 18, Steamer *Magnolia* Boiler Explos./Fire, OH Riv., ~Cincinnati OH --35-83
 134. 1778 -- Dec 25, Stm., Brig. *General Arnold* Grounds, White Flats, Plymouth Bay MA-- 81
 135. 1813 -- Aug 8, Schooners USS *Hamilton & Scourge* Capsize, Squall, Lake Ontario -- >80
 136. 1844 -- Mar 01, Collision, *Buckeye/De Soto* MS River, near Atchafalaya, LA --50-80
 137. 1847 -- Dec 29, Steamer *A.N. Johnston* Boiler Explosion, Ohio Riv., ~Maysville KY-60-80
 138. 1855 -- Jan 27, Steamer *Pearl* Boiler Explos., Sacramento River, Marysville, CA --40-80
 139. 1929 -- Aug 29/30, Steamer *San Juan* hit by *S.C.T. Dodd*, sinks off Pigeon Pt. CA --71-78

¹⁷⁰¹ This was a hurricane-like southeaster gale which produced a storm surge into Nome, Alaska and high waves that destroyed buildings along the waterfront. While we have seen reference to 18-19 specific deaths at Nome, mostly drowning, we are cross-listing in Maritime in that over 100 Natives were reported to have drowned trying to cross from Kings Island to the mainland in umiaks.

¹⁷⁰² Cross-listed in Winter Storms.

¹⁷⁰³ Cross-listed in Hurricanes.

¹⁷⁰⁴ An estimate based upon U.S. Navy note on the size of the ship's "complement." U.S. Navy. *Dictionary of American Naval Fighting Ships*, "Saratoga."

¹⁷⁰⁵ Cross listed in Fog as a Contributing Factor.

¹⁷⁰⁶ Sixty-eight Canadians, one Englishman, and fifteen Americans

140. 1976 -- Oct 20, Tanker *Frosta* hits Ferry *George Prince*, Lower Miss. River, LA -- 77
 141. 1845 -- Dec 18/19, Steamer *Belle Zane* Snags/Capsizes, MS River, Island No. 75 --30-76
 142. 1862 -- Aug 13, USS *George Peabody* & *West Point* Collide, Potomac River, VA --70-76
 143. 1903 -- Sep 15-17, Maritime Component, Mid-Atlantic Coast Hurricane¹⁷⁰⁷ --90-107
 144. 1857 -- Nov 21, Steamer *Rainbow* fire/sinks, MS Ri., Victoria Bend, Napoleon AR --20-75
 145. 1862 -- Feb 27, Steamboat *Prince* Snags and Sinks, Miss. River, near Hickman, KY --74-75
 146. 1864 -- Feb-Mar (esp. Mar 22), 8 Gloucester, MA Fishing Schooners Lost at Sea --74-75
 147. 1871 -- Jan 14, Steamboat *T.L. McGill* Burns, Miss. River, Shoo-Fly Bar, MS --15-75
 148. 1871 -- Aug 27, Steamboat *Ocean Wave* Boiler Explos., Point Clear ~Mobile, AL --34-75
 149. 1873 -- Aug 08, Steamer *Wawaset* Burns, Potomac River, off Aquia Creek, VA --13-75
 150. 1893 -- Oct 13-14, Great Lakes Storm, *Dean Richmond*, *Wocoken*, others, lost --65-73
 151. 1969 -- June 3, Collision, *USS Frank E. Evans*/Carrier *Melbourne*, S. China Sea -- 73
 152. 1857 -- Mar 13, Schooner *Kamamalu* sails from Honolulu for Hilo, Lost -- ~70-72
 153. 1870 -- Oct 20, Hurricane, Steamer *Varuna* Capsizes, 35m NE Jupiter Inlet, FL¹⁷⁰⁸ --36-72
 154. 1932 -- Sep 09, Explosion & Fire, Steam Screw *Observation*, East River, NY -- 72
 155. 1849 -- Early May~May 10, Cholera, Steamer *Monroe*, St. Louis to Jefferson City¹⁷⁰⁹ --63-70
 156. 1850 -- Mar 4, Steamer *Orline St. John* Burns, AL Riv. ~Bridgeport Landing, AL --30-70
 157. 1850 -- Apr 28, Steamer *General Anthony Wayne* Explosion, Lake Erie, OH --30-70
 158. 1859 -- Apr 24 sidewheel *St. Nicholas* boiler explos./fire, Helena Isl. (No. 60) AR --50-70
 159. 1872 -- Aug 30, Propeller *Metis* hits Sch. *Nettis Cushing*, sinks off Watch Hill, RI --20-70
 160. 1875 -- Nov 9, Steamship *City of Waco* Burns, off Galveston Bar, TX --49-70
 161. 1883 -- May 03, American Steamer *Grapples*, Puget Sound to Alaska, Burns, off BC-- 70
 162. 1901 -- Aug 14, Steamer *Islander* hits Iceberg, off Douglas Island, near Juneau, AK--42-70

MARITIME Disasters – Deadliest American -- Master Set – By MORTALITY (Con't)

163. 1869 -- Feb 12, Steamer *Mittie Stephens* fire, Caddo Lake ~Swanson's Landing TX --61-69
 164. 1880 -- Aug 28, *City of Vera Cruz* Sinks in Hurricane off Mosquito Inlet, FL¹⁷¹⁰ -- 68
 165. 1882 -- Feb 5?, Gale, Gloucester Schs. *Bellerophon*, *Carroll*, *Pew*, *Revere*, *Somes*, GB --67
 166. 1918 -- May 1, Steamship *City of Athens* Sinks in Collision off Coast of DE -- 67
 167. 1857 -- May 31, Steamboat *Louisiana* Burns, off Galveston, TX --35-66
 168. 1846 -- Sep 19, Gale, 11 Fishing Schooners Lost, out of Marblehead, MA -- 65
 169. 1867 -- Feb 17, Steamer *David White* Boiler Explos., MS River, Pt. Chicot, MS --60-65
 170. 1905 -- July 21, USS *Bennington* Gunboat Boiler Explosion, San Diego, CA --60-65
 171. 1914 -- Sep 18, Steamer *Francis H. Leggett* Founders, Storm, off Coast of OR -- 65
 172. 1902 -- Apr 20, Steamer *City of Pittsburg* Fire, OH Riv., ~Ogden's Landing, KY -- 64
 173. 1919 -- Jan 10, Steamer *Yuna* Grounds, Monchoir Bank, Bahamas -- 64
 174. 1815 -- Jan 23, Portland ME Privateer *Dash* lost, presumably on George's Bank -- 63
 175. 1945 -- Jan 21, USN Plane Bombs Explode USS *Hancock* landing, South China Sea-- 62

¹⁷⁰⁷ Cross-listed in Hurricanes (total life lost, 125) – includes Sch. *George F. Edmunds* (15 lives lost)

¹⁷⁰⁸ Cross-listed under Hurricanes.

¹⁷⁰⁹ Counted as well in 1849 Cholera listing. We have not yet been able to break out the number of people dying on the *Monroe*, as opposed to those who died from the *Monroe* after landing, and the citizens who were infected with cholera and subsequently died in Jefferson City and in Cole County. Thus, it is conceivable the number dying on the *Monroe* was less than sixty-three. Talked with member of Jefferson City, MO, Historical Society 4-27-2015, who indicated he would seek to research to clarify the fatalities.

¹⁷¹⁰ Cross-listed in Hurricanes.

176. 1856 -- Mar 15, Steam Ferry *New Jersey* Fire,, Delaware Ri., Philly to Camden, NJ --30-61
 177. 1864 -- Nov 12, Navy Gunboat *Tulip* Boiler Explosion, Ragged Point, MD --49-61
 178. 1777 -- Privateer *The Gloucester* Lost, out of Gloucester, MA -- ~60
 179. 1823 -- Feb 08, Steamboat *Tennessee* Snags, Mississippi River, ~ Natchez, MS -- 60
 180. 1825 -- May 5, Steamer *Teche*, Explos. MS R., St. Catherines Creek, ~Natchez MS --15-60
 181. 1830 -- Feb 24, Steamboat *Helen McGregor* Boiler Explosion, Memphis, TN --33-60
 182. 1833 -- June 7, Steamer *Peruvian* Boiler Explosion, MS River, ~New Orleans LA¹⁷¹¹50-60
 183. 1838 -- Jun 16¹⁷¹², *George Washington* (2d) Burns, Lake Erie, ~Silver Creek, NY --20-60
 184. 1838 -- Nov 25, *General Brown* Boiler Explosion, Mississippi River, Helena, AR --30-60
 185. 1846 -- Feb 14/15, Winter Snow Storm, *John Minturn* & other boats wreck, NJ --50-60
 186. 1851 -- Mar 2, Steamer *Oregon* Boiler Explos./Fire, Island No. 82, MS River, MS --18-60
 187. 1851 -- May 02, Cincinnati Steamer *Webster* Burns, MS Riv., Kentucky Bend KY --40-60
 188. 1854 -- Jan 28, Steamboat *Georgia* Fire, Lake Pontchartrain, LA --25-60
 189. 1854 -- Mar 05, Steamboat *Caroline* burns near mouth of White River, AR --45-60
 190. 1866 -- May 31, *City of Memphis* Explodes/Burns, MS Riv., off Buck Island MS --11~60
 191. 1868 -- Jun 20, Steamer *Morning Star* / *Cortland* Collide, Lake Erie, ~Avon Pt. OH--25-60

MARITIME Disasters – **Master Set** -- Deadliest American – **By MORTALITY** (Cont.)

192. 1867 -- Jan 17, Steamer *John Raine* Burns, Mississippi River, Greeneville, MS -- 59
 193. 1916 -- Oct 20-21, *Merida, D.L. Flyer, James B. Colgate* Sink, Storm, Lake Erie --54-59
 194. 1856 -- Jul 17, *Northern Indiana* Burns, L. Erie (Buffalo-Toledo) ~Pt. Pelee, Ont.` -- 58
 195. 1918 -- Fall/Winter, Cruiser *Pittsburgh*, Influenza Epidemic, Rio de Janeiro Brazil -- 58
 196. 1926 -- Dec 20, Motor Launch *Linseed King* hits Ice, Sinks, Hudson River, NYC --35-58
 197. 1882 -- July 04, *Scioto* sinks, hit by *John Lomas*, OH River, Mingo Junction, OH --56-57
 198. 1921 -- Mar 21, Ocean-going Tug USS *Conestoga* leaves Mare Island, CA, Lost -- 56
 199. 1856 -- Oct 24, *Toledo* Sinks, Lake Michigan Storm, off Port Washington, WI --30-55
 200. 1842 -- July 3, Steamboat *Edna* Boiler Explos., near Mouth of MO River, MO -- 55
 201. 1883 -- Dec 28, Gloucester Schs. *Stetson, Knutsford, Irving, Maddocks* lost, Gale, --52-55
 202. 1913 -- Mar 07, Harbor/Ship (*Alum Chine*) Dynamite Explosion, Baltimore, MD¹⁷¹³-- 55
 203. 1918 -- Sep 20-Oct 2, Navy Transport *America*, Influenza Outbreak, Atlantic/France-- 55
 204. 1925 -- Aug 18, Steamer *Mackinac* Boiler Explosion, Narragansett Bay, RI --47-55
 205. 1944 -- Apr 19, U.S. Liberty Ship *John Straub* Explodes/Sinks off Sanak Island, AK-- 55
 206. 1856 -- Oct 29/30, Stmr. *Superior* Grounds, Lake Sup. Storm, Pictured Rocks, MI --34-54
 207. 1878 -- Oct 21-24, Hurricane, Maritime Loses, NC, VA, MD, DE, PA, NJ, CT¹⁷¹⁴ -- 54
 208. 1848 -- Aug 12 , Steamer *Edward Bates*, Boiler Explosion, MS Riv., Hamburg, IL --40-53
 209. 1851 -- Feb?, Steamboat *Arkansas*, Tallapoosa River, Mobile to Wetumpka, AL -- 52
 210. 1904 -- Jan 8, Storm, Steamer *Clallam* Sinks, San Juan de Fuca Straits, WA -- 52
 211. 1929 -- Oct 22, Rail Car Carrier *Milwaukee* Sinks, Lake MI Storm ~Kenosha, WI --46-52
 212. 1840 -- May 7, Steamboat *Hinds* sunk, Tornado, Natchez, MS¹⁷¹⁵ -- 51

¹⁷¹¹ One report states that there was a boiler explosion above New Orleans, another that it happened in Natchez MS, one which does not indicate location other than MS River between New Orleans and Louisville, and one which states that the explosion did not occur.

¹⁷¹² There are conflicting reports as to the exact date as well ambiguity in others, but it would appear that June 16th is the correct date.

¹⁷¹³ Cross-listed in Explosions.

¹⁷¹⁴ Land & Maritime losses cross-listed in Hurricane.

213. 1919 -- Nov 7-9, Baltimore MD Steamer *Polar Land* founders off Scatarie Isl. NS -- 51
 214. 1956 -- July 25, *Andrea Doria* and *Stockholm* collide, Fog off Nantucket Isl., MA¹⁷¹⁶-- 51
 215. 1820 -- Jan 11, Last sighting of Schooner USS *Lynx*, St. Mary's, GA to Jamaica -- 50
 216. 1837 -- Dec 27, *Black Hawk* Boiler Explos./Fire, MS River, Black Hawk Pt., LA --30-50
 217. 1845 -- July 1, Steamboat *Marquette* Boiler Explosion, New Orleans, LA --13-50
 218. 1846 -- Nov 21, Steamers Collide, *Maria* Sinks, Miss. River, near Natchez, MS --30-50
 219. 1848 -- May 27, Boiler Explosion, Steamer *H. Kenney*, Tombigbee River, AL -- 8-50
 220. 1848 -- Dec 22, Cholera, Steamboat *Peytona* arrives at Louisville from New Orleans¹⁷¹⁷ 50
 221. 1849 – sometime after Apr 21, Cholera on Steamboat *Mary*, MS Riv. before St. Joseph- 50
 222. 1850 -- Oct 29, Steamboat *Sagamore* Boiler Explosion, San Francisco, CA --20-50
 223. 1854 -- Apr 15, Steamer *Secretary* Explosion, SF Bay, ~ San Pablo Bay, CA -- 50
 224. 1856–Nov 4, *J.S. Brooks* Founders, Stm., Lake Ont., ~Oswego & Sacket's Harbor, NY--50
 225. 1859--Mar 28, Collis. Steamers *Nathaniel Holmes* / *David Gibson*, Petersburg, KY --15-50
 226. 1860 -- June 24, Steamer *Ben. W. Lewis* Boiler Explosion, Cairo, IL --23-50
 227. 1874 -- Aug 5, Steamboat *Pat Rogers* Burns, Ohio River below Aurora, IN --47-50
 228. 1880 -- June 11, Steamer *Narragansett* hit/burns/sinks, Fog, off Saybrook, CT¹⁷¹⁸ --27-50
 229. 1880 -- June 28, Stmr. *Seawanhaka* Explodes/Burns, East River, Randall's Isl., NY --24-50
 230. 1887 -- Oct 29, Steamer *Vernon* Founders, Lake MI. Storm, off Sheboygan, WI --30-50
 231. 1915 – Aug 16-17, Dredgeboat *Sam Houston* Grounds, Hurricane, Highland, TX¹⁷¹⁹-- 50

MARITIME Disasters -- Master Set -- Deadliest American -- By MORTALITY (Cont.)

232. 1915 -- Apr 03, Shipwreck, Steamer *Prinz Maurits*, off Cape Hatteras, NC -- 49
 233. 1947 -- Nov 24, storm, Army transport *Clarksdale Victory* grounds, Hippa Isl., BC¹⁷²⁰-- 49
 234. 1865 -- Dec 26-27, fog, Steamer *Constitution* grounds, Cape Lookout shoals, NC¹⁷²¹-30-48
 235. 1924 -- Jun 12, Battleship *USS Mississippi* Gun Turret Cordite Fire off San Pedro, CA-- 48
 236. 1865 -- Oct 15, Steam. *Atlanta*, N.O., LA to NYC sinks/storm, off Sandy Hook, NJ --45-47
 237. 1916 -- May 09, Steamer *Roanoke* Founders off Point Buchon, CA --45-47
 238. 1930 -- Jun 10, Fog/Collision/Fire, *Fairfax*/Oil Tanker *Pinthis*, off Scituate, MA¹⁷²²--45-47
 239. 1989 -- Apr 19, *USS Iowa* No. 2 Turret Explosion, Near Puerto Rico -- 47
 240. 1993 -- Sep 22, Fog, Barge hits bridge, Amtrak train derailed into water/fire, ~Mobile, AL¹⁷²³ 47
 241. 1820 -- Mar 6, USN Chartered Schooner *Quaker* Sinks in Gale, Chesapeake Bay --41-46
 242. 1854 -- Mar 13/14, Burst Flue, *Reindeer*, Ohio River, Cannelton, IN --38-46
 243. 1858 -- Spring, *USS Susquehanna*, Yellow Fever Outbreak, off San Juan, PR -- 46
 244. 1889 -- Oct 3, Steamer *Corona* Boiler Explos., Mississippi River, False River, LA --38-46

¹⁷¹⁵ Cross-listed in Tornado. 586 people estimated to have been killed due to this tornado.

¹⁷¹⁶ Cross-listed in Fog as a Contributing Factor. The *Andrea Doria* was an Italian liner and the *Stockholm* was Swedish. Noted herein because the collision occurred in U.S. waters. 46 passengers died on the *Andrea Doria* and 5 sleeping crewmen died on the *Stockholm*.

¹⁷¹⁷ McClellan in his *History of the Travels of Asiatic Cholera...In North America* (1875, p. 611), writes that in addition to these fifty deaths a number of passengers subsequently succumbed to cholera at the Marine Hosp. there.

¹⁷¹⁸ Cross-listed under Fog as a Contributing Condition.

¹⁷¹⁹ Cross-listed in Hurricanes as a subset. There were 275-352 total fatalities.

¹⁷²⁰ Part of Canadian Graham Island group just south of southern point of Alaska's Alexander Archipelago.

¹⁷²¹ Cross-listed in Maritime.

¹⁷²² Cross-listed in Fog as a Contributing Condition.

¹⁷²³ Cross-listed in Fog as a contributing factor and in Rail.

245. 1935 -- Jan 25, Liner SS *Mohawk*/Freighter *Talisman*, Collision, off NJ/NY -- 46
 246. 1942 -- Jan 24, USS *S-26* Accidentally rammed/sunk by PC-460, Gulf of Panama -- 46
 247. 1952 -- Jan 09, SS *Pennsylvania* Founders 665 miles off Cape Flattery, WA -- 46
 248. 1951 -- Sep 01, Deep-Sea Fishing Boat Capsizes off Montauk Pt. , Long Island, NY--37-45
 249. 1866 -- Dec 27, Steamer *Fashion* Fire, 7-12 miles above Baton Rouge, LA -- 43
 250. 1902 -- Jan 2, Steamer *Walla Walla* hit by bark *Max*, 9m off Cape Mendocino, CA --36-43
 251. 1846 -- Nov 27, *Atlantic* steam explos., Grounds, Reef, gale ~Fisher's Island, NY -- 42
 252. 1852 -- Jan 31, Steamer *General Warren* Grounds/wrecks, Columbia Riv. Bar, OR --40-42
 253. 1862 -- Feb 23, Confederate Steamer *Cambridge* Snags, Grand Glaise, AR -- 42
 254. 1871 -- Apr 02, Gale, Gloucester, MA Schs. *Lindberg*, *Pride*, *Murray*, *Hough* lost -- 42
 255. 1894 -- Jun 14, Steam Tug *James D. Nicol* Overloaded, Founders Sandy Hook NJ --35-42
 256. 1906 -- Nov 18, Steamer *Dix* Collis. *Jeanie*, Sinks, Puget Sound WA -- 42
 257. 1921 -- Jan 20, Steamer *Hewitt* sails from Sabine TX for Boston MA, Lost -- 42
 258. 1921 -- Aug 06, Steamer *Alaska* Grounds off Blunts Reef, CA -- 42
 259. 1943 -- Jun 12, U.S. Navy Submarine *R-12* Sinks Accidentally, Lower FL Keys -- 42

MARITIME Disasters – Master Set – Deadliest American -- By MORTALITY (Cont.)

260. 1819 -- Jul 27, Hurricane, US *Firebrand* grounds, 'Square Handkerchief,' MS¹⁷²⁴ --39-41
 261. 1848 -- May 27, Str. *Clarksville* Burns, MS R., ~Isl. 75/Ozark Isl. ~Napoleon AR --20-41
 262. 1864 -- Jun 3, Steamer *Pocahontas* sinks, *City of Bath*, collision, off Cape May, NJ --40-41
 263. 1898 -- Mar 20/21, Bark *Helen W. Almy* capsizes near Point Bonita, CA --40-41
 264. 1916 -- Aug 29, Cruiser USS *Memphis* driven to shore by giant waves, Dom. Rep. -- 41
 265. 1914 -- Jan 30, Steamers *Monroe* & *Nantucket* Collide, fog off Hog Island, VA¹⁷²⁵ -- 41
 266. 1766 -- Mar, Storm, 7 Gloucester MA Fishing Boats Sank, Grand Bank -- ~40
 267. 1792 -- Jul 1, Storm or Tornado, Philadelphia and NYC, Boaters Drown -- ~40
 268. 1811 or 12 -- Oct 05, USS *Gun Boat # 2*, Sinks in Gale off St Mary's GA -- 40
 269. 1829 -- Jun 4, Magazine Explos., Steam Frigate *Fulton*, Navy Yard, Brooklyn¹⁷²⁶ --24-40
 270. 1833 -- Nov, Steamship *Caspian* Burns, near Mouth of Red River, LA --25-40
 271. 1833 -- Oct 31, Steamer *St. Martin* Burns, Mississippi River, Donaldsonville, LA --30-40
 272. 1835 -- May 15, Steamboat *Majestic* boiler collapse/explosion, Memphis TN --38-40
 273. 1842 -- Oct 8, *S.B. Eliza* Snags/Sinks, MS Ri. ~5m above mouth OH Ri, IL Shore --30-40
 274. 1845 -- Apr 07, Steamer *Swallow* Grounds, Hudson River, near Athens, NY --15-40
 275. 1845 -- Dec 11, Steamer *Caspian* Snags/Sinks, MS Riv., Island No. 25, AR -- 40
 276. 1850 -- Jan, Steamboat *Dove*, Cholera, Ouachita River, AR and LA --30-40
 277. 1850 -- Dec 17, Steamboat *South America* Burns, MS River, near Bayou Sera, LA --27-40
 278. 1852 -- Jan 25, Steamboat *De Witt Clinton* Snags, near Memphis, TN --36-40
 279. 1852 -- Apr 03, Steamer *Redstone* Boiler Explosion, Ohio River ~Carrolton, KY --14-40
 280. 1852 -- July 05, Steamer *St. James* Explodes Lake Pontchartrain, LA --30-40
 281. 1865 -- May 29, Stm. *Governor Troup* burns Savannah Ri., below Augusta, SC shore-- 40
 282. 1872 -- Apr 11, Steamer *Oceanus* Boiler Explosion, MS. River, Brook's Point, IL -- 40
 283. 1875 -- Nov 18 Sch. *Sunshine* Strands, Columbia mouth, ~Cape Foul-Weather OR --20-40
 284. 1885 -- Oct 12, Last sighting of Whaling Bark *Amethyst* of SF, CA on Arctic Trip -- 40

¹⁷²⁴ Cross-listed under Hurricane.

¹⁷²⁵ Cross-listed in Fog as a Contributing Condition.

¹⁷²⁶ Cross-listed in Explosions.

285. 1886 -- Dec 13, Steamer *J. M. White*, Fire & Explosions, near Point Coupee, LA --15-40
 286. 1887 -- Nov 17-19, Northeaster, Lake Superior, Thirty Shipwrecks -- ~ 40
 287. 1888 -- Feb 27, Ferryboat *Julia*, Boiler Explosion/Fire, South Vallejo, CA --30-40
 288. 1903 -- Nov 1, Storm, Steamer *Discovery* founders (all lost), off SE AK Coast --26+-40
 289. 1920 -- Apr 18, Storm Steamer *William O'Brien*, NYC, Lost in Atlantic -- 40
 290. 1927 -- Dec 17, Sub *USS S-4* struck, CG *Paulding* ~ Provincetown, MA -- 40

MARITIME Disasters -- Master Set -- Deadliest American -- By MORTALITY (Cont.)

291. 1851 -- Nov 27, *Archer* collision/sinks, Upper MS, Enterprise Isl. near Grafton IL --28-39
 292. 1860 -- Oct 31, Steamer *H.R.W. Hill* Boiler Explosion, Baton Rouge, LA -- 39
 293. 1870 -- Dec 18, *Nick Wall* Snags/Sinks Miss. River, ~Napoleon, AR & Princeton, MS-- 39
 294. 1886 -- Nov 15-18, Great Lakes Region Storm, Maritime Disaster -- 39
 295. 1913 -- Jan 1-25, Steamer *El Dorado* Lost, from Sparrow Point MD to Galveston -- 39
 296. 1951 -- Apr 20, Esso *Greensboro*/Esso *Suez* Collide in Fog, Gulf of Mexico¹⁷²⁷ -- 39
 297. 1953 -- Oct 16, Carrier *USS Leyte* explos./fire, S. Boston Naval Yard, Boston MA --37-39
 298. 1963 -- Feb 04, SS *Marine Sulphur Queen* Lost off coast of FL -- 39
 299. 1972 -- Feb 01, Lightning, Gas Explosion, Tanker *V.A. Fogg*, off Galveston, TX¹⁷²⁸ -- 39
 300. 1860 -- Jan 5, Steamer *Northerner* hits rock off Centerville Beach, S of Humboldt Bay CA-33-38
 301. 1878 -- Dec 10, Steamer *Emily B. Souder* Founders, Storm, off Cape Hatteras, NC --36-38
 302. 1900 -- Aug 7, Storm, Maritime Disaster, Nome and vicinity, AK -- 38
 303. 1918 -- Early Oct, Navy Transport *Siboney*, Influenza Epidemic, Atlantic Ocean -- 38
 304. 1919 -- Dec 18, Steamer *J.A. Chanslor* Hits Rocks, Wrecks, off Cape Blanco, OR -- 38
 305. 1806 -- Aug 21-24, Hurricane, Carolinas coastal/maritime, *Rose in Bloom* upset, NJ¹⁷²⁹ --37
 306. 1852 -- Sep 4, Steamboat *Reindeer* Boiler Explosion, Hudson River ~ Bristol, NY --28-37
 307. 1853 -- May 15, US (Baltimore built) *Monumental City* grounds, Tullaberga Is. Aus.-32-37
 308. 1883 -- Nov 16, Gale, Steamer *Manistee* lost, Lake Superior, ~Keweenaw Pen., MI --25-37
 309. 1889 -- Apr 06, Nor'easter, DE/MD/VA/NC, Chesapeake Bay, Many Vessels Lost --25-37
 310. 1910 -- Oct 11-14, Steamship *Arkadia* Lost, New Orleans, LA to San Juan, P.R. -- 37
 311. 1920 -- Feb 29, Steamer *Cubadist* Lost from Cuba to Baltimore, MD -- 37
 312. 1941 -- June 29, Cabin Cruiser *Don* Explodes and Burns off Bailey Island, ME -- 37
 313. 1944 -- Sep 12, Hurr., USN Minesweeper *YMS 409* Sinks, off Atl. Coast¹⁷³⁰ -- ~37
 314. 1954 -- Oct 07, SS *Mormackite* Founders, off the Virginia Capes, VA -- 37
 315. 1966 -- Jun 16 (& 28), Collision/Explosions/Fire, *Texaco Mass./Alva Cape*, off NY, NY¹⁷³¹ -- 37
 316. 1967 -- Oct 09, SS *Panoceanic Faith* (homeport NY) Founders, North Pacific --36-37
 317. 1987 -- May 17, *USS Stark* hit by Iraqi Air Force Mirage missiles, Persian Gulf¹⁷³² -- 37
 318. 1840 -- May 10, Schooner *Keola* sinks after ballast shifts, off Kahoolawe, Hawaii --26-36
 319. 1841 -- Feb 22, Fire, Steamer *Creole*, Miss. River, Torras, ~Red River Mouth, LA --12-36

¹⁷²⁷ Cross-listed in Fog as a Contributing Condition.

¹⁷²⁸ Cross-listed in Lightning and Explosions.

¹⁷²⁹ Cross-listed in Hurricanes. Majority of deaths were maritime (21 from *Rose In Bloom* off Barnegat Inlet NJ, alone). Sources note 42 deaths. We have seen references to only five on land (in the Wilmington, NC vicinity). Thus we surmise, for purposes of positioning in a tally, that something like (or approximately) 37 were maritime.

¹⁷³⁰ These fatalities are part of the 391 attributed to the "Great Atlantic Hurricane."

¹⁷³¹ Thirty-three deaths on June 16 (*Alva Cape*, 19; tug *Esso Vermont*, 8; *Texaco Massachusetts*, 3; and tug *Latin American*, 3) and four more on June 28 while the *Alva Cape* was being unloaded at Gravesend Bay.

¹⁷³² Cross-listed in Violence -- Attacks.

320. 1844 -- Dec 14, Collision, *Belle of Clarksville/Louisiana*, MS River, ~Memphis, TN-31-36
 321. 1850 -- Apr 22, *Belle of the West*, Fire/Boiler Explos.?, OH Riv., ~Warsaw, KY¹⁷³³ --34-36
 322. 1853 -- Mar 23, Racing, Steamer *Farmer* Boiler Explosion, Galveston Bay, TX --28-36
 323. 1854 -- Sep 12, Steamer *Malon* Sinks, Ohio River, near Paducah, KY -- 36
 324. 1865 -- Jan 26/27, Steamer *Eclipse* Boiler Explos., Tenn. River, Johnsonville, TN --27-36
 325. 1870 -- Oct 09, Sternwheel Steamer *Mariposa* Founders off Coast of FL -- 36
 326. 1880 -- May 04, Storm, fishing boats capsize, Columbia River mouth, OR and WA --15-36
 327. 1905 -- Mar 10, San Francisco Fishing Schr. *Pearl* Wreck Found, Unga Island AK --30-36
 328. 1909 -- Dec 08, Coal Ferry *Marquette & Bessemer # 2* Sinks, Lake Erie Storm --30-36
 329. 1913 -- Jan 07, Stm. *Rosecrans* Grounds, mouth Columbia Riv., Peacock Spit, OR --30-36
 330. 1915 -- Nov 03, Steamer *Orteantan* sails from NY, NY, not heard from again -- 36
 331. 1916 -- Dec 26, Storm, Steamer *Orleanian* Founders, Atlantic, out of NYC -- 36
 332. 1971 -- Mar 27, SS *Texaco Oklahoma* Breaks-up, Sinks, off Cape Hatteras, NC -- 36

MARITIME Disasters Master Set – Deadliest American -- By MORTALITY (Cont.)

333. 1841 -- Feb 13, Steamer *Lamplighter* Disabled/Sinks, Storm, East Pass, FL --19-35
 334. 1848 -- Jan 18, Steamboat *Yalobusha* Burns, Donaldsonville, LA -- 35
 335. 1855 -- June 30, Steamer *Lexington* Boiler Explos., Ohio River, ~Stephensport, KY --30-35
 336. 1860--Feb, Gloucester Ma Sch. *George Washington, Advance, W.S. Wonson, Relief* lost-35
 337. 1864 -- June 08, Fire Steamer *Berkshire*, Hudson River, Esopus Island, NY -- 35
 338. 1865 -- Mar 2, Union Transport *James Watson* Grounds/burns?, MS Riv., Isl. No. 76, AR-30-35
 339. 1882 -- Mar 30, Steamboat *Golden City*, Burns near Memphis, TN -- 35
 340. 1894 -- May 15-18, Great Lakes Storm, esp. Lake Mich., 23-28 Ships Founder --27-35
 341. 1898 -- Jan 31-Feb 1, Storm, Maritime Fatalities, MA Coast, esp. Gloucester area --17-35
 342. 1921 -- Oct 24, Last com. with Oil Tanker *Santa Rita*, New Orleans to Italy, Lost -- 35
 343. 1924 -- Mar 11, Shipwreck, Ward Line Steamer *Santiago*, off Hatteras, NC --25-35
 344. 1926 -- Apr 08, *Silvanns/Thomas H. Wheeler* Collide, Pointe A La Hache, LA -- 35
 345. 1941 --Aug 18, Fire, Pier 27, spreads to Freighter *Panuco*, burns/sinks, Brooklyn NY-34-35
 346. 1980 -- May 9, *Summit Venture* hits Sunshine Skyway Bridge, Collapse, Tampa FL¹⁷³⁴ -- 35
347. 1841 -- Steamer *Carolina* snags, Mississippi River, Osceola, AR -- 34
 348. 1851 -- Feb 09, *Autocrat/Magnolia* Collide ~Butler's Plantation, Iberville Par. LA --10-34
 349. 1861 -- Feb, Gloucester MA Schrs. *Sweepstakes, Young, Stanwood, White Swallow* lost- 34
 350. 1863 -- Aug 28, Steamer *Sunbeam* Sinks, Lake Sup. Storm, ~Keweenaw Pt., MI --25-34
 351. 1865 -- Oct 25, Steamer *Republic* (former USS *Tennessee*) Founders ~Savannah, GA-- 34
 352. 1886 -- Jan 8-10, Gale, Coast of NJ, NY and New England, Maritime Losses -- 34
 353. 1886 -- Oct 5, Flue Collapse/Fire, Steamer *La Mascotte*, Neely's Landing, MO -- 34
 354. 1888 -- Aug 22, Fog, Steamers *Oceanic & City of Chester* Collide, San Fran.¹⁷³⁵ --10-34
 355. 1898 -- May 22, Seattle Schooner *Jane Grey*, leaks, sinks, W of Cape Flattery, WA -- 34
 356. 1904 -- Apr 13, Battleship *Missouri*, Magazine Explosion, off Pensacola, FL¹⁷³⁶ --32-34
 357. 1916 -- Dec 26, Steamer *Maryland* Lost, Atlantic, 300 miles off NY --26-34

¹⁷³³ There were newspaper stories of 50-120 deaths. We use lower estimates found in government and later writings.

¹⁷³⁴ Cross-listed in Structural Failure, Bridge Collapse and in Road/Highway.

¹⁷³⁵ Cross listed in Fog as a Contributing Factor.

¹⁷³⁶ Cross-listed under Explosions.

358. 1932 -- Sep 27, Steamer *Nevada* hits rock off Aleutian Island Amatignak, AK -- 34
 359. 1936 -- Jan 12, Steamer SS *Iowa* Grounds/Sinks, Heavy Sea, Peacock Spit, WA -- 34
 360. 1940 -- Nov 11-12, Armistice Day Storm, Lake MI, Anna Minch, others lost -- 34
 361. 1980 -- Oct 24, SS *Poet* leaves Philadelphia for Egypt, lost, probably Oct 25-26 -- 34

MARITIME Disasters -- Master Set -- Deadliest American-- By MORTALITY (Cont.)

362. 1807 -- July, South Ferry scow Sinks, Hudson River, Albany, NY -- 33
 363. 1843 -- Sep 19, Steamboat *Clipper No. 1* Boiler Explosion, near Bayou Sara, LA --20-33
 364. 1859 -- Dec 18, Ship *Silas Holmes* Founders vicinity of Florida Keys, FL -- 33
 365. 1861 -- Nov 21-24, Storm, Buffalo NY Steamer *Keystone State* Sinks, Lake Huron --20-33
 366. 1864 -- Apr 15, Steamer *Chenango* Boiler Explos. NY Harbor ~Ft. Richmond NY --30-33
 367. 1887 -- July 10, Overloaded Sloop Yacht *Mystery* Capsizes, Canarsie Bay, LI, NY --24-33
 368. 1888 -- Dec 23, Steamer *Kate Adams* Burns, MS River, Commerce Landing, MS --14-33
 369. 1901 -- Dec, Steamship *Matteawan* lost off West Coast -- 33
 370. 1910 -- Mar 15, Tug USS *Nina* Lost, presumably Gale off Chesapeake Capes VA¹⁷³⁷-- 33
 371. 1916 -- Freight Steamer *Frederick* Lost at Sea, North Atlantic -- 33
 372. 1925 -- Sep 25, Sub USS *S-51* hit by *City of Rome*, Sinks, Block Island, RI -- 33
 373. 1941 -- June 19, USS *0-9* (SS-70) Lost, Deep Submerge. Test off Isle of Shoals, NH-- 33
 374. 1944 -- Sep 12, USS *YMS-409* Minesweeper founders off Cape Hatteras, NC¹⁷³⁸ --32-33
 375. 1958 -- Nov 18, MI Freighter *Carl D. Bradley* Sinks in Lake MI Storm, MI -- 33
 376. 2015 -- Oct 1, U.S. cargo ship *El Faro* sinks / Hurricane Joaquin, off east Bahamas¹⁷³⁹-- 33
377. 1846 -- Dec 08, Storm, U.S. Naval Brig *Somers* Capsizes off Vera Cruz, Mexico --30-32
 378. 1852 -- Aug 22, Flue Collapse, *Doctor Franklin No. 2*, Ste. Genevieve, MO -- 32
 379. 1871 -- Oct 15, *Coburn* Sinks, Lake Huron Storm, near Pointe aux Barques, MI -- 32
 380. 1872 -- Dec, 26, Storm, bark *Kadosh* wrecked, ship *Peruvian* lost, MA coast -- 32
 381. 1879 -- Nov 08, Steamer *Champion* Collision with Brit. Bark, Cape Henlopen DE --31-32
 382. 1913 -- Aug 17, Steamer *State of California* hits rock, Gambier Bay, Admiralty Is. AK--31-32
 383. 1914 -- Jan 04, Steamer *Oklahoma* breaks-up/sinks/rough sea, ~Sandy Hook, NJ --26-32
 384. 1948 -- May 31, USN Carrier *Kearsarge* Launch Swamped, Hampton Roads, VA --30-32
 385. 1979 -- Nov 1, tanker *Burmah Agate* collides with freighter *Mimosa*, Galveston, TX-- 32
386. 1804 -- Oct 9, “Winter” Storm (“Hurricane”), New England, especially coast of MA¹⁷⁴⁰≥31
 387. 1824 -- Oct 28, Schooner USS *Wildcat* Founders in Gale, Cuba to Thompson’s Isl. -- ~31
 388. 1853 -- Apr 11, Steamship *Jenny Lind* Boiler Explosion, Alviso to SF, CA -- 31
 389. 1866 -- Apr 26, Steamer *Windsor* Burned, Detroit River, Detroit, MI --20-31
 390. 1869 -- Mar 6-7, Gale, Gloucester Schrs. *Price, Porter, & Woodbury* lost, Georges Bk.--31
 391. 1889 -- May 13, Storm, Steamer *Alaskan* Founders off Cape Blanco, OR --15-31
 392. 1892 -- Sep 01, Storm, *Western Reserve* Sinks off Sable Banks, ~Deer Park, MI --26-31

¹⁷³⁷ *Lowell Sun* (MA) gives the date Feb 6, 1910 in “Shipping Disasters: Summary of the Accidents That Occurred Last Year,” March 21, 1910.

¹⁷³⁸ Cross-listed in Hurricanes, as part of subset of 390-412 deaths in Sep 9-15 “Great Atlantic Hurricane of 1944.”

¹⁷³⁹ Cross-listed in Hurricanes. There were twenty-eight U.S. nationals and five Polish nationals.

¹⁷⁴⁰ Cross-listed in Winter Storms in that this was a coastal severe snow storm and a significant drop of temperature. One additional live was lost on shore when part of one building was blown down through the roof of another.

393. 1910 -- Oct 1, Battleship *New Hampshire* Launch Capsizes, Hudson River, NY --23-31
 394. 1917 -- Sep 03, Bark *Alice Knowles* Founders 200 Miles Northeast of Bermuda -- 31
 395. 1934 -- Nov 9, Schooner *John R. Manta* lost after sailing from Providence, RI -- 31
 396. 1983 -- Feb 12, Gale, collier *Marine Electric* (34 crew) capsizes/sinks off Chincoteague, VA31

MARTIME Disasters – **Master Set** -- Deadliest American– **By MORTALITY** (Cont.)

397. 1804 -- Sep 7-9, GA and SC Hurricane (>500 deaths land and sea)¹⁷⁴¹ -- >30
 398. 1817 -- May 4, Steamer *Constitution* Boiler Explos., MS Riv., Point Coupee, LA --10-30
 399. 1828 -- May 14, *Car of Commerce* Boiler Explos., MS. River, Canadian Reach, AR-- 30
 400. 1834 -- Oct 24, *Missouri Belle* Sinks, Collision (*Boonslick*), ~Kenner & N.O., LA -- 30
 401. 1836 -- Mar 12-13, Steamboat *Ben Franklin* Boiler Explosion, Mobile, AL --11-30
 402. 1839 -- May 6, *George Collier* Steam Escape, Miss. River at Red River mouth, LA --26-30
 403. 1842 -- Nov 30, Coastal Storm, *Isadore* lost, Cape Neddock ME, also MA and NH --28-30
 404. 1845 -- Oct 27, Steamer *Plymouth* collides (*Lady Madison*), OH Ri. ~Shawneetown, IL--20-30
 405. 1846 -- Feb 13/14, Steamers *Congress* & *Saladin* Collide, MS Riv. KY Bend, KY --15-30
 406. 1846 -- Jun 27, Brig *Sutley*, Pictou N.S. to Fall River Wrecks, Vineyard Sound MA -- 30
 407. 1848 -- Jan 8, *Blue Ridge* Boiler Explosion, OH Ri., Raccoon Is., ~Gallipolis, OH --11-30
 408. 1848 -- Nov 21, Steamer *Wyandotte* Snags/Sinks, MS River, above Vicksburg MS -- 30
 409. 1850 -- Nov 21, 25 or 26, Steamer *Antoinette Douglas* Boiler Explos., AL Riv., AL -- 9-30
 410. 1852 -- Jan 14, Steamer *George Washington* Boiler Explos./Fire, Grand Gulf, MS --16-30
 411. 1854 -- Mar 27, Steamer *Monroe* hits log/sinks, MS Ri., just north of Natchez, MS --17-30
 412. 1854 -- Sep 30, SS *Yankee Blade* Capsizes on Reef, Fog, near Pt. Arguello CA¹⁷⁴² --15-30
 413. 1856 -- Feb 05, Steamer *Belle* Boiler Explosion, nine miles above Sacramento, CA -- ~30
 414. 1856 -- Aug ~10, Steamer *Nautilus* Founders, Hurricane off LA Coast¹⁷⁴³ --20-30
 415. 1863 -- Aug 4, Steamboat *Ruth* Burns, Mississippi River, ~Columbus, KY -- 30
 416. 1865 -- Jun 9~, SS *Kentucky* snags/sinks, Red River, Tow Head Isl. ~Shreveport LA-- ≤30
 417. 1873 -- Aug 22, *George C. Wolfe* Boiler Explo., MS Ri., St Francis Is. ~Helena, AR- 12-30
 418. 1875 -- Apr 23, Steamers *Exporter*, *Charles Bodman*, *Kyle Burn*, New Orleans, LA-- 30
 419. 1882 -- Sep 30, Steamboat *Rob't. E. Lee* burns, MS River, Yucatan Landing, MS ---25-30
 420. 1888 -- Dec 24, Steamer *John H. Hanna* Burns, Mississippi Riv., Plaquemine, LA --20-30
 421. 1905 -- Nov 25, *Nellie Coleman* Lost at Sea, Squaw Harbor, AK to Seattle, WA --12-30
 422. 1910 -- Sep 9, *Pere Marquette 18* Founders, Lake Mich., 20M off Sheboygan, WI --25-30
 423. 1916 -- June 5, Tornado, Packet-boat *Eleanore* Capsizes, MS River ~Memphis, TN--12-30
 424. 1918 -- Feb 26, US Naval Tug, *Cherokee*, Founders, Storm, Del. Capes, DE -- 30
 425. 1918 -- Oct 03, *Lake City* & *James McGee* Collide, Amer. Shoal Light, FL -- 30
 426. 1918 -- Oct 04, Steamer *San Sabo* strikes mine, 15 miles SW of Barnegat, NJ¹⁷⁴⁴ -- 30
 427. 1937 -- Jan 30, WPA Worker Barge Sinks, Birds Pt./New Madrid Spillway, MO --26-30

¹⁷⁴¹ We do not know, and do not think it is known, how many lives were lost from various forms of watercraft on or near coastal waters and rivers of GA and SC. Our 30 figure comes from attempt to estimate lives lost from five craft: brig *Consolation*, and schooners *Favourite*, *Liberty* (all hands lost) *Patsy*, and *Traveller* (all hands lost) Mishaps (during what has been referred to as an “extreme” coastal hurricane) of numerous other vessels are mentioned in the press at the time and reporting since, but generally without reference to lives lost per craft, or in total.

¹⁷⁴² Cross listed in Fog as a Contributing Factor.

¹⁷⁴³ Cross-listed in Hurricane. Francaviglia (*From Sail to Steam...Texas Maritime History*, 1998, 175) dates the loss at Aug 8 off the coast of Texas.

¹⁷⁴⁴ Cross-listed in Violence-Attack.

428. 1850 -- Mar 23, Steam *Troy* Explodes, Lake Erie, mouth Niagara Ri.~ Buffalo NY --15-29
 429. 1858 -- Feb 20, Ship *John Milton*, Grounds in Snow Storm, Montauk, L.I., NY -- ~ 29
 430. 1862 -- Jan 1, Stm., Gloucester Schooners *Cynisca*, *Life Boat*, *Ocean Traveller* lost -- 29
 431. 1894 -- Dec, Pacific Storm, Steamer *Keweenaw* Lost, Pacific NW Coast -- 29
 432. 1914 -- May ~15, Steamer *F.J. Luckenbach*, FL to Baltimore, Lost off Coast of SC?-- 29
 433. 1917 -- Apr 1, U.S. Steamer *Aztec* Hit by German Torpedo, off France -- 29
 434. 1919 -- Oct 28, Steamer *Muskegon* Hits Pier in Storm, Muskegon Harbor, MI -- 29
 435. 1920 -- Aug 20, *Superior City* Hit/Sinks, Lake Superior, Whitefish Bay, WI -- 29
 436. 1975 -- Jan 31, Collision, *Edgar M. Queeny/Corinthos*, Marcus Hook, PA -- 29
 437. 1975 -- Nov 10, Storm, SS *Edmund Fitzgerald* Sinks, Whitefish Bay, MI -- 29

MARITIME Disasters – **Master Set** – Deadliest American -- **By MORTALITY** (Cont.)

438. 1842 -- Apr 14, *Medora* Steamer Boiler Explosion, Baltimore Harbor, MD -- 28
 439. 1848 -- Sep 17, *Concordia*, Boiler Explosion, Mississippi River, Plaquemine, LA -- 8-28
 440. 1876 -- Dec 30, Freighter *Circassian* Breaks-up in Storm, Mecox, Long Island, NY -- 28
 441. 1879 -- Aug 18-19, Hurricane, CT, MA, ME, VA, Chesapeake Bay, At Sea¹⁷⁴⁵ -- 28
 442. 1901 -- Aug 28, *City of Trenton*, Boiler Explodes, Delaware River, ~Torresdale, PA--26-28
 443. 1907 -- April 2/3, Ship *Arthur Sewall* Lost at Sea after leaving Philadelphia, PA -- 28
 444. 1914 -- Nov 19, Storm, Steamer *C.F. Curtis*/two Barges Sink ~Grand Marais, MI --27-28
 445. 1924 -- Sep 22, Steamer *Clifton* Lost, Lake Huron, off Coast of MI -- 28
 446. 1961 -- Jan 15, Nor'easter, USAF Radar Platform 4 Fails, 75M E. of Barnegat, NJ --27-28
 447. 1966 -- Nov 29, *Daniel J. Morrell* (Cleveland OH) Breaks-up/Sinks, Lake Huron Stm-- 28
 448. 1969 -- Jan 14, Explosions and Fire on USS *Enterprise*, off Pearl Harbor, Hawaii -- 28
449. 1837 -- Aug 15, Steamer *Dubuque* Boiler Explosion, Miss. Ri. Muscatine Bar, IA --16-27
 450. 1849 -- early June, Cholera, steamboat *Uncle Toby*, MS River, ~Quincy to Rock Isl.-- 27
 451. 1851 -- Jan 07, Brig *Martha Sanger*, California to NY, wrecks on reef, Caribbean -- 27
 452. 1861 -- Nov 2-3, Storm, Ship *Maritana* wrecks, Egg Rocks ~Boston Light, MA¹⁷⁴⁶ --24-27
 453. 1873 -- Sep 15, Storm, Steamship *Ironsides* sinks, Lake MI, near Grand Haven, MI --18-27
 454. 1874 -- Jun 07, Storm, Boats Capsize, Drownings, Lakes Oneida & Onondaga NY -- 27
 455. 1876 -- July 09, Steamer *St. Clair* Fire, Lake Superior off 14 Mile Point, MI --26-27
 456. 1884 -- Dec 12, Storm, Oyster Boats Capsize, Men Drown, Rappahannock River VA-- 27
 457. 1886 -- Dec 17, Whaling Bark *Atlantic* Grounds near San Francisco, CA -- 27
 458. 1887 -- Apr, *St. Stephen* or *Stephens*, Seattle to San Francisco, lost at sea near WA -- 27
 459. 1901 -- May 12, *City of Paducah* snags/sinks, MS Ri., ~Brunkhorst Landing, IL --15-27
 460. 1908 -- Nov 30/Dec 1, Storm, Steamer *D.M. Clemson* Sinks ~Whitefish Pt., MI --24-27
 461. 1927 -- Jan 11, Storm, Collier *John Tracy* Sinks off Highland Light, Truro, MA --26-27
 462. 1927 -- July 28, Passenger Vessel *Favorite* Sinks in Storm, Chicago IL -- 27
 463. 1939 -- May 23, Submarine *Squalus*, Sinks 16 miles off Portsmouth, NH --26-27
464. 1780 -- American Sailing Ship *Watt* Wrecks on Long Island, NY -- 26
 465. 1846 -- May 24, Steamer *Queen City* Boiler Flue Collapse/Explos., Natchez, MS >10-26

¹⁷⁴⁵ Subset of Hurricane listing.

¹⁷⁴⁶ Cross-listed in Hurricanes.

466. 1849 -- Nov 9, Bath, ME ship *Hanover*, grounds, gale, mouth Kennebec River, ME --24-26
 467. 1863 -- Apr 27, Steamer *Ada Hancock* Explosion, San Pedro Bay, LA, CA -- 26
 468. 1865 -- Oct 29, Steamer *St. John* Boiler Explosion, ~5 miles above NY, NY -- 26
 469. 1868 -- Sep 07, *Hippocampus* Grounds, Lake MI Storm, off St. Joseph, MI -- 26
 470. 1875 -- Sep 10, Propeller *Equinox* Sinks, Storm, Lake Mich., ~Big Sable Point, MI --21-26
 471. 1884 -- Feb 28, Gale, Gloucester MA Fishing Schooners *Magic* and *Phoenix* lost -- 26
 472. 1894, Jan 12-13~, Gloucester Fishing Schs. *Edwards*, *Flash*, *Henrietta* lost, Gale -- 26
 473. 1895 -- Jan 21, *Chicora* Sinks, Storm, Lake MI, off South Haven, MI --24-26
 474. 1907 -- Oct 11, Storm, Steamer *Cypress* Founders, Lake Sup., off Deer Park, MI --22-26
 475. 1909 -- May 18, Drownings, overloaded Launch Sinks, OH Ri., ~Schoenville PA --20-26
 476. 1919 -- Nov 19-Dec, Providence, RI Schooner *T.W. Allan* Founders, Bay of Fundy -- 26
 477. 1926 -- Apr 11, Tanker *Gulf of Venezuela* Explosion, Port Arthur, TX -- 26
 478. 1944 -- Sep 14, Hurricane, USCG Cutter *Bedloe* Sinks off Hatteras, NC¹⁷⁴⁷ -- 26
 479. 1969 -- Dec 26, USN Charter SS *Badger State* Explos./raft hit by falling bomb, N. Pacific-- 26

MARITIME Disasters – Master Set – Deadliest American -- By MORTALITY (Cont.)

480. 1798 -- Nov 17-21, New England Blizzard and Maritime Storm¹⁷⁴⁸ -- >25
 481. 1803 -- March, Massacre, Crew of American ship *Boston*, Nootka, Vancouver Isl.¹⁷⁴⁹ -- 25
 482. 1839 -- Dec 22-23, Gale, Maritime losses (*Henry*, *Lloyd*, *Pocahontas*), NJ, esp. MA --24-25
 483. 1842 -- May 06, Sail boat *Polka* tips/Sinks, off Thompson’s Island, Mass Bay, MA -- 25
 484. 1843 -- Mar ~15, USS *Grampus* Lost, presumably gale off Charleston, SC -- 25
 485. 1847 -- June 4 or 5, Steamer *Edna* Boiler Explosion, Ouachita Riv. Columbia, LA --20-25
 486. 1851 -- before June 22, Steamer *Grand Turk*, Cholera, Mississippi River¹⁷⁵⁰ -- ~25
 487. 1851 -- before June 22, Steamer *Pride of the West*, Cholera, Mississippi River¹⁷⁵¹ -- ~25
 488. 1854 -- Apr 08, Steamer *Gazelle* Boiler Explosion, Oregon City, OR -- 25
 489. 1877 -- Jan 20, U.S. Schooner *George Washington* Strands, Mistaken Point, NFDL -- 25
 490. 1887 -- Oct 18, Ship *Alfred Watts*, Philadelphia to Japan, Lost at Sea -- 25
 491. 1888 -- Oct 03, Whaling Bark *Ohio* driven ashore near Point Hope, Chukchi Sea, AK-- 25
 492. 1890 -- Nov 05, 8, Schs. *Lillie Amoit* & *John D. Miner* collide, Menominee Hbr., MI-- 25
 493. 1894 -- May 11, Amer. Whaling Bark *James Allen* hits rock/sinks, Amlia Isl., AK -- 25
 494. 1916 -- July 17, Steamer *C.W. Morse* leaves NY, NY, not heard from again -- 25
 495. 1918 -- Oct 4/5, Collier USS *Herman Frasch* Collision (*Henry*) ~Cape Sable NS --17-25
 496. 1929 -- Sep 9/10, *Andaste* Sinks, Lakes MI Storm 14m W off Holland, MI -- 25
 497. 1969 -- Apr 6, Collision, *Union Faith/Warren J. Doucet*, MS Ri. New Orleans LA -- 25
498. 1837 -- Apr, Georges Bank Gale, 3 Fishing Boats Lost out of Gloucester MA -- 24
 499. 1840 -- Nov 1, 7, 9 or 10, Flue Collapse, Steamer *Persian*, MS Ri., ~Napoleon AR --23-24
 500. 1849 -- May 18, Collision, *Empire/Noah Brawn*, Newburgh Bay, NY -- 24

¹⁷⁴⁷ These fatalities are part of the 390-412 attributed to the “Great Atlantic Hurricane of 1944.”

¹⁷⁴⁸ There was a much larger loss of life, but we do not know the approximate number. David Ludlum writes in *Early American Winters 1604-1820* (p. 75) that “hundreds” died in this storm and that the bodies of at least 25 sailors were pulled from wrecked ships on Cape Cod alone. He also notes that at least seven ships were lost near Cape Cod with all aboard.

¹⁷⁴⁹ Coss-listed in Violence – Massacres of Whites by Natives.

¹⁷⁵⁰ We note about twenty-five in that newspaper article writes of fifty deaths on *Grand Turk* and *Pride of the West*.

¹⁷⁵¹ We note about twenty-five in that newspaper article writes of fifty deaths on *Grand Turk* and *Pride of the West*.

501.	1852 -- Nov 12, <i>Buckeye Belle</i> Explos., Muskingum Riv., Beverly Canal OH	-- 24
502.	1860 -- Nov 24, <i>Dacotah</i> , Grounds/Breaks, Lake Erie Stm., ~ Angola, NY	-- 24
503.	1865 -- Oct ~24, Steamer <i>D.H. Mount</i> Lost, Cape Hatteras to Jacksonville, FL	-- 24
504.	1867 -- Dec 24, Steamer <i>Raleigh</i> Burns to water, off Charleston, SC	--14-24
505.	1882 -- Mar 17?, Gale, Gloucester MA Schooners <i>Northerner</i> and <i>Victor</i> lost, GB	-- 24
506.	1882 -- Aug 07, Steamboat <i>Gold Dust</i> , Boiler Explosion, near Hickman, KY	--17-24
507.	1883 -- Aug 29, Gale, Gloucester MA Schooners <i>Alaska</i> & <i>James Bliss</i> lost, GB	--23-24
508.	1886 -- Nov, Kodiak Schooner <i>Flying Scud</i> lost near Karluk, AK	--16-24
509.	1886 -- Dec 28, Fire, Steamer/Boarding House <i>Bradish Johnson</i> , Jackson, AL ¹⁷⁵²	-- ~24
510.	1887 -- Jun 17, Steamer <i>Champlain</i> Burns, Lake Michigan, off Charlevoix, MI	--20-24
511.	1891 -- Feb 26, Gale, craft lost, lower James Ri. ~Warwick Ri. mouth, Newport News, VA	20-24
512.	1893 -- Nov 07, <i>Albany/Philadelphia</i> Col., Fog, L. Huron ~ Pte Aux Barques MI	-- 24
513.	1894 -- Sep 27, Ship <i>Ivanhoe</i> leaves Seattle for SF, lost in storm off WA/OR coast	--23-24
514.	1901 -- Sep 16, Steamer <i>Hudson</i> Founders in Gale, L. Sup. ~8M off Eagle River, WI	-- 24
515.	1907 -- Feb 22, Steamer <i>Marion</i> Burns, Wadmalaw Sound, Hart's Landing, SC	--12-24
516.	1910 -- Jan 12, Steamer <i>Czarina</i> , Grounds on Coos Bay Bar, OR	-- 24

MARITIME Disasters – **Master Set** – Deadliest American -- **By MORTALITY** (Cont.)

517.	1814 -- Jun 30, Tornado Sinks Schooner USS <i>Alligator</i> , Port Royal Sound, SC ¹⁷⁵³	-- 23
518.	1851 -- Dec 09, Steamboat <i>Clermont</i> sinks (unknown cause), White River, AR	--20-23
519.	1855 -- Mar 27, Steamer <i>Bulletin No. 2</i> Burns, Miss. River, Tompkin's Bend	-- 23
520.	1854 -- Oct 08, Steamer <i>E.K. Collins</i> Burns, near Mouth of Detroit River, MI	--20-23
521.	1858 -- Apr 02, Steamer <i>Sultan</i> Fire, Mississippi River, near St. Genevieve, MO	-- 23
522.	1858 -- Apr 22, Steamer <i>Ocean Spray</i> Fire (Racing), Miss. River, ~St. Louis, MO	--10-23
523.	1859 -- Oct 16, Propeller <i>Troy</i> Founders, Lake Huron Storm, Point aux Barques, MI	-- 23
524.	1867 -- May 21, Steamer <i>Wisconsin</i> Fire/Drowning, Lake Ont., ~ Cape Vincent, NY	-- 23
525.	1868 -- Jun ~15, Brit. Bark <i>Istria</i> Wrecks, Diamond Shoals off Cape Hatteras NC	-- 23
526.	1869 -- Jan 11, Steamer <i>Gulf City</i> Grounds and Breaks-up, Cape Lookout, NC	--22-23
527.	1869 -- Sep 8, Hurr., Schrs. <i>Helen Eliza</i> Grounds (Peak's Isl., ME), <i>Yankee Girl</i> lost ¹⁷⁵⁴	--23
528.	1877 -- Apr 13, Steamer <i>Leo</i> Burns 83 miles south of Tybee Light, GA	-- 23
529.	1910 -- May 23, <i>Frank H Goodyear</i> hit/Sinks, L. Huron, ~Pt. Aux Barques MI	-- 23
530.	1914 -- Nov 23, Steamer <i>Hanalei</i> Grounds, Duxbury Reef ~ San Fran. CA	-- 23
531.	1923 -- Sep 08, Fog, 7 US Navy Ships Run Aground, Honda Point, CA	-- 23
532.	1925 -- May 8, US Steamer <i>M.E. Norman</i> Capsizes/Sinks, MS Riv., Coahoma, MS	-- 23
533.	1927 -- Aug 24~, Gloucester, MA Sch. <i>Columbia</i> Lost, Gale, off Sable Island, NS	-- 23
534.	1950 -- Aug 25, Hosp. Ship <i>Benevolence</i> hit/sunk/fog, <i>M. Luckenbach</i> ~SF CA ¹⁷⁵⁵	--18-23
535.	1954 -- Dec 05~, M/V <i>Southern Districts</i> Disappears off East Coast	-- 23
536.	1980 -- Jan 28, collision, tanker <i>Capricorn</i> & USCGC <i>Blackthorn</i> (sinks), Tampa Bay, FL	--23
537.	1867 -- Feb 10, Steamer <i>City of Bath</i> Fire off Cape Hatteras, NC	-- 22
538.	1872 -- Mar, Gloucester, MA Schooners <i>Matchless</i> , <i>Franklin Snow</i> lost, Georges Bk.	-- 22

¹⁷⁵² Cross-listed in Fires.

¹⁷⁵³ Cross-listed in Tornadoes.

¹⁷⁵⁴ Cross-listed in Hurricanes.

¹⁷⁵⁵ Cross-listed in Fog as a Contributing Condition.

539. 1874 -- Oct 22, Steamer *Brooklyn* Boiler Explodes, Detroit River, MI --20-22
 540. 1878 -- Oct 12, Whaling Bark *Sarah* Capsizes in Gale, out of Bedford, MA -- 22
 541. 1885 -- May 5, New Bedford, MA Whaling Bark *Napoleon* Sunk by Ice, Bering Sea-- 22
 542. 1886 -- Dec 14, Ship *Harvey Mills* founders, gale, Cape Flattery, WA -- 22
 543. 1890 -- Aug 6, Boston Sch. *Magellan*, sunk by the *St. Mary* near Falkland Islands --20-22
 544. 1901 -- Aug 19, Steamer *City of Golconda* Turtles, Windstorm, OH Riv. ~Paducah, KY --15-22
 545. 1909 -- July 18, Sloop *Roxana* Capsizes, and other Drownings, N. Y. Bay --19-22
 546. 1911 -- Jun 24, *City of St. Joseph*, Flue Collapse, MS Riv., Presidents Island, TN -- 22
 547. 1913 -- May 02, *Concordia* Founders, Tensas River, for Natchez, MS -- 22
 548. 1914 -- Apr 28, Storm, Steamer *Benj. Noble* Founders, Lake Sup., ~Knife Is. MN --16-22
 549. 1919 -- Nov 11, *John Owen* Founders, Lake Superior, Out of Duluth, MN -- 22
 550. 1920 -- Jan 26, Steamer *Mieler* Sinks in Storm off Coast of FL -- 22
 551. 1942 -- Dec 03, *Cleveco* Tanker/Barge Sinks, Lake Erie Blizzard ~Euclid, OH -- 22
 552. 1944 -- Sep 14, Hurricane, USCG Cutter *Jackson* Sinks off Hatteras, NC¹⁷⁵⁶ --21-22
 553. 1964 -- Jun 30, Drilling Barge *C.P. Baker*, Explosion/Fire, Gulf of Mexico -- 22

MARITIME Disasters – Master Set – Deadliest American – By MORTALITY (Cont.)

554. 1635 -- Aug 14/15, Storm, Pinnacle *Watch and Wait* Wrecks, Thacher Is., MA -- 21
 555. 1871 -- Feb, Gloucester, MA Fishing Schooners *Hiawatha & E.L. Cook* lost at sea -- 21
 556. 1871 -- Aug 18, Steamer *Lodona* Grounds, Storm, near Cape Canaveral, FL -- 21
 557. 1873 -- Feb 15, Steamer *Henry A. Jones* Burns, Galveston, TX -- 21
 558. 1888 -- Nov 27, Storm, Philly Steam Collier *Allentown* Grounds ~ Cohasset, MA --18-21
 559. 1892 -- July 12, Storm, *Frankie Folsom*, small boats founder, IL Ri., Peoria, IL --14-21
 560. 1892 -- Oct ~28, OH Steamer *W.H. Gilcher* Sinks, Stm., Lake MI, ~Manitou Is. MI --18-21
 561. 1906 -- Oct 18, Sidewheel Steamer *St. Lucie* Founders, Hurricane, Elliot Key, FL¹⁷⁵⁷-- 21
 562. 1907 -- Nov 24, Last contact with Ship *Bangalore*, Norfolk VA to Honolulu, HI -- 21
 563. 1909 -- May, ~1-2, Storm, Stm. *Adella Shores* Sinks, Lake Sup., ~Grand Isl., MI --14-21
 564. 1915 -- Mar 25, Submarine *Skate (F-4)* Sinks, near Honolulu Harbor, HI -- 21
 565. 1916 -- May 08, Steamer *Kirby* Sinks, Lake Sup. Storm, near Eagle Harbor, MI --20-21
 566. 1929 --~Jan 13, Fishing Trawler *Seiner* Lost, Georges Bank, out of New London CT-- 21
 567. 1932 -- Feb 05, Boston Sch. *Eleanor Nickerson* hit/sinks off SE of Cape Sable, N.S.-- 21
 568. 1956 -- Jan 17, Gasoline explos./fire, SS *Salem Maritime*, terminal, Rose Bluff, LA¹⁷⁵⁸-- 21
 569. 1968 -- Mar 16, Collision, SS *African Star* & barge *Intercity No. 11*, MS River, LA -- 21
570. 1716 -- Five Gloucester MA Fishing Vessels Lost, Voyage to Cape Sable -- ~ 20
 571. 1799 -- Nov-Feb 1880, Ship USS *Delaware*, Yellow Fever, Curacao, Caribbean¹⁷⁵⁹ -- 20
 572. 1799 -- Jun-Jul, Frigate USS *General Greene*, Yellow Fever, Cuba to Portsmouth NH¹⁷⁶⁰>20
 573. 1811 -- Dec 23-24, Winter storm/blizzard, maritime losses, northern Long Island, NY--~20
 574. 1813 -- Sep 17, Navy Gun Vessel. *No. 164* Sinks, Hurricane, Charleston, SC¹⁷⁶¹ -- 20

¹⁷⁵⁶ These fatalities are part of the 409 attributed to the “Great Atlantic Hurricane.”

¹⁷⁵⁷ 164 deaths are attributed in total to the Oct 18-21, 1906 Florida Keys Hurricane.

¹⁷⁵⁸ Cross-listed in Explosions and in Hazardous Materials Transportation.

¹⁷⁵⁹ There were at least 1,355 yellow fever deaths in 1799 – principally Charleston, SC, NYC, and Philadelphia.

¹⁷⁶⁰ There were at least 1,335 yellow fever deaths in 1799 – principally Charleston, SC, NYC, and Philadelphia.

¹⁷⁶¹ Cross-listed in Hurricanes

575. 1821 -- Sep 17, Schooner *Washington* strands, hurricane, Bay St. Louis, MS¹⁷⁶² -- ~20
MARITIME Disasters – Master Set – Deadliest American – By MORTALITY (Cont.)

576. 1832 -- Jun 02, Steamer *Hornet* Capsizes, Storm, Ohio River, Maysville, KY -- 20
577. 1833 -- Oct 16, Steamer *New England*, Boiler Explosion, CT River, Essex, CT --13-20
578. 1836 -- Jun 9, Steamboat *Rob Roy* Boiler Explos., Miss. River, near Columbia, AR --17-20
579. 1837 -- Mar 17, Steamboat *Tiskilwa* hit by the *Wisconsin*, near mouth Ill. River, IL --10-20
580. 1838 -- Sep 7, Sloops *Alabama*, *Dread*, *Caution* wreck near Cape FL, FL, storm¹⁷⁶³ -- >20
581. 1838 -- Dec 03, *Augusta*, Boiler Exp., MS Riv. between Natchez/Vicksburg, MS -- 20
582. 1841 -- Aug 12, Boiler Explos., Steamboat *Louisiana*, MS Riv., Bayou Sara, LA --18-20
583. 1846 -- Sep 05, Steamer *New York* founders in Storm, ~ 60m off Cameron, LA -- 20
584. 1846 -- Nov 19, *Indian Queen* Wrecked, Lake Erie Storm, near Dunkirk, NY -- 20
585. 1847 -- June 29, Steamboat *Star Spangled Banner* Snags, Baton Rouge, LA -- 20
586. 1850 -- Jan 23, *St. Joseph* Boiler Explos., MS Ri., Islands No 80/81, ~Napoleon AR-- 8-20
587. 1850 -- Dec 17, Steamboat *Knoxville*, Boiler Explosion, New Orleans, LA --12-20
588. 1851 -- Feb 20, Boiler Explosion, Sidewheel Ferry *St. Louis*, St. Louis, MO -- 20
589. 1851 -- Mar 24, Boats Collide, *Lowell* Sinks, OH R., Captina Isl., ~Wheeling WV --15-20
590. 1851 -- Nov 29, Steamboats *Molly Grath*¹⁷⁶⁴ & *Pontiac No. 2* collide ~Owensboro, KY--20
591. 1852 -- Apr 25, Steamboat *Prairie State No. 2*, Boiler Explosion, Pekin, IL -- 20
592. 1852 -- Apr 26, Steamers Collide, *Chickasaw/W.B. Clifton*, French Is., Evansville IN-- 20
593. 1852 -- July 12, *City of Oswego* sinks, collis. *America*, L. Erie ~Willoughby, OH --15-20
594. 1852 -- Aug 22, Overcrowded Ferryboat Capsizes, Hudson River, Albany, NY --10-20
595. 1854 -- Aug 26, Steamboat *Timour No. 2* Boiler Explosion, ~Jefferson City, MO --17-20
596. 1858 -- Jan 28, *Fanny Fern* Boiler Explos., OH River, ~Lawrenceburg, IN --13-20
597. 1858 -- Feb 17, Steamer *Magnolia* Boiler Explos., Cape Fear Riv., White Hall NC --11-20
598. 1860 -- Nov 3, Steam Towboat *Baltic* Explosion, Mobile, AL -- 20
599. 1862 -- Dec 31, Iron Clad USS *Monitor* sinks, Storm off Cape Hatteras, NC --16-20
600. 1863 -- Oct, Steam Screw *Water Witch* Founders, Saginaw Bay, MI -- 20
601. 1864 -- Feb 22, Steamship *Bohemian* wrecks, Alden's Rock, off Richmond Isl., ME--19-20
602. 1865 -- June 8, Steamer *Admiral Dupont* hit/sunk, British *Studacona*, S. NJ Coast --15-20
603. 1866 -- Mar 4, Steamboat *Lockwood* Explosion/Burns, 8 miles below Memphis TN -- 9-20
604. 1867 -- Dec 31, Steamer *Henry Ames* guards fail while unloading, New Orleans, LA-- ~20
605. 1878 -- Dec 01, *Cotton Valley/Charles Morgan* Collide, MS R., ~Bringier Pt., LA --12-20
606. 1883 -- Nov 12, Gale, Chesapeake Bay, Sloop *Anne Gertrude*, other Vessels Lost -- 9-20
607. 1887 -- Mar 01, *W.H. Gardner* Burns, Tombigbee River, Gainesville, AL -- 20
608. 1887 -- Nov 3, Schooner *Ocean Bird* Capsizes, Storm, Pasquotank River, NC -- 9-20
609. 1891 -- Feb 21, Ship *Elizabeth*, NYC to SF, Grounds, Tenn. Cove, Marin Ct. CA --17-20
610. 1899 -- Jan 14/15, Sailing Ship *Andelana* sinks while moored at Tacoma, WA --17-20
611. 1905 -- Jan 03, Towboat *Defender* Boiler Explosion, OH River, ~Huntington WV -- 9-20
612. 1905 -- Aug 28, Steamship *Peconic* Founders off Northeast Coast of FL - 20
613. 1908 -- Aug 27, Last report from Ship *Fort George*, NY, NY to Honolulu, HI -- 20
614. 1916 -- Aug 16, Storm, *Admiral Clark* Founders off San Antonio, TX -- 20
615. 1918 -- Sep 17, Storm, Cal. Steamer *San Gabriel* Founders off Cape Lucas, Mexico-- 20

¹⁷⁶² Cross-listed in Hurricanes (subset of 35 total fatalities).

¹⁷⁶³ Subset of Sep 7, 1838 Hurricane near Cape Florida, FL taking 38 lives in total.

¹⁷⁶⁴ Also referred to as the *Mollie Garth* in Twaintimes.

616. 1920 -- Nov 24, *Barge W. J. Pirrie*, Hits Rocks, Sinks, off Coast of WA -- 20
 617. 1927 -- Oct 29, Fog, *President Wilson* Hits Gloucester Fisher *Avalon*, Cape Cod MA¹⁷⁶⁵-20
 618. 1941 -- Jan 21, *Mary E. O'Hara* & barge collide, entrance to Boston Harbor, MA --18-20
 619. 1941 -- Mar 24, Steamer *Cities Service Denver* Explosion/Fire, off NC/SC coast --19-20
 620. 1942 -- Dec 31, Storm, *Maiden Creek* Founders/Sinks, off S. Long Is. NY -- 20
 621. 1943 -- Nov 21, Tanker *Altair* hit by *Bostonian*, Fog, off Cape Henlopen, DE¹⁷⁶⁶ -- 20
 622. 1945 -- Feb 5, Tanker *Spring Hill* hit/explosion/fire, off Stapleton, Staten Island, NY-19-20
 623. 1953 -- Sep 02, Military Pontoon Raft Capsizes in lake, Fort Bragg, NC -- 20
 624. 1962 -- Oct 20, Collision/Fire, *Boheme* & Barge *Parker*, Miss. River ~Lutcher, LA -- 20
 625. 2005 -- Oct 02, *Ethan Allen* tour boat capsizes, Lake George, near Cramer Point, NY-- 20

MARITIME Disasters – **Master Set** – Deadliest American -- **By MORTALITY** (Cont.)

626. 1822 -- July-Aug, Yellow Fever, U.S. Brig *Enterprise*; Caribbean to NYC & at NYC-- 19
 627. 1851 -- Oct 23, Steamer *Henry Clay* Sinks, Lake Erie Storm, off Long Pt., Ontario --16-19
 628. 1852 -- Nov 10/11, Propeller *Oneida* founders, Lake Erie storm, west of Ripley NY--17-19
 629. 1881 -- Dec 26, Steamer *West Point* Gas Explosion/Fire, York River, VA -- 19
 630. 1883 -- Jan 2, Cowe Tunnel Convict Boat Capsizes, Tuckasegee River, Western NC-- 19
 631. 1883 -- Mar 4, Steamboat *Yazoo Valley* Snags/Sinks, MS Riv., ~ Red Church, LA --16-19
 632. 1887 -- Sep 3, Gale, Provincetown, MA Fishing Sch. *Rebecca R. Nickerson* lost, GB -- 19
 633. 1890 -- Nov 27, Steamer *T. P. Leathers* Burns, Miss. River, Point Breeze, MS --17-19
 634. 1891 -- Mar 24, Steamer *Strathairly*, Shipwreck, Chicamacomico, NC -- 19
 635. 1891 -- Oct 29, Str. *Oliver Beirne* Fire, MS Ri., Millikens Bend, ~Vicksburg MS --15-19
 636. 1892 -- Feb 02, SF, CA Whaling Bark *Tamerlane*, Strands, Puna Island, HI -- 19
 637. 1897 -- Nov 5, Freighter *Idaho* Sinks, Lake Erie Storm, off Long Point, Ontario -- 19
 638. 1897 -- Nov 25, Provincetown, MA sch. *Susan R. Stone* sails for West. Bank, lost -- 19
 639. 1902 -- Mar 12, Steamer *Providence* Grounds, Storm, Davis Bend, LA -- 19
 640. 1903 -- Mar 07, Ferryboat Capsizes, Hudson River, Spier Falls ~Glens Falls, NY --17-19
 641. 1903 -- Aug, Hurricane, Steamer *George W. Kelley* lost, Caribbean, for New Orleans-- 19
 642. 1903 -- Oct 19, Steamer *South Portland* Grounds, Cape Blanco, OR -- 19
 643. 1905 -- Sep 03, Steamer *Iosco* Lost, Lake Sup. Stm., E of Keweenaw Pen., MI -- 19
 644. 1905 -- Nov 28, *Ira H. Owen* Founders, Lake Sup. Storm, Outer Is., Apostles, WI -- 19
 645. 1908 -- Dec 02, U.S. Steamer *Soo City* Lost in Storm, Gulf of St. Lawrence -- 19
 646. 1915 -- Aug 16-17, U.S. Dredger *San Bernardo* Grounds, Hurricane ~Galveston¹⁷⁶⁷ -- 19
 647. 1917 -- Mar 06, Ship *Timandra* Lost after leaving Norfolk, VA -- 19
 648. 1917 -- Mar 21, Steamer *Healdton* Torpedoed, German Sub, North Sea¹⁷⁶⁸ -- 19
 649. 1917 -- Sep 5, Whaling Brig *Viola* sails, not seen again, out of New Bedford, MA -- 19
 650. 1917 -- Dec 17, USN Sub *F-1* Collides with *F-3*, Sinks off Coast of San Diego CA -- 19
 651. 1918 -- Oct 06, US Steamer *Dumaru* hit by Lightning, Burns, 22M west of Guam¹⁷⁶⁹-- 19
 652. 1920 -- Oct 29, Ship Collision, Schooner *Cape Fear*, Narragansett Bay, RI -- 19
 653. 1930 -- Sep 16/17, SF CA Schooner *South Coast* Sinks, OR Coast, ~Cape Blanco --18-19

¹⁷⁶⁵ Cross-listed in Fog as Contributing Factor.

¹⁷⁶⁶ Cross-listed in Fog as Contributing Factor.

¹⁷⁶⁷ Cross-listed in Hurricane as a maritime subset.

¹⁷⁶⁸ U.S. was not at war at the time. Congress declared war on April 6, 1917.

¹⁷⁶⁹ Cross-listed in Lightning.

654. 1936 -- Oct 17, *Sand Merchant* Capsizes, Lake Erie Storm, off Avon Point, OH -- 19
 655. 1944 -- May 14-21, Heavy seas, sleeping Marines in LCT pitched overboard off *LST-485*, HI--19
 656. 1947 -- Sep 09, Fuel Tanks Explode, Fire, *Island Queen* Steamboat, Pittsburgh, PA -- 19

MARITIME Disasters – Master Set -- Deadliest American – By MORTALITY (Cont.)

657. 1786 -- Dec 5, Gale, sloop grounds, Lovell's Isl., Brig at Pt. Shirley, Boston Harbor, MA-- 18
 658. 1834 -- Aug, early, Steamboat *Kentucky*, Cholera -- 18
 659. 1835 -- Dec 2, *Lady Franklin* Sinks, hit by *Portsmouth*, OH Riv. ~Owensboro KY --15-18
 660. 1843 -- Sep 25, Gale, Steamer *Sarah Barnes* Sinks in Gulf, west of Sabine Pass, TX--17-18
 661. 1847 -- May 6, Steamboat *New Hampshire* boiler explos., Ark Riv., Pine Bluff, AR--12-18
 662. 1847 -- Jun 11, Schooner *Merchant*, Lost, Sault Ste. Marie, Lake Superior MI -- 18
 663. 1848 -- Sep 15-21, Prop. *Goliah* Fire/Explos., Lake Huron, ~Point au Barques, MI -- 18
 664. 1850 -- Sep 12-17, Cholera, Steamer *Falcon*, Chagres, Panama to Havana, Cuba¹⁷⁷⁰ --17-18
 665. 1854 -- Aug 02, Steamer *Cape May* Snags, Mt. Vernon, IN -- 18
 666. 1857 -- Nov 12 or 15, *Opelousas & Galveston* Collide, Gulf of MX off LA Coast -- 18
 667. 1876 -- Mar 01, *Nuova Ottavia* Grounds, Life-Saving Crew Lost, Kittyhawk, NC -- 18
 668. 1898 -- Jun 28, Storm, Steamer *Jessie V.* swamped, Kuskokwim River mouth, AK -- 18
 669. 1903 -- Jan 02, Bark *Prince Arthur*, Grounds on Rocks off Coast of WA -- 18
 670. 1903 -- Feb 17, Steamer *Olive* sunk, Tornado, Chowan Riv., Woodley's Pier, NC¹⁷⁷¹ --14-18
 671. 1907 -- Apr 10, Bark *Adolph Obrig* Lost after sailing from NYC, NY -- 18
 672. 1908 -- Jan ~23, Steamer *Bluefields* Founders, Storm off Cape Hatteras, NC -- 18
 673. 1908 -- May 26, Boston Sch. *Fame*/UK Steamer *Boston* Collide, fog, Cashes Bank¹⁷⁷² -- 18
 674. 1913 -- Apr 6, Grounded Barque *Mimi* Capsizes during Salvage, Nehalem Spit OR -- 18
 675. 1917 -- Jun 30, *Christopher Columbus* Collision/Water-tank Falls, Milke. Riv. WI --15-18
 676. 1918 -- Aug 27, USS *SC-209* Sub Chaser Sunk by USCG, S. of Long Island, NY --17-18
 677. 1918 -- Oct 16, Steamer *Dumaru* Fire., Pacific Ocean, 22 miles off Guam -- 18
 678. 1918 -- Dec 19, Standard Oil Tanker *George Loomis* founders ~Blunts Reef Light CA-- 18
 679. 1919 -- Nov 22, Steamer *Myron* Founders in L. Sup. Gale off Whitefish Point, MI --16-18
 680. 1919 -- Dec 17, Schooner *Sunbeam*, Shipwreck, off Currituck, NC -- 18
 681. 1924 -- Mar 11/12, Maine Schooner *Wyoming* sinks in blizzard off Chatham, MA --13-18
 682. 1926 -- Nov 19, Oil tanker *Mantilla* explos., Bethlehem Steel drydock, Sparrows Point, MD¹⁷⁷³ 18
 683. 1928 -- May 07, US Army dredge *Navesink* hits *Swinburne*, sinks ~Stapleton, NY --17-18
 684. 1930 -- Nov 8, Lumber Schooner *Brooklyn* Founders, Humboldt Bar, Eureka, CA -- 18
 685. 1932 -- Feb 04, Oil Tanker *Bidwell*, Explosion, Marcus Hook, PA -- 18
 686. 1943 -- Feb 20, USN Minesweeper *YMS-133* Capsizes, off Coos Bay, OR -- 18
 687. 1958 -- Aug 07, Collision/Fog, Tanker *Gulfoil & S.E. Graham*, off Bull Point RI¹⁷⁷⁴ -- 18
 688. 1962 -- Aug 18, Overloaded Sunday School boat capsizes, Lake Talquin ~Quincy, FL-- 18
689. 1771 -- Early, *Beaver 2nd* lost on Lake Erie near Sandusky, OH -- 17
 690. 1820 -- Mar 20, Steamboat *Buffalo* Explosion, Owensboro, KY -- 17

¹⁷⁷⁰ Were for most part, if not all, on way from California back, via Panama, to East Coast. Sixteen were Americans.

¹⁷⁷¹ Cross-listed in Tornadoes.

¹⁷⁷² Cross listed in Fog as Contributing Factor.

¹⁷⁷³ Cross-listed in Explosions.

¹⁷⁷⁴ Cross listed in Fog as Contributing Factor.

MARITIME Disasters – **Master Set** – Deadliest American -- **By MORTALITY** (Cont.)

691. 1840 -- Dec 12, Steamboat *Cherokee*, Explosion, Ark. River, Lewisburg, AR -- 17
 692. 1844 -- Aug 12, Steamer *Louisiana* Boiler Explosion,, 15m north Bayou Sara, LA -- 17
 693. 1849 -- Nov (early to 15th arrival at St. Louis), Steamboat *Constitution*, Cholera¹⁷⁷⁵ --12-17
 694. 1850 -- Oct 28-Nov 8, Cholera, Barque *Splendid*, Sacramento to San Francisco¹⁷⁷⁶ -- 17
 695. 1852 -- Mar, Gloucester MA Schrs. *Golden Fleece & C.E. Parkhurst* lost, Georges Bank- 17
 696. 1854 -- Dec 7/8, *Westmoreland Founders*, Lake MI Ice Storm, Manitou Passage, MI-- 17
 697. 1859 -- Apr ~1, Stm., Gloucester Schrs. *Grace T. Powers & Charles E. Grover* lost -- 17
 698. 1860 -- May 09, Steamer *R.F. Sass* Snags, Miss. River, Clark's Bar, ~Glover, MS -- 17
 699. 1864 -- Jul 03, Steamer *Locust Point* Collides with *Matanzas* off Absecon, NJ -- 17
 700. 1864 -- Oct 30, Union packet *Universe* snags/sinks, MS Riv., between Islands 35-36-- 17
 701. 1867 -- Aug, Two Gloucester, MA Fishing Schooners Lost on Georges Bank -- 17
 702. 1885 -- Dec 25, Steamship *City of Nassau* lost after leaving Philly, PA -- 17
 703. 1860 -- Nov 24, *Jersey City* Down, L. Erie Storm Near Long Pt. opp. Dunkirk, NY -- 17
 704. 1871 -- Sep 2, Gloucester, MA Fishing Schooners *Montrose* and *Emporia* lost at sea-- 17
 705. 1871 -- Nov 22, Steamer *City of New London* Burns, Norwich, CT -- 17
 706. 1880 -- July 22, Stm. *Mamie* Bisected by *Garland*, Detroit Riv., ~Grosse Isle, MI --16-17
 707. 1882 -- Dec 06, Steamboat *Morning Star* Boiler Explos., MS Riv., below N.O., LA --16-17
 708. 1893 -- Aug 24, Tugboat *Panther* Sinks, Storm, SE Coast Long Island, NY -- 17
 709. 1893 -- Dec 15, Schooner *Mascot* leaves SF, CA homeport, sealing trip, lost at sea -- 17
 710. 1899 -- Mar 06, Steamer *L.R. Doty* Founders, Lake Michigan near Kenosha WI -- 17
 711. 1899 -- Apr 21, Steamer *General Whitney* Founders, off St. Augustine, FL -- 17
 712. 1902 -- Jan 25, Gloucester, MA fishing Schooner *Alva* sails for Georges Bank, Lost-- 17
 713. 1905 -- Oct 19, *Kaliyuga* Lost, Lake Huron Storm, last seen off Presque Isle, MI -- 17
 714. 1911 -- Jan 10, Barges *Trevorton/Corbin/Pine Forest* Wreck, Cape Cod, MA -- 17
 715. 1912 -- Nov 23, *Rouse Simmons* Sinks, Lake Mich. Storm near Two Rivers, WI --11-17
 716. 1918 -- Apr 05, Ship *Avon* Departs NY, NY, not heard from again, presumed lost -- 17
 717. 1919 -- Mar ~28, Boston Tug *Charles W. Parker, Jr*, Norfolk to Boston, Stm./Lost -- 17
 718. 1924 -- Aug 26~, Three MA fishing schooners lost, probably in gale, Georges Bank-- 17
 719. 1941 -- Dec 10, *Oregon* Collision with USN Boat, Sinks off Nantucket, MA -- 17
 720. 1944 -- May 11, Explos. Ammo dump at sea, Hingham Depot boat, ~Boston Harbor, MA¹⁷⁷⁷ --17
 721. 1947 -- Jan 09, Boston Fishing Trawler *Belle* Goes Missing off Northeast Coast -- 17
 722. 1951 -- Jan 15, Boston, MA fishing trawler *Gudrun* lost off Newfoundland in storm-- 17
 723. 1953 -- May 11, *Henry Steinbrenner* Sinks, Storm, Lake Sup. Near Isle Royale, MI -- 17
 724. 1968 -- Dec 7, Collis., USCG *White Alder & Helena*, Head of Passes, MS Riv. LA -- 17
725. 1807 -- Jul 11, Schooner *Charles*, Wrecks on Reef, fog, W of Portland Light, ME¹⁷⁷⁸-- 16
 726. 1833 -- May 19, St. *Lioness* Fire/Gunpowder Explos., Red River, Montgomery, LA --14-16
 727. 1842 -- Feb 25, Steamboat *North Star* Boiler Explosion & Fire, Tuscaloosa, AL --15-16
 728. 1842 -- Apr 04, Launch from U.S Steam Frigate *Missouri* sinks, Potomac River -- 16
 729. 1848 -- Oct 06, Steamer *Piney Woods* Burns, near Springfield, LA --15-16

¹⁷⁷⁵ St. Louis paper notes 17 deaths; a later New Orleans paper writes that of that number only 12 were truly cholera.

¹⁷⁷⁶ The last three deaths were on the 8th in a San Francisco hospital after transfer from the boat upon landing on 7th.

¹⁷⁷⁷ Cross-listed in Explosions.

¹⁷⁷⁸ Cross-listed in Fog as a Contributing Condition.

730. 1849 -- Mar 03, Steamer *Woodsman*, Mississippi River, Bayou Sara, LA -- 3-16

MARITIME Disasters – Master Set – Deadliest American – By MORTALITY (Cont.)

731. 1855 -- Mar, Gloucester MA Schs. *Reporter & Abner L. Colby* Lost, Georges Bank -- 16
732. 1858 -- Oct, Gloucester, MA Fishing Schooner *Village Belle* Lost -- 16
733. 1860 -- Apr 26, Steamer *Alfred T. Lacy* fire, Isl. 16, MS Riv., ~Caruthersville, MO --13-16
734. 1860 -- Sep 17-18, Storm, *R. H. Dixie* wrecked, Bay of Mobile, off AL -- 16
735. 1863 -- Dec 13, Steamer *Quincy* Founders, Cape Hatteras, NC -- 16
736. 1864 -- Nov ~5, Union transport *James White*, snags/sinks, MS River, Island #10, TN-- 16
737. 1866 -- May 03, Clipper *Hornet*, NY to San Francisco, burns sinks, Pacific Ocean -- 16
738. 1874 -- Sep 28, Steamer *Amanda Winants* Lost off Georgetown, SC -- 16
739. 1882 -- Dec 05, Sch. *Henry Folger* Grounds on Reef, Salmon Pt. ~Wellington, Ont. -- 16
740. 1884 -- Aug 29, Steamer *Belmont* Capsizes, High Wind, near Evansville, IN --≥13-16
741. 1885 -- Dec 25-Jan 1886, Gloucester, MA Fishing Schooner *Mabel Dilloway* Lost -- 16
742. 1887 -- Apr-Aug, MA Fishing Sch. *Lydia Y. (or T.) Crowell*, Lost, N.S. fishing --15-16
743. 1890 -- Mar-Apr, Gloucester, MA Fishing Sch. *William W. Rice* lost, Iceland trip -- 16
744. 1891 -- Aug 12, Storm, Barge *Republic* deck falls, Cold Spring Harbor, L.I., NY --13-16
745. 1892 -- Jun 13, USS *Boston*, Mil. Munitions Explos., Mare Isl. Navy Yard, CA¹⁷⁷⁹ --14-16
746. 1894 -- Mar 12-Jun~, Gloucester Fishing Sch. *Ambrose H. Knight* lost, Iceland trip -- 16
747. 1894 -- Apr 10, Schooners *Albert W. Smith* and *Kate Markee* Wrecked, NJ Coast -- 16
748. 1897 --Aug 12, Whaler *Navarch* caught in ice, abandoned off Blossom Shoals, AK --13-16
749. 1906 -- Dec 19, Steamer *W.T. Scovell* Boiler Explosion, ~Vicksburg, MS --10-16
750. 1913 -- Jan 03, *Julia Luckenbach* Collision/Sinks, Fog, near Tangier Island, VA¹⁷⁸⁰ -- 16
751. 1913 -- Jan 09, *Jas. T. Staples*, Boiler Explosion, Tombigbee River, ~Mobile, AL --15-16
752. 1916 -- Jan 5, *Kanawha*, in storm hits tower, Capsizes, OH Ri. ~Parkersburg, WV -- 16
753. 1918 -- Jun 02, Storm, Lifeboat from *Carolina* (sunk by U-151) Capsizes, off NJ -- 16
754. 1918 -- July 3, Whaler Schooner *Pedro Varela* departs New Bedford, MA, Lost -- 16
755. 1919 -- July 04, Pleasure Steamer *Reliance* Snags and Sinks, Lake Madison, SD --15-16
756. 1920 -- Nov 18, Motorboat fire, Lumbermen drownings, Chesuncook Lake, ME -- 16
757. 1921 -- Feb 26, U.S. Destroyer *Woolsey* hit by *Steel Inventor*, Sinks, Panama -- 16
758. 1929 -- Oct 29, Steamer *S. S. Wisconsin* Sinks off Kenosha, WI, Lake MI Storm -- 9-16
759. 1930 -- Apr 24, Long Island Sound Freighter *Thames* Burns, ~Captains Island, CT -- 16
760. 1942 -- Feb 22, Towboat *G. W. McBride* hits bridge pier, sinks, Ohio R., Cincinnati OH-16
761. 1944 -- Oct 21, USN LSMs 211/212 Explosion/Fire, Berth 223, LA Harbor, CA¹⁷⁸¹ -- 16
762. 1973 -- May 19, Fishing Boat *Comet* Founders off Point Judith, RI -- 16
763. 1973 -- Jun 02, Collision/Explosion, *Sea Witch/Esso Brussels*, NY Harbor, NY -- 16
764. 1974 -- Jan 18, SS *Baune* and Tanker *Keytrader* Collide Lower Miss. River, LA -- 16
765. 1975 -- May 14, Attack, USS *Mayaguez* Khmer Rouge, Koh Tang Island, Cambodia¹⁷⁸² -16
766. 1978 -- June 17, Tornado, Showboat *Whippoorwill* capsized, Pomona Lake, KS¹⁷⁸³ -- 16

¹⁷⁷⁹ Cross-listed in Explosions.

¹⁷⁸⁰ Cross-listed in Fog as a Contributing Condition.

¹⁷⁸¹ Cross-listed in Explosions.

¹⁷⁸² Cross-listed in Violence (Attack).

¹⁷⁸³ Cross-listed in Tornadoes.

767. 1829 -- Sep 16, Steam Pipe Explodes, *William Peacock*, Lake Erie, near Buffalo, NY-- 15

MARITIME Disasters – **Master Set** – Deadliest American -- **By MORTALITY** (Cont.)

768. 1830 -- Apr 01, Explosion of the *Tri-Color*, Ohio River, Wheeling, WV -- 15
769. 1830 -- Apr 22, Steamer *Chief Justice Marshall* Boiler Explos., Hudson River, NY -- 15
770. 1835 -- Oct 1, Steamer *Carrollton* Explosion, Baton Rouge, LA -- 8-15
771. 1836 -- ~Oct, Steamer *Nicholas Biddle* Boiler Explosion, below Memphis TN --13-15
772. 1836 -- Dec 19, Schooner *Dolphin*, Boiler Explosion, off St. Johns Bar, FL -- 15
773. 1838 -- Nov 19, Drownings, Lock and Dam No. 3, Green River, Rochester, KY -- 15
774. 1839 -- May 08, Last seen, Schooner USS *Sea Gull*, Tierra del Fuego to Valparaiso -- 15
775. 1839 -- Late Summer or Fall, Steamboat *Corsair*, Yellow Fever, Mississippi River -- 15
776. 1840 -- Mar 25, Brig *Escambia* founders betw. Frying Pan Shoals/Cape Lookout NC-12-15
777. 1840 -- Apr 25, *Bedford Snags* ~mouth MO Ri. ~Mobile Isl./Cora Isl. Chute MO -- 15
778. 1843 -- Mar 17, Steamboat *Cutter* Flue Collapse, Pittsburgh, PA -- 15
779. 1846 -- Oct 12, Steamer *Colonel Harney* Strands, Brazos, TX -- 15
780. 1846 -- Nov, Gloucester MA Schooners *General Scott*, *Canton* lost, Georges Bank -- 15
781. 1847 -- June 09, Collision, *Chesapeake* and *Porter*, Lake Erie, Conneaut, OH --10-15
782. 1847 -- Dec 20, Steamer *Westwood* hits bank, explosion, near New Orleans, LA --12-15
783. 1849 -- Jan 14, Steamer *Richland* Boiler Explos., Pee Dee Riv. Britton's Ferry, SC -- 15
784. 1849 -- Mar 31, Steamer *Virginia* Boiler Explosion, Ohio River, Rush Run, OH --10-15
785. 1850 -- Apr, Gloucester MA Fishing Schooners *Walter Scott* and *Specie* Lost -- 15
786. 1850 -- May 07, Flue Collapse, Steamboat *Columbus*, Mississippi River, Island 4 -- 15
787. 1850 -- July 31, Boiler Explosion, Steamer *America*, Lake Erie, near Buffalo, NY -- 9-15
788. 1850 -- Nov 07, Steamboat *Telegraph* Boiler Explosion, off New Castle, DE -- 15
789. 1853 -- Dec 22, Steamer *Marlboro/Marlborough* Boiler Explosion, Charleston SC --14-15
790. 1854 -- Jan 09, *General Bem* Snags, AR or MS Riv., Walnut Bend, AR or Grand Cutoff --10-15
791. 1854 -- Feb 16, Steamboat *Kate Kearney* Boiler Explosion, St. Louis, MO -->9-15
792. 1857 -- Feb 21, Steamer *Humbolt* sunk by *Belfast*, chute of Island No. 75, Miss. Riv.-- 15
793. 1857 -- Mar 27, Lake Michigan Storm and Marine Disaster, Chicago, IL -- 15
794. 1857 -- Aug 15, Steamers Collide, *J.N. Harris* Sinks, L.I. Sound, ~Falkland Isl., CT--13-15
795. 1857 -- Oct 15, Steamer *Tropic* snagged, Missouri River, near Waverly, MO -- 8-15
796. 1857 -- Nov 17, *Cataract* Mud Drum Explosion, Missouri River, Lisbon, MO --12-15
797. 1858 -- Feb 4, Steamer *Colonel Crossman* boiler explos., MS Riv. ~New Madrid MO ~15
798. 1860 -- Nov 08, Steamer *Globe* Boiler Explosion, dock, Chicago, IL -- 15
799. 1862 -- Nov 12, Steamer *Eugene* snags wreck, Miss. River, Plum Point Bend, TN -- 15
800. 1869 -- Jan 13, Steamer *Glide* Boiler Explosion, ~50m above New Orleans, LA -- 15
801. 1872 -- Nov 27, *Jupiter & Saturn* Ground, Lake Sup. Storm, Vermilion Point, MI -- 15
802. 1878 -- Sep 28, Steamer *Adelphi* Boiler Explos., ~Gregory's Pt. E. Norwalk, CT --14-15
803. 1879 -- Aug~, Whaling Schooner *Arizona*, reportedly lost off Cape Hatteras, NC -- 15
804. 1880 -- Apr 27, Schooner *Olivia Schultze* Founders, ~mouth of Sinslaw River, OR -- 15
805. 1885 -- Aug 20, Brit. Bark *Haddingtonshire* Strands 3 miles No. Point Reyes, CA -- 15
806. 1888 -- Nov 26, Schooner *Edward Norton* Wrecks, Stm., First Cliff Pt., Scituate MA-- 15
807. 1891 -- Oct, MA Fishing Schooner, *Hattie N. Reed*, Lost at Sea -- 15
808. 1900 -- Aug 2-3, Storm, Steamers *Merwin*, *Resolute* and *Dollar* "Wreck," AK -- 15
809. 1902 -- Dec 21, Last sighting of American ship *Florence*, Tacoma, WA for Honolulu-- ~15

810. 1903 -- May 5, fog, Gloucester, MA fishing Sch. *Gloriana* grounds, White Point, NS¹⁷⁸⁴-15
 811. 1903 -- May 5, Fog, Steamer *Saginaw* sinks, liner *Hamilton* collis. ~Hog Island, VA¹⁷⁸⁵-15
 812. 1903 -- Sep 16, Gloucester Sch. *George F. Edmunds*, grounds, storm, Pemaquid Pt. ME-15
 813. 1909 -- Dec 08, *Clarion* Fire, Lifeboat Loss, Lake Erie, SE Shoal Lighthouse -- 15
 814. 1911 -- Jun 12, Storm, Fishing Boats Capsized, James River & Hampton Roads, VA-- 15
 815. 1913 -- June 9, Whaler Steamer *A. T. Gifford* leaves New Bedford, MA, Lost -- 15
 816. 1915 -- Jan 24-5, Sch. Yacht *Idler* Grounds, Diamond Shoals, ~Cape Hatteras, NC --12-15
 817. 1915 -- Apr 03, Steamer *Edward Luckenbach* Founders, False Capes, VA -- 15
 818. 1915 -- Nov 2, Steamer *Santa Clara* Grounds, Coos Bay Bar, OR --12-15
 819. 1917 -- Mar 16, *Vigilancia* (NY to Archangel) torpedoed by German Sub -- 15
 820. 1919 -- May 23, Steamer *Virginia* Fire ~Potomac Riv. mouth, Chesapeake Bay, MD-- 6-15
 821. 1923 -- Feb 20, *Alta* Sails from San Pedro, CA for Bellingham, WA, Lost -- 15
 822. 1925 -- June 28, Gloucester, MA fishing Sch. *Rex* sunk by Liner off 200M E of N.S.-- 15
 823. 1930 -- July 29, Sandsucker *George Whelan* Capsizes/Sinks, Dunkirk, NY -- 15
 824. 1942 -- Dec 2, Navy boat capsizes (shore-leave sailors); Narragansett Bay ~Jamestown, RI-- 15
 825. 2001 -- April 1-2, fishing boat *Arctic Rose* (homeport Seattle, WA) sinks, Bering Sea-- 15

MARITIME Disasters – Master Set – Deadliest American -- By MORTALITY (Cont.)

826. 1802 -- Feb 22/23, winter storm, ships ground, esp. *Brutus*, exposure, Cape Cod, MA¹⁷⁸⁶14
 827. 1834 -- Apr 12, Steamer *St. Louis*, Boiler Explos., Des Moines Rapids, IA -- 14
 828. 1841 -- Nov, Pilot Boat & boat from *William Gaston* Capsize, Indian River Bar, FL -- 14
 829. 1842 -- Feb 19, Steam Towboat *Mohican* Boiler Explos., MS Ri., New Orleans, LA --10-14
 830. 1848 -- Late Dec, Steamer *Potomac* [unclear], Cholera, NOLA to Louisville, KY¹⁷⁸⁷-- 14
 831. 1849 -- Jun 09, Flue collapse, Steamboat *Embassy*, Ohio River, Three Mile Bar, KY- 10-14
 832. 1854 -- Oct 06, Steamer *Princess* Burns, Mississippi River, Fort Adams, MS -- 14
 833. 1856 -- Nov 26, Schooner *Cherokee* Founders, Lake MI Gale, ~Manistee, MI -- 14
 834. 1858 -- Dec, Gloucester MA Schooner *John Franklin* lost after leaving Prince Ed. Il.-- 14
 835. 1862 -- Nov 05, Steamer *J.H. Dickey* Grounds IL shore, MS River, Boiler Explodes-- 14
 836. 1864 -- Jan 23, Schooner *Dashaway* Wrecks, Cape Mendocino, CA -- 14
 837. 1864 -- Feb 17, Steamboat *Orient* Snags, upper Mississippi River, Commerce, MO -- 14
 838. 1866 -- June 18, *Jennie P. King* Wrecks, L. Erie Stm., out of Tonawanda, NY -- 14
 839. 1866 -- Oct (late). US gunboat *Bienville*, while in Caribbean and passage to NYC -- 14
 840. 1867 -- Jan-Feb, Amer. Bark *John Bright* strands near Nootka Isl., BC, crew murdered-- 14
 841. 1868 -- Oct 06, Propeller *Perseverance* Burns, Lake Ontario off Pultneyville, NY -- 14
 842. 1876 -- Apr-May, Gloucester, MA Fishing Schooner *James L. Shute* Lost on GB -- 14
 843. 1878 -- Jan-Feb, Gloucester, MA Fishing Schooner *Carrie P. Morton* lost, Grand Bk.-- 14
 844. 1878 -- Oct 20, Last sighting of Fishing Schooner *Cunard* out of Gloucester, MA¹⁷⁸⁸-- 14
 845. 1879 -- Apr, Gloucester, MA Fishing Schooner *William Thompson*, lost, Banks -- 14
 846. 1879 -- Apr 18, Steamer *Great Republic* Strands, Columbia River, Sand Island, OR --13-14

¹⁷⁸⁴ Cross-listed in Fog as a Contributing Factor.

¹⁷⁸⁵ Cross-listed in Fog as a Contributing Factor.

¹⁷⁸⁶ Cross-listed under Winter Storms.

¹⁷⁸⁷ “A dispatch just received from Louisville, dated 28th, says the steamer Poto... [unclear] arrived from New Orleans this morning and reports that the cholera is very bad there. Fourteen of the steamer’s deck passengers died with it coming up.” (*Sandusky Clarion*, OH. “Telegraphic Dispatches.” 1-7-1849, 3.)

¹⁷⁸⁸ On Fishing trip to the Grand Banks.

847. 1879 -- Oct, Gloucester, MA Fishing Schooner *Andrew Leighton* lost, LaHave Bank-- 14
 848. 1879 -- Oct 29, Gloucester, MA Fish Sch. *N. H. Phillips*, Lost, Banquereau Bank NS-13-14
 849. 1879 -- Dec, Schooner *Mary D. Pomeroy*, Crescent City, CA to SF, CA, Lost -- 14

MARITIME Disasters – Master Set – Deadliest American -- By MORTALITY (Cont.)

850. 1880 -- Mar 23, Gloucester, MA Sch. *Annie C. Norwood* lost, Caches' Shoal, MA -- 14
 851. 1880 -- Nov, Gloucester, MA Fishing Schooner *Nathaniel Webster*, the Banks -- 14
 852. 1881 -- Aug-Sep, Gloucester, MA Fishing Sch. *Guy Cunningham* lost Grand Bank --13-14
 853. 1882 -- Dec 01, *R.G. Peters* Fire/Founders, Lake MI Stm., out of Manistee, MI -- 14
 854. 1885 -- Feb 9~, Gale, Gloucester, MA Fishing Schooner *Solomon Poole* lost GB -- 14
 855. 1885 -- Dec-Jan 1886, Gloucester, MA Fishing Schooner *Virginia Dare* Lost, GB -- 14
 856. 1886 -- Jun-Jul, Gloucester, MA Fishing Schooner *Seth Stockbridge* lost, Greenland-- 14
 857. 1886 -- Aug-Sep, Gloucester, MA Fishing Schooner *George L. Smith* lost GB trip -- 14
 858. 1886 -- Nov 19, Barges *Menekaunee & Marinette* Wreck, Lake MI., ~Frankfort, MI-- 14
 859. 1887 -- Aug 20, Gale, Provincetown MA Whaling Sch. *Ellen Rizpah* lost ~Hatteras --13-14
 860. 1887 -- Sep 3~, Gloucester, MA Fishing Schooner *Thomas L. Tarr* Lost, Banks trip -- 14
 861. 1887 -- Oct 03, Propeller *California* Founders, Lake MI, Straits of Mackinac, MI --13-14
 862. 1888 -- May 03 Schooner *Isabel*, San Francisco to Shamagin Island, AK, Lost -- 14
 863. 1888 -- May 21, Fishing Schooner *Isabel* springs a leak, founders, Coast of Alaska -- 14
 864. 1889 -- Mar 16, Portland, ME Bark *E.L. Pettengill*, Wrecks, Chesapeake Bay -- 14
 865. 1889 -- Mar 26~, Gloucester Fishing Sch. *Shiloh* reported run down off Cape Cod -- 14
 866. 1890 -- Jan 9~, Gloucester, MA Fishing Schooner *Alice M. Strople* lost GB Gale? -- 14
 867. 1891 -- Sep, Portland ME Fishing Schooner *City Point* Lost, La Harve Banks trip --12-14
 868. 1892 -- Aug 26, Ship *William A. Campbell*, out of Port Townsend, WA sinks, storm--11-14
 869. 1895 -- Mar 08, Steamer *Longfellow* hits C&O Bridge Pier, Sinks, Cincinnati, OH --11-14
 870. 1901 -- Jan 22, Gloucester, MA schooner *Commonwealth* sails for Georges Bank, lost-- 14
 871. 1901 -- Sep 16, Gloucester, MA Schooner *Lolanthe* departs for codfishing trip, lost -- 14
 872. 1902 -- July 17, Sudden Squall, Excursion Party Boat Capsizes, ~Appledore Is. ME -- 14
 873. 1902 -- Nov 23, Freighter *Silvanus J. Macy* Sinks, Lake Erie Storm -- 14
 874. 1902 -- Dec 17, Last sighting, Gloucester fishing Sch. *Annie Wesley*, off Sable Island-- 14
 875. 1904 -- Feb 27, Steamship *Queen*, Fire/Drowning, off Coast of OR -- 14
 876. 1909 -- July 12, *John B. Cowle* Hit/Sinks, Lake Superior, Whitefish Point, MI -- 14
 877. 1909 -- Dec 26, Schooner *Davis Palmer* Founders off Boston Harbor, MA -- 14
 878. 1911 -- Nov 12, Storm, Steam Barge Lost off NY Harbor, NY -- 14
 879. 1919 -- Jan 15, Schooner *Ellen A. Swift* Leaves New Bedford, MA, Whaling, Lost -- 14
 880. 1923 -- Dec 5, Steamer *T.W. Lake* Lost in Storm, off San Juan Islands, WA --13-14
 881. 1924 -- Oct 20, USS *Trenton* Gun Turret Powder Bag Explosion, off Norfolk, VA -- 14
 882. 1928 -- Aug 9, *William A. McKenney*, Storm/Drownings, Coast of CA -- 14
 883. 1930 -- Jan 28, *Edgar F. Coney* Sinks/Storm, Gulf of Mex. ~70m off Sabine Pass TX-- 14
 884. 1942 -- Dec 2, Tug *Admiral* Sinks, Lake Erie Storm ~Avon Pt. Cleveland, OH -- 14
 885. 1943 -- Jan 12, USN Destroyer *Worden* hits rock/sinks, off Amchitka Island, AK -- 14
 886. 1955 -- Aug 12, Schooner *Levin J. Marvel* founders Chesapeake Bay ~Fairhaven MD-- 14
 887. 1981 -- May 26, USN EA-68 Prowler Crash, USS *Nimitz*, off Jacksonville, FL¹⁷⁸⁹ -- 14
 888. 1983 -- Feb 14, Crab boats *Altair & Americus* capsizes, *Altair* sinks, Bering Sea ~AK-- 14

¹⁷⁸⁹ Cross-listed in Aviation.

889. 2002 -- May 26, Barge hits Bridge, Span Collapse, Webbers Falls, OK¹⁷⁹⁰ -- 14

MARITIME Disasters – Master Set – Deadliest American -- By MORTALITY (Cont.)

890. 1810 -- Sep 11, USN *Gun Boat # 159* Sinks in Gale in Chesapeake Bay -- 13
891. 1824 -- May 15 Steamer *Aetna* Boiler Explosion, New York Harbor, NY --10-13
892. 1831 -- May 14, Steamboat *Coosa* sinks, collision with *Huntress*, Caruthersville, MO-- 13
893. 1831 -- Jul-Aug, Schooner USS *Sylph* Lost after leaving Pensacola, FL -- 13
894. 1833 -- Nov 08, Steamer *Illinois* Boiler Explosion, Miss. River, near Cairo, IL -- 13
895. 1841 -- Aug 29, Steamboat *Keokuk* Snags, Miss. River, St. Genevieve Island, MO --11-13
896. 1846 -- Nov 19, Schooner *Lexington* Sinks, Lake Erie Storm, ~Pt. Mouillee, MI -- 13
897. 1850 -- April, Cholera, Steamer *St. Louis*, New Orleans to St. Louis, arriving May 1--12-13
898. 1851 -- Fishing Schooner *Burlington* Lost -- 13
899. 1851 -- June-July?¹⁷⁹¹ Cholera, Steamboat *St. Ange*, upon arrival at Fort Pierre, SD -- 13
900. 1852 -- Jan 09, Steamboat *Magnolia* Explodes, St. Simon's Island, GA -- 13
901. 1863 -- Feb 22, Tug *Merrimac* Wrecks, Humboldt Bar, CA -- 13
902. 1864 -- May 21, Steamboat *Nile* Boiler Explosion, Detroit, MI -- 6-13
903. 1867 -- Sep, Gale, Gloucester MA Fishing Sch. *Fashion* lost, Bay of St. Lawrence -- 13
904. 1874 -- Apr 15, Tow Boat Capsizes, Mississippi River, Below New Orleans, LA -- 13
905. 1874 -- Nov, Gloucester, MA Fishing Schooner *G. G. Kidder* Lost, Grand Banks --12-13
906. 1876 -- Mar 01, Explosion, Scow, Umatilla Rapids, OR -- 13
907. 1876 -- Sep 17, Steamer *Rebecca Clyde*, Strands/Wrecks, 20m so. of Hatteras, NC --12-13
908. 1877 -- Jan 7, Steamer *Montgomery* hit by *Seminole*, sinks, 38m NE of Cape May NJ-- 13
909. 1878 -- Jan 10, Storm, Boston Fishing Sch. *Little Kate* Grounds Near Duxbury, MA-- 13
910. 1880 -- Jan, Barkentine *Ray R. Sharp*, Philadelphia, PA for Lisbon, Portugal, Lost -- 13
911. 1880 -- Aug 28, Bark *Miriam*, Pensacola to Rio de Janeiro, Lost at Sea -- 13
912. 1880 -- Aug 29, Bark *Alfred*, Pascagoula MS for Trinidad Island, Spain lost at sea -- 13
913. 1884 -- Apr 3, *Rebecca Everingham* fire, Chattahoochee Riv., Fitzgerald Landing GA-- 13
914. 1885 -- Oct, Bark *Bertha*, Sand Key, Turk's Isl. for Boston, Lost at Sea -- 13
915. 1893 -- May 07, Steam Flue Bursts, Steamer *Ohio*, Miss. River ~ Wolf Island, MS -- 13
916. 1894 -- Apr, Gloucester, MA Fishing Schooner *Martha and Susan* lost, Georges trip-- 13
917. 1896 -- Oct 20, Steamer *Arago* Snags/Sinks, Mouth of Coos Bay, OR -- 13
918. 1900 -- Sep 14, Gloucester, MA fishing schooner *Sigfrid* sails for Quero Bank, lost -- 13
919. 1901 -- May 24, Steamer *Baltimore* Founders, Lake Huron, near Au Sable, MI -- 13
920. 1902 -- Feb 02, *Belle of Oregon*, *Antelope*, *Mystic Bell* lost, ~ Fire Island, NY -- 13
921. 1909 -- Dec 13, Sch. *Governor Ames* Wrecks, Stm., Wimble Shoals, Cape Hat., NC --11-13
922. 1916 -- Jan 04, Gas Fumes Explos., Oil Tank Steamer *Aztec Norge*, Erie Basin, NY -- 13
923. 1916 -- Apr 7, Schooner *Bertha L. Barker* Lost, out of New York, NY -- 13
924. 1917 -- Dec 08, Storm, *Eugene F. Moran* Founders off Atlantic City, NJ -- 13
925. 1918 -- Mar 19, Tug *W.A. Bisso*, Sinks in Collision near New Orleans, LA -- 13
926. 1919, Apr 28 U.S. Navy Launch Hits Log, Capsizes, Hudson River, NY, NY -- 13
927. 1919 -- Dec 26, Schooner *Eleanor A. Percy* Founders of coast of Ireland -- 13
928. 1920 -- Jan 29, Steamer *Samuel Faunce* lost, Wilmington, NC to Key West FL¹⁷⁹² -- 13

¹⁷⁹⁰ Cross-listed in Bridge Failures.

¹⁷⁹¹ A newspaper report is dated July 29. Another source simply notes that the *St. Ange* brought cholera to Fort Pierre, starting an epidemic which spread to traders, trappers, local Native Americans, and then their neighbors.

929. 1920 -- Feb 01, Steamer *Fortune* Lost off Jekyl Island, GA -- 13
 930. 1969 -- May ~31, CA-based Racing Yacht *Goodwill* Wrecks on Reef off Baja, CA -- 9-13
 931. 1972 -- Aug 16, Marine Wind Storm off Northern CA and Southern OR -- 13
 932. 1974 -- Apr 09, Explosions, Tanker *S.S. Elias*, Delaware River, Fort Mifflin, PA -- 13
 933. 1976 -- Apr 15, Oil Platform *Ocean Express* Capsizes, Storm, Gulf of Mex. off TX -- 13
 934. 1989 -- July 31, *Avco 5* Liftboat Capsizes, Hurricane Chantal, off Morgan City, LA -- 13
 935. 1999 -- May 1, *Miss Majestic* DUKW tour boat sinks off St. John's Isl., Lake Hamilton, AR--13

MARITIME Disasters – **Master Set** – Deadliest American -- **By MORTALITY** (Cont.)

936. 1821 -- Oct 25, *Sea Fox* Capsizes Storm, same day as sailing from NYC, NY -- 12
 937. 1831 -- Jun 09, *General Jackson*, Explosion, Hudson River Grassy Point, NY -- 12
 938. 1836 -- Aug 9, Steamer *Motto* Boiler Explos., Blennerhasset's Island, OH Riv., WV-- 12
 939. 1837 -- July 28, Sidewheel *Chariton*, Boiler Explosion St. Louis, MO -- 12
 940. 1838 -- Barque *Edward Quesnel* Wrecks on Nepeague Beach, Long Island, NY --10-12
 941. 1844 -- Jun 19, Sidewheel Steamer *Palestine* Fire and Drownings, MS Ri., ~Cairo, IL -- 12
 942. 1850 -- April, Cholera, Steamer *Missouri*, New Orleans to St. Louis, arriving May 2-- ~12
 943. 1850 -- May 23, Flue Collapse, Steamboat *St. Louis*, Jefferson Barracks, MO --10-12
 944. 1851 -- by April 24, Cholera, Steamboat *Iroquois*, New Orleans to St. Louis, MO -- 12
 945. 1852 -- Feb 16, Flues Collapse, *May Queen*, AR Riv., 45m below Little Rock, AR -- 12
 946. 1852 -- Apr 11, *Pocahontas* Fire, Miss. River, Island No. 78, Choctaw Bend, AR --10-12
 947. 1852 -- Dec 14, *Western World/H.R.W. Hill*, collide, MS Riv., Princeton Landing, MS-- 12
 948. 1854 -- Feb, Gloucester, MA Fishing Schooner *Flight* Lost, Georges Bank -- 12
 949. 1854 -- Sep 17/18, Steamer *Kate Ward* Lost, Hurricane, Matagorda Bay, TX¹⁷⁹³ -- 12
 950. 1855 -- Apr 20, Propeller *Oregon* Boiler Explosion, Detroit River, ~Belle Isle, MI -- 12
 951. 1860 -- Mar 06, Steamer *Alfred Thomas* Boiler Explosion, Del. River, Easton, PA --10-12
 952. 1860 -- Sep 22, Gloucester, MA Schooner *Neptune's Bride*, Wrecks, Maine -- 12
 953. 1862 -- Aug 09, *Illinois* Hits *Oriole*, Fog, Lake Superior, off Munising, MI¹⁷⁹⁴ -- 12
 954. 1862 -- Oct 08, Steamer *Ceres*, Explosion, St. Joseph Island, LA -- 12
 955. 1864 -- Aug 10, Propeller Racine boiler Explosion, Lake Erie, off Rondeau, Ontario-- 12
 956. 1865 -- Jun 3, Steamers *Poland* and *Idaho* Collide, *Poland* Sinks, Yazoo River, MS --10-12
 957. 1865 -- July 31, Steamer *Joseph Pierce* Boiler Explosion, Palmyra Landing, MS -- 12
 958. 1866 -- Jan 09, Steamer *Asher Ayres* Burns, Altamaha River, Darien, GA -- 6-12
 959. 1867 -- Mar 03, Propeller steamer *Andalusia* Fire and Drownings, off Hatteras, NC -- 12
 960. 1868 -- ~Dec-Jan 1869, Stm., Gloucester, MA Fishing Sch. *Forest Belle* lost, GB -- 12
 961. 1870 -- Sep, Gloucester MA Fishing Sch. *Dauntless* lost on way to St. Lawrence Bay-- 12
 962. 1870 -- Sep 18, Gale, Gloucester, MA Fishing Schooner *Day Star* Lost at Sea -- 12
 963. 1871 -- Jan 9, Gloucester, MA Fishing Schooner *Edith Wonson* lost on Western Bank-- 12
 964. 1871 -- Summer, East Gloucester, MA Fishing Schooner *River Queen* lost at sea -- 12
 965. 1872 -- Jan, Gloucester, MA Fishing Schooner *Messenger* lost on Western Bank -- 12
 966. 1874 -- Feb 11, Gale, Gloucester, MA Fishing Schr. *B. H. Smith*, Lost Grand Banks -- 12
 967. 1874 -- Mar, Gloucester, MA Fishing Schooner *White Fawn* lost Western Banks -- 12
 968. 1875 -- Jan, Gloucester, MA Fishing Sch. *David Burnham* lost on Grand Banks -- 12

¹⁷⁹² I assume that the *Fortune* and *Samuel Faunce* events refer to same event and that one of the sources is wrong.

¹⁷⁹³ Cross-listed under Hurricane.

¹⁷⁹⁴ Cross-listed under Fog as a contributing factor.

969. 1875 -- Jan, Gloucester, MA Fishing Schooner *Joseph Chandler* lost, Grand Banks -- 12
 970. 1875 -- Feb, Gloucester, MA Fishing Schooner *J. C. Call* lost, Grand Banks -- 12
 971. 1875 -- Feb, Gloucester, MA Fishing Schooner *Sarah H. Cressey* lost, Grand Bank -- 12
 972. 1875 -- Mar, Gloucester, MA Fishing Schooner *H.B. Stanwood* lost, Georges Bank -- 12
 973. 1875 -- Nov, Gloucester, MA Fishing Schooner *Pharsalia* Lost, Georges Banks -- 12

MARITIME Disasters – **Master Set** – Deadliest American -- **By MORTALITY** (Cont.)

974. 1876 -- ~May, Gloucester, MA Fishing Sch. *Saratoga* hit/sunk, Georges Bank -- 9-12
 975. 1876 -- Sep, Gloucester, MA Fishing Schooner *Walter M. Falt* lost on Grand Banks-- 12
 976. 1876 -- Dec, Gloucester, MA Fishing Schooner *William T. Merchant* lost, Grand Bank-- 12
 977. 1878 -- Jan 2-3, Cape Cod Storm, Schrs. *A.P. Avery, Powwow, F. Fish* Wrecked -- ~12
 978. 1879 -- Apr, Gloucester, MA Fishing Schooner *Ida* (or *Ada*) *E. Baker*, Western Bank-- 12
 979. 1881 -- Apr 15, Gloucester, MA Fishing Schooner *Carrie S. Dagle* lost, Western Bank-- 12
 980. 1885 -- Dec 25-Jan 1886, Gloucester, MA Fishing Sch. *Hyperion* lost, GB trip gale? -- 12
 981. 1887 -- Apr, Gloucester, MA Fishing Schooner *Jamestown* Lost, Western Bank -- 12
 982. 1887 -- Apr 01, Ship *Eldorado* (Seattle to SF) Founders off Cape Flattery, WA -- 12
 983. 1887 -- Nov-Dec, Gloucester, MA Fishing Schooner *Peter D. Smith* lost Georges trip-- 12
 984. 1887 -- Nov-Dec, Gloucester, MA Fishing Schooner *William Parsons, 2nd*, lost, GB-- 12
 985. 1887 -- Dec 20, Str. *San Vicente*, SF to Santa Cruz, Burns off Point New Year, CA -- 12
 986. 1888 -- Nov-Dec, Gloucester, MA Fishing Schooner *Carleton* Lost, Georges trip -- 12
 987. 1888 -- Nov-Dec, Gloucester, MA Fishing Schooner *Joseph O.* lost, Georges trip -- 12
 988. 1889 -- Nov 20, Steamer *Manhattan* sinks, collision, Sch. *Agnes Manning*, off DE --10-12
 989. 1891 -- Jan-Feb?, Gloucester, MA Fishing Schooner, *Veteran* lost, Georges trip -- 12
 990. 1891 -- Sep, Gale, Beverly, MA Fishing Sch. *Albert Woodbury* Lost ~Nova Scotia --11-12
 991. 1891 -- Sep-Oct, Gloucester, MA Fishing Schooner *Percy* Lost, Georges Bank trip -- 12
 992. 1893 -- Aug, Gloucester, MA Fishing Sch. *Pioneer* lost, Georges Bank trip -- 12
 993. 1895 -- Jan 26, Barges towed by *Sea King* Founder, Storm, off Pt. Judith, RI -- 12
 994. 1895 -- Feb 09, Gloucester Schooner *Clara F. Friend* strands, Eastern Head, N.S. -- 12
 995. 1899 -- Feb 14~, Gloucester MA Schooner *A.M. Burnham* lost on Brown's Bank -- 12
 996. 1899 -- Oct 30, Steamer *George L. Colwell* Founders, Gale off Coast of SC -- 12
 997. 1899 -- Dec 05, Freighter *Niagara* sinks, Lake Erie Storm, 10m E, Long Pt. Ontario-- 12
 998. 1902 -- Mar 17, Monomoy Station Lifeboat Capsizes off Chatham, MA -- 12
 999. 1902 -- Dec 03, Ship *Progreso*, Fuel Tank Explosion, Fulton Shipyard, SF, CA -- 12
 1000.1903 -- Oct 03, Storm, Steamer *Erie L. Hackley* Sinks, Green Bay ~Green Isl., WI --11-12
 1001.1906 -- Jan 13, Schooner *Robert H. Stevenson* Grounds, Diamond Shoals, NC -- 12
 1002.1906 -- Jun 11, Steamer *Corinthian* Grounds, Humboldt Bar, CA -- 12
 1003.1907 -- April 13, Steamer *Arcadia* Founders, Lake Michigan, Big Sable, MI -- 12
 1004.1910 -- May 11, *City of Saltillo* Grounds on Rock, Sinks, Glen Park, MO -- 12
 1005.1911 -- July 07, Steamer *Santa Rosa* Grounds north of Point Arguello, CA -- 12
 1006.1914 -- Aug 26, *Admiral Sampson* Collision, Fog, Puget Sound, Point No Pt., WA¹⁷⁹⁵ -- 12
 1007.1924 -- Nov 15, Rum Runner tug *William Maloney* Founders, storm, Newport, RI --11-12
 1008.1927 -- Apr 08, Gloucester, MA fishing schooner *Commonwealth* burns, N.S. coast -- 12
 1009.1934 -- Jun 12, Tuna Clipper *Belle Isle* Sails from San Diego, CA, Lost at Sea -- 12
 1010.1936 -- June 19, Outboard Motor Boat Capsizes, Children Drown, Lake Gardner, ME-- 12

¹⁷⁹⁵ Cross-listed under Fog as a contributing factor.

1011.	1939	--	Salmon boat <i>Oduna</i> sinks off Noyes Island, AK	--	12
1012.	1944	-- Apr 27,	<i>Ashcroft</i> Rams <i>James H. Reed</i> , Lake Erie Fog, OH ¹⁷⁹⁶	--	12
1013.	1944	-- Sep 15,	USCG Lightship <i>LS-73</i> Sinks, Hurricane, off coast of MA	--	12
1014.	1945	-- May 5,	Civilian US Steamer <i>Black Point</i> Torpedoed, off Point Judith, RI ¹⁷⁹⁷	--	12
1015.	1947	-- Mar 12,	Tanker <i>Fort Dearborn</i> , San Fran. to Shanghai, breaks up, gale, Pacific	--	12
1016.	1947	-- Jun 22,	Tankship <i>Markay</i> Petrol. Prod. Loading Vapor Explos., LA CA ¹⁷⁹⁸	--	10-12
1017.	1950	-- Dec 18,	Tug <i>Sachem</i> Sinks, Lake Erie, off Dunkirk, NY	--	12
1018.	1961	-- Nov 07,	M/V <i>Union Reliance</i> , M/V <i>Berean</i> , Collision, near Houston, TX	--	12
1019.	1979	-- Aug 30,	<i>Inca Tupac Yupanqui</i> hits barge, explos./fire, MS Riv., Good Hope, LA	--	12

MARITIME Disasters – Master Set – Deadliest American -- By MORTALITY (Cont.)

1020.	1822	-- Oct 27,	Ship <i>Savannah</i> Grounds and Breaks-up ~ Fire Island, L.I., NY	--	11
1021.	1830	-- Apr 22,	<i>New Caledonia</i> , Boiler Explodes, MS Riv, near Cairo, IL	--	11
1022.	1841	-- Sep-Oct.	Yellow Fever, crew of the USS <i>Levant</i> , at Pensacola, FL	--	11
1023.	1847	-- Jan 29,	the <i>Tuscaloosa</i> , Boiler Explosion, 10M from Mobile, AL	--	11
1024.	1849	-- Apr 17,	<i>Outward Bound</i> Founders, Lake MI Stm., Manitou Passage MI	--	11
1025.	1850	-- Oct 5,	Steamer <i>Kate Fleming</i> boiler explos., OH R. Mouth ¹⁷⁹⁹ ~Walker's Bar-9-11		
1026.	1851	--	Fishing Schooner <i>Hamilton</i> Lost	--	11
1027.	1851	-- Aug 20,	Steamboat <i>Dacotah</i> , Explosion, Peoria, IL	--	11
1028.	1853	-- June 20,	Steamboat <i>New World</i> , Boiler Explosion, New York, NY	--	11
1029.	1854	-- May 12,	Steamer <i>Pike</i> Snags/Sinks, Big Eddy, Wilkinson's Landing, MO	--	10-11
1030.	1855	-- Nov 3,	<i>Delaware</i> Grounds, Lake MI Storm, 8m off Sheboygan, WI	--	11
1031.	1857	-- Mar 31,	Steamer <i>Forest Rose</i> Boiler Explosion Miss. River, ~Napoleon, AR	--	11
1032.	1865	-- Dec 09,	Ferry Steamboat <i>De Soto</i> , Explosion, Pascagoula, MS	--	11
1033.	1866	-- Apr 18,	<i>City of Norwich/Van Vliet</i> collide, Huntington Harbor, NY	--	11
1034.	1867	-- Nov 17,	Steamboat <i>Onward</i> burns, Alabama River, Bells Ledge, AL	--	11
1035.	1868	-- May 1,	Propeller Gov. <i>Cushman</i> Explodes, Buffalo, NY	--	11
1036.	1869	-- Nov 4-15,	¹⁸⁰⁰ <i>WW Arnold</i> Grounds, Lake Sup. Storm, Two Hearted River, MI	--	11
1037.	1870	-- Jan,	Gloucester, MA Fishing Schooner <i>Viking</i> lost, on way to Grand Banks	--	11
1038.	1871	-- Jul 3,	Cal. Brig <i>Shelehoff</i> disabled Pacific Ocean storm, starvation, found Oct 19-11		
1039.	1873	-- Mar,	Gloucester, MA Fishing Schooner <i>J. H. Orne</i> lost on Georges Bank	--	11
1040.	1875	-- Apr 29,	Fishermen Drown off Saint Joseph, MI	--	11
1041.	1875	-- Aug 26,	Ships <i>Comet & Manitoba</i> Hit, 7M SE Whitefish Point, WI	--	11
1042.	1875	-- Dec 01,	Steamer <i>Sunnyside</i> hits Ice/Sinks, Hudson, near West Park, NY	--	11
1043.	1876	-- ~Apr 4,	Gloucester, MA Fishing Schooner <i>Kearsarge</i> Lost, Georges Bank	--	11
1044.	1876	-- Apr-May,	Gloucester, MA Fishing Schooner <i>Janet Middleton</i> Lost on GB	--	11
1045.	1876	-- Dec,	Gloucester, MA Fishing Schooner <i>Howard Steele</i> Lost, La Have Bank	--	11
1046.	1876	-- Dec,	Gloucester, MA Fishing Sch. <i>Modena B. Jerauld</i> Lost, La Have Bank	--	11
1047.	1877	-- Jan,	Gloucester, MA Fishing Schooner <i>Mary Burnham</i> lost, La Have Bank	--	11
1048.	1883	-- May 22,	Schooner <i>Wells Burt</i> founders, Lake MI Storm, off Evanston, IL	--	10-11

¹⁷⁹⁶ Cross-listed under Fog as Contributing Factor.

¹⁷⁹⁷ Cross-listed under Violence-Attack

¹⁷⁹⁸ Cross-listed under Explosions.

¹⁷⁹⁹ This would put the event between Illinois and Kentucky.

¹⁸⁰⁰ Four dates are provided in the accounts cited in narrative, Nov 1, on or after Nov 4, Nov 11, and Nov. 15.

1049. 1884 -- June 8, Ferry Boat goes over Falls, Drownings, Thompson's Falls, MT -- 11
 1050. 1886 -- Mar 16, Stm. *Beda*, Columbia Ri. to SF CA Founders ~Cape Perpetua, OR-- 11
 1051. 1886 -- Sep, Steamboat *Julia* Boiler Explosion -- 11
 1052. 1888 -- Jan 09, Ship *John T. Berry*, Philadelphia, Pa. to Japan, Burns at Sea -- 11
 1053. 1889 -- Jan 05, Steamer *Paris C. Brown* Snags and Sinks, Hermitage Landing, LA -- 8-11
 1054. 1889 -- Feb 22, Nova Scotia Bark *Josie Troop* Wrecks at Chicamacomico, NC -- 11

MARITIME Disasters – **Master Set** – Deadliest American -- **By MORTALITY** (Cont.)

1055. 1892 -- Feb 19-Mar 02~, Gale, Sch. *Tecumseh*, Strands, Fenwick Isl. Shoals, MD --10-11
 1056. 1895 -- Nov 23-Dec, Gloucester Fishing Schooner *Falcon* Lost, Georges Bank trip -- 11
 1057. 1896 -- Oct 14, NY Fishing Smack *W.W. Story* last seen off Absecon, NJ -- 11
 1058. 1900 -- Sep 11, *John B. Lyon* Sinks, Lake Erie Storm, off Conneaut, OH -- 11
 1059. 1902 -- Dec 17, Schooners *Louise B. Crary/Frank A. Palmer* Collide, Gloucester, MA--11
 1060. 1904 -- May 26, Tow *Fred Wilson*, Boiler Explosion, W. Louisville, KY -- 11
 1061. 1905 -- July 7, Drownings, at Log Jam, Chippewa River, Little Falls Dam, WI -- 11
 1062. 1905 -- Nov 29, *Mataafa, Edenborn, Lafayette* wreck, Lake Sup. Stm. ~Duluth, MN-- 11
 1063. 1907 -- June 11, Battleship *Minnesota* Launch Run-Down Hampton Roads, VA -- 11
 1064. 1908 -- Feb 14, Ship *Emily Reed* Grounds, Nehalem Beach, OR -- 11
 1065. 1908 -- Apr 26, *Miriam* hit by "Cyclone," Capsizes, Miss. River, ~Hardins Pt. AR -- 11
 1066. 1908 -- May 2, Steamer *Minnie E. Kelton* Grounds, Yaquina Head, OR -- 11
 1067. 1908 -- Nov 21, Steamer *H.M. Carter* Explosion/Fire, Miss. River, Palo Alto, LA --10-11
 1068. 1909 -- June 06, Ship Hits Wharf, Collapses, Mandeville, Lake Pontchartrain LA -- 11
 1069. 1909 -- Aug 18, Gloucester, MA Schooner *Orinoco* capsizes, Sambro, Nova Scotia-- 11
 1070. 1909 -- Oct 11, Tug *Sybil* Wrecks, Hurricane, off coast of Miami, FL -- 11
 1071. 1909 -- Dec 24, Steamer *Columbia* Lost, out of NYC, NY to Port au Prince Haiti -- 11
 1072. 1911 -- July 28, New England Coastal Storm, Craft Lost (esp. *Nokomis*), esp. MA -- 11
 1073. 1914 -- May 11, *Steamer Jefferson*, Boiler Scalding, Norfolk, VA to NYC -- 11
 1074. 1914 -- Oct 31, Schooner *Lizzie Lee* leaves New Bedford MA for Cape Verde, Lost-- 11
 1075. 1915 -- ~Aug 22, Boston Schooner *Maude Palmer* Sinks, Gulf of Mexico -- 11
 1076. 1916 -- Feb 02, Steamer *Sam Brown* Boiler Explosion, Huntington, WV -- 11
 1077. 1916 -- July 14, *Ramos* Founders, from Philly PA to Cartagena, Columbia -- 11
 1078. 1918 -- Dec 03, Storm, *Manola* Founders, Lake Ontario near Duck Island, Canada -- 11
 1079. 1919 -- July 25, Springfield Boys' Club Boat Capsizes, Big Pond, East Otis, MA -- 11
 1080. 1920 -- Feb 06, Steamer *Polias*, Snowstm., hits Old Cilley Ledge, Penobscot Bay, ME--11
 1081. 1921 -- Jan 31, Schooner *Carroll A. Deering*, Grounds, Diamond Shoals, NC -- 11
 1082. 1921 -- Oct 30, House of David Schooner *Rosa Belle* Founders, Storm, mid-Lake MI-- 11
 1083. 1921 -- Oct 30, Two Hilton Fishing Co. Boats Capsize, off Anglesea, NJ -- 11
 1084. 1927 -- July 08, Boat with Miss. River Flood Evacuees Overturns, Port Barre, LA -- 11
 1085. 1933 -- Jan 24, Storm, Diesel *Umnak Native* strands, Inanudak Bay, Umnak Isl., AK-- 11
 1086. 1941 -- Oct 17, USS *Kearny* Torpedoed by German Submarine, off Iceland¹⁸⁰¹ -- 11
 1087. 1943 -- Nov 24/25, *John P. Gaines* breaks-up, storm, 40M S of Chirikoff Isl, AK --10-11
 1088. 1944 -- Mar 16, Assault Boat Training Drownings, Lakewood, ~Camp Robinson, AR-- 11
 1089. 1946 -- Feb 04, AK Steamship *Yukon* hits rocks off Johnstone Bay, SE of Seward, AK--11
 1090. 1954 -- Aug 31, Fisher *Redstart* breaks-up during Carol, out of New Bedford, MA -- 11

¹⁸⁰¹ Cross-listed in Violence (Attack). This was before Pearl Harbor and U.S. declarations of war.

1091. 1955 -- Jan 13~, New Bedford MA Fisher *Doris Gertrude* Lost, New Eng. coast -- 11
 1092. 1959 -- Nov 27, Capsizing, MV *National Pride*, off Coast of TX, near Galveston -- 11
 1093. 1960 -- July 19, USN destroyers *Ammen & Collett* Collide, Fog ~Newport Beach, CA¹⁸⁰² 11
 1094. 1962 -- Nov 15~, New Bedford, MA scalloper *Midnight Sun* lost, Georges Bank -- 11
 1095. 1978 -- Oct 20, USCGC *Cuyahoga/Santa Cruz II*, Collision near Smith Point, VA -- 11
 1096. 1984 -- July 7, Microburst, Sternwheel *SCItanic* capsizes, TN Riv., Ditto Landing, AL-- 11
 1097. 1989 -- Oct 3, F/V *Northumberland* ruptures NG pipeline/explosion/fire ~Sabine Pass, TX¹⁸⁰³-11
 1098. 2003 -- June 14, *Taki-Too* fishing charter capsizes crossing bar, Tillamook Bay Inlet, OR-- 11
 1099. 2003 -- Oct 15, Ferry *Andrew J Barberi* hits pier, St George Terminal, Staten Isl. NY-- 11
 1100. 2010 -- Apr 20, Drill Rig *Deepwater Horizon* Explosion, Gulf of Mex., ~50m, LA¹⁸⁰⁴-- 11

MARITIME Disasters – **Master Set** – Deadliest American -- **By MORTALITY** (Cont.)

1101. 1816 -- Jun 09, Steamboat *Washington* Explosion, Point Harmar, OH -- ~10
 1102. 1832 -- Oct 5, Schooner *Eliza Whittlesey* capsizes, squall, Lake Erie off Ashtabula, OH-10
 1103. 1837 -- Jun 19, Steamboat *Crusader* Boiler Explosion, Rabbit Island, LA -- ~10
 1104. 1839 -- Nov 18, *Wilmington* Boiler Explos., MS Riv., ~AR Riv. and Napoleon, AR-- 6-10
 1105. 1843 -- Aug, Gloucester MA Fishing Schooner *The Byron* Lost, “South Channel” -- 10
 1106. 1845 -- Feb 08, Steamer *Siren*, Boiler Explosion, below Chattahoochee, FL -- 9-10
 1107. 1845 -- Aug 12, Collis., Steamers *London, Kent* (Sinks), L. Erie, Pt Pelee, Ontario -- 10
 1108. 1848 -- Apr 18 Schooner *Tribune* lost Lake MI., found ~Cathead Point, MI -- 10
 1109. 1849 -- by Mar 24, Cholera, Steamboat *Yorktown*, MS Riv. before reaching Cairo IL -- 10
 1110. 1849 -- Oct 06, Gloucester MA Fishing Sch. *Levi Woodbury* Lost, Severe Storm -- 10
 1111. 1851 -- Apr 10, Fishing Schooner *Harvest Home* of Newcastle, NH Lost -- 10
 1112. 1852 -- Jan 14, Steamer *Martha Washington* Burns, MS Ri., Island #65 ~Jackson Pt.-5--10
 1113. 1852 -- Dec 14, Steamer *Magnet* Boiler Explosion, OH Riv., Grandview Island, WV-- 10
 1114. 1853 -- Feb 16/26, Brig *Vintage* Sails, Salem, MA for West Coast of Africa, Lost -- 10
 1115. 1854 -- Mar 08, Schooner *Robert Walsh* lost off Cape Hatteras, NC -- 10
 1116. 1854 -- Nov 13, Propeller *Bucephalus* Sinks in Lake Huron storm ~Bird’s Creek, MI-- 10
 1117. 1856 -- ~Aug 16, Ship *Manila* “Lost” off Timbalier Island, LA -- 10
 1118. 1864 -- Nov 8, *Mojave* Sinks, mid Lake MI betw. Sheboygan WI, Big Sable Point -- 10
 1119. 1866 -- Sep 29, Steamer *Julia*, Steam Drum Explosion, San Francisco, CA -- 10
 1120. 1867 -- May 04, Steamer *Main* Capsized in Storm on Lake Pontchartrain, LA -- 10
 1121. 1868 -- Jun, Gloucester MA Fishing Schooner *General Butler* lost, Georges Bank -- 10
 1122. 1868 -- Sep 16, *Persian* Hit by *E.B. Allen*, L. Huron 3m off 40-Mile Point, MI -- 10
 1123. 1870 -- Jan 25, Gloucester, MA Fishing Schooner *Weather Gage* lost, Grand Banks-- 10
 1124. 1870 -- Mar, Gloucester MA Fishing Schooner *William F. Pool* lost on Georges Bank-- 10
 1125. 1870 -- Oct, Gloucester, MA Fishing Schooner *Alatamaha* lost, Georges Bank -- 10
 1126. 1871 -- Oct 3, Hurricane, TX Coast, Steamer *C. K. Hall* Lost off Cedar Point TX¹⁸⁰⁵-- >10
 1127. 1875 -- Mar Gloucester, MA Fishing Schooner *William C. Endicott* lost, Georges Bank-10
 1128. 1875 -- July 6, Steamer *Isaac Bell* & tug *Lumberman* Collide, Hampton Roads, VA-- 10

¹⁸⁰² Cross-listed in Fog as Contributing Factor.

¹⁸⁰³ Cross-listed in Explosions in that the pipeline the *Northumberland* hit was not where it should have been, under the sea-floor, and the natural gas explosion and resulting fire on the boat led to the loss of life.

¹⁸⁰⁴ Cross-listed in Explosions.

¹⁸⁰⁵ Cross-listed under Hurricane.

1129. 1876 -- Apr 8, Gloucester, MA Fishing Schooner *Henrietta Greenleaf* Capsizes, ~GB-- 10
 1130. 1876 -- Oct, Gloucester, MA Fishing Sch. *Joseph F. Allen* Lost on Western Bank -- 10
 1131. 1876 -- Dec, Gloucester, MA Fishing Schooner *D. E. Woodbury* lost, trip to GB -- 10
 1132. 1876 -- Dec, Gloucester, MA Fishing Schooner *J.F. Huntress* Lost, La Have Bank -- 10
 1133. 1876 -- Dec, Gloucester, MA Fishing Schooner *John S. Tyler* lost, La Have Bank -- 10
 1134. 1876 -- Dec, Gloucester, MA Fishing Schooner *Wyoming* lost, La Have Bank -- 9-10
 1135. 1879 -- Oct-Dec, Gloucester MA Fishing Sch. *Harvey C. Mackay* Lost, Grand Banks-- 10

MARITIME Disasters – **Master Set** – Deadliest American -- **By MORTALITY** (Cont.)

1136. 1880 -- Aug, Bark *Emma C. Litchfield*, St. Mary's, GA to Buenos Aries lost at sea-- 10
 1137. 1880 -- Aug 9, Steamer *Bonnie Lee* Boiler Explosion, Lenoir Pt., Red River, LA -- 9-10
 1138. 1882 -- Jan 22, Bark *F.L. Carney*, Shipwreck, South Hatteras Inlet, NC -- 8-10
 1139. 1883 -- Jan 29, Steam Collier *Tacoma* grounds off Umpqua, OR -- 10
 1140. 1883 -- May 25, Steamboat *Pilot* Boiler Explosion, Petaluma Riv. near Lakeville, CA-- 10
 1141. 1883 -- Sep, Gloucester MA Schooner *Charles Hildreth* lost, trip to Georges Bank -- 10
 1142. 1884 -- Jan 23, Raft upset/drownings, Upper Cumberland River, near Carthage, TN-- 9-10
 1143. 1884 -- Jun 27, Schooner *Deborah H. Diverty* Founders, storm, off Beck's Beach, NJ-- 10
 1144. 1885 -- Aug, Schooner *Washington*, Appalachicola, FL to NYC, Lost at Sea -- 10
 1145. 1886 -- Aug-Sep, Gloucester, MA Fishing Sch. *John F. Wonson* lost, Brown's Bk. -- 10
 1146. 1887 -- Jul-Oct, Bark *Isabel*, Rockland, ME to Pensacola, FL, Lost at Sea -- 10
 1147. 1890 -- Nov 24, NY Steam-Yacht *F.L. Norton*, leaves New London for France, lost-- 10
 1148. 1893 -- Aug 24, Schooner *Empire State* Sinks, Storm, off Barnegat, NY -- 10
 1149. 1895 -- Apr 22, Storm, Rappahannock Riv., Middlesex Co., Burham's Wharf, VA -- 10
 1150. 1896 -- May 10, *Harry Brown*, Boiler Explosion, MS Riv. ~Ursina Landing, MS -- 10
 1151. 1899 -- Mar 07, Steamer *James Bowen* Founders off Hog Island, VA -- 10
 1152. 1899 -- Apr 04, *Chilkat* Wrecks in "Heavy Sea," Humboldt Bay Bar, CA -- 10
1153. 1902 -- Oct 13, *C. B. Lockwood* Sinks, Storm, Lake Erie, off Fairport Harbor, OH -- 10
 1154. 1902 -- Dec 05, Schooner *Wesley M. Oler* Founders off Hatteras Inlet, NC -- 10
 1155. 1906 -- Jan 10, Bark *Nicholas Thayer* Lost from Seattle WA for Seward, AK -- 10
 1156. 1906 -- Apr 13, Battleship USS *Kearsarge* Turret Powder Fire off Cape Cruz Cuba-- 10
 1157. 1907 -- July 15, USS *Georgia* Gun Turret Powder Explosion off Cape Cod, MA -- 10
 1158. 1907 -- Oct 22, Gloucester, MA fishing sch. *Clara G. Silva* loses five dories, storm-- 10
 1159. 1908 -- Jan 08, Schooner *John F. Miller* Grounds, Nelson Lagoon, AK -- 10
 1160. 1908 -- Jan/Feb, Gloucester Fishing Schooner *Northern Eagle*, lost, Gulf of Mex. -- 9-10
 1161. 1908 -- July 24, Bark *Auburndale* Lost from Turks Island (Carib.) to Philadelphia PA-- 10
 1162. 1909 -- Jan 25, Schooner *William C. Tanner* Lost, Rockport, MA to Key West, FL -- 10
 1163. 1909 -- Dec 23, Schooner *Susie M. Plummer* abandoned, Cape Flattery, WA -- 10
 1164. 1910 -- Jan 22, Schooner *Henry B. Fiske of Boston*, Capsizes off Nantucket MA -- 8-10
 1165. 1911 -- Jan 21~, Gloucester Sch. *Ella M. Goodwin* departs Bay of Islands, NFL, lost-- 10
 1166. 1911 -- Aug 26, Schooner *Margaret A. May* Founders, Kiawah Island, SC -- 10
 1167. 1912 -- Feb 29, Steamer *J.E. Trudeau* Burns, Belle River, LA -- 10
 1168. 1912 -- Mar 15, Gloucester Schooner *Patrician* founders, Jordan Bay, Nova Scotia -- 10
 1169. 1912 -- Dec 15, Schooner *S.O. Co. No. 87* Founders, Gulf of Mexico -- 10
 1170. 1913 -- Jun 28, Raft Ferry Sinks, Drownings, Kiskiminetas River, near Leechburg, PA--10

1171. 1913 -- Dec 26, Barges *A.G. Ropes & Undaunted* Founder, off Barnegat, NJ -- 10
 1172. 1915 -- Apr 03, *Cumberland*, 2 Barges Wreck, Storm, Cape Henlopen, DE -- 10
 1173. 1915 -- Apr 5, Gale, Sch. *John B. Manning* found bottom-up 20m N, Hatteras NC -- 10
 1174. 1920 -- Feb 19, Schooner *Henry W. Cramp* Lost, Norfolk VA to Dominican Rep. -- 10
 1175. 1921 -- Nov 21, Tug *Sea Eagle* hit by large wave in storm, Capsizes, ~Yaquina, OR-- 9-10
 1176. 1923 -- Apr 6, Steamer *John Dwight* sinks, suspected rum runner, Vineyard Sound, MA-- 8-10
 1177. 1924 -- July 05, Ship *Three Rivers* Fire, Chesapeake Bay, Cove Point, MD -- 10
 1178. 1930 -- Sep 01, Seattle Sch. *Orient* Collides with *Admiral Nelson*, ~Vancouver Isl., BC-10

MARITIME Disasters – Master Set – Deadliest American – By MORTALITY (Cont.)

1179. 1942 -- Jan 8, Army's *General Richard Arnold* Sinks off Isles of Shoals, NH -- 10
 1180. 1943 -- Apr 19, Cabin Cruiser *Legionnaire* Sinks, South Bay, off Long Island, NY -- 10
 1181. 1945 -- Jan 2, Sun Oil Tanker *Sunoco*, Fire/Explosion, off Sandy Hook, NJ -- 10
 1182. 1957 -- Jan 29, Tanker SS *Jeanny*, Vapor Explosion, Shipyard, Alameda, CA¹⁸⁰⁶ -- 10
 1183. 1957 - Mar 6, Navy Tanker *Mission San Francisco & Elna II* collis./expl., Del Ri., DE¹⁸⁰⁷-10
 1184. 1960 -- Oct 22, *Alcoa Corsair* Collision, Mouth of Mississippi River, LA -- 10
 1185. 1965 -- May 7, Ships Collide, Fog, *Cedarville* Sinks, Mackinac Straits, MI¹⁸⁰⁸ -- 10
 1186. 1972 -- Nov 7, Freighter Hits Sidney Lanier Bridge, Span Collapse, Brunswick GA¹⁸⁰⁹--10
 1187. 1978 -- Dec 9/10, *Holo-Holo* Departs Honolulu, Lost off HI -- 10
 1188. 1987 -- Feb 5, Fishing vessel *Fish-n-Fool* (LA, CA) capsizes ~Isla De San Martin, MX-10
 1189. 2017 -- Aug 21, *USS John S. McCain* collision/merchant ship *Alnic MC* ~Singapore-- 10

Other:

- 1893 -- Aug 03, Steamer *Rachel* Sinks, Lake George, ~Fourteen Mile Island Hotel, NY -- 9
 1957 -- Jun 27, Hurricane Audrey, fishing schooner *Keturah* down off Galveston coast -- 9
 2001 -- Sep 15, Barge hits Queen Isabella Causeway, span collapses, Port Isabel, TX -- 8
 1908 -- Sep 1, Drownings, Sloop Capsizes in Squall, Penobscot Bay off Deer Isle, ME -- 7
 1891 -- Oct 22, Gale, Fishing Schooner *Red Wing* breaks in surf, ~Indian Riv. Inlet, DE -- 6
 1991 -- Oct 28-Nov 1, Perfect Storm Nor'easter, East Coast, *Andrea Gail* Lost -- 6

¹⁸⁰⁶ Cross-listed under Explosions

¹⁸⁰⁷ Cross-listed in Hazardous Materials Transportation.

¹⁸⁰⁸ Cross-listed in Fog as contributing condition.

¹⁸⁰⁹ Cross-listed in Road/Highway and in Structural Collapse/Bridge.

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL

1. 1635 -- Aug 14/15, Pinnacle *Watch and Wait* Wrecks, Storm, Thacher Island, MA -- 21
2. 1700 -- Sep 14, Hurricane, *Rising Sun* wrecked, Ashley River bar, Charleston, SC¹⁸¹⁰ -- ~100
3. 1705 -- Dec 19-21, Privateer *Castle Del Rey*, Grounds/Breaks-up, Sandy Hook, NJ -- 132
4. 1716 -- Five Gloucester MA Fishing Vessels Lost, Voyage to Cape Sable -- ~ 20
5. 1766 -- Mar, Storm, 7 Gloucester MA Fishing Boats Sink, Grand Banks -- ~40
6. 1771 -- Early, *Beaver 2nd* lost on Lake Erie near Sandusky, OH -- 17
7. 1777 -- Privateer *The Gloucester* Lost, out of Gloucester, MA -- ~60
8. 1778 -- Privateer General Arnold (81) and sloop General Stark (20) ground in gale, MA--101
9. 1780 -- American Sailing Ship *Watt* Wrecks on Long Island, NY -- 26
10. 1781 -- Mar 18, Gale, Continental Sloop *Saratoga* Lost off the Bahamas¹⁸¹¹ -- ~ 86
11. 1785 -- Sep 02, Immigrant Ship *Faithful Steward* Grounds, Coast of DE¹⁸¹² -- >200
12. 1786 -- Dec 5, Gale, sloop grounds, Lovell's Isl., Brig at Pt. Shirley, Boston Harbor, MA--18
13. 1792 -- Jul 1, Storm or Tornado, Philadelphia and NYC, Boaters Drown -- ~40
14. 1798 -- Nov 17-21, New England Blizzard and Maritime Storm¹⁸¹³ -- >25
15. 1799 -- Sixty Alaskan Native Bidarka's lost in storm, Hinchinbrook entrance, AK -- 200
16. 1799 -- Jun-Jul, Frigate USS *General Greene*, Yellow Fever, Cuba to Portsmouth NH¹⁸¹⁴ -- >20
17. 1799 -- Nov-Feb 1880, Ship USS *Delaware*, Yellow Fever, Curacao, Caribbean¹⁸¹⁵ -- 20
18. 1800 -- Feb 01, U.S. Frigate *Constellation* engagement with French *La Vengeance*¹⁸¹⁶ -- 160
19. 1800 -- ~Sep, Revenue Cutter Brig USS *Pickering* Lost, Gale/Hurricane off FL¹⁸¹⁷ --70-105
20. 1800 -- Sep 20 (after), USS *Insurgent* disappears after leaving Hampton Roads, VA -- 340
21. 1802 -- Feb 22/23, winter storm, ships ground, esp. *Brutus*, exposure, Cape Cod, MA¹⁸¹⁸ -- 14
22. 1803 -- March, Massacre, Crew of American ship *Boston*, Nootka, Vancouver Isl.¹⁸¹⁹ -- 25
23. 1804 -- Sep 7-9, GA and SC Hurricane (>500 deaths land and sea)¹⁸²⁰ -- >30

¹⁸¹⁰ Cross-listed in Hurricanes.

¹⁸¹¹ An estimate based upon U.S. Navy note on the size of the ship's "complement." U.S. Navy. *Dictionary of American Naval Fighting Ships*, "Saratoga."

¹⁸¹² Cross-listed in Hurricane, though there is some question that the hurricane was the primary factor.

¹⁸¹³ There was a much larger loss of life, but we do not know the approximate number. David Ludlum writes in *Early American Winters 1604-1820* (p. 75) that "hundreds" died in this storm and that the bodies of at least 25 sailors were pulled from wrecked ships on Cape Cod alone. He also notes that at least seven ships were lost near Cape Cod with all aboard.

¹⁸¹⁴ There were at least 1,335 yellow fever deaths in 1799 – principally Charleston, SC, NYC, and Philadelphia.

¹⁸¹⁵ There were at least 1,355 yellow fever deaths in 1799 – principally Charleston, SC, NYC, and Philadelphia.

¹⁸¹⁶ Cross-listed in Violence-Attack.

¹⁸¹⁷ Cross-listed in Hurricanes.

¹⁸¹⁸ Cross-listed under Winter Storms.

¹⁸¹⁹ Cross-listed in Violence – Massacres of Whites by Natives.

¹⁸²⁰ We do not know, and do not think it is known, how many lives were lost from various forms of watercraft on or near coastal waters and rivers of GA and SC. Our 30 figure comes from attempt to estimate lives lost from five craft:

24. 1804 -- Oct 9, “Winter” Storm (“Hurricane”), New England, especially coast of MA¹⁸²¹ -- ≥31
 25. 1806 -- Aug 21-24, Hurricane, Carolinas coastal/maritime, *Rose in Bloom* upset, NJ¹⁸²² -- 37
 26. 1807 -- July, South Ferry scow Sinks, Hudson River, Albany, NY -- 33
 27. 1807 -- July 11, Schooner *Charles*, Wrecks on Reef, fog, west of Portland Light, ME¹⁸²³ -- 16

MARITIME Disasters – Master Set -- Deadliest American – CHRONOLOGICAL (Cont.)

28. 1810 -- Sep 11, USN *Gun Boat # 159* Sinks in Gale in Chesapeake Bay -- 13
 29. 1811 or 12 -- Oct 05, USS *Gun Boat # 2*, Sinks in Gale off St Mary’s GA -- 40
 30. 1811 -- Dec 16-Feb 7, 1812, New Madrid Earthquakes, Mississippi River boats -- ~200
 31. 1811 -- Dec 23-24, Winter storm/blizzard, maritime losses, northern Long Island, NY -- ~20
 32. 1813 -- Aug 08, Schooners USS *Hamilton & Scourge* Capsize, Squall, Lake Ontario -- >80
 33. 1813 -- Sep 17, Navy Gun Vessel. *No. 164* Sinks, Hurricane, Charleston, SC¹⁸²⁴ -- 20
 34. 1814 -- Jun 30, Schooner USS *Alligator* Sinks, Tornado, Port Royal Sound, SC¹⁸²⁵ -- 23
 35. 1815 -- Jan 23, Portland ME Privateer *Dash* lost, presumably on George’s Bank -- 63
 36. 1815 -- Aug 8, Last sighting of Sloop-of-War USS *Epervier*, Lost, Atlantic Ocean -- 134
 37. 1816 -- Jun 09, Steamboat *Washington* Explosion, Point Harmar, OH -- ~10
 38. 1817 -- May 4, Steamer *Constitution* Boiler Explosion, MS River, Point Coupee, LA --10-30
 39. 1819 --Jul 27, Hurricane, U.S. *Firebrand* grounds, ‘The Square Handkerchief,’ MS¹⁸²⁶ -39-41
40. 1820 -- Jan 11, Last sighting of Schooner USS *Lynx*, St. Mary’s, GA to Jamaica -- 50
 41. 1820 -- Mar 6, USN Chartered Schooner *Quaker* Sinks in Gale, Chesapeake Bay --41-46
 42. 1820 -- Mar 20, Steamboat *Buffalo* Explosion, Owensboro, KY -- 17
43. 1821 -- Sep 17, Schooner *Washington* strands, hurricane, Bay St. Louis, MS¹⁸²⁷ -- ~20
 44. 1821 -- Oct 25, *Sea Fox* Capsizes, storm, same day as sailing from NYC, NY -- 12
45. 1822 -- May 8-July 24,¹⁸²⁸ Yellow Fever, U.S. Frigate *Macedonian*, Caribbean -- 101
 46. 1822 -- July-Aug, Yellow Fever, U.S. Brig *Enterprise*; Caribbean to NYC & at NYC -- 19
 47. 1822 -- Oct 27, Ship *Savannah* Grounds and Breaks-up near Fire Island, L.I., NY -- 11
48. 1823 -- Feb 08, Steamboat *Tennessee* Snags, Mississippi River, near Natchez, MS -- 60
49. 1824 -- May 15 Steamer *Aetna* Boiler Explosion, New York Harbor, NY --10-13

brig *Consolation*, and schooners *Favourite*, *Liberty* (all hands lost) *Patsy*, and *Traveller* (all hands lost) Mishaps (during what has been referred to as an “extreme” coastal hurricane) of numerous other vessels are mentioned in the press at the time and reporting since, but generally without reference to lives lost per craft, or in total.

¹⁸²¹ Cross-listed in Winter Storms in that this was a coastal severe snow storm and a significant drop of temperature. One additional live was lost on shore when part of one building was blown down through the roof of another.

¹⁸²² Cross-listed in Hurricanes. Majority of deaths were maritime (21 from *Rose In Bloom* alone). Sources note 42 total deaths of which we have seen notes concerning only five on land in the Wilmington, NC vicinity. Thus we surmise, for purposes of positioning in a tally, that something like (or approximately) 37 were maritime.

¹⁸²³ Cross-listed in Fog as a Contributing Condition

¹⁸²⁴ Cross-listed in Hurricanes

¹⁸²⁵ Cross-listed in Tornadoes.

¹⁸²⁶ Cross-listed under Hurricane.

¹⁸²⁷ Cross-listed in Hurricanes (subset of 35 total fatalities).

¹⁸²⁸ The dates are from the time of the first reported case until sailing back to the Baltimore Navy Yard on July 24.

50. 1824 -- Oct 28, Schooner USS *Wildcat* Founders, Gale, Cuba to Thompson's Isl. W.I. -- ~31
51. 1825 -- May 05, Steamer *Teche*, Explos. MS R., St. Catherines Creek, ~Natchez MS --15-60

MARITIME Disasters – Master Set -- Deadliest American – CHRONOLOGICAL (Cont.)

52. 1828 -- May 14, *Car of Commerce* Boiler Explos., MS. River, Canadian Reach, AR -- 30
53. 1829-30, Brig *Kamehameha* lost, Honolulu HI, Dec 2, for Eromango island --250~300
54. 1829 -- Jun 04, Steam Frigate *Fulton*, Magazine Explos., Navy Yard, Brooklyn NY¹⁸²⁹ --24-40
55. 1829 -- Sep 16, *William Peacock* Steam Pipe Explodes, Lake Erie, near Buffalo, NY -- 15
56. 1829 -- Sep 29, Brig USS *Hornet* Disappears, Gale off Tampico, Caribbean -- 145
57. 1830 -- Feb 24, Steamboat *Helen McGregor* Boiler Explosion, Memphis, TN --33-60
58. 1830 -- Apr 01, *Tri-Color* Explosion, Ohio River, Wheeling, WV -- 15
59. 1830 -- Apr 22, Steamer *Chief Justice Marshall* Boiler Explosion, Hudson River, NY -- 15
60. 1830 -- Apr 22, *New Caledonia* Boiler Explodes, Mississippi River, near Cairo, IL -- 11
61. 1831 -- May 14, Steamboat *Coosa* sinks, collision with *Huntress*, ~Caruthersville, MO-- 13
62. 1831 -- Jun 09, *General Jackson* Explosion, Hudson River, Grassy Point, NY -- 12
63. 1831 -- Jul-Aug, Schooner USS *Sylph* Lost after leaving Pensacola, FL -- 13
64. 1832 -- Apr 9, Steamer *Brandywine* Burns, Miss. River, Brandywine Island, AR --60-155
65. 1832 -- Jun 02, Steamer *Hornet* Capsizes, Storm, Ohio River, Maysville, KY -- 20
66. 1832 -- Oct 05, Schooner *Eliza Whittlesey* capsizes, squall, Lake Erie off Ashtabula, OH-- 10
67. 1833 -- Late Oct/early Nov, Steamship *Caspian* Burns, near Mouth of Red River, MS -- 40
68. 1833 -- May 19, St. *Lioness* Fire/Gunpowder Explos., Red River, Montgomery, LA --14-16
69. 1833 -- June 7, Steamer *Peruvian* Boiler Explosion, MS River, ~New Orleans LA¹⁸³⁰ --50-60
70. 1833 -- Oct 16, Boiler Explosion, Steamer *New England*, CT River, Essex, CT --13-20
71. 1833 -- Oct 31, Steamer *St. Martin* Burns, Mississippi River, Donaldsonville, LA --30-40
72. 1833 -- Nov, Steamship *Caspian* Burns, near Mouth of Red River, LA --25-40
73. 1833 -- Nov 08, Steamer *Illinois* Boiler Explosion, Miss. River, near Cairo, IL -- 13
74. 1834 -- Apr 12, Steamer *St. Louis* Boiler Explosion, Des Moines Rapids, IA -- 14
75. 1834 -- Aug, early, Steamboat *Kentucky*, Cholera -- 18
76. 1834 -- Oct 24, *Missouri Belle* Sinks, Collision (*Boonslick*), ~Kenner & N.O., LA -- 30
77. 1835 -- May 15, Steamboat *Majestic* boiler collapse/explosion, Memphis TN --38-40
78. 1835 -- Oct 1, Steamer *Carrollton* Explosion, Baton Rouge, LA -- 8-15
79. 1835 -- Dec 2, *Lady Franklin* Sinks, hit by *Portsmouth*, OH Ri., 2m ~Owensboro KY --15-18

¹⁸²⁹ Cross-listed in Explosions.

¹⁸³⁰ One report states that there was a boiler explosion above New Orleans, another that it happened in Natchez MS, one which does not indicate location other than MS River between New Orleans and Louisville, and one which states that the explosion did not occur.

80. 1836 -- Mar 12-13, Steamboat *Ben Franklin* Boiler Explosion, Mobile, AL --11-30
 81. 1836 -- Jun 09, Steamboat *Rob Roy* Boiler Explos., Miss. River, near Columbia, AR --17-20
 82. 1836 -- Aug 09, Steamer *Motto* Boiler Explos., Blennerhasset's Island, OH Riv., WV -- 12
 83. 1836 -- ~Oct, Steamer *Nicholas Biddle* Boiler Explosion, below Memphis, TN --13-15
 84. 1836 -- Nov 21/22, storm, U.S. ship *Bristol* Wrecks, Far Rockaway Beach, Long Isl., NY-64-89
 85. 1836 -- Dec 19, Schooner *Dolphin* Boiler Explosion, off St. Johns Bar, FL -- 15

MARITIME Disasters – **Master Set** -- Deadliest American – **CHRONOLOGICAL** (Cont.)

86. 1837 -- Jan 02, Barque *Mexico* Grounds, Hempstead Beach, S. Shore Long Island, NY-- 116
 87. 1837 -- Mar 17, Steamboat *Tiskilwa* hit by the *Wisconsin*, near mouth Ill. River, IL --10-20
 88. 1837 -- May 08, Steamer *Ben Sherrod* Explosion/Fire, MS River, Fort Adams, MS --72-230
 89. 1837 -- Jun 19, Steamboat *Crusader* Boiler Explosion, Rabbit Island, LA -- ~10
 90. 1837 -- July 28, Sidewheel *Chariton* Boiler Explosion, St. Louis, MO -- 12
 91. 1837 -- Apr, Georges Bank Gale, 3 Fishing Boats Lost out of Gloucester MA -- 24
 92. 1837 -- Aug 15, Steamer *Dubuque* Boiler Explosion, Miss. Ri. Muscatine Bar, IA --16-27
 93. 1837 -- Oct 09, Storm, Steamship *Home* Shipwrecks at Ocracoke Island, NC¹⁸³¹ --90-100
 94. 1837 -- Oct 31, *Monmouth & Tremont* Collide, MS Riv, Prophet Island Bend, LA --234-400
 95. 1837 -- Dec 27, *Black Hawk* Boiler Explos./Fire, MS River, Black Hawk Pt., LA --30-50
96. 1838 -- Barque *Edward Quesnel* Wrecks on Nepeague Beach, Long Island, NY --10-12
 97. 1838 -- Apr 21, Steamer *Oronoko* Flue Collapse/Explos., MS River, Princeton MS --100-130
 98. 1838 -- Apr 25, Steamboat *Moselle* Boiler Explosion/Fire, near Cincinnati, OH --81-200
 99. 1838 -- June 14, Steamer *Pulaski* Boiler Explodes/Sinks off Cape Lookout, NC --100-141
 100. 1838 -- Jun 16,¹⁸³² *George Washington* (2d) Burns, Lake Erie, ~Silver Creek, NY --20-60
 101. 1838 -- Sep 7, Sloops *Alabama, Dread, Caution* wreck, storm, near Cape Flor., FL¹⁸³³->20
 102. 1838 -- Nov 19, Drownings, Lock and Dam No. 3, Green River, Rochester, KY -- 15
 103. 1838 -- Nov 25, *General Brown* Boiler Explosion, Mississippi River, Helena, AR --30-60
 104. 1838 -- Dec 03, *Augusta* Boiler Explos., Miss. Riv. between Natchez/Vicksburg, MS-- 20
105. 1839 -- May 6, *George Collier* Steam Escape, Miss. River at Red River mouth, LA --26-30
 106. 1839 -- May 08, Last seen, Schooner USS *Sea Gull*, Tierra del Fuego to Valparaiso -- 15
 107. 1839 -- Late Summer or Fall, Steamboat *Corsair*, Yellow Fever, Mississippi River -- 15
 108. 1839 -- Nov 18, *The Wilmington* Boiler Explosion, Miss. River, near Arkansas River-- 10
 109. 1839 -- Dec 15, Winter Gale, Maritime losses, MA coast/harbors, esp. Gloucester¹⁸³⁴-64-90
 110. 1839 -- Dec 22-23, Gale, Maritime losses (*Henry, Lloyd, Pocahontas*), NJ, esp. MA --24-25
111. 1840 -- Jan 13, Steamer *Lexington* Fire/Sinks, Long Island Sound, NY --118-156
 112. 1840 --Mar 25, Brig *Escambia* founders betw. Frying Pan Shoals/Cape Lookout, NC-12-15
 113. 1840 -- Apr 25, *Bedford* Snags near mouth MO Riv. ~Mobile Isl./Cora Isl. Chute, MO-- 15
 114. 1840 -- May 07, Tornado, Steamboat *Hinds* sunk, Natchez, MS¹⁸³⁵ -- 51

¹⁸³¹ Cross-listed in Hurricanes.

¹⁸³² There are conflicting reports as to the exact date as well ambiguity in others, but it would appear that June 16th is the correct date.

¹⁸³³ Subset of Sep 7, 1838 Hurricane near Cape Florida, FL taking 38 lives in total.

¹⁸³⁴ Cross-listed in Winter Storms.

115. 1840 -- May 10, Schooner *Keola* sinks after ballast shifts, off Kahoolawe, Hawaii --26-36
 116. 1840 -- Nov 1, 7, 9 or 10, Flue Collapse, Steamer *Persian*, MS Ri., ~Napoleon AR --23-24
 117. 1840 -- Dec 12, Steamboat *Cherokee* Explosion,, Arkansas. River, Lewisburg, AR -- 17

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

118. 1841 -- Steamer *Carolina* snags, Mississippi River, Osceola, AR -- 34
 119. 1841 -- Feb 13, Steamer *Lamplighter* Disabled/Sinks, Storm, East Pass, FL --19-35
 120. 1841 -- Feb 22, Fire, Steamer *Creole*, Miss. River, Torras, ~Red River Mouth, LA --12-36
 121. 1841 -- Mar 11, Steamer *President* sails from New York, not heard from again -- 136
 122. 1841 -- Aug 09, *City of Erie* Explos./Fire, Silver Creek, Lake Erie, 60m ~Buffalo--173-250
 123. 1841 -- Aug 12, Boiler Explos., Steamboat *Louisiana*, Miss. River, Bayou Sara, LA --18-20
 124. 1841 -- Aug 29, Steamboat *Keokuk* Snags, Miss. River, St. Genevieve Island, MO --11-13
 125. 1841 -- Sep-Oct. Yellow Fever, crew of the USS *Levant*, at Pensacola, FL -- 11
 126. 1841 -- Nov, Pilot Boat & boat from *William Gaston* Capsize, Indian River Bar, FL -- 14
127. 1842 -- Feb 19, Steam Towboat *Mohican* Boiler Explos., MS Ri., New Orleans, LA--10-14
 128. 1842 -- Feb 25, Steamboat *North Star* Boiler Explosion & Fire, Tuscaloosa, AL --15-16
 129. 1842 -- Apr 04, Launch from U.S Steam Frigate *Missouri* sinks, Potomac River -- 16
 130. 1842 -- Apr 14, Steamer *Medora* Boiler Explosion, Baltimore Harbor, MD -- 28
 131. 1842 -- May 06, Sail boat *Polka* tips/Sinks, off Thompson’s Island, Mass Bay, MA -- 25
 132. 1842 -- Jul 03, Steamboat *Edna* Boiler Explosion, near Mouth of MO River, MO -- 55
 133. 1842 -- Oct 8, *S.B. Eliza* Snags/Sinks, MS Ri. ~5m above mouth OH Ri, IL Shore --30-40
 134. 1842 -- Nov 30, Coastal Storm, *Isadore* lost, Cape Neddock ME, also MA and NH --28-30
135. 1843 -- Mar ~15, USS *Grampus* Lost, presumably gale off Charleston, SC -- 25
 136. 1843 -- Mar 17, Steamboat *Cutter* Flue Collapse, Pittsburgh, PA -- 15
 137. 1843 -- Aug, Gloucester MA Fishing Schooner *The Byron* Lost, “South Channel” -- 10
 138. 1843 -- Sep 19, Steamboat *Clipper No. 1* Boiler Explosion, near Bayou Sara, LA --20-33
 139. 1843 -- Sep 25, Gale, Steamer *Sarah Barnes* Sinks in Gulf, west of Sabine Pass, TX--17-18
140. 1844 -- Jan 03, Steamboat *Shepherdess* Snags/Sinks, 3M No of St. Louis, MO --57-100
 141. 1844 -- Mar 01, Steamers *Buckeye & De Soto* Collide, MS River, ~Atchafalaya, LA--50-80
 142. 1844 -- Jun 19, Sidewheel Steamer *Palestine* Fire and Drownings, MS Ri., ~Cairo, IL -- 12
 143. 1844 -- Aug 12, Steamer *Louisiana* Boiler Explosion, 15 miles north Bayou Sara, LA-- 17
 144. 1844 -- Oct 23, *Lucy Walker* Boiler Explosion/Fire, Ohio Ri., near New Albany IN- 18-100
 145. 1844 -- Dec 14, Collision, *Belle of Clarksville/Louisiana*, MS River, ~Memphis, TN-31-36
146. 1845 -- Feb 08, , Steamer *Siren* Boiler Explosion, below Chattahoochee, FL -- 9-10
 147. 1845 -- Apr 07, Steamer *Swallow* Grounds, Hudson River, near Athens, NY --15-40
 148. 1845 -- July 01, Steamboat *Marquette* Boiler Explosion, New Orleans, LA --13-50
 149. 1845 -- Aug 12, Steamers *London & Kent* (Sinks), Collision, L. Erie, Pt Pelee, Ont. -- 10
 150. 1845 -- Oct 27, Steamer *Plymouth* collision with *Lady Madison*, ~Shawneetown, IL --20-30
 151. 1845 -- Dec 11, Steamer *Caspian* Snags/Sinks, Miss. River, Island No. 25, AR -- 40
 152. 1845 -- Dec 18/19, Steamer *Belle Zane* Snags/Capsizes, Miss. River, Island No. 75 --30-76

¹⁸³⁵ Cross-listed in Tornado. 586 people estimated to have been killed due to this tornado.

MARITIME Disasters – **Master Set** -- Deadliest American -- **CHRONOLOGICAL** (Cont.)

153. 1846 -- Feb 13/14, Steamers *Congress* & *Saladin* Collide, MS Riv. KY Bend, KY --15-30
 154. 1846 -- Feb 14/15, Winter Snow Storm, *John Minturn* & other boats wreck, NJ --50-60
 155. 1846 -- May 24, Steamer *Queen City* Boiler Flue Collapse/Explos., Natchez, MS >10-26
 156. 1846 -- Jun 27, Brig *Sutley*, Pictou N.S. to Fall River Wrecks, Vineyard Sound, MA-- 30
 157. 1846 -- Sep 05, Steamer *New York* founders in Storm, about 60 miles off Cameron, LA--20
 158. 1846 -- Sep 19, Fishing Schooners (11) Lost, Gale, out of Marblehead, MA -- 65
 159. 1846 -- Oct 12, Steamer *Colonel Harney* Strands, Brazos, TX -- 15
 160. 1846 -- Nov, Gloucester MA Schooners *General Scott*, *Canton* lost, Georges Bank -- 15
 161. 1846 -- Nov 19, *Indian Queen* Wrecked, Lake Erie Storm, near Dunkirk NY -- 20
 162. 1846 -- Nov 19, Schooner *Lexington* Sinks, Lake Erie Storm, near Point Mouillee, MI-- 13
 163. 1846 -- Nov 21, Steamers Collide, *Maria* Sinks, Miss. River, near Natchez, MS --30-50
 164. 1846 -- Nov 27, *Atlantic* steam explos., Grounds, Reef, gale ~Fisher's Island, NY -- 42
 165. 1846 -- Dec 08, U.S. Naval Brig *Somers* Capsizes, Storm, off Vera Cruz, Mexico --30-32
166. 1847 -- Jan 29, *Tuscaloosa* Boiler Explosion, 10 miles from Mobile, AL -- 11
 167. 1847 -- May 6, Steamboat *New Hampshire* boiler explos., Ark Riv., Pine Bluff, AR--12-18
 168. 1847 -- June 4 or 5, Steamer *Edna* Boiler Explosion, Ouachita Riv. Columbia, LA --20-25
 169. 1847 -- June 09, Collision, *Chesapeake* and *Porter*, Lake Erie, Conneaut, OH --10-15
 170. 1847 -- Jun 11, Schooner *Merchant* Lost, Sault Ste. Marie, Lake Superior, MI -- 18
 171. 1847 -- June 29, Steamboat *Star Spangled Banner* Snags, Baton Rouge, LA -- 20
 172. 1847 -- Nov 19, *Talisman* collides *Tempest*, sinks, MS Ri., Cape Girardeau, MO --40-100
 173. 1847 -- Nov 21, Fire, Steamboat *Phoenix*, Sinks, Lake MI, off Sheboygan, WI --160-258
 174. 1847 -- Dec 20, Steamer *Westwood* hits bank, explodes, near New Orleans, LA --12-15
 175. 1847 -- Dec 29 Steamer *A. N. Johnston* Boiler Explos., Ohio Riv., ~Maysville, KY--60-80
176. 1848 -- Jan 8, *Blue Ridge* Boiler Explosion, OH Ri., Raccoon Is., ~Gallipolis, OH --11-30
 177. 1848 -- Jan 18, Steamboat *Yalobusha* Burns, Donaldsonville, LA -- 35
 178. 1848 -- Apr 18 Schooner *Tribune* lost Lake Mich., found near Cathed Point, MI -- 10
 179. 1848 -- May 27, Steamer *H. Kenney* Boiler Explosion, Tombigbee River, AL -- 8-50
 180. 1848 -- May 27, Str. *Clarksville* Burns, MS R., ~Isl. 75/Ozark Isl. ~Napoleon AR --20-41
 181. 1848 -- Aug 12 , Steamer *Edward Bates*, Boiler Explosion, MS Riv., Hamburg, IL --40-53
 182. 1848 -- Sep 15-21, Prop. *Goliah* Fire/Explos., Lake Huron, ~Point au Barques, MI -- 18
 183. 1848 -- Sep 17, *Concordia*, Boiler Explosion, Mississippi River, Plaquemine, LA -- 8-28
 184. 1848 -- Oct 06, Steamer *Piney Woods* Burns, near Springfield, LA --15-16
 185. 1848 -- Nov 21, Steamer *Wyandotte* Snags/Sinks, MS River, above Vicksburg MS -- 30
 186. 1848 -- Dec 22, Cholera, Steamboat *Peytona* arrives at Louisville from New Orleans¹⁸³⁶ 50
 187. 1848 -- Late Dec, Steamer *Potomac* [unclear], Cholera, NOLA to Louisville, KY¹⁸³⁷-- 14

¹⁸³⁶ McClellan in his *History of the Travels of Asiatic Cholera...In North America* (1875, p. 611), writes that in addition to these fifty deaths a number of passengers subsequently succumbed to cholera at the Marine Hosp. there.

¹⁸³⁷ "A dispatch just received from Louisville, dated 28th, says the steamer Poto... [unclear] arrived from New Orleans this morning and reports that the cholera is very bad there. Fourteen of the steamer's deck passengers died with it coming up." (*Sandusky Clarion*, OH. "Telegraphic Dispatches." 1-7-1849, 3.)

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

188. 1849 -- Jan 14, Steamer *Richland* Boiler Explos., Pee Dee Riv. Britton's Ferry, SC -- 15
189. 1849 -- Mar 03, Steamer *Woodman*, Mississippi River, Bayou Sara, LA -- 3-16
190. 1849 -- by Mar 24, Cholera, Steamboat *Yorktown*, MS Riv. before reaching Cairo IL -- 10
191. 1849 -- Mar 31, Steamer *Virginia* Boiler Explosion, Ohio River, Rush Run, OH --10-15
192. 1849 -- Apr 17, *Outward Bound* Founders, Lake Mich. Storm, Manitou Passage, MI-- 11
193. 1849 – sometime after Apr 21, Cholera on Steamboat *Mary*, MS Riv. before St. Joseph- 50
194. 1849 -- Early May--May 10, Cholera, Steamer *Monroe*, St. Louis to Jefferson City¹⁸³⁸--63-70
195. 1849 -- May 18, *Empire* & Schooner *Noah Brawn* Collision, Newburgh Bay, NY -- 24
196. 1849 -- early June, Cholera, steamboat *Uncle Toby*, MS River, ~Quincy to Rock Isl.-- 27
197. 1849 -- Jun 09, Flue collapse, Steamboat *Embassy*, Ohio River, Three Mile Bar, KY- 10-14
198. 1849 -- Oct 06, *Levi Woodbury* Gloucester MA Fishing Schooner Lost, Severe Storm-- 10
199. 1849 -- Nov 9, Bath, ME ship *Hanover*, grounds, gale, mouth Kennebec River, ME --24-26
200. 1849 -- Nov (early to 15th arrival at St. Louis), Steamboat *Constitution*, Cholera¹⁸³⁹ --12-17
201. 1849 -- Nov 15, Steamboat *Louisiana* Boiler Explosion, New Orleans, LA --86-150
202. 1850 -- Jan, Steamboat *Dove*, Cholera, Ouachita River, AR and LA --30-40
203. 1850 -- Jan 23, *St. Joseph* Boiler Explos., MS Ri., Islands No 80/81, ~Napoleon AR-- 8-20
204. 1850 -- Mar 4, Steamer *Orlin* *St. John* Burns, AL Riv. ~Bridgeport Landing, AL --30-70
205. 1850 -- Mar 23, *Troy* Explodes, Lake Erie, mouth Niagara River, near Buffalo NY --15-29
206. 1850 -- April, Gloucester MA Fishing Schooners *Walter Scott* and *Specie* Lost -- 15
207. 1850 -- April, Steamer *St. Louis*, from New Orleans to St. Louis, arriving May 1 --12-13
208. 1850 -- Apr 22, *Belle of the West*, Fire/Boiler Explos.?, OH River, ~Warsaw, KY¹⁸⁴⁰-34-36
209. 1850 -- Apr 28, Steamer *General Anthony Wayne* Explosion, Lake Erie, OH --30-70
210. 1850 -- May 07, Flue Collapse, Steamboat *Columbus*, Mississippi River, Island 4 -- 15
211. 1850 -- May 23, Flue Collapse, Steamboat *St. Louis*, Jefferson Barracks, MO --10-12
212. 1850 -- June 17, Steamer *G.P. Griffith* fire, Lake Erie, 20m off Cleveland, OH --250-325
213. 1850 -- July 31, Boiler Explosion, Steamer *America*, Lake Erie, near Buffalo, NY -- 9-15
214. 1850 -- Sep 12-17, Cholera, Steamer *Falcon*, Chagres, Panama to Havana, Cuba¹⁸⁴¹ --17-18
1850 -- Sep 20, Barque *Emily* from SF, Cal., lost off Cape St. Lucas, Baja, Mex.¹⁸⁴² -- ~198
215. 1850 -- Oct 5, Steamer *Kate Fleming* Boiler Explos., OH R. Mouth¹⁸⁴³ ~Walker's Bar--9-11
216. 1850 -- Oct 06, *Saint John* Emigrant (Irish) Ship Wrecks, Storm, Scituate, MA -- 99
217. 1850 -- Oct 28-Nov 8, Cholera, Barque *Splendid*, Sacramento to San Francisco¹⁸⁴⁴ -- 17
218. 1850 -- Oct 29, Steamboat *Sagamore* Boiler Explosion, San Francisco, CA --20-50
219. 1850 -- Nov 07, Steamboat *Telegraph* Boiler Explosion, off New Castle, DE -- 15

¹⁸³⁸ Counted as well in 1849 Cholera listing. We have not yet been able to break out the number of people dying on the *Monroe*, as opposed to those who died from the *Monroe* after landing, and the citizens who were infected with cholera and subsequently died in Jefferson City and in Cole County. Thus, it is conceivable the number dying on the *Monroe* was less than sixty-three. Talked with member of Jefferson City, MO, Historical Society 4-27-2015, who indicated he would seek to research to clarify the fatalities.

¹⁸³⁹ St. Louis paper notes 17 deaths; a later New Orleans paper writes that of that number only 12 were truly cholera.

¹⁸⁴⁰ There were newspaper stories of 50-120 deaths. We use lower estimates found in government and later writings.

¹⁸⁴¹ Were for most part, if not all, on way from California back, via Panama, to East Coast. Sixteen were Americans.

¹⁸⁴² Later reports deny this event happened. It is not included in our numbers – listed to show it is nor an oversight.

¹⁸⁴³ This would put the event between Illinois and Kentucky.

¹⁸⁴⁴ The last three deaths were on the 8th in a San Francisco hospital after transfer from the boat upon landing on 7th.

220. 1850 -- Nov 21, 25 or 26, Steamer *Antoinette Douglas* Boiler Explos., AL Riv., AL -- 9-30
 221. 1850 -- Dec 13, Steamer-Tug *Anglo-Norman* Boiler Explos., ~New Orleans, LA --20-100
 222. 1850 -- Dec 17, Steamboat *Knoxville* Boiler Explosion, New Orleans, LA --12-20
 223. 1850 -- Dec 17, Steamboat *South America* Burns, MS River, near Bayou Sera, LA --27-40

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

224. 1851 -- Fishing Schooner *Burlington* Lost -- 13
 225. 1851 -- Fishing Schooner *Hamilton* Lost -- 11
 226. 1851 -- Jan 07, Brig *Martha Sanger*, California to NY, wrecks on reef, Caribbean -- 27
 227. 1851 -- Jan 27, Steamboat *John Adams* Snags/Sinks, Miss. Riv., ~Greenville, MS--100-130
 228. 1851 -- Feb?, Steamboat *Arkansas*, Tallapoosa River, Mobile to Wetumpka, AL -- 52
 229. 1851 -- Feb 9, *Autocrat/Magnolia* Collide ~Butler's Plantation, Iberville Parish LA --10-34
 230. 1851 -- Feb 20, Boiler Explosion, Sidewheel Ferry *St. Louis*, St. Louis, MO -- 20
 231. 1851 -- Mar 2, Steamer *Oregon* Boiler Explos/Fire, Island No. 82, MS Riv., MS --18-60
 232. 1851 -- Mar 24, Boats Collide, *Lowell* Sinks, OH Riv., Captina Isl., ~Wheeling WV--15-20
 233. 1851 -- by April 24, Cholera, Steamboat *Iroquois*, New Orleans to St. Louis, MO -- 12
 234. 1851 -- Apr 10, Fishing Schooner *Harvest Home* of Newcastle, NH Lost -- 10
 235. 1851 -- before June 22, Steamer *Grand Turk*, Cholera, Mississippi River¹⁸⁴⁵ -- ~25
 236. 1851 -- before June 22, Steamer *Pride of the West*, Cholera, Mississippi River¹⁸⁴⁶ -- ~25
 237. 1851 -- June-July?¹⁸⁴⁷ Cholera, Steamboat *St. Ange*, upon arrival at Fort Pierre, SD -- 13
 238. 1851 -- May 02, Cincinnati Steamer *Webster* Burns, MS Riv., Kentucky Bend KY --40-60
 239. 1851 -- Aug 20, Steamboat *Dacotah* Explosion,, Peoria, IL -- 11
 240. 1851 -- Sep 28 Steamer *Brilliant* Boiler Explosion, Miss. River, Bayou Goula, LA--9-100
 241. 1851 -- Oct 3-4, Storm, New England Fishing Schooners Lost, ~Prince Edward. Isl.-- 166
 242. 1851 -- Oct 23, Steamer *Henry Clay* Sinks, Lake Erie Storm, off Long Pt., Ontario --16-19
 243. 1851 -- Nov 27, *Archer* collision/sinks, Upper MS riv., Enterprise Isl. ~Grafton IL --28-39
 244. 1851 -- Dec 09, Steamboat *Clermont* sinks (unknown cause), White River, AR --20-23
245. 1852 -- Jan 09, Steamboat *Magnolia* Explodes, St. Simon's Island, GA -- 13
 246. 1852 -- Jan 14, Steamer *George Washington* Boiler Explos./Fire, Grand Gulf, MS --16-30
 247. 1852 -- Jan 14, Steamer *Martha Washington* Burns, MS Ri., Island #65 ~Jackson Pt.-- 5-10
 248. 1852 -- Jan 25, Steamboat *De Witt Clinton* Snags/Sinks near Memphis, TN --36-40
 249. 1852 -- Jan 31, Steamer *General Warren* Grounds/wrecks, Columbia River Bar, OR--40-42
 250. 1852 -- Feb 16, *May Queen* Flues Collapse,, AR River, 45m below Little Rock, AR -- 12
 251. 1852 -- Mar, Gloucester MA Schrs. *Golden Fleece & C.E. Parkhurst* lost, Georges Bk-- 17
 252. 1852 -- Apr 03, Steamer *Redstone* Boiler Explosion, Ohio River ~Carrolton, KY --14-40
 253. 1852 -- Apr 03, Steamer *Glencoe* Boiler Explosion, St. Louis, MO --60-83
 254. 1852 -- Apr 9, Steamboat *Saluda* Boiler Explosion, Missouri Riv., Lexington, MO--37-135
 255. 1852 -- Apr 11, *Pocahontas* Fire, Miss. River, Island No. 78, Choctaw Bend, AR --10-12
 256. 1852 -- Apr 25, Steamboat *Prairie State No. 2*, Boiler Explosion, Pekin, IL -- 20
 257. 1852 -- Apr 26, Steamers Collide, *Chickasaw/W.B. Clifton*, French Is., Evansville IN-- 20

¹⁸⁴⁵ We note about twenty-five in that newspaper article writes of fifty deaths on Grand Turk and Pride of the West.

¹⁸⁴⁶ We note about twenty-five in that newspaper article writes of fifty deaths on Grand Turk and Pride of the West.

¹⁸⁴⁷ A newspaper report is dated July 29. Another source simply notes that the *St. Ange* brought cholera to Fort Pierre, starting an epidemic which spread to traders, trappers, local Native Americans, and then their neighbors.

258. 1852 -- July 05, Steamer *St. James* Boiler Explosion, Lake Pontchartrain, LA --30-40
 259. 1852 -- July 12, *City of Oswego* sinks, collis. *America*, L. Erie ~Willoughby, OH --15-20
 260. 1852 -- July 28, Steamer *Henry Clay* Burns/Sinks, Hudson River, Yonkers, NY --70-90
 261. 1852 -- Aug 20, Fog, Collision, *Atlantic* Burns/Sinks, Lake Erie ~Long Pt. Ont. --100~300
 262. 1852 -- Aug 22, *Doctor Franklin No. 2*, Flue Collapse, Ste. Genevieve, MO -- 32
 263. 1852 -- Aug 22, Overcrowded Ferryboat Capsizes, Hudson River, Albany, NY --10-20
 264. 1852 -- Sep 4, Steamboat *Reindeer* Boiler Explosion, Hudson River ~ Bristol, NY --28-37
 265. 1852 -- Nov 10/11, Propeller *Oneida* founders, Lake Erie storm, west of Ripley NY--17-19
 266. 1852 -- Nov 12, *Buckeye Belle* Explosion, Muskingum River, Beverly Canal, OH -- 24
 267. 1852 -- Dec 14, Steamer *Magnet* Boiler Explosion, OH Riv., Grandview Island, WV-- 10
 268. 1852 -- Dec 14, *Western World/H.R.W. Hill*, collide, MS Riv., Princeton Landing, MS-- 12

MARITIME Disasters – **Master Set** -- Deadliest American -- **CHRONOLOGICAL** (Cont.)

269. 1853 -- Feb 16, Steamer *Independence* Hits Rock/sinks, Margarita Isl., Lower CA-120-172
 270. 1853 -- Feb 16/26, Brig *Vintage Sails*, Salem, MA for West Coast of Africa, Lost -- 10
 271. 1853 -- Mar 23, Racing, Steamer *Farmer* Boiler Explosion, Galveston Bay, TX --28-36
 272. 1853 -- Apr 11, Steamship *Jenny Lind* Boiler Explosion, Alviso to SF, CA -- 31
 273. 1853 -- May 15, US (Baltimore built) *Monumental City* grounds, Tullaberga Is. Aus.-32-37
 274. 1853 -- Jun 20, Steamboat *New World* Boiler Explosion,, New York, NY -- 11
 275. 1853 -- Dec 22, Steamer *Marlboro/Marlborough* Boiler Explosion, Charleston SC --14-15
 276. 1853 --Dec 24-Jan 2, '54, Troopship *San Francisco* Stricken, Storm, off East Coast-150-300
 277. 1854 -- Jan 09, *General Bem* Snags, AR or MS Riv., Walnut Bend, AR or Grand Cutoff --10-15
 278. 1854 -- Jan 28, Steamboat *Georgia* Fire, Lake Pontchartrain, LA --25-60
 279. 1854 -- Feb, *Flight*, Gloucester, MA Fishing Schooner, Lost, Georges Bank -- 12
 280. 1854 -- Feb 16, Steamboat *Kate Kearney* Boiler Explosion, St. Louis, MO -->9-15
 281. 1854 -- March 5, Steamboat *Caroline* burns near mouth of White River, AR --45-60
 282. 1854 -- Mar 08, Schooner *Robert Walsh* lost off Cape Hatteras, NC -- 10
 283. 1854 -- Mar 09, Steamer *John L. Avery* Snags, Miss. River, Black Hawk Point, LA --12-90
 284. 1854 -- Mar 13/14, Steamer *Reindeer* Burst Flue, Ohio River, Cannelton, IN --38-46
 285. 1854 -- Mar 27, Steamer *Monroe* hits log/sinks, MS Ri., just north of Natchez, MS --17-30
 286. 1854 -- Apr 08, Steamer *Gazelle* Boiler Explosion, Oregon City, OR -- 25
 287. 1854 -- Apr 15, Steamer *Secretary* Explosion, SF Bay, near San Pablo Bay, CA -- 50
 288. 1854 -- Apr 16, Storm, Packet Ship *Powhatan* sinks off coast of NJ --250-311
 289. 1854 -- May 12, Steamer *Pike* Snags/Sinks, Big Eddy, Wilkinson's Landing, MO --10-11
 290. 1854 -- Aug 02, Steamer *Cape May* Snags, Mt. Vernon, IN -- 18
 291. 1854 -- Aug 26, Steamer *Timour No. 2* Boiler Explosion, near Jefferson City, MO --17-20
 292. 1854 -- Sep 12, Steamer *Malon* Sinks, Ohio River, near Paducah, KY -- 36
 293. 1854 -- Sep 17/18, Steamer *Kate Ward* Lost, Hurricane, Matagorda Bay, TX¹⁸⁴⁸ -- 12
 294. 1854 -- Sep 27, US Mail *Arctic & Vesta* Collide/Fog, Cape Race Newfoundland --318-562
 295. 1854 -- Sep 30, SS *Yankee Blade* Capsizes on Reef, Fog, near Pt. Arguello CA¹⁸⁴⁹ --15-30
 296. 1854 -- Oct 06, Steamer *Princess* Burns, Mississippi River, Fort Adams, MS -- 14
 297. 1854 -- Oct 08, Steamer *E.K. Collins* Burns, near Mouth of Detroit River, MI --20-23
 298. 1854 -- Nov 13, Propeller *Bucephalus* Sinks in Lake Huron storm ~Bird's Creek, MI-- 10

¹⁸⁴⁸ Cross-listed under Hurricane.

¹⁸⁴⁹ Cross listed in Fog as a Contributing Factor.

299. 1854 -- Nov 13, US immigrant ship *New Era* Grounds, Storm, Deal Beach, NJ --240-300
 300. 1854 -- Dec 7/8, *Westmoreland Founders*, Lake MI Ice Storm, Manitou Passage, MI-- 17

MARITIME Disasters -- Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

301. 1855 -- Jan 27, Steamer *Pearl* Boiler Explosion, Sacramento River, Marysville, CA --40-80
 302. 1855 -- Mar, Gloucester MA Schooners *Reporter & Abner L. Colby* lost Georges Bank--16
 303. 1855 -- Mar 27, Steamer *Bulletin No. 2* Burns, Mississippi River, Tompkin's Bend -- 23
 304. 1855 -- Apr 20, Propeller *Oregon* Boiler Explosion, Detroit River, near Belle Isle MI-- 12
 305. 1855 -- June 30, Steamer *Lexington* Boiler Explos., Ohio River, ~Stephensport, KY --30-35
 306. 1855 -- Nov 03, *Delaware* Grounds, Lake MI Storm, 8 miles off Sheboygan, WI -- 11
307. 1856 -- Jan 23, Amer. Steamer *Pacific* leaves Liverpool, Sinks, Irish Sea ~Wales¹⁸⁵⁰-- 186
 308. 1856 -- Feb 05, Steamer *Belle* Boiler Explosion, nine miles above Sacramento, CA -- ~30
 309. 1856 -- Mar 15, Fire, Steam Ferry *New Jersey*, DE Riv., Philly to Camden, NJ --30-61
 310. 1856 -- Jul 17, *Northern Indiana* Burns, L. Erie (Buffalo-Toledo) ~Pt. Pelee, Ontario-- 58
 311. 1856 -- Aug ~10, Steamer *Nautilus* Founders, Hurricane off LA Coast¹⁸⁵¹ --20-30
 312. 1856 -- ~Aug 16, Ship *Manila* "Lost" off Timbalier Island, LA -- 10
 313. 1856 -- Sep 24, Sidewheel *Niagara* Burns/Sinks, Lake MI, off Port Washington, WI-- 100
 314. 1856 -- Oct 24, *Toledo* Sinks, Lake Michigan Storm, off Port Washington, WI --30-55
 315. 1856 -- Oct 29/30, Stmr. *Superior* Grounds, Lake Sup. Storm, Pictured Rocks, MI --34-54
 316. 1856 -- Nov 2, Schooner *Le Lyonnais* Collision, Nantucket Island, MA --120-260
 317. 1856 -- Nov 4, *J.S. Brooks* Sinks, Stm., Lake Ont., ~Oswego & Sacket's Harbor NY-- 50
 318. 1856 -- Nov 26, Schooner *Cherokee* Founders, Lake Mich. Gale, near Manistee, MI-- 14
319. 1857 -- Feb 21, Steamer *Humbolt* sunk by *Belfast*, chute of Island No. 75, Miss. Riv.-- 15
 320. 1857 -- Mar 13, Schooner *Kamamalu* sails from Honolulu for Hilo, Lost -- ~70-72
 321. 1857 -- Mar 31, Steamer *Forest Rose* Boiler Explosion Miss. River, ~Napoleon, AR-- 11
 322. 1857 -- Mar 27, Lake Michigan Storm and Marine Disaster, Chicago, IL -- 15
 323. 1857 -- May 31, Steamboat *Louisiana* Burns, Galveston Bay, TX --35-66
 324. 1857 -- Aug 15, Steamers Collide, *J.N. Harris* Sinks, L.I. Sound, ~Falkland Isl., CT--13-15
 325. 1857 -- Sep 11/12, Steamer *Central America* Founders, Hurricane, off VA¹⁸⁵² --400-427
 326. 1857 -- Oct 15, Steamer *Tropic* snagged, Missouri River, near Waverly, MO -- 8-15
 327. 1857 -- Nov 12 or 15, *Opelousas & Galveston* Collide, Gulf of MX off LA Coast -- 18
 328. 1857 -- Nov 17, *Cataract* Mud Drum Explosion, Missouri River, Lisbon, MO --12-15
 329. 1857 -- Nov 18, Storm, ~Twenty Coal Boats Sink, OH and MS Rivers ~Cairo IL -- ~100
 330. 1857 -- Nov 21, Steamer *Rainbow* fire/sinks, MS Ri., Victoria Bend, Napoleon AR --20-75
331. 1858 -- Jan 28, *Fanny Fern* Boiler Explos., OH River, ~Lawrenceburg, IN --13-20
 332. 1858 -- Feb 4, Steamer *Colonel Crossman* boiler explos., MS Riv. ~New Madrid MO- ~15

¹⁸⁵⁰ While not on or near U.S. soil, the *Pacific* was a U.S. vessel, built in U.S., and manned with a primarily U.S. crew. Was considered a U.S. disaster at the time.

¹⁸⁵¹ Cross-listed in Hurricane. Francaviglia (*From Sail to Steam...Texas Maritime History*, 1998, 175) dates the loss at Aug 8 off the coast of Texas.

¹⁸⁵² "...the steamship *Central America*, which had been contending for three days with a tremendous tempest off the shore of Virginia..." (*New York Times*, "The Loss of the *Central America*." September 21, 1857)

333. 1858 -- Feb 17, Steamer *Magnolia* Boiler Explos., Cape Fear Riv., White Hall, NC --11-20
 334. 1858 -- Feb 20, Ship *John Milton*, Grounds in Snow Storm, Montauk, L.I., NY -- ~ 29
 335. 1858 -- Mar 1, Fire/Expos. , Steamer *Eliza Battle*, Kemp's Landing ~Demopolis AL --29-90
 336. 1858 -- Apr 02, Steamer *Sultan* Fire, Mississippi River, near St. Genevieve, MO -- 23
 337. 1858 -- Apr 22, Steam *Ocean Spray* Fire (Racing), Miss. River, ~St. Louis, MO --10-23
 338. 1858 -- Spring, USS *Susquehanna*, Yellow Fever Outbreak, off San Juan, PR -- 46
 339. 1858 --Jun 13, *Pennsylvania* boiler explos./fire, MS Ri., Hardin Pt. ~Austin MS/Helena AR-60-160
 340. 1858 -- Oct, Fishing Schooner *Village Belle* Lost, out of Gloucester, MA -- 16
 341. 1858 -- Dec, Gloucester MA Schooner *John Franklin* lost after leaving Prince Ed. Il.-- 14

MARITIME Disasters – Master Set --Deadliest American -- CHRONOLOGICAL (Cont.)

342. 1859 -- Feb 27, Steamer *Princess* Boiler Explos./Fire, MS Riv., ~Baton Rouge, LA-70-100
 343. 1859 -- Mar 28, Collis. Steamers *Nathaniel Holmes* / *David Gibson*, Petersburg, KY-15-50
 344. 1859 -- Apr ~1, Stm., Gloucester Schrs. *Grace T. Powers* & *Charles E. Grover* lost -- 17
 345. 1859 -- Apr 24 sidewheel *St. Nicholas* boiler explos./fire, Helena Isl. (No. 60), AR --50-70
 346. 1859 -- Oct 16, Propeller *Troy* Founders, Lake Huron Storm, Point aux Barques, MI-- 23
 347. 1859 -- Dec 18, Ship *Silas Holmes* Founders vicinity of Florida Keys, FL -- 33
348. 1860 -- Jan 5, Steamer *Northerner* hits rock off Centerville Beach, S of Humboldt Bay CA-33-38
 349. 1860 -- Feb, Gloucester Ma Sch. *George Washington*, *Advance*, *W.S. Wonson*, *Relief* lost-- 35
 350. 1860 -- Jun 24, Steamer *Ben. W. Lewis* Boiler Explosion, Cairo, IL --23-50
 351. 1860 -- Mar 06, Steamer *Alfred Thomas* Boiler Explosion, Del. River, Easton, PA --10-12
 352. 1860 -- Apr 26, Steamer *Alfred T. Lacy* fire, Isl. 16, MS Riv., ~Caruthersville, MO --13-16
 353. 1860 -- May 09, Steamer *R.F. Sass* Snags, Miss. River, Clark's Bar, ~Glover, MS -- 17
 354. 1860 -- Sep 08, Steamer *Lady Elgin* Collision, Sinks, Lake MI off Winnetka, IL --270-400
 355. 1860 -- Sep 17-18, Storm, *R. H. Dixie* wrecked, Bay of Mobile, off AL -- 16
 356. 1860 -- Sep 18, U.S. Navy Sloop-of-War *Levant* sails SE from Hilo, HI, Lost --150-210
 357. 1860 -- Sep 22, *Neptune's Bride*, Gloucester, MA Schooner, Wrecks, Maine -- 12
 358. 1860 -- Oct 31, Steamer *H.R.W. Hill* Boiler Explosion, Baton Rouge, LA -- 39
 359. 1860 -- Nov 03, Steam Towboat *Baltic* Explosion, Mobile, AL -- 20
 360. 1860 -- Nov 08, Steamer *Globe* Boiler Explosion, dock, Chicago, IL -- 15
 361. 1860 -- Nov 24, *Dacotah*, Grounds/Breaks, Lake Erie Storm, near Angola, NY -- 24
 362. 1860 -- Nov 24, *Jersey City* sinks, L. Erie Storm Near Long Pt. oppos. Dunkirk, NY-- 17
363. 1861 -- Feb, Gloucester MA Schrs. *Sweepstakes*, *Young*, *Stanwood*, *White Swallow* lost-34
 364. 1861 -- Nov 2-3, Storm, Ship *Maritana* wrecks, Egg Rocks ~Boston Light, MA¹⁸⁵³ --24-27
 365. 1861 -- Nov 21-24, Storm, Buffalo NY Steamer *Keystone State* Sinks, Lake Huron --20-33
366. 1862 -- Jan 1, Stm., Gloucester Schooners *Cynisca*, *Life Boat*, *Ocean Traveller* lost -- 29
 367. 1862 -- Feb 23, Confederate Steamer *Cambridge* Snags, Grand Glaise, AR -- 42
 368. 1862 -- Feb 24, Blow of 1862, 15 Fishing boats, Georges Bank, out of Gloucester MA-122
 369. 1862 -- Feb 27, Steamboat *Prince* Snags and Sinks, Miss. River, near Hickman, KY--74-75
 370. 1862 -- July 27, Steamboat *Golden Gate* Burns off Mexican Coast (Manzanilla) --175-200
 371. 1862 -- Aug 09, *Illinois* Hits *Oriole*, Fog, Lake Superior, off Munising, MI¹⁸⁵⁴ -- 12

¹⁸⁵³ Cross-listed in Hurricanes.

372. 1862 -- Aug 13, USS *George Peabody* & *West Point* Collide, Potomac River, VA --70-76
 373. 1862 -- Oct 08, Steamer *Ceres*, Explosion, St. Joseph Island, LA -- 12
 374. 1862 -- Nov 05, Steamer *J.H. Dickey* Grounds IL shore, MS River, Boiler Explodes-- 14
 375. 1862 -- Nov 12, Steamer *Eugene* snags wreck, Miss. River, Plum Point Bend, TN -- 15
 376. 1862 -- Dec 31, Iron Clad USS *Monitor* sinks, Storm off Cape Hatteras, NC --16-20

MARITIME Disasters -- **Master Set** -- Deadliest American -- **CHRONOLOGICAL** (Cont.)

377. 1863 -- Feb 22, Tug *Merrimac* Wrecks, Humboldt Bar, CA -- 13
 378. 1863 -- Apr 27, Steamer *Ada Hancock* Explosion, San Pedro Bay, LA, CA -- 26
 379. 1863 -- Aug 4, Steamboat *Ruth* Burns, Mississippi River, ~Columbus, KY -- 30
 380. 1863 -- Aug 21, USS *Bainbridge* Capsizes, Hurricane, off Cape Hatteras, NC¹⁸⁵⁵ --80-90
 381. 1863 -- Aug 28, Steamer *Sunbeam* Sinks, Lake Sup. Storm, ~Keweenaw Pt., MI --25-34
 382. 1863 -- Aug 19, Steamer *City of Madison* ammunition Explosion, Vicksburg, MS --50-163
 383. 1863 -- Oct, Steam Screw *Water Witch* Founders, Saginaw Bay, MI -- 20
 384. 1863 -- Dec 13, Steamer *Quincy* Founders, Cape Hatteras, NC -- 16
385. 1864 -- Jan 23, Schooner *Dashaway* Wrecks, Cape Mendocino, CA -- 14
 386. 1864 -- Feb 17, Steamboat *Orient* Snags, upper Mississippi River, Commerce, MO -- 14
 387. 1864 -- Feb 22, Steamship *Bohemian* wrecks, Alden's Rock, off Richmond Isl., ME--19-20
 388. 1864 -- Feb-Mar (esp. Mar 22), 8 Gloucester, MA Fishing Schooners Lost at Sea --74-75
 389. 1864 -- Apr 15, Steamer *Chenango* Boiler Explos. NY Harbor ~Ft. Richmond NY --30-33
 390. 1864 -- May 21, Steamboat *Nile* Boiler Explosion, Detroit, MI -- 6-13
 391. 1864 -- Jun 03, Steamer *Pocahontas* sinks, *City of Bath*, collision, off Cape May, NJ-40-41
 392. 1864 -- Jun 08, Steamer *Berkshire* Fire, Hudson River, Esopus Island, NY -- 35
 393. 1864 -- July 03, Steamer *Locust Point* Collides with *Matanzas* off Absecon, NJ -- 17
 394. 1864 -- Jul 21, *B.M. Runyan* Snags/Sinks, MS Riv., Island 84, Gaines Landing MS--50-150
 395. 1864 -- Aug 10, Propeller *Racine* boiler Explosion, Lake Erie, off Rondeau, Ontario-- 12
 396. 1864 -- Oct 30, Union packet *Universe* snags/sinks, MS Riv., between Islands 35&36 -- 17
 397. 1864 -- Nov ~5, Union transport *James White*, snags/sinks, MS River, Island #10, TN-- 16
 398. 1864 -- Nov 08, *Mojave* Sinks, mid Lake MI betw. Sheboygan WI, Big Sable Point -- 10
 399. 1864 -- Nov 12, Navy Gunboat *Tulip* Boiler Explosion, Ragged Point, MD --49-61
 400. 1864 -- Dec 22, Military Steamer *North America* Sinks, Storm off Coast of FL --197-200
401. 1865 -- Jan 26/27, Steamer *Eclipse* Boiler Explos., Tenn. River, Johnsonville, TN --27-36
 402. 1865 -- Mar 2, Union Transport *James Watson* Grounds/burns?, MS Riv., Isl. No. 76, AR-30-35
 403. 1865 -- Mar 31, Steam Transport *General Lyon* Burns off Cape Hatteras, NC --400-500
 404. 1865 -- Apr 27, Steamer *Sultana* Explodes/Burns, MS Riv., Redman Point, AR-1,547-2000
 405. 1865 -- May 29, Stm. *Governor Troup* burns Savannah Ri., below Augusta, SC shore-- 40
 406. 1865 -- Jun 3, Steamers *Poland* and *Idaho* Collide, *Poland* Sinks, Yazoo River, MS --10-12
 407. 1865 -- June 8, Steamer *Admiral Dupont* hit/sunk, British *Studacona*, S. NJ Coast --15-20
 408. 1865 -- Jun 9~, SS *Kentucky* snags/sinks, Red River, Tow Head Isl. ~Shreveport LA-- ≤30
 409. 1865 -- July 30, Storm, *Brother Jonathan* Grounds & Sinks off Crescent City, CA-146-225
 410. 1865 -- July 31, Steamer *Joseph Pierce* Boiler Explosion, Palmyra Landing, MS -- 12

¹⁸⁵⁴ Cross-listed under Fog as a contributing factor.

¹⁸⁵⁵ Cross-listed in Hurricanes.

411. 1865 -- Aug 09, *Pewabic* collides with *Meteor*, Sinks, Lake Huron, off Alpena, MI--32-125
 412. 1865 -- Oct 15, Steam. *Atlanta*, N.O., LA to NYC sinks/storm, off Sandy Hook, NJ --45-47
 413. 1865 -- Oct ~24, Steamer *D.H. Mount* Lost, Cape Hatteras to Jacksonville, FL -- 24
 414. 1865 -- Oct 25, Steamer *Republic* (former USS *Tennessee*) Founders ~Savannah, GA-- 34
 415. 1865 -- Oct 29, Steamer *St. John* Boiler Explosion, ~5 miles above NYC, NY -- 26
 416. 1865 -- Nov 24, *Niagara* Sinks, Collis. with *Post Boy*, MS River ~Prairie Point AR-75-150
 417. 1865 -- Dec 09, Ferry Steamboat *De Soto*, Explosion, Pascagoula, MS -- 11
 418. 1865 -- Dec 26-27, Fog, Steamer *Constitution* Grounds, Cape Lookout shoals, NC¹⁸⁵⁶30-48

MARITIME Disasters – Master Set -- Deadliest American – CHRONOLOGICAL (Cont.)

419. 1866 -- Jan 09, Steamer *Asher Ayres* Burns, Altamaha River, Darien, GA -- 6-12
 420. 1866 -- Jan 28, Steamer *Miami*, Boiler Explosion, Arkansas Riv., ~ Napoleon, AR--40-225
 421. 1866 -- Jan 30, Steamer *Missouri* Boiler Explosion, Ohio Riv. near Newburg, IN --60-100
 422. 1866 -- Feb 02, Steamboat *W.R. Carter* Boiler Explosion, MS Riv., Island No. 98--123-215
 423. 1866 -- Mar 04, Steamer *Lockwood* Explosion/Burns, 8 miles below Memphis, TN -- 9-20
 424. 1866 -- Apr 18, *City of Norwich & Van Vliet* collide, Huntington Harbor, NY -- 11
 425. 1866 -- Apr 26, Steamer *Windsor* Burned, Detroit River, Detroit, MI --20-31
 426. 1866 -- May 03, Clipper *Hornet*, NY to San Francisco, burns sinks, Pacific Ocean -- 16
 427. 1866 -- May 31, *City of Memphis* Explodes/Burns, MS River, off Buck Island, MS--11--60
 428. 1866 -- June 18, *Jennie P. King* Wrecks, Lake Erie Storm, out of Tonawanda, NY -- 14
 429. 1866 -- Sep 29, Steamer *Julia*, Steam Drum Explosion, San Francisco, CA -- 10
 430. 1866 -- Oct 03, Steamer *Evening Star* Founders, Storm, off Tybee Island, GA --247-261
 431. 1866 -- Oct (late). US gunboat *Bienville*, while in Caribbean and passage to NYC -- 14
 432. 1866 -- Dec 27, Steamer *Fashion* Fire, 7-12 miles above Baton Rouge, LA -- 43
433. 1867 -- Jan-Feb, Amer. Bark *John Bright* strands near Nootka Isl., BC, crew murdered-- 14
 434. 1867 -- Jan 17, Steamer *John Raine* Burns, Mississippi River, Greenville, MS -- 59
 435. 1867 -- Jan 18, Steamer *Platte Valley* hits submerged wreck near Memphis, TN 60-100
 436. 1867 -- Feb 10, Steamer *City of Bath* Fire off Cape Hatteras, NC -- 22
 437. 1867 -- Feb 17, Steamer *David White* Boiler Explos., MS River, Pt. Chicot MS --60-65
 438. 1867 -- Mar 03, Propeller steamer *Andalusia* Fire and Drownings, off Hatteras, NC -- 12
 439. 1867 -- May 04, Steamer *Main* Capsized in Storm on Lake Pontchartrain, LA -- 10
 440. 1867 -- May 21, Steamer *Wisconsin* Fire/Drowning, Lake Ont., ~ Cape Vincent, NY-- 23
 441. 1867 -- Aug, Two Gloucester, MA Fishing Schooners Lost on Georges Bank -- 17
 442. 1867 -- Sep, Gale, Gloucester MA Fishing Sch. *Fashion* lost, Bay of St. Lawrence -- 13
 443. 1867 -- Nov 17, Steamboat *Onward* burns, Alabama River, Bells Ledge, AL -- 11
 444. 1867 -- Dec 24, Steamer *Raleigh* Burns to water, off Charleston, SC --14-24
 445. 1867 -- Dec 31, Steamer *Henry Ames* guards fail while unloading, New Orleans, LA-- ~20
446. 1868 -- Mar 18, Steamer *Magnolia* Boiler Explos./Fire, OH Riv., ~Cincinnati OH --35-83
 447. 1868 -- Apr 9, Sidewheel *Sea Bird* Burns/Sinks, Lake Mich., off Waukegan, IL --68-103
 448. 1868 -- May 01, Propeller *Gov. Cushman* Explodes, Buffalo, NY -- 11
 449. 1868 -- June, Gloucester MA Fishing Schooner *General Butler* lost, Georges Bank -- 10
 450. 1868 -- June ~15, Brit. Bark *Istria* Wrecks, Diamond Shoals off Cape Hatteras NC -- 23

¹⁸⁵⁶ Cross-listed in Maritime.

451. 1868 -- Jun 20, Steamer *Morning Star* / *Cortland* Collide, Lake Erie, ~Avon Pt. OH--25-60
 452. 1868 -- Sep 07, *Hippocampus* Grounds, Lake Michigan Storm, off St. Joseph, MI -- 26
 453. 1868 -- Sep 16, *Persian* Hit by *E.B. Allen*, Lake Huron 3m off 40-Mile Point, MI -- 10
 454. 1868 -- Oct 06, Propeller *Perseverance* Burns, Lake Ontario off Pultneyville, NY -- 14
 455. 1868 -- Dec 4, Steamers *United States* & *America* collide, OH Riv. ~Warsaw, KY--59- 100
 456. 1868 -- ~Dec-Jan 1869, Stm., Gloucester, MA Fishing Sch. *Forest Belle* lost, GB -- 12

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

457. 1869 -- Jan 11, Steamer *Gulf City* Grounds and Breaks-up, Cape Lookout, NC --22-23
 458. 1869 -- Jan 13, Steamer *Glide* Boiler Explosion, ~50m above New Orleans, LA -- 15
 459. 1869 -- Feb 12, Steamer *Mittie Stephens* fire, Caddo Lake ~Swanson's Landing TX --61-69
 460. 1869 -- Mar 6-7, Gale, Gloucester Schrs. *Price, Porter, & Woodbury* lost, Georges Bk.--31
 461. 1869 -- Sep 8, Hurr., Schrs. *Helen Eliza* Grounds (Peak's Isl., ME), *Yankee Girl* lost¹⁸⁵⁷-23
 462. 1869 -- Oct 27, Fire, Steamer *Stonewall*, Mississippi River, Tea Table Bar, MO --125-209
 463. 1869 -- Nov 4-15,¹⁸⁵⁸ *WW Arnold* Grounds, Lake Sup. Storm, Two Hearted River, MI-- 11
464. 1870 -- Jan, Gloucester, MA Fishing Schooner *Viking* lost, on way to Grand Banks -- 11
 465. 1870 -- Jan, Steamer *City of Boston* sails from NYC for Liverpool, Lost -- 177
 466. 1870 -- Jan 25, Gloucester, MA Fishing Schooner *Weather Gage* lost, Grand Banks -- 10
 467. 1870 -- Mar, Gloucester MA Fishing Schooner *William F. Pool* lost on Georges Bank-- 10
 468. 1870 -- Sep, Gloucester MA Fishing Sch. *Dauntless* lost on way to St. Lawrence Bay-- 12
 469. 1870 -- Sep 18, Gale, Gloucester, MA Fishing Schooner *Day Star* Lost at Sea -- 12
 470. 1870 -- Oct, Gloucester, MA Fishing Schooner *Alatamaha* lost, Georges Bank -- 10
 471. 1870 -- Oct 09, Sternwheel Steamer *Mariposa* Founders off Coast of FL -- 36
 472. 1870 -- Oct 20, Hurricane, Steamer *Varuna* Capsizes, 35m NE Jupiter Inlet, FL¹⁸⁵⁹ --36-72
 473. 1870 -- Dec 18, *Nick Wall* Snags/Sinks Miss. Riv., ~Napoleon, AR & Princeton, MS-- 39
474. 1871 -- Jan 9, Gloucester, MA Fishing Schooner *Edith Wonson* lost on Western Bank-- 12
 475. 1871 -- Jan 14, Steamboat *T.L. McGill* Burns, Miss. River, Shoo-Fly Bar, MS --15-75
 476. 1871 -- Jan 28, Steamboat *W. R. Arthur* Boiler Explosion, near Memphis, TN --60-87
 477. 1871 -- Feb, Gloucester, MA Fishing Schooners *Hiawatha* & *E.L. Cook* lost at sea -- 21
 478. 1871 -- Apr 02, Gale, Gloucester, MA Schs. *Lindberg, Pride, Murray, Hough* lost-- 42
 479. 1871 -- Summer, East Gloucester, MA) Fishing Schooner *River Queen* lost at sea -- 12
 480. 1871 -- Jul 3, Cal. Brig *Shelehoff* disabled Pacific Ocean storm, starvation, found Oct 19--11
 481. 1871 -- July 30, Staten Island Ferry *Westfield II* Boiler Explosion, NY Harbor NY--86-126
 482. 1871 -- Aug 18, Steamer *Lodona* Grounds, Storm, near Cape Canaveral, FL -- 21
 483. 1871 -- Aug 27, Steamboat *Ocean Wave* Boiler Explos., Point Clear ~Mobile, AL --34-75
 484. 1871 -- Sep 2, Gloucester, MA Fishing Schooners *Montrose* and *Emporia* lost at sea-- 17
 485. 1871 -- Oct 3, Hurricane, TX Coast, Steamer *C. K. Hall* Lost off Cedar Point TX¹⁸⁶⁰ -- >10
 486. 1871 -- Oct 15, *Coburn* Sinks, Lake Huron Storm, near Pointe aux Barques, MI -- 32
 487. 1871 -- Nov 22, Steamer *City of New London* Burns, Norwich, CT -- 17

¹⁸⁵⁷ Cross-listed in Hurricanes.

¹⁸⁵⁸ Four dates are provided in the accounts cited in narrative, Nov 1, on or after Nov 4, Nov 11, and Nov. 15.

¹⁸⁵⁹ Cross-listed under Hurricanes.

¹⁸⁶⁰ Cross-listed under Hurricane.

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

488. 1872 -- Jan, Gloucester, MA Fishing Schooner *Messenger* lost on Western Bank -- 12
489. 1872 -- Mar, Gloucester, MA Schooners *Matchless*, *Franklin Snow* lost, Georges Bk.-- 22
490. 1872 -- Apr 11, Steamer *Oceanus*, Boiler Explosion, MS. River, Brook's Point, IL -- 40
491. 1872 -- Aug 30, Propeller *Metis* hits Sch. *Nettis Cushing*, sinks off Watch Hill, RI --20-70
492. 1872 -- Oct 33, Screw Steamer *Missouri* Fire off Abaco Light, Lucaya, Bahamas --50-87
493. 1872 -- Nov 27, *Jupiter & Saturn* Ground, Lake Sup. Storm, Vermilion Point, MI -- 15
494. 1872 -- Dec, 26, Bark *Kadosh* wrecked, ship *Peruvian* lost, Storm, MA coast -- 32
495. 1873 -- Feb 15, Steamer *Henry A. Jones* Burns, Galveston, TX -- 21
496. 1873 -- Mar, Gloucester, MA Fishing Schooner *J. H. Orne* lost on Georges Bank -- 11
497. 1873 -- Aug 08, Steamer *Wawaset* Burns, Potomac River, off Aquia Creek, VA --13-75
498. 1873 -- Aug 22, *George C. Wolfe* Boiler Explo., MS Ri., St. Francis Is. ~Helena AR-12-30
499. 1873 -- Aug 24, "Nova Scotia" Storm Sinks Fishing Fleet from Gloucester MA¹⁸⁶¹ -- 128
500. 1873 -- Sep 15, Storm, Steamship *Ironsides* sinks, Lake MI, near Grand Haven, MI --18-27
501. 1874 -- Feb 11, Gale, Gloucester, MA Fishing Schr. *B. H. Smith*, Lost Grand Banks -- 12
502. 1874 -- Mar, Gloucester, MA Fishing Schooner *White Fawn* lost Western Banks -- 12
503. 1874 -- Apr 15, Tow Boat Capsizes, Mississippi River, Below New Orleans, LA -- 13
504. 1874 -- Jun 07, Storm, Boats Capsize, Drownings, Lakes Oneida & Onondaga NY -- 27
505. 1874 -- Aug 5, Steamboat *Pat Rogers* Burns, Ohio River below Aurora, IN --47-50
506. 1874 -- Sep 28, Steamer *Amanda Winants* Lost off Georgetown, SC -- 16
507. 1874 -- Oct 22, Steamer *Brooklyn* Boiler Explosion, Detroit River, MI --20-22
508. 1874 -- Nov, Gloucester, MA Fishing Schooner *G. G. Kidder* Lost, Grand Banks --12-13
509. 1875 -- Jan, Gloucester, MA Fishing Schooner *David Burnham* lost on Grand Banks-- 12
510. 1875 -- Jan, Gloucester, MA Fishing Schooner *Joseph Chandler* lost, Grand Banks -- 12
511. 1875 -- Feb, Gloucester, MA Fishing Schooner *J. C. Call* lost, Grand Banks -- 12
512. 1875 -- Feb, Gloucester, MA Fishing Schooner *Sarah H. Cressey* lost, Grand Banks-- 12
513. 1875 -- Mar, Gloucester, MA Fishing Schooner *H.B. Stanwood* lost, Georges Bank -- 12
514. 1875 -- Mar. Gloucester, MA Fishing Schooner *William C. Endicott* lost, Georges Bk.-- 10
515. 1875 -- Apr 23, Steamers *Exporter*, *Charles Bodman*, *Kyle Burn*, New Orleans, LA -- 30
516. 1875 -- Apr 29, Fishermen Drown off Saint Joseph, MI -- 11
517. 1875 -- Jul 06, Steamer *Isaac Bell* & tug *Lumberman* Collide, Hampton Roads, VA -- 10
518. 1875 -- Aug 26, Ships *Comet* & *Manitoba* Collide, 7M SE Whitefish Point, WI -- 11
519. 1875 -- Sep 10, Propeller *Equinox* Sinks, Storm, Lake Mich., ~Big Sable Point, MI --21-26
520. 1875 -- Nov, Gloucester, MA Fishing Schooner *Pharsalia* Lost, Georges Banks -- 12
521. 1875 -- Nov 04, Steamship *Pacific* sinks collis. with *Orpheus*, off N. WA Coast --200-300
522. 1875 -- Nov 9, Steamship *City of Waco* Burns, off Galveston Bar, TX --49-70
523. 1875 -- Nov 18 Sch. *Sunshine* Strands, Columbia mouth, ~Cape Foul-Weather, OR --20-40
524. 1875 -- Dec 01, Steamer *Sunnyside* hits Ice/Sinks, Hudson Riv., near West Park, NY-- 11
525. 1876 -- Mar 01, *Nuova Ottavia* Grounds, Life-Saving Crew Lost, Kittyhawk, NC -- 18

¹⁸⁶¹ Cross-listed here as a subset of Hurricane (total fatalities >600).

526. 1876 -- March 1, Scow, Explosion, Umatilla Rapids, OR -- 13
 527. 1876 -- ~Apr 4, Gloucester, MA Fishing Schooner *Kearsarge* Lost, Georges Bank -- 11
 528. 1876 -- Apr 8, Gloucester, MA Fishing Schooner *Henrietta Greenleaf* Capsizes, ~GB-- 10
 529. 1876 -- Apr-May, Gloucester, MA Fishing Schooner *James L. Shute* Lost on GB -- 14
 530. 1876 -- Apr-May, Gloucester, MA Fishing Schooner *Janet Middleton* Lost on GB -- 11
 531. 1876 -- ~May, Gloucester, MA Fishing Sch. *Saratoga* hit/sunk, Georges Bank -- 9-12
 532. 1876 -- July 09, Steamer *St. Clair* Fire, Lake Superior, off 14 Mile Point, MI --26-27
 533. 1876 -- Sep, Gloucester, MA Fishing Schooner *Walter M. Falt* lost on Grand Banks-- 12
 534. 1876 -- Sep 17, Steamer *Rebecca Clyde*, Strands/Wrecks, 20m so. of Hatteras, NC --12-13
 535. 1876 -- Oct, Gloucester, MA Fishing Sch. *Joseph F. Allen* Lost on Western Bank -- 10
 536. 1876 -- Dec, Gloucester, MA Fishing Schooner *D. E. Woodbury* lost, trip to GB -- 10
 537. 1876 -- Dec, Gloucester, MA Fishing Schooner *Howard Steele* Lost, La Have Bank -- 11
 538. 1876 -- Dec, Gloucester, MA Fishing Schooner *J.F. Huntress* Lost, La Have Bank -- 10
 539. 1876 -- Dec, Gloucester, MA Fishing Schooner *John S. Tyler* lost, La Have Bank -- 10
 540. 1876 -- Dec, Gloucester, MA Fishing Sch. *Modena B. Jerauld* Lost, La Have Bank -- 11
 541. 1876 -- Dec, Gloucester, MA Fishing Schooner *William T. Merchant* lost, Grand Bk.-- 12
 542. 1876 -- Dec, Gloucester, MA Fishing Schooner *Wyoming* lost, La Have Bank -- 9-10
 543. 1876 -- Dec 30, Freighter *Circassian* Breaks-up in Storm, Mecox, Long Island, NY -- 28

MARITIME Disasters – **Master Set** -- Deadliest American -- **CHRONOLOGICAL** (Cont.)

544. 1877 -- Jan, Gloucester, MA Fishing Schooner *Mary Burnham* lost, La Have Bank -- 11
 545. 1877 -- Jan 7, Steamer *Montgomery* hit by *Seminole*, sinks, 38m NE of Cape May NJ-- 13
 546. 1877 -- Jan 20, U.S. Schooner *George Washington* Strands, Mistaken Point, NFLD -- 25
 547. 1877 -- Apr 13, Steamer *Leo* Burns 83 miles south of Tybee Light, GA -- 23
 548. 1877 -- Nov 24, U.S. Navy warship USS *Huron* Grounds in Storm, Nags Head NC- 83-103
549. 1878 -- Jan 2-3, Cape Cod Storm, Schrs. *A.P. Avery*, *Powwow*, *F. Fish* Wrecked -- ~12
 550. 1878 -- Jan 10, Storm, Boston Fishing Sch. *Little Kate* Grounds Near Duxbury, MA-- 13
 551. 1878 -- Jan 31, Steamer *Metropolis* Wrecks, gale, south of Jones Hill Station, NC --85-104
 552. 1878 -- Jan-Feb, Gloucester, MA Fishing Schooner *Carrie P. Morton* lost, Grand Bk.-- 14
 553. 1878 -- Sep 28, Steamer *Adelphi* Boiler Explos., ~Gregory's Pt. E. Norwalk, CT --14-15
 554. 1878 -- Oct 12, Whaling Bark *Sarah* Capsizes in Gale, out of Bedford, MA -- 22
 555. 1878 -- Oct 20, Last sighting of Fishing Schooner *Cunard* out of Gloucester, MA¹⁸⁶²-- 14
 556. 1878 -- Oct 21-24, Hurricane, Maritime Loses, NC, VA, MD, DE, PA, NJ, CT¹⁸⁶³ -- 54
 557. 1878 -- Dec 01, *Cotton Valley/Charles Morgan* Collide, MS R., ~Bringier Pt., LA --12-20
 558. 1878 -- Dec 10, Steamer *Emily B. Souder* Founders, Storm, off Cape Hatteras, NC --36-38
559. 1879 -- Feb 20-21, Storm, ~13 Gloucester, MA Sch's Lost, George's Bank, NF --143-157
 560. 1879 -- Apr, Gloucester, MA Fishing Schooner *Ida (or Ada) E. Baker*, Western Bk. -- 12
 561. 1879 -- Apr, Gloucester, MA Fishing Schooner *William Thompson*, lost, Banks -- 14
 562. 1879 -- Apr 18, Steamer *Great Republic* Strands, Columbia River, Sand Island, OR --13-14
 563. 1879 -- Aug~, Whaling Schooner *Arizona*, reportedly lost off Cape Hatteras, NC -- 15
 564. 1879 -- Aug 18-19, Hurricane, CT, MA, ME, VA, Chesapeake Bay, At Sea¹⁸⁶⁴ -- 28

¹⁸⁶² On Fishing trip to the Grand Banks.

¹⁸⁶³ Land & Maritime losses cross-listed in Hurricane.

565. 1879 -- Oct, Gloucester, MA Fish Sch. *N. H. Phillips*, Lost, Banquereau Bank NS --13-14
 566. 1879 -- Oct-Dec, Gloucester MA Fishing Sch. *Harvey C. Mackay* Lost, Grand Banks-- 10
 567. 1879 -- Nov 08, Steamer *Champion* Collision with Brit. Bark, Cape Henlopen DE --31-32
 568. 1879 -- Dec, Schooner *Mary D. Pomeroy*, Crescent City, CA to SF, CA, Lost -- 14

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

569. 1880 -- Jan, Barkentine *Ray R. Sharp*, Philadelphia, PA for Lisbon, Portugal, Lost -- 13
 570. 1880 -- Mar 23, Gloucester, MA Sch. *Annie C. Norwood* lost, Caches' Shoal, MA -- 14
 571. 1880 -- Apr 27, Schooner *Olivia Schultze* Founders, ~mouth of Sinslaw River, OR -- 15
 572. 1880 -- May 04, Storm, fishing boats capsize, Columbia River mouth, OR and WA --15-36
 573. 1880 -- Jun 11, Steamer *Narragansett* Hit/Burns/Sinks, Fog, off Saybrook CT¹⁸⁶⁵ --27-50
 574. 1880 -- June 28, Stmr. *Seawanhaka* Explodes/Burns, East River, Randall's Isl. NY --24-50
 575. 1880 -- July 22, Stm. *Mamie* Bisected by *Garland*, Detroit Riv., ~Grosse Isle, MI --16-17
 576. 1880 -- Aug, Bark *Emma C. Litchfield*, St. Mary's, GA to Buenos Aries lost at sea -- 10
 577. 1880 -- Aug 9, Steamer *Bonnie Lee* Boiler Explosion, Lenoir Pt., Red River, LA -- 9-10
 578. 1880 -- Aug 28, Steamer *City of Vera Cruz* Sinks, Hurricane off Mosquito Inlet, FL¹⁸⁶⁶ --68
 579. 1880 -- Aug 28, Bark *Miriam*, Pensacola, FL to Rio de Janeiro, Lost at Sea -- 13
 580. 1880 -- Aug 29, Bark *Alfred*, Pascagoula MS for Trinidad Island, Spain lost at sea -- 13
 581. 1880 -- Oct 15/17, Steamer *Alpena* Sinks, Lake MI Storm, off Holland, MI --57-101
 582. 1880 -- Nov, Gloucester, MA Fishing Schooner *Nathaniel Webster*, the Banks -- 14
583. 1881 -- Apr 15, Gloucester, MA Fishing Schooner *Carrie S. Dagle* lost, Western Bk.-- 12
 584. 1881 -- Aug-Sep, Gloucester, MA Fishing Sch. *Guy Cunningham* lost Grand Banks --13-14
 585. 1881 -- Dec 26, Steamer *West Point* Gas Explosion/Fire, York River, VA -- 19
586. 1882 -- Jan 22, Shipwreck, Bark *F.L. Carney*, South Hatteras Inlet, NC -- 8-10
 587. 1882 -- Feb 5?, Gale, Gloucester Schs. *Bellerophon*, *Carroll*, *Pew*, *Revere*, *Somes*, GB-- 67
 588. 1882 -- Mar 17?, Gale, Gloucester MA Schooners *Northerner* and *Victor* lost, GB -- 24
 589. 1882 -- Mar 30, Steamboat *Golden City* burns near Memphis, TN -- 35
 590. 1882 -- July 04, *Scioto* sinks, hit by *John Lomas*, OH River, Mingo Junction, OH --56-57
 591. 1882 -- Aug 07, Steamboat *Gold Dust* Boiler Explosion., near Hickman, KY --17-24
 592. 1882 -- Sep 30, Steamboat *Rob't. E. Lee* burns, MS River, Yucatan Landing, MS --~25-30
 593. 1882 -- Dec 01, *R.G. Peters* Fire/Founders, Lake Mich. Storm, out of Manistee, MI -- 14
 594. 1882 -- Dec 05, Sch. *Henry Folger* Grounds on Reef, Salmon Pt. ~Wellington, Ont. -- 16
 595. 1882 -- Dec 06, Steamboat *Morning Star* Boiler Explos., MS Riv., below N.O., LA --16-17
596. 1883 -- Jan 2, Cowe Tunnel Convict Boat Capsizes, Tuckasegee River, Western NC-- 19
 597. 1883 -- Jan 29, Steam Collier *Tacoma* grounds off Umpqua, OR -- 10
 598. 1883 -- Mar 04, Steamboat *Yazoo Valley* Snags/Sinks, MS Riv., ~ Red Church, LA --16-19
 599. 1883 -- May 03, American Steamer *Grapples*, Puget Sound to Alaska, Burns, off BC-- 70
 600. 1883 -- May 22, Schooner *Wells Burt* founders, Lake MI Storm, off Evanston, IL --10-11
 601. 1883 -- May 25, Steamboat *Pilot* Boiler Explosion, Petaluma Riv. near Lakeville, CA-- 10

¹⁸⁶⁴ Subset of Hurricane listing.

¹⁸⁶⁵ Cross-listed under Fog as a Contributing Condition.

¹⁸⁶⁶ Cross-listed in Hurricanes.

602. 1883 -- Aug 29, Gale, Gloucester MA Schooners *Alaska & James Bliss* lost, GB --23-24
 603. 1883 -- Sep, Gloucester MA Schooner *Charles Hildreth* lost, trip to Georges Bank -- 10
 604. 1883 -- Nov 12, Gale, Chesapeake Bay, Sloop *Anne Gertrude*, other Vessels Lost -- 9-20
 605. 1883 -- Nov 12-14, Gales, nine Gloucester, MA Fishing Schooners lost, Georges Bank-114
 606. 1883 -- Nov 16, Gale, Steamer *Manistee* lost, Lake Superior, ~Keweenaw Pen., MI --25-37
 607. 1883 -- Dec 28, Gale, Gloucester Schs. *Stetson, Knutsford, Irving, Maddocks* lost --52-55

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

608. 1884 -- Jan 18, *City of Columbus* hits Devil's Bridge reef, Martha's Vineyard, MA--97-103
 609. 1884 -- Jan 23, Raft upset/drownings, Upper Cumberland River, near Carthage, TN -- 9-10
 610. 1884 -- Feb 28, Gale, Gloucester MA Fishing Schooners *Magic and Phoenix* lost -- 26
 611. 1884 -- Apr 3, *Rebecca Everingham* fire, Chattahoochee Riv., Fitzgerald Landing GA-- 13
 612. 1884 -- Jun 08, Ferry Boat goes over Falls, Drownings, Thompson's Falls, MT -- 11
 613. 1884 -- Jun 27, Schooner *Deborah H. Diverty* Founders, storm, off Beck's Beach, NJ-- 10
 614. 1884 -- Aug 29, Steamer *Belmont* Capsizes, High Wind, near Evansville, IN -->13-16
 615. 1884 -- Dec 12, Oyster Boats Capsize, Men Drown, Storm, Rappahannock River VA-- 27
616. 1885 -- Feb 9~, Gale, Gloucester, MA Fishing Schooner *Solomon Poole* lost GB -- 14
 617. 1885 -- May 5, New Bedford, MA Whaling Bark *Napoleon* Sunk by Ice, Bering Sea-- 22
 618. 1885 -- Aug, Schooner *Washington*, Appalachicola, FL to NYC, Lost at Sea -- 10
 619. 1885 -- Aug 20, Brit. Bark *Haddingtonshire* Strands 3 miles No. Point Reyes, CA -- 15
 620. 1885 -- Oct, Bark *Bertha*, Sand Key, Turk's Island for Boston, Lost at Sea -- 13
 621. 1885 -- Oct 12, Last sighting of Whaling Bark *Amethyst* of SF, CA on Arctic trip -- 40
 622. 1885 -- Dec 25, Steamship *City of Nassau* lost after leaving Philly, PA -- 17
 623. 1885 -- Dec 25-Jan 1886, Gloucester, MA Fishing Sch. *Hyperion* lost, GB trip gale? -- 12
 624. 1885 -- Dec 25-Jan 1886, Gloucester, MA Fishing Schooner *Mabel Dilloway* Lost -- 16
 625. 1885 -- Dec-Jan 1886, Gloucester, MA Fishing Schooner *Virginia Dare* Lost, GB -- 14
626. 1886 -- Jan 8-10, Gale, Coast of NJ, NY and New England, Maritime Losses -- 34
 627. 1886 -- Jun-Jul, Gloucester, MA Fishing Schooner *Seth Stockbridge* lost, Greenland-- 14
 628. 1886 -- Mar 16, Stm. *Beda*, Columbia Ri. to SF CA Founders ~Cape Perpetua OR -- 11
 629. 1886 -- Aug-Sep, Gloucester, MA Fishing Schooner *George L. Smith* lost GB trip -- 14
 630. 1886 -- Aug-Sep, Gloucester, MA Fishing Sch. *John F. Wonson* lost, Brown's Bank-- 10
 631. 1886 -- Sep, Steamboat *Julia* Boiler Explosion, [probably CA] -- 11
 632. 1886 -- Oct 05, Steamer *La Mascotte* Flue Collapse/Fire, Neely's Landing, MO -- 34
 633. 1886 -- Nov, Kodiak Schooner *Flying Scud* lost near Karluk, AK --16-24
 634. 1886 -- Nov 15-18, Great Lakes Region Storm, Maritime Disaster -- 39
 635. 1886 -- Nov 19, Barges *Menekaunee & Marinette* Wreck, Lake MI., ~Frankfort, MI-- 14
 636. 1886 -- Dec 13, Fire & Explosions, Steamer *J. M. White*, near Point Coupee, LA --15-40
 637. 1886 -- Dec 14, Ship *Harvey Mills* founders, gale, Cape Flattery, WA -- 22
 638. 1886 -- Dec 17, Whaling Bark *Atlantic* Grounds near San Francisco, CA -- 27
 639. 1886 -- Dec 28, Steamer/Boarding House *Bradish Johnson* Fire,, Jackson, AL¹⁸⁶⁷ -- ~24
640. 1887 -- Mar 01, *W.H. Gardner* Burns, Tombigbee River, Gainesville, AL -- 20

¹⁸⁶⁷ Cross-listed in Fires.

641. 1887 -- Apr, Gloucester, MA Fishing Schooner *Jamestown* Lost, Western Bank -- 12
 642. 1887 -- Apr, *St. Stephen* or *Stephens*, Seattle to San Francisco, lost at sea near WA -- 27
 643. 1887 -- Apr 01, Ship *Eldorado* (Seattle to SF) Sinks in storm off Cape Flattery, WA-- 12
 644. 1887 -- Apr-Aug, MA Fishing Sch. *Lydia Y. (or T.) Crowell*, Lost, N.S. fishing --15-16
 645. 1887 -- Jul 10, Sloop Yacht *Mystery* Capsizes, Overloaded, Canarsie Bay, LI, NY --24-33
 646. 1887 -- Jun 17, Steamer *Champlain* Burns, Lake Michigan, off Charlevoix, MI --20-24
 647. 1887 -- Jul-Oct, Bark *Isabel*, Rockland, ME to Pensacola, FL, Lost at Sea -- 10
 648. 1887 -- Aug 20, Gale, Provincetown MA Whaling Sch. *Ellen Rizpah* lost ~Hatteras --13-14
 649. 1887 -- Sep 3~, Gloucester, MA Fishing Sch. *Thomas L. Tarr* Lost, Gale, Banks trip-- 14
 650. 1887 -- Sep 3, Gale, Provincetown, MA Fishing Sch. *Rebecca R. Nickerson* lost, GB -- 19
 651. 1887 -- Oct 03, Propeller *California* Founders, Lake Mich., Straits of Mackinac, MI--13-14
 652. 1887 -- Oct 18, Ship *Alfred Watts*, Philadelphia to Japan, Lost at Sea -- 25
 653. 1887 -- Oct 29, Steamer *Vernon* Founders, Lake MI. Storm, off Sheboygan, WI --30-50
 654. 1887 -- Nov 3, Schooner *Ocean Bird* Capsizes, Storm, Pasquotank River, NC -- 9-20
 655. 1887 -- Nov 17-19, Northeaster, Lake Superior, Thirty Shipwrecks -- ~ 40
 656. 1887 -- Nov-Dec, Gloucester, MA Fishing Schooner *Peter D. Smith* lost Georges trip-- 12
 657. 1887 -- Nov-Dec, Gloucester, MA Fishing Schooner *William Parsons, 2nd*, lost, GB-- 12
 658. 1887 -- Dec 20, Str. *San Vicente*, SF to Santa Cruz, Burns off Point New Year, CA -- 12

MARITIME Disasters – **Master Set** -- **Deadliest American** – **CHRONOLOGICAL** (Cont.)

659. 1888 -- Jan 09, Ship *John T. Berry*, Philadelphia, Pa. to Japan, Burns at Sea -- 11
 660. 1888 -- Feb 27, Ferryboat *Julia* Boiler Explosion/Fire, South Vallejo, CA --30-40
 661. 1888 -- Mar 11-14, East Coast “Blizzard of 1888,”¹⁸⁶⁸ Maritime Loss component -- >100
 662. 1888 -- May 03 Schooner *Isabel*, San Francisco to Shamagin Island, AK, Lost -- 14
 663. 1888 -- May 21, Fishing Schooner *Isabel* springs a leak, founders, Coast of Alaska -- 14
 664. 1888 -- Aug 22, Steamers *Oceanic & City of Chester* Collide, Fog, San Francisco¹⁸⁶⁹-10-34
 665. 1888 -- Oct 03, Whaling Bark *Ohio* driven ashore near Point Hope, Chukchi Sea, AK-- 25
 666. 1888 -- Nov 26, Schooner *Edward Norton* Wrecks, Stm., First Cliff Pt., Scituate MA-- 15
 667. 1888 -- Nov 27, Storm, Philly Steam Collier *Allentown* Grounds off Cohasset, MA --18-21
 668. 1888 -- Nov-Dec, Gloucester, MA Fishing Schooner *Carleton* Lost, Georges trip -- 12
 669. 1888 -- Nov-Dec, Gloucester, MA Fishing Schooner *Joseph O.* lost, Georges trip -- 12
 670. 1888 -- Dec 23, Steamer *Kate Adams* Burns, MS River, Commerce Landing, MS --14-33
 671. 1888 -- Dec 24, Steamer *John H. Hanna* Burns, Mississippi Riv., Plaquemine, LA --20-30
672. 1889 -- Jan 05, Steamer *Paris C. Brown* Snags and Sinks, Hermitage Landing, LA -- 8-11
 673. 1889 -- Feb 22, Nova Scotia Bark *Josie Troop* Wrecks at Chicamacomico, NC -- 11
 674. 1889 -- Mar 16, Portland, ME Bark *E.L. Pettengill*, Wrecks, Chesapeake Bay -- 14
 675. 1889 -- Mar 26~, Gloucester Fishing Sch. *Shiloh* reported run down off Cape Cod -- 14
 676. 1889 -- Apr 06, Nor’easter, DE/MD/VA/NC, Chesapeake Bay, Many Vessels Lost --25-37
 677. 1889 -- May 13, Storm, Steamer *Alaskan* Founders off Cape Blanco, OR --15-31
 678. 1889 -- Oct 3, Steamer *Corona* Boiler Explos., Mississippi River, False River, LA --38-46
 679. 1889 -- Nov 20, Steamer *Manhattan* sinks, collision, Sch. *Agnes Manning*, off DE --10-12

¹⁸⁶⁸ Cross-listed in Winter Storms – Nor’easters

¹⁸⁶⁹ Cross listed in Fog as a Contributing Factor.

680. 1890 -- Jan 9~, Gloucester, MA Fishing Schooner *Alice M. Strople* lost GB Gale? -- 14
 681. 1890 -- Mar-Apr, Gloucester, MA Fishing Sch. *William W. Rice* lost, Iceland trip -- 16
 682. 1890 -- July 13, Severe Storm, Steamer *Sea Wing* Capsizes, Lake Pepin, MN --97-100
 683. 1890 -- Aug 6, Boston Sch. *Magellan*, sunk by the *St. Mary* near Falkland Islands --20-22
 684. 1890 -- Nov 05, 8, Schs. *Lillie Amoit & John D. Miner* collide, Menominee Hbr., MI-- 25
 685. 1890 -- Nov 24, NY Steam-Yacht *F.L. Norton*, leaves New London for France, Lost-- 10
 686. 1890 -- Nov 27, Steamer *T. P. Leathers* Burns, Miss. River, Point Breeze, MS --17-19

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

687. 1891 -- Jan-Feb?, Gloucester, MA Fishing Schooner, *Veteran* lost, Georges trip -- 12
 688. 1891 -- Feb 21, Ship *Elizabeth*, NYC to SF, Grounds, Tenn. Cove, Marin Ct. CA --17-20
 689. 1891 -- Feb 26, Gale, craft lost, lower James Ri. ~Warwick Ri. mouth, Newport News, VA-20-24
 690. 1891 -- Mar 24, Steamer *Strathairly* Wrecks (Grounds) at Chicamacomico, NC -- 19
 691. 1891 -- Aug 12, Storm, Barge *Republic* deck falls, Cold Spring Harbor, L.I., NY --13-16
 692. 1891 -- Sep, Gale, Beverly, MA Fishing Sch. *Albert Woodbury* Lost ~Nova Scotia --11-12
 693. 1891 -- Sep, Portland ME Fishing Schooner *City Point* Lost, La Harve Banks trip --12-14
 694. 1891 -- Sep-Oct, Gloucester, MA Fishing Schooner *Percy* Lost, Georges Bank trip -- 12
 695. 1891 -- Oct, MA Fishing Schooner, *Hattie N. Reed*, Lost at Sea -- 15
 696. 1891 -- Oct 22, Gale, Fishing Schooner *Red Wing* breaks in surf, ~Indian Riv. Inlet, DE-- 6
 697. 1891 -- Oct 29, Str. *Oliver Beirne* Fire, MS Ri., Millikens Bend, ~Vicksburg MS --15-19
698. 1892 -- Feb 02, SF, CA Whaling Bark *Tamerlane*, Strands, Puna Island, HI -- 19
 699. 1892 -- Feb 19-Mar 02~, Gale, Sch. *Tecumseh*, Strands, Fenwick Isl. Shoals, MD --10-11
 700. 1892 -- Jun 13, Mil. Munitions Explos., USS *Boston*, Mare Isl. Navy Yard, CA¹⁸⁷⁰ --14-16
 701. 1892 -- July 12, Storm, *Frankie Folsom*, small boats founder, IL Ri., Peoria, IL --14-21
 702. 1892 -- Aug 26, Ship *William A. Campbell*, out of Port Townsend, WA sinks, storm--11-14
 703. 1892 -- Sep 01, *Western Reserve* Sinks, Storm, off Sable Banks, near Deer Park, MI--26-31
 704. 1892 -- Oct ~28, OH Steamer *W.H. Gilcher* Sinks, Stm., Lake MI, ~Manitou Is. MI --18-21
705. 1893 -- May 07, Steamer *Ohio* Steam Flue Bursts, Miss. River near Wolf Island, MS-- 13
 706. 1893 -- Aug, Gloucester, MA Fishing Sch. *Pioneer* lost, Georges Bank trip -- 12
 707. 1893 -- Aug 03, Steamer *Rachel* Sinks, Lake George, ~Fourteen Mile Island Hotel, NY-- 9
 708. 1893 -- Aug 24, Schooner *Empire State* Sinks, Storm, off Barnegat, NY -- 10
 709. 1893 -- Aug 24, Tugboat *Panther* Sinks, Storm, SE Coast Long Island, NY -- 17
 710. 1893 -- Oct 1-2, Hurricane *Cheniére Caminanda*, Gulf Coast, LA, MS, AL¹⁸⁷¹ --123-127
 711. 1893 -- Oct 13-14, Great Lakes Storm, *Dean Richmond*, *Wocoken*, others, lost --65-73
 712. 1893 -- Nov 07, *Albany & Philadelphia* Col., Fog, L. Huron ~ Pte Aux Barques, MI-- 24
 713. 1893 -- Dec 15, Schooner *Mascot* leaves SF, CA homeport, sealing trip, lost at sea -- 17
714. 1894 -- Jan 12-13~, Gloucester Fishing Schs. *Edwards*, *Flash*, *Henrietta* lost, Gale -- 26
 715. 1894 -- Mar 12-Jun~, Gloucester Fishing Sch. *Ambrose H. Knight* lost, Iceland trip -- 16
 716. 1894 -- Apr, Gloucester, MA Fishing Sch. *Martha and Susan* lost, Georges trip -- 13

¹⁸⁷⁰ Cross-listed in Explosions.

¹⁸⁷¹ This is a subset of 1,700-2,000 cross-listed hurricane fatalities, and is a minimum representation of maritime, especially fishing craft, losses, which is a tally of craft identified by name and numbers of crew lost.

717. 1894 -- Apr 10, Schooners *Albert W. Smith* and *Kate Markee* Wrecked, NJ Coast -- 16
 718. 1894 -- May 11, Amer. Whaling Bark *James Allen* hits rock/sinks, Amlia Isl., AK -- 25
 719. 1894 -- May 15-18, Great Lakes Storm, esp. Lake Mich., 23-28 Ships Founder --27-35
 720. 1894 -- Jun 14, Steam Tug *James D. Nicol* Overloaded, Founders, Sandy Hook, NJ --35-42
 721. 1894 -- Sep 27, Ship *Ivanhoe* leaves Seattle for SF, lost in storm off WA/OR coast --23-24
 722. 1894 -- Dec, Steamer *Keweenaw* Lost, Storm, Pacific NW Coast -- 29

MARITIME Disasters – **Master Set** -- **Deadliest American** -- **CHRONOLOGICAL** (Cont.)

723. 1895 -- Jan 21, *Chicora* Sinks, Storm, Lake Michigan, off South Haven, MI --24-26
 724. 1895 -- Jan 26, Barges towed by *Sea King* Founder, Storm, off Point Judith, RI -- 12
 725. 1895 -- Feb 09, Gloucester Schooner *Clara F. Friend* strands, Eastern Head, N.S. -- 12
 726. 1895 -- Mar 08, Steamer *Longfellow* hits C&O Bridge Pier, Sinks, Cincinnati, OH --11-14
 727. 1895 -- Apr 22, Storm, Rappahannock Riv., Middlesex Co., Burham's Wharf, VA -- 10
 728. 1895 -- May 27, *Colima* (SF, CA) Founders, Storm, off Manzanilla, Mexico -- 153
 729. 1895 -- Nov 23-Dec, Gloucester Fishing Schooner *Falcon* Lost, Georges Bank trip -- 11
730. 1896 -- May 10, *Harry Brown* Boiler Explosion, Miss. Riv. ~Ursina Landing, MS -- 10
 731. 1896 -- Oct 14, NY Fishing Smack *W.W. Story* last seen off Absecon, NJ -- 11
 732. 1896 -- Oct 20, Steamer *Arago* Snags/Sinks, Mouth of Coos Bay, OR -- 13
733. 1897 --Aug 12, Whaler *Navarch* caught in ice, abandoned off Blossom Shoals, AK --13-16
 734. 1897 -- Nov 05, Freighter *Idaho* Sinks, Lake Erie Storm, off Long Point, Ontario -- 19
 735. 1897 -- Nov 25, Provincetown, MA sch. *Susan R. Stone* sails for West. Bank, lost -- 19
736. 1898 -- Jan 31-Feb 1, Storm, Maritime Fatalities, MA Coast, esp. Gloucester area --17-35
 737. 1898 -- Feb 05, Storm, *Clara Nevada* Grounds/Explodes, ~Eldred Rock, AK --33-150
 738. 1898--Feb 15, Battleship *USS Maine* Magazine Explosion, Havana Hbr., Cuba¹⁸⁷²-263-268
 739. 1898 -- Mar 20/21, Bark *Helen W. Almy* capsizes in gale near Point Bonita, CA --40-41
 740. 1898 -- May 22, Seattle Schooner *Jane Grey*, leaks, sinks, W of Cape Flattery, WA -- 34
 741. 1898 -- Jun 28, Storm, Steamer *Jessie V.* swamped, Kuskokwim River mouth, AK -- 18
 742. 1898 -- Nov 26-27, Portland Gale, SS *Portland* sinks (Cape Ann MA), New Eng.--450-500
743. 1899 -- Jan 14/15, Sailing Ship *Andelana* sinks while moored at Tacoma, WA --17-20
 744. 1899 -- Feb 14~, Gloucester MA Schooner *A.M. Burnham* lost on Brown's Bank -- 12
 745. 1899 -- Mar 06, Steamer *L.R. Doty* Founders, Lake Michigan, near Kenosha, WI -- 17
 746. 1899 -- Mar 07, Steamer *James Bowen* Founders off Hog Island, VA -- 10
 747. 1899 -- Apr 04, *Chilkat* Wrecks in "Heavy Sea," Humboldt Bay Bar, CA -- 10
 748. 1899 -- Apr 21, Steamer *General Whitney* Founders, off St. Augustine, FL -- 17
 749. 1899 -- Oct 30, Steamer *George L. Colwell* Founders, Gale off Coast of SC -- 12
 750. 1899 -- Dec 05, Freighter *Niagara* sinks, Lake Erie Storm, 10m E of Long Pt. Ontario-- 12
751. 1900 -- Jun 30, Fire, Lloyd Steamship Piers, *Main, Bremen, Saale*, Hoboken NJ¹⁸⁷³300-400
 752. 1900 -- Aug 2-3, Storm, Steamers *Merwin, Resolute* and *Dollar* "Wreck," AK -- 15

¹⁸⁷² Cross-listed under Explosions.

¹⁸⁷³ Cross-listed under Fires, Structural.

753. 1900 -- Aug 7, Storm, Maritime Disaster, Nome vicinity, AK -- 38
 754. 1900 -- Sep 11, *John B. Lyon* Sinks, Lake Erie Storm, off Conneaut, OH -- 11
 755. 1900 -- Sep 12-13, Southeaster gale, off-shore Natives in boats, inshore, Nome AK¹⁸⁷⁴>100
 756. 1900 -- Sep 14, Gloucester, MA fishing schooner *Sigfrid* sails for Quero Bank, lost -- 13

MARITIME Disasters -- **Master Set** -- Deadliest American -- **CHRONOLOGICAL** (Cont.)

757. 1901 -- Jan 22, Gloucester, MA schooner *Commonwealth* sails for Georges Bank, lost-- 14
 758. 1901--Feb 22, *City of Rio de Janeiro* Grounds/Sinks, Fog, Fort Point, SF Bay CA¹⁸⁷⁵-127~140
 759. 1901 -- May 12, *City of Paducah* snags/sinks, MS Ri., ~Brunkhorst Landing, IL --15-27
 760. 1901 -- May 24, Steamer *Baltimore* Founders, Lake Huron, near Au Sable, MI -- 13
 761. 1901 -- Aug 14, Steamer *Islander* hits Iceberg, off Douglas Island, near Juneau, AK--42-70
 762. 1901 -- Aug 19, Steamer *City of Golconda* Turtles, Windstorm, OH Riv. ~Paducah, KY --15-22
 763. 1901 -- Aug 28, *City of Trenton*, Boiler Explodes, Delaware River, ~Torresdale, PA--26-28
 764. 1901 -- Sep 16, Gloucester, MA Schooner *Lolanthe* departs for codfishing trip, lost -- 14
 765. 1901 -- Sep 16, Steamer *Hudson* Founders in Gale, L. Sup. ~8M off Eagle River, WI-- 24
 766. 1901 -- Dec, Steamship *Matteawan* lost off West Coast -- 33
767. 1902 -- Jan 2, Steamer *Walla Walla* hit by bark *Max*, 9m off Cape Mendocino, CA --36-43
 768. 1902 -- Jan 25, Gloucester, MA fishing Schooner *Alva* sails for Georges Bank, Lost -- 17
 769. 1902 -- Feb 02, *Belle of Oregon*, *Antelope*, *Mystic Bell* lost, near Fire Island, NY -- 13
 770. 1902 -- Mar 12, Steamer *Providence* Grounds, Storm, Davis Bend, LA -- 19
 771. 1902 -- Mar 17, Monomoy Station Lifeboat Capsizes off Chatham, MA -- 12
 772. 1902 -- Apr 20, Steamer *City of Pittsburg* Fire, OH Riv., ~Ogden's Landing, KY -- 64
 773. 1902 -- July 17, Sudden Squall, Excursion Party Boat Capsizes, ~Appledore Is. ME -- 14
 774. 1902 -- Oct 13, *C. B. Lockwood* Sinks, Storm, Lake Erie, off Fairport Harbor, OH -- 10
 775. 1902 -- Nov 23, Freighter *Silvanus J. Macy* Sinks, Lake Erie Storm -- 14
 776. 1902 -- Dec 03, Ship *Progreso* Fuel Tank Explosion, Fulton Shipyard, SF, CA -- 12
 777. 1902 -- Dec 05, Schooner *Wesley M. Oler* Founders off Hatteras Inlet, NC -- 10
 778. 1902 -- Dec 17, Schooners *Louise B. Crary*/*Frank A. Palmer* Collide, Gloucester MA-- 11
 779. 1902 -- Dec 17, Last sighting, Gloucester fishing Sch. *Annie Wesley*, off Sable Island-- 14
 780. 1902 -- Dec 21, Last sighting of American ship *Florence*, Tacoma, WA for Honolulu-- ~15
781. 1903 -- Jan 02, Bark *Prince Arthur* Grounds on Rocks off Coast of WA -- 18
 782. 1903 -- Feb 17, Steamer *Olive* sunk, Tornado, Chowan Riv., Woodley's Pier, NC¹⁸⁷⁶-14-18
 783. 1903 -- Mar 07, Ferryboat Capsizes, Hudson River, Spier Falls ~Glens Falls, NY --17-19
 784. 1903 -- May 5, fog, Gloucester, MA fishing Sch. *Gloriana* grounds, White Point, NS¹⁸⁷⁷ 15
 785. 1903 -- May 5, Fog, Steamer *Saginaw* sinks, liner *Hamilton* collis. ~Hog Island, VA¹⁸⁷⁸-15
 786. 1903 -- Aug, Hurricane, Steamer *George W. Kelley* lost, Caribbean, for New Orleans-- 19

¹⁸⁷⁴ This was a hurricane-like southeaster gale which produced a storm surge into Nome, Alaska and high waves that destroyed buildings along the waterfront. While we have seen reference to 18-19 specific deaths at Nome, mostly drowning, we are cross-listing in Maritime in that over 100 Natives were reported to have drowned trying to cross from Kings Island to the mainland in umiaks.

¹⁸⁷⁵ Cross listed in Fog as Contributing Factor.

¹⁸⁷⁶ Cross-listed in Tornadoes.

¹⁸⁷⁷ Cross-listed in Fog as a Contributing Factor.

¹⁸⁷⁸ Cross-listed in Fog as a Contributing Factor.

787. 1903 -- Sep 15-17, Maritime Component, Mid-Atlantic Coast Hurricane¹⁸⁷⁹ --90-107
 788. 1903 -- Oct 03, Storm, Steamer *Erie L. Hackley* Sinks, Green Bay ~Green Isl., WI --11-12
 789. 1903 -- Oct 19, Steamer *South Portland* Grounds, Cape Blanco, OR -- 19
 790. 1903 -- Nov 1, Storm, Steamer *Discovery* founders (all lost), off SE AK Coast --26+-40

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

791. 1904 -- Jan 08, Steamer *Clallam* Sinks, Storm, San Juan de Fuca Straits, WA -- 52
 792. 1904 -- Feb 27, Steamship *Queen* Fire/Drownings,, off Coast of OR -- 14
 793. 1904 -- Apr 13, Battleship *Missouri* Magazine Explosion, off Pensacola, FL¹⁸⁸⁰ --32-34
 794. 1904 -- May 26, Tow *Fred Wilson* Boiler Explosion, West Louisville, KY -- 11
 795. 1904 -- Jun 15, Fire, *General Slocum* Excursion Steamer, East Riv., NYC, NY --957-1,200
796. 1905 -- Jan 03, Towboat *Defender* Boiler Explos., OH Riv., near Huntington, WV -- 9-20
 797. 1905 -- Mar 10, San Francisco Fishing Schr. *Pearl* Wreck Found, Unga Island, AK --30-36
 798. 1905 -- July 07, Drownings, at Log Jam, Chippewa River, Little Falls Dam, WI -- 11
 799. 1905 -- Jul 21, USS *Bennington* Gunboat Boiler Explosion, San Diego, CA --60-65
 800. 1905 -- Aug 28, Steamship *Peconic* Founders off Northeast Coast of FL -- 20
 801. 1905 -- Sep 03, Steamer *Iosco* Lost, Lake Superior Storm., E of Keweenaw Pen., MI-- 19
 802. 1905 -- Oct 19, *Kaliyuga* Lost, Lake Huron Storm, last seen off Presque Isle, MI -- 17
 803. 1905 -- Nov 25, *Nellie Coleman* Lost at Sea, Squaw Harbor, AK to Seattle, WA --12-30
 804. 1905 -- Nov 28, *Ira H. Owen* Sinks, Lake Superior Storm, Outer Is., Apostles, WI -- 19
 805. 1905 -- Nov 29, *Mataafa, Edenborn, Lafayette* wreck, Lake Sup. Stm. ~Duluth, MN-- 11
806. 1906 -- Jan 10, Bark *Nicholas Thayer* Lost from Seattle WA for Seward, AK -- 10
 807. 1906 -- Jan 13, Schooner *Robert H. Stevenson* Grounds, Diamond Shoals, NC -- 12
 808. 1906 -- Jan 22, Storm, *Valencia* Grounds/Sinks south side Vancouver Island, BC --117-136
 809. 1906 -- Apr 13, Battleship USS *Kearsarge* Turret Powder Fire off Cape Cruz Cuba -- 10
 810. 1906 -- Jun 11, Steamer *Corinthian* Grounds, Humboldt Bar, CA -- 12
 811. 1906 -- Oct 18, Sidewheel Steamer *St. Lucie* Founders, Hurricane, Elliot Key, FL¹⁸⁸¹-- 21
 812. 1906 -- Nov 18, Steamers *Dix & Jeanie* Collide, *Dix* Sinks, Puget Sound, WA -- 42
 813. 1906 -- Dec 19, Steamer *W.T. Scovell* Boiler Explosion, ~Vicksburg, MS --10-16
814. 1907 -- Feb 11, Steamship *Larchmont* Hit/Sinks in Blizzard off Block Harbor RI --123-332
 815. 1907 -- Feb 22, Steamer *Marion Burns*, Wadmalaw Sound, Hart's Landing, SC --12-24
 816. 1907 -- Apr 2/3, Ship *Arthur Sewall* Lost at Sea after sailing from Philadelphia, PA -- 28
 817. 1907 -- Apr 10, Bark *Adolph Obrig* Lost after sailing from NYC, NY -- 18
 818. 1907 -- Apr 13, Steamer *Arcadia* Founders, Lake Michigan, Big Sable, MI -- 12
 819. 1907 -- June 11, Battleship *Minnesota* Launch Run-Down Hampton Roads, VA -- 11
 820. 1907 -- July 15, USS *Georgia* Gun Turret Powder Explosion off Cape Cod, MA -- 10
 821. 1907 -- July 21, Collision, Steamer *Columbia & San Pedro*, off Shelter Cove, CA --80-86
 822. 1907 -- Oct 22, Gloucester, MA fishing sch. *Clara G. Silva* loses five dories, storm -- 10
 823. 1907 -- Oct 11, Storm, Steamer *Cypress* Founders, Lake Sup., off Deer Park, MI --22-26

¹⁸⁷⁹ Cross-listed in Hurricanes (total life lost, 125) – includes Sch. *George F. Edmunds* (15 lives lost)

¹⁸⁸⁰ Cross-listed under Explosions.

¹⁸⁸¹ 164 deaths are attributed in total to the Oct 18-21, 1906 Florida Keys Hurricane.

824. 1907 -- Nov 24, Last contact with Ship *Bangalore*, Norfolk VA to Honolulu, HI -- 21

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

825. 1908 -- Jan/Feb, Gloucester Fishing Schooner *Northern Eagle*, lost, Gulf of Mex. -- 9-10
826. 1908 -- Jan 08, Schooner *John F. Miller* Grounds, Nelson Lagoon, AK -- 10
827. 1908 -- Jan ~23, Steamer *Bluefields* Founders, Storm off Cape Hatteras, NC -- 18
828. 1908 -- Feb 14, Ship *Emily Reed* Grounds, Nehalem Beach, OR -- 11
829. 1908 -- Apr 26, *Miriam* hit by “Cyclone,” Capsizes, Miss. River, ~Hardins Pt. AR -- 11
830. 1908 -- May 02, Steamer *Minnie E. Kelton* Grounds, Yaquina Head, OR -- 11
831. 1908 -- May 26, Boston Sch. *Fame*/UK Steamer *Boston* Collide, fog, Cashes Bank¹⁸⁸²-- 18
832. 1908 -- July 24, Bark *Auburndale* Lost from Turks Island, Carib., to Philadelphia PA-- 10
833. 1908 -- Aug 27, Last report from Ship *Fort George*, NY, NY to Honolulu, HI -- 20
834. 1908 -- Sep 1, Drownings, Sloop Capsizes in Squall, Penobscot Bay off Deer Isle, ME-- 7
835. 1908 -- Sep 20, Ship *Star of Bengal* Grounds, Coronation Island, AK -- 112
836. 1908 -- Nov 21, Steamer *H. M. Carter* Explosion/Fire, Miss. River, Palo Alto, LA --10-11
837. 1908 -- Nov 30/Dec 1, Storm, Steamer *D.M. Clemson* Sinks ~Whitefish Pt., MI --24-27
838. 1908 -- Dec 02, U.S. Steamer *Soo City* Lost in Storm, Gulf of St. Lawrence -- 19
839. 1909 -- Jan 25, Schooner *William C. Tanner* Lost, Rockport, MA to Key West, FL -- 10
840. 1909 -- May, ~1-2, Storm, Stm. *Adella Shores* Sinks, Lake Sup., ~Grand Isl., MI --14-21
841. 1909 -- May 18, Drownings, overloaded Launch Sinks, OH Riv., ~Schoenville, PA --20-26
842. 1909 -- June 06, Ship Hits Wharf, Collapses, Mandeville, Lake Pontchartrain LA -- 11
843. 1909 -- July 12, *John B. Cowle* Hit/Sinks, Lake Superior, Whitefish Point, MI -- 14
844. 1909 -- July 18, Sloop *Roxana* Capsizes, and other Drownings, N. Y. Bay --19-22
845. 1909 -- Aug 18, Gloucester, MA Schooner *Orinoco* capsizes, Sambro, Nova Scotia -- 11
846. 1909 -- Oct 11, Tug *Sybil* Wrecks, Hurricane, off coast of Miami, FL -- 11
847. 1909 -- Dec 08, Coal Ferry *Marquette & Bessemer # 2* Sinks, Lake Erie Storm --30-36
848. 1909 -- Dec 08, *Clarion* Fire, Lifeboat Loss, Lake Erie, ~SE Shoal Lighthouse, Ont.-- 15
849. 1909 -- Dec 13, Sch. *Governor Ames* Wrecks, Stm., Wimble Shoals, Cape Hat. NC --11-13
850. 1909 -- Dec 23, Schooner *Susie M. Plummer* abandoned, Cape Flattery, WA -- 10
851. 1909 -- Dec 24, Steamer *Columbia* Lost, out of NYC, NY to Port au Prince Haiti -- 11
852. 1909 -- Dec 26, Schooner *Davis Palmer* Founders off Boston Harbor, MA -- 14
853. 1910 -- Jan 12, Steamer *Czarina*, Grounds on Coos Bay Bar, OR -- 24
854. 1910 -- Jan 22, Schooner *Henry B. Fiske* of Boston, Capsizes off Nantucket MA -- 8-10
855. 1910 -- Mar 15, Tug USS *Nina* Lost, presumably Gale off Chesapeake Capes, VA¹⁸⁸³-- 33
856. 1910 -- May 11, *City of Saltillo* Grounds on Rock, Sinks, Glen Park, MO -- 12
857. 1910 -- May 23, *Frank H Goodyear* hit/Sinks, Lake Huron, ~Pt. Aux Barques MI -- 23
858. 1910 -- Sep 9, *Pere Marquette 18* Founders, Lake Mich., 20M off Sheboygan, WI --25-30
859. 1910 -- Oct 01, Battleship *New Hampshire* Launch Capsizes, Hudson River, NY --23-31
860. 1910 -- Oct 11-14, Steamship *Arkadia* Lost, New Orleans, LA to San Juan, P.R. -- 37

¹⁸⁸² Cross listed in Fog as Contributing Factor.

¹⁸⁸³ *Lowell Sun* (MA) gives the date Feb 6, 1910 in “Shipping Disasters: Summary of the Accidents That Occurred Last Year,” March 21, 1910.

861. 1911 -- Jan 10, Barges *Trevorton/Corbin/Pine Forest* Wreck, Cape Cod, MA -- 17
 862. 1911 -- Jan 21~, Gloucester Sch. *Ella M. Goodwin* departs Bay of Islands, NFL, lost-- 10
 863. 1911 -- Jun 12, Storm, Fishing Boats Capsized, James River & Hampton Roads, VA-- 15
 864. 1911 -- Jun 24, *City of St. Joseph* Flue Collapse, Miss River, Presidents Island, TN -- 22
 865. 1911 -- July 07, Steamer *Santa Rosa* Grounds north of Point Arguello, CA -- 12
 866. 1911 -- July 28, New England Coastal Storm, Craft Lost (esp. *Nokomis*), esp. MA -- 11
 867. 1911 -- Aug 26, Schooner *Margaret A. May* Founders, Kiawah Island, SC -- 10
 868. 1911 -- Nov 12, Storm, Steam Barge Lost off NY Harbor, NY -- 14

MARITIME Disasters – Master Set -- Deadliest American – CHRONOLOGICAL (Cont.)

869. 1912 -- Feb 29, Steamer *J.E. Trudeau* Burns, Belle River, LA -- 10
 870. 1912 -- Mar 15, Gloucester MA Schooner *Patrician* founders, Jordan Bay, Nova Scotia-10
 871. 1912 -- Apr 14, RMS *Titanic* Hits Iceberg/Sinks (1,517 total fatalities¹⁸⁸⁴) Atlantic -- 119
 872. 1912 -- Nov 23, *Rouse Simmons* Sinks, Lake Michigan Storm, near Two Rivers, WI--11-17
 873. 1912 -- Dec 15, Schooner *S.O. Co. No. 87* Founders, Gulf of Mexico -- 10
874. 1913 -- Jan 1-25, Steamer *El Dorado* Lost, from Sparrow Point MD to Galveston -- 39
 875. 1913 -- Jan 03, *Julia Luckenbach* Collision/Sinks, Fog, near Tangier Island, VA¹⁸⁸⁵ -- 16
 876. 1913 -- Jan 07, *Rosecrans* Grounds, Storm, mouth Columbia Riv., Peacock Spit OR--30-36
 877. 1913 -- Jan 09, *Jas. T. Staples* Boiler Explosion, Tombigbee River, near Mobile, AL-15-16
 878. 1913 -- Mar 07, Harbor/Ship (*Alum Chine*) Dynamite Explosion, Baltimore, MD¹⁸⁸⁶-- 55
 879. 1913 -- Apr 06, Grounded Barque *Mimi* Capsizes during Salvage, Nehalem Spit OR-- 18
 880. 1913 -- May 02, *Concordia* Founders, Tensas River, for Natchez, MS -- 22
 881. 1913 -- Jun 09, Whaler Steamer *A. T. Gifford* leaves New Bedford, MA, Lost -- 15
 882. 1913 -- Jun 28, Raft Ferry Sinks, Drownings, Kiskiminetas River, near Leechburg, PA-- 10
 883. 1913 -- Aug 17, Steamer *State of California* hits rock, Gambier Bay, Admiralty Is. AK--31-32
 884. 1913 -- Nov 7-10, 12 US Boats Lost, Great Lakes Blizzard, “The Big Blow”¹⁸⁸⁷ --200-300
 885. 1913 -- Dec 26, Barges *A.G. Ropes & Undaunted* Founder, off Barnegat, NJ -- 10
886. 1914 -- Jan 04, Steamer *Oklahoma* breaks-up/sinks/rough sea, off Sandy Hook, NJ --26-32
 887. 1914 -- Jan 30, Steamers *Monroe & Nantucket* Collide, fog off Hog Island, VA¹⁸⁸⁸ -- 41
 888. 1914 -- Apr 28, Storm, Steamer *Benj. Noble* Founders, Lake Sup., ~Knife Is. MN --16-22
 889. 1914 -- May 11, Steamer *Jefferson* Boiler Scalding,, Norfolk, VA to NYC -- 11
 890. 1914 -- May ~15, Steamer *F.J. Luckenbach*, FL to Baltimore, Lost off Coast of SC?-- 29
 891. 1914 -- Aug 26, *Admiral Sampson* Collision, Fog, Puget Sound, Point No Pt., WA -- 12
 892. 1914 -- Sep 18, Storm, Steamer *Francis H. Leggett* Founders, off Coast OR -- 65
 893. 1914 -- Oct 31, Schooner *Lizzie Lee* leaves New Bedford MA for Cape Verde, Lost -- 11
 894. 1914 -- Nov 19, Storm, Steamer *C.F. Curtis*/two Barges Sink ~Grand Marais, MI --27-28
 895. 1914 -- Nov 23, Steamer *Hanalei* Grounds, Duxbury Reef, near San Francisco, CA -- 23

¹⁸⁸⁴ Of the 1,517 fatalities, 119 were U.S. citizens. The Titanic was headed for New York. (J.R. Henderson)

¹⁸⁸⁵ Cross-listed in Fog as a Contributing Condition.

¹⁸⁸⁶ Cross-listed in Explosions.

¹⁸⁸⁷ Cross-listed in Winter Storms.

¹⁸⁸⁸ Cross-listed in Fog as a Contributing Condition.

896.	1915 -- Jan 24-5, Sch. Yacht <i>Idler</i> Grounds, Diamond Shoals, ~Cape Hatteras, NC	--12-15
897.	1915 -- Mar 25, USN Submarine <i>Skate</i> (F-4) Sinks, near Honolulu Harbor, HI	-- 21
898.	1915 -- Apr 03, Storm, <i>Cumberland</i> , 2 Barges Wreck, Cape Henlopen, DE	-- 10
899.	1915 -- Apr 03, Steamer <i>Edward Luckenbach</i> Founders, False Capes, VA	-- 15
900.	1915 -- Apr 03, Steamer <i>Prinz Maurits</i> Wrecks, off Cape Hatteras, NC	-- 49
901.	1915 -- Apr 05, Gale, Schooner <i>John B. Manning</i> found bottom-up 20m N, Hatteras NC-10	
902.	1915 -- May 07, RMS <i>Lusitania</i> Torpedoed, German Sub (1,198 killed) ¹⁸⁸⁹	-- 128
903.	1915 -- Jul 24, <i>Eastland</i> Passenger Ship overloaded, Capsizes, Chicago, IL	--812-852
904.	1915--Aug 14-15, United Fruit Co. Steamer <i>Marowijne</i> Sinks, Hurricane, Gulf of Mx.-87-98	
905.	1915 -- Aug 16-17, Dredgeboat <i>Sam Houston</i> Grounds, Hurricane, Highland, TX ¹⁸⁹⁰	-- 50
906.	1915 -- Aug 16-17, U.S. Dredger <i>San Bernardo</i> Grounds, Hurricane ~Galveston ¹⁸⁹¹	-- 19
907.	1915 -- ~Aug 22, Boston Schooner <i>Maude Palmer</i> Sinks, Gulf of Mexico	-- 11
908.	1915 -- Nov 2, Steamer <i>Santa Clara</i> Grounds, Coos Bay Bar, OR	--12-15
909.	1915 -- Nov 03, Steamer <i>Orteantan</i> sails from NY, NY, not heard from again	-- 36

MARITIME Disasters – **Master Set** -- Deadliest American -- **CHRONOLOGICAL** (Cont.)

910.	1916 -- Freight Steamer <i>Frederick</i> Lost at Sea, North Atlantic	-- 33
911.	1916 -- Jan 04, Gas Fumes Explos., Oil Tank Steamer <i>Aztec Norge</i> , Erie Basin, NY	-- 13
912.	1916 -- Jan 5, <i>Kanawha</i> , in storm hits tower, Capsizes, OH Ri. ~Parkersburg, WV	-- 16
913.	1916 -- Feb 02, Steamer <i>Sam Brown</i> Boiler Explosion, Huntington, WV	-- 11
914.	1916 -- Apr 07, Schooner <i>Bertha L. Barker</i> Lost, out of New York, NY	-- 13
915.	1916 -- May 08, Steamer <i>Kirby</i> Sinks, Lake Superior Storm, near Eagle Harbor, MI	--20-21
916.	1916 -- May 09, Steamer <i>Roanoke</i> Founders off Point Buchon, CA	--45-47
917.	1916 -- June 5, Tornado, Packet-boat <i>Eleanore</i> Capsizes, MS River ~Memphis, TN	--12-30
918.	1916 -- July 14, <i>Ramos</i> Founders, from Philly PA to Cartagena, Columbia	-- 11
919.	1916 -- July 17, Steamer <i>C.W. Morse</i> leaves NY, NY, not heard from again	-- 25
920.	1916 -- Aug 16, <i>Admiral Clark</i> Founders, Storm, off San Antonio, TX	-- 20
921.	1916 -- Aug 29, Cruiser USS <i>Memphis</i> driven to shore by Giant Waves, Dom. Rep.	-- 41
922.	1916 -- Oct 20-21, <i>Merida, D.L. Flyer, James B. Colgate</i> Sink, Storm, Lake Erie	--54-59
923.	1916 -- Dec 26, Steamer <i>Orleanian</i> Founders in Storm, Atlantic, out of NYC	-- 36
924.	1916 -- Dec 26, Steamer <i>Maryland</i> Lost, Atlantic, 300 miles off NY	--26-34
925.	1917 -- March 6, Ship <i>Timandra</i> Lost after leaving Norfolk, VA	-- 19
926.	1917 -- March 16, <i>Vigilancia</i> torpedoed by German Sub (NY to Archangel)	-- 15
927.	1917 -- March 21, Steamer <i>Healdton</i> Torpedoed, German Sub, North Sea ¹⁸⁹²	-- 19
928.	1917 -- April 1, U.S. Steamer <i>Aztec</i> Hit by German Torpedo, off France	-- 29
929.	1917 -- Jun 30, <i>Christopher Columbus</i> hits wharf/water-tank falls, Milwke. Riv. WI	--15-18
930.	1917 -- Sep 03, Bark <i>Alice Knowles</i> Founders 200 Miles Northeast of Bermuda	-- 31
931.	1917 -- Sep 5, Whaling Brig <i>Viola</i> sails, not seen again, out of New Bedford, MA	-- 19
932.	1917 -- Dec 08, <i>Eugene F. Moran</i> Founders, Storm, off Atlantic City, NJ	-- 13
933.	1917 -- Dec 17, USN Sub <i>F-1</i> Collides with <i>F-3</i> , Sinks off Coast of San Diego CA	-- 19

¹⁸⁸⁹ Though a British boat, 128 U.S. citizens were killed; considered a disaster at the time.

¹⁸⁹⁰ Cross-listed in Hurricanes as a subset. There were 275-352 total fatalities.

¹⁸⁹¹ Cross-listed in Hurricane as a maritime subset.

¹⁸⁹² U.S. was not at war at the time. Congress declared war on April 6, 1917.

MARITIME Disasters – **Master Set** -- **Deadliest American** -- **CHRONOLOGICAL** (Cont.)

934.	1918 -- Feb 26, US Naval Tug, <i>Cherokee</i> , Founders, Storm, Del. Capes, DE	--	30
935.	1918 -- Mar 04, Last sighting of Collier USS <i>Cyclops</i> , off Barbados, Caribbean	--	306
936.	1918 -- Mar 19, Tug <i>W.A. Bisso</i> , Sinks in Collision near New Orleans, LA	--	13
937.	1918 -- Apr 05, Ship <i>Avon</i> Departs NY, NY, not heard from again, presumed lost	--	17
938.	1918 -- May 01, Steamship <i>City of Athens</i> Sinks in Collision off Coast of DE	--	67
939.	1918 -- Jun 02, Lifeboat from <i>Carolina</i> (sunk by U-151) Capsizes, Storm, off NJ	--	16
940.	1918 -- Jul 03, Whaler Schooner <i>Pedro Varela</i> Lost after departs New Bedford MA	--	16
941.	1918 -- Jul 05, Steamer <i>Columbia</i> Snags/Sinks, Fog, IL Riv., Wesley City, Pekin IL-87-89		
942.	1918 -- Aug 27, USS <i>SC-209</i> Sub Chaser Sunk by USCG, so. of Long Island, NY	--17-18	
943.	1918 -- Sep 17, Storm, Cal. Steamer <i>San Gabriel</i> Founders off Cape Lucas, Mexico	--	20
944.	1918 -- Sep 20-Oct 2, Navy Transport <i>America</i> , Flu Outbreak, Atlantic/France	--	55
945.	1918 -- Sep 29-Oct, Navy Transport <i>Leviathan</i> , Influenza Epidemic, Atlantic Ocean	--	91
946.	1918 -- Oct (early) Navy Transport <i>Siboney</i> , Influenza Epidemic, Atlantic Ocean	--	38
947.	1918 -- Oct 03, <i>Lake City</i> & <i>James McGee</i> Collide, American Shoal Light, FL	--	30
948.	1918 -- Oct 04, Steamer <i>San Sabo</i> strikes mine, 15 miles SW of Barnegat, NJ ¹⁸⁹³	--	30
949.	1918 -- Oct 4/5, Collier USS <i>Herman Frasch</i> Collision (<i>Henry</i>) ~Cape Sable NS	--17-25	
950.	1918 -- Oct 06, US Steamer <i>Dumar</i> hit by Lightning, Burns, 22M west of Guam ¹⁸⁹⁴	--	19
951.	1918 -- Oct 16, Steamer <i>Dumar</i> Fire,, Pacific Ocean, 22 miles off Guam	--	18
952.	1918 -- Oct 25, <i>Princess Sophia</i> (Can.) Strands, Vanderbilt Reef ~Juneau AK ¹⁸⁹⁵	--333-360	
953.	1918 -- Fall/Winter, Cruiser <i>Pittsburgh</i> , Influenza Epidemic, Rio de Janeiro Brazil	--	58
954.	1918 -- Dec 03, <i>Manola</i> Founders, Storm, Lake Ontario near Duck Island, Canada	--	11
955.	1918 -- Dec 19, Standard Oil Tanker <i>George Loomis</i> founders ~Blunts Reef Light CA	--	18
956.	1919 -- Jan 10, Steamer <i>Yuna</i> Grounds, Monchoir Bank, Bahamas	--	64
957.	1919 -- Jan 15, Whaling Schooner <i>Ellen A. Swift</i> Leaves New Bedford, MA, Lost	--	14
958.	1919 -- Mar ~28, Boston Tug <i>Charles W. Parker, Jr</i> , Norfolk to Boston, Storm/Lost	--	17
959.	1919 -- Apr 28 U.S. Navy Launch Hits Log, Capsizes, Hudson River, NY, NY	--	13
960.	1919 -- May 23, Steamer <i>Virginia</i> Fire ~Potomac Ri. mouth, Chesapeake Bay, MD	--	6-15
961.	1919 -- July 04, Pleasure Steamer <i>Reliance</i> Snags and Sinks, Lake Madison, SD	--15-16	
962.	1919 -- July 25, Springfield Boys' Club Boat Capsizes, Big Pond, East Otis, MA	--	11
963.	1919 -- Sep 9-10, Hurricane, <i>Corydon</i> , <i>Grampus</i> , <i>Larimer</i> , <i>Lake Conway</i> , <i>Munisla</i> lost	127	
964.	1919 -- Oct 28, Steamer <i>Muskegon</i> Hits Pier in Storm, Muskegon Harbor, MI	--	29
965.	1919 -- Nov 7-9, Baltimore MD Steamer <i>Polar Land</i> founders off Scatarie Isl. NS	--	51
966.	1919 -- Nov 11, <i>John Owen</i> Founders, Lake Superior, Out of Duluth, MN	--	22
967.	1919 -- Nov 19-Dec, Providence, RI Schooner <i>T.W. Allan</i> Founders, Bay of Fundy	--	26
968.	1919 -- Nov 22, Steamer <i>Myron</i> Founders in Lake Sup. Gale off Whitefish Point, MI	16-18	
969.	1919 -- Dec 17, Schooner <i>Sunbeam</i> Wrecks (Grounds), off Currituck, NC	--	18
970.	1919 -- Dec 18, Steamer <i>J.A. Chanslor</i> Hits Rocks, Wrecks, off Cape Blanco, OR	--	38
971.	1919 -- Dec 26, Schooner <i>Eleanor A. Percy</i> Founders off coast of Ireland	--	13

¹⁸⁹³ Cross-listed in Violence-Attack.

¹⁸⁹⁴ Cross-listed in Lightning.

¹⁸⁹⁵ Listed herein in that more than ten U.S. citizens died, as well as because the disaster was in U.S. territory.

972.	1920 -- Jan 26, Steamer <i>Mielero</i> Sinks in Storm off Coast of FL	--	22
973.	1920 -- Jan 29, Steamer <i>Samuel Faunce</i> lost, Wilmington, NC to Key West FL ¹⁸⁹⁶	--	13
974.	1920 -- Feb 01, Steamer <i>Fortune</i> Lost off Jekyl Island, GA	--	13
975.	1920 -- Feb 06, Steamer <i>Polias</i> , Snowstm., hits Old Cilley Ledge, Penobscot Bay, ME--		11
976.	1920 -- Feb 19, Schooner <i>Henry W. Cramp</i> Lost, Norfolk VA to Dominican Rep.	--	10
977.	1920 -- Feb 29, Steamer <i>Cubadist</i> Lost from Cuba to Baltimore, MD	--	37
978.	1920 -- Apr 18, Steamer <i>William O'Brien</i> out of NYC, Lost in Storm, Atlantic	--	40
979.	1920 -- Aug 20, <i>Superior City</i> Hit/Sinks, Lake Superior, Whitefish Bay, WI	--	29
980.	1920 -- Oct 29, Schooner <i>Cape Fear & City of Atlanta</i> Collide, Narragansett Bay RI--		19
981.	1920 -- Nov 18, Motorboat fire, Lumbermen drownings, Chesuncook Lake, ME	--	16
982.	1920 -- Nov 24, <i>Barge W. J. Pirrie</i> , Hits Rocks, Sinks, off Coast of WA	--	20

MARITIME Disasters – **Master Set** -- **Deadliest American** -- **CHRONOLOGICAL** (Cont.)

983.	1921 -- Jan 20, Steamer <i>Hewitt</i> Lost, sailed from Sabine TX for Boston, MA	--	42
984.	1921 -- Jan 31, Schooner <i>Carroll A. Deering</i> , Grounds, Diamond Shoals, NC	--	11
985.	1921 -- Feb 26, USN Destroyer <i>Woolsey</i> hit by <i>Steel Inventor</i> , Sinks, Panama	--	16
986.	1921 -- Mar 21, Ocean-going Tug USS <i>Conestoga</i> leaves Mare Island, CA, Lost	--	56
987.	1921 -- Aug 06, Steamer <i>Alaska</i> Grounds off Blunts Reef, CA	--	42
988.	1921 -- Oct 24, Last com. with Oil Tanker <i>Santa Rita</i> , New Orleans to Italy, Lost	--	35
989.	1921 -- Oct 30, House of David Schooner <i>Rosa Belle</i> Founders, Storm, mid-Lake MI--		11
990.	1921 -- Oct 30, Two Hilton Fishing Co. Boats Capsize, off Anglesea, NJ	--	11
991.	1921 -- Nov 21, Tug <i>Sea Eagle</i> hit by large wave in storm, Capsizes, ~Yaquina, OR--		9-10
992.	1923 -- Feb 20, <i>Alta</i> Sails from San Pedro, CA for Bellingham, WA, Lost	--	15
993.	1923 -- Apr 6, Steamer <i>John Dwight</i> sinks, suspected rum runner, Vineyard Sound, MA--		8-10
994.	1923 -- Sep 08, US Navy Ships (7) Run Aground, Fog, Honda Point, CA	--	23
995.	1923 -- Dec 05, Steamer <i>T.W. Lake</i> Lost in Storm, near San Juan Islands, WA	--	13-14
996.	1924 -- Mar 11, Ward Line Steamer <i>Santiago</i> Wrecks, off Hatteras, NC	--	25-35
997.	1924 -- Mar 11/12, Maine Schooner <i>Wyoming</i> sinks in blizzard off Chatham, MA	--	13-18
998.	1924 -- Jun 12, Battleship USS <i>Mississippi</i> Gun Turret Cordite Fire off San Pedro CA--		48
999.	1924 -- July 05, Ship <i>Three Rivers</i> Fire, Chesapeake Bay, Cove Point, MD	--	10
1000.	1924 -- Aug 26~, Three MA fishing schooners lost, probably in gale, Georges Bank--		17
1001.	1924 -- Sep 22, Steamer <i>Clifton</i> Lost, Lake Huron, off Coast of MI	--	28
1002.	1924 -- Oct 20, USS <i>Trenton</i> Gun Turret Powder Bag Explosion, off Norfolk, VA	--	14
1003.	1924 -- Nov 15, Rum Runner tug <i>William Maloney</i> Founders, storm, Newport, RI	--	11-12
1004.	1925 -- May 8, US Steamer <i>M.E. Norman</i> Capsizes/Sinks, MS Riv., Coahoma, MS	--	23
1005.	1925 -- June 28, Gloucester, MA fishing Sch. <i>Rex</i> sunk by Liner off 200M E of N.S.--		15
1006.	1925 -- Aug 18, Steamer <i>Mackinac</i> Boiler Explosion, Narragansett Bay, RI	--	47-55
1007.	1925 -- Sep 25, Sub USS <i>S-51</i> hit by <i>City of Rome</i> , Sinks, Block Island, RI	--	33
1008.	1926 -- Apr 08, <i>Silvanns & Thomas H. Wheeler</i> Collide, Pointe A La Hache, LA	--	35
1009.	1926 -- Apr 11, Tanker <i>Gulf of Venezuela</i> Explosion, Port Arthur, TX	--	26

¹⁸⁹⁶ I assume that the *Fortune* and *Samuel Faunce* events refer to same event and that one of the sources is wrong.

1010. 1926 -- Nov 19, Oil tanker *Mantilla* explos., Bethlehem Steel drydock, Sparrows Point, MD¹⁸⁹⁷ 18
 1011. 1926 -- Dec 20, Motor Launch *Linseed King* hits Ice, Sinks, Hudson River, NYC --35-58

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

1012. 1927 -- Jan 11, Storm, Collier *John Tracy* Sinks off Highland Light, Truro, MA --26-27
 1013. 1927 -- Apr 08, Gloucester, MA fishing schooner *Commonwealth* burns, N.S. coast -- 12
 1014. 1927 -- July 08, Boat with Miss. River Flood Evacuees Overturns, Port Barre, LA -- 11
 1015. 1927 -- July 28, Passenger Vessel *Favorite* Sinks in Storm, Chicago, IL -- 27
 1016. 1927 -- Aug 24~, Gloucester, MA Sch. *Columbia* Lost, Gale, off Sable Island, NS -- 23
 1017. 1927 -- Oct 29, *President Wilson* Hits Gloucester Fisher *Avalon*, Fog, Cape Cod, MA¹⁸⁹⁸ 20
 1018. 1927 -- Dec 17, Sub *USS S-4* struck by USCG *Paulding* near Provincetown, MA -- 40
1019. 1928 -- May 07, US Army dredge *Navesink* hits *Swinburne*, sinks ~Stapleton, NY --17-18
 1020. 1928 -- Aug 09, *William A. McKenney*, Storm/Drownings, Coast of CA -- 14
1021. 1929 --~Jan 13 , Fishing Trawler *Seiner* Lost, Georges Bank, out of New London, CT-- 21
 1022. 1929 -- Aug 29/30, Steamer *San Juan* hit by *S.C.T. Dodd*, sinks off Pigeon Pt. CA --71-78
 1023. 1929 -- Sep 9/10, *Andaste* Sinks, Lakes MI Storm 14 miles west off Holland, MI -- 25
 1024. 1929 -- Oct 22, Rail Car Carrier *Milwaukee* Sinks, Lake MI Storm ~Kenosha, WI --46-52
 1025. 1929 -- Oct 29, Steamer *S. S. Wisconsin* Sinks off Kenosha, WI, Lake MI Storm -- 9-16
1026. 1930 -- Jan 28, *Edgar F. Coney* Sinks/Storm, Gulf of Mex. ~70m off Sabine Pass TX-- 14
 1027. 1930 -- Apr 24, Long Island Sound Freighter *Thames* Burns, ~Captains Island, CT -- 16
 1028. 1930 -- Jun 10, Fog/Collision/Fire, *Fairfax*/Oil Tanker *Pinthis*, off Scituate, MA¹⁸⁹⁹--45-47
 1029. 1930 -- Jul 29, Sandsucker *George Whelan* Capsizes/Sinks, Dunkirk, NY -- 15
 1030. 1930 -- Sep 01, Seattle Sch. *Orient* Collides with *Admiral Nelson*, ~Vancouver Isl., BC--10
 1031. 1930 -- Sep 16/17, SF CA Schooner *South Coast* Sinks, OR Coast, ~Cape Blanco --18-19
 1032. 1930 -- Nov 8, Lumber Schooner *Brooklyn* Founders, Humboldt Bar, Eureka, CA -- 18
1033. 1932 -- Feb 04, Oil Tanker *Bidwell* Explosion,, Marcus Hook, PA -- 18
 1034. 1932 -- Feb 05, Boston Sch. *Eleanor Nickerson* hit/sinks off SE of Cape Sable, N.S.-- 21
 1035. 1932 -- Sep 09, Explosion & Fire, Steam Screw *Observation*, East River, NY -- 72
 1036. 1932 -- Sep 27, Steamer *Nevada* hits rock off Aleutian Island Amatignak, AK -- 34
1037. 1933 -- Jan 24, Storm, Diesel *Umnak Native* strands, Inanudak Bay, Umnak Isl., AK-- 11
1038. 1934 -- Jun 12, Tuna Clipper *Belle Isle* Sails from San Diego, CA, Lost at Sea -- 12
 1039. 1934 -- Sep 08, S.S. *Morro-Castle* Ship Fire, off Coast of Sea Girt, NJ --126-137
 1040. 1934 -- Nov 9, Schooner *John R. Manta* lost after sailing from Providence, RI -- 31
1041. 1935 -- Jan 25, Liner SS *Mohawk*/Freighter *Talisman* Collision, off NJ/NY -- 46

¹⁸⁹⁷ Cross-listed in Explosions.

¹⁸⁹⁸ Cross-listed in Fog as Contributing Factor.

¹⁸⁹⁹ Cross-listed in Fog as a Contributing Condition.

1042. 1936 -- Jan 12, Steamer SS *Iowa* Grounds/Sinks, Heavy Sea, Peacock Spit, WA -- 34
 1043. 1936 -- June 19, Outboard Motor Boat Capsizes, Children Drown, Lake Gardner, ME--12
 1044. 1936 -- Oct 17, *Sand Merchant* Capsizes, Lake Erie Storm, off Avon Point, OH -- 19

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

1045. 1937 -- Jan 30, WPA Worker Barge Sinks, Birds Pt./New Madrid Spillway, MO --26-30
 1046. 1939 – Salmon boat *Oduna* sinks off Noyes Island, AK -- 12
 1047. 1939 -- May 23, Submarine *Squalus*, Sinks 16 miles off Portsmouth, NH --26-27
 1048. 1940 -- Nov 11-12, *Anna Minch*, others lost, Armistice Day Storm, Lake MI -- 34
 1049. 1941 -- Jan 21, *Mary E. O'Hara* & barge collide, entrance to Boston Harbor, MA --18-20
 1050. 1941 -- Mar 24, Steamer *Cities Service Denver* Explosion/Fire, off NC/SC coast --19-20
 1051. 1941 -- June 19, USS *0-9* (SS-70) Lost, Deep Submerge. Test off Isle of Shoals, NH-- 33
 1052. 1941 -- June 29, Cabin Cruiser *Don* Explodes and Burns off Bailey Island, ME -- 37
 1053. 1941-Aug 18, Fire, Pier 27, spreads to Freighter *Panuco*, burns/sinks, Brooklyn NY-34-35
 1054. 1941 -- Oct 17, USS *Kearny* Torpedoed by German Submarine, off Iceland¹⁹⁰⁰ -- 11
 1055. 1941 -- Oct 31, USS *Reuben James* Sunk, German Submarine, near Iceland¹⁹⁰¹ -- 115
 1056. 1941 -- Dec 10, *Oregon* Collision with USN Boat, Sinks off Nantucket, MA -- 17
 1057. 1942 -- Jan 08, Army's *General Richard Arnold* Sinks off Isles of Shoals, NH -- 10
 1058. 1942 -- Jan 24, USS *S-26* Accidentally rammed/sunk by PC-460, Gulf of Panama -- 46
 1059. 1942 -- Feb 18, USS *Truston* and USS *Pollux* run aground, storm, Placentia Bay NFL-204
 1060. 1942 -- Feb 22, Towboat *G. W. McBride* hits bridge pier, sinks, Ohio R., Cincinnati-- 16
 1061. 1942 -- Dec 2, Navy boat capsizes (shore-leave sailors); Narragansett Bay ~Jamestown, RI--15
 1062. 1942 -- Dec 2, Tug *Admiral* Sinks, Lake Erie Storm, off Avon Pt., Cleveland, OH -- 14
 1063. 1942 -- Dec 3, *Cleveco* Tanker/Barge Sinks, Lake Erie Blizzard ~Euclid, OH -- 22
 1064. 1942 -- Dec 31, *Maiden Creek* Founders/Sinks, Storm, off South Long Island, NY -- 20
 1065. 1943 -- Jan 12, USN Destroyer *Worden* hits rock/sinks, off Amchitka Island, AK -- 14
 1066. 1943 -- Feb 20, USN Minesweeper *YMS-133* Capsizes, off Coos Bay, OR -- 18
 1067. 1943 -- Apr 19, Cabin Cruiser *Legionnaire* Sinks, South Bay, off Long Island, NY -- 10
 1068. 1943 -- Jun 01, MM *John Morgan* & Tanker *Montana* Collide, Cape Henry, VA -- 86
 1069. 1943 -- Jun 12, U.S. Navy Submarine *R-12* Sinks Accidentally, Lower FL Keys -- 42
 1070. 1943 -- Oct 21, Collision, Tankers *GulfBelle* & *GulfLand*, near Lake Worth Inlet, FL-- 88
 1071. 1943 -- Nov 21, Tanker *Altair* hit by *Bostonian*, Fog, off Cape Henlopen, DE¹⁹⁰² -- 20
 1072. 1943 -- Nov 24/25, *John P. Gaines* breaks-up, storm, 40M S of Cherikoff Isl, AK --10-11
 1073. 1944 -- Jan 03, USS *Turner*, Ammunition Explosions, Sinks, NY Harbor, NY -- 138
 1074. 1944 -- Jan 06, USS *St. Augustine* & *Camas Meadows* Collide off Cape May, NJ -- 115
 1075. 1944 -- Mar 16, Assault Boat Training Drownings, Lakewood, ~Camp Robinson, AR-- 11

¹⁹⁰⁰ Cross-listed in Violence (Attack). This was before Pearl Harbor and U.S. declarations of war.

¹⁹⁰¹ Cross-listed in Violence (Attack) – Member of Neutrality Patrol, prior to Pearl Harbor, declarations of war.

¹⁹⁰² Cross-listed in Fog as Contributing Factor.

1076. 1944 -- Apr 27, *Ashcroft* Rams *James H. Reed*, Lake Erie Fog, OH¹⁹⁰³ -- 12
 1077. 1944 -- May 11, Explos. Ammo dump at sea, Hingham Depot boat, ~Boston Harbor, MA¹⁹⁰⁴-17
 1078. 1944 -- May 14-21, Heavy seas, sleeping Marines in LCT pitched overboard off *LST-485*, HI-19
 1079. 1944 -- July 17, Munitions Ships Explode while loading, Port Chicago, CA¹⁹⁰⁵ --320-325
 1080. 1944 -- Sep 12, USN Minesweeper *YMS 409* Sinks, Hurricane, off Cape Hatteras NC¹⁹⁰⁶ --32-33
 1081. 1944 -- Sep 13, USS *Warrington* Sinks, Hurricane, off coast of FL¹⁹⁰⁷ --247-248
 1082. 1944 -- Sep 14, USCG Cutter *Bedloe* Sinks Hurricane, off Hatteras, NC¹⁹⁰⁸ -- 26
 1083. 1944 -- Sep 14, USCG Cutter *Jackson* Sinks Hurricane, off Hatteras, NC¹⁹⁰⁹ --21-22
 1084. 1944 -- Sep 15, USCG Lightship *LS-73* Sinks, Hurricane, off coast of MA -- 12
 1085. 1944 -- Oct 21, USN LSMs 211/212 Explosion/Fire, Berth 223, LA Harbor, CA¹⁹¹⁰-- 16
 1086. 1944 -- Apr 19, U.S. Liberty Ship *John Straub* Explodes/Sinks off Sanak Island, AK-- 55
 1087. 1944 -- Dec 18, Navy Task Force 38, Typhoon, 3 ships capsized off Philippines -- ~790

MARITIME Disasters – Master Set -- Deadliest American – CHRONOLOGICAL (Cont.)

1088. 1945 -- Jan 02, Sun Oil Tanker *Sunoco* Fire/Explosion, off Sandy Hook, NJ -- 10
 1089. 1945 -- Jan 21, USN Plane Bombs Explode USS *Hancock* landing, South China Sea-- 62
 1090. 1945 -- Feb 5, Tanker *Spring Hill* hit/explos./fire, off Stapleton, Staten Island, NY --19-20
 1091. 1945 -- May 5, Civilian US Steamer *Black Point* Torpedoed, off Point Judith, RI¹⁹¹¹-- 12

 1092. 1946 -- Feb 04, AK Steamship *Yukon* hits rocks off Johnstone Bay, SE of Seward, AK--11

 1093. 1947 -- Jan 09, Boston Fishing Trawler *Belle* Goes Missing off Northeast Coast -- 17
 1094. 1947 -- Mar 12, Tanker *Fort Dearborn*, San Fran. to Shanghai, breaks up, gale, Pacific- 12
 1095. 1947 -- Apr 16-17, Ammonium Nitrate Explos., *Grandcamp*, Texas City, TX¹⁹¹²-581-600
 1096. 1947 -- June 22, Tankship *Markay* Petrol. Prod. Loading Vapor Explos., LA CA¹⁹¹³-10-12
 1097. 1947 -- Sep 9, Fuel Tanks Explode, Fire, *Island Queen* Steamboat, Pittsburgh, PA -- 19
 1098. 1947 -- Nov 24, storm, Army transport *Clarksdale Victory* grounds, Hippa Isl., BC¹⁹¹⁴-- 49

 1099. 1948 -- May 31, USN Carrier *Kearsarge* Launch Swamped, Hampton Roads, VA --30-32

 1100. 1950 -- Aug 25, Hosp. Ship *Benevolence* hit/sunk/fog, *M. Luckenbach* ~SF CA¹⁹¹⁵ --18-23
 1101. 1950 -- Dec 18, Tug *Sachem* Sinks, Lake Erie, off Dunkirk, NY -- 12

 1102. 1951 -- Jan 15, Boston, MA fishing trawler *Gudrun* lost off Newfoundland -- 17

¹⁹⁰³ Cross-listed in Fog as Contributing Factor.

¹⁹⁰⁴ Cross-listed in Explosions.

¹⁹⁰⁵ Cross-listed in Explosions.

¹⁹⁰⁶ Cross-listed in Hurricane. Fatalities are part of the 390-412 attributed to the “Great Atlantic Hurricane of 1944.”

¹⁹⁰⁷ Cross-listed in Hurricane. Fatalities are part of the 390-412 attributed to the “Great Atlantic Hurricane of 1944.”

¹⁹⁰⁸ Cross-listed in Hurricane. Fatalities are part of the 390-412 attributed to the “Great Atlantic Hurricane of 1944.”

¹⁹⁰⁹ Cross-listed in Hurricane. Fatalities are part of the 390-412 attributed to the “Great Atlantic Hurricane of 1944.”

¹⁹¹⁰ Cross-listed in Explosions.

¹⁹¹¹ Cross-listed in Violence-Attack

¹⁹¹² Cross-listed in Explosions and in Fire.

¹⁹¹³ Cross-listed under Explosions.

¹⁹¹⁴ Part of Canadian Graham Island group just south of southern point of Alaska’s Alexander Archipelago.

¹⁹¹⁵ Cross-listed in Fog as a Contributing Condition.

1103. 1951 -- Apr 20, Esso *Greensboro* & Esso *Suez* Collide in Fog, Gulf of Mexico¹⁹¹⁶ -- 39
 1104. 1951 -- May 14, Collis./Fire USS *Valcour* & *Thomas Tracy* off Cape Henry VA -- 36
 1105. 1951 -- Sep 01, Deep-Sea Fishing Boat Capsizes off Montauk Pt. , Long Island, NY-37-45

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

1106. 1952 -- Jan 09, SS *Pennsylvania* Founders 665 miles off Cape Flattery, WA -- 46
 1107. 1953 -- May 11 *Henry Steinbrenner* Sinks, Storm, Lake Sup. Near Isle Royale, MI -- 17
 1108. 1953 -- Sep 02, Military Pontoon Raft Capsizes in lake, Fort Bragg, NC -- 20
 1109. 1953 -- Oct 16, Carrier USS *Leyte* explos./fire, S. Boston Naval Yard, Boston, MA --37-39
 1110. 1954 -- May 26, Explosions/Fire, U.S. Carrier *Bennington*, off Quonset Point, RI -- 103
 1111. 1954 -- Aug 31, Fisher *Redstart* breaks-up during Carol, out of New Bedford, MA -- 11
 1112. 1954 -- Oct 07, SS *Mormackite* Founders, off the Virginia Capes, VA -- 37
 1113. 1954 -- Dec 05~, M/V *Southern Districts* Disappears off East Coast -- 23
 1114. 1955 -- Jan 13~, New Bedford MA Fisher *Doris Gertrude* Lost, New England coast-- 11
 1115. 1955 -- Aug 12, Schooner *Levin J. Marvel* founders Chesapeake Bay ~Fairhaven MD-- 14
 1116. 1956 -- Jan 17, Gasoline explos./fire, SS *Salem Maritime*, terminal, Rose Bluff, LA¹⁹¹⁷--21
 1117. 1956 -- July 25, *Andrea Doria* and *Stockholm* collide, Fog off Nantucket Isl., MA¹⁹¹⁸-- 51
 1118. 1957 -- Jan 29, Tanker SS *Jeanny* Vapor Explosion, Shipyard, Alameda, CA¹⁹¹⁹ -- 10
 1119. 1957 - Mar 6, Navy Tanker *Mission San Francisco* & *Elna II* collis./explo., Del Ri., DE¹⁹²⁰-10
 1120. 1957 -- Jun 27, Hurricane Audrey, fishing schooner *Keturah* down off Galveston coast-- 9
 1121. 1958 -- Aug 07, Tanker *Gulfoil* & *S.E. Graham* Collision/Fog,, off Bull Point, RI¹⁹²¹-- 18
 1122. 1958 -- Nov 18, Mich. Freighter *Carl D. Bradley* Sinks in Lake Mich. Storm, MI -- 33
 1123. 1959 -- Nov 27, MV *National Pride* Capsizes, off Coast of TX, near Galveston -- 11
 1124. 1960 -- July 19, USN destroyers *Ammen* & *Collett* Collide, Fog ~Newport Beach, CA¹⁹²²11
 1125. 1960 -- Oct 22, *Alcoa Corsair* Collision, Mouth of Mississippi River, LA -- 10
 1126. 1961 -- Jan 15, Nor'easter, USAF Radar Platform 4 Fails, 75M E. of Barnegat, NJ --27-28
 1127. 1961 -- Nov 07, M/V *Union Reliance* & M/V *Berean* Collide, near Houston, TX -- 12

¹⁹¹⁶ Cross-listed in Fog as a Contributing Factor.

¹⁹¹⁷ Cross-listed in Explosions and in Hazardous Materials Transportation.

¹⁹¹⁸ Cross-listed in Fog as a Contributing Factor. The *Andrea Doria* was an Italian liner and the *Stockholm* was Swedish. Noted herein because the collision occurred in U.S. waters. 46 passengers died on the *Andrea Doria* and 5 sleeping crewmen died on the *Stockholm*.

¹⁹¹⁹ Cross-listed under Explosions

¹⁹²⁰ Cross-listed in Hazardous Materials Transportation.

¹⁹²¹ Cross listed in Fog as Contributing Factor

¹⁹²² Cross-listed in Fog as Contributing Factor.

1128. 1962 -- Aug 18, Overloaded Sunday School boat capsizes, Lake Talquin ~Quincy, FL-- 18
 1129. 1962 -- Oct 20, Collision/Fire, *Boheme* & Barge *Parker*, Miss. River ~Lutcher, LA -- 20
 1130. 1962 -- Nov 15~, New Bedford, MA scalloper *Midnight Sun* lost, Georges Bank -- 11

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

1131. 1963 -- Feb 04, SS *Marine Sulphur Queen* Lost off coast of FL -- 39
 1132. 1963 -- Apr 10, *USS Thresher* Submarine Sinks, Implosion -- 129
 1133. 1964 -- Jun 30, Drilling Barge *C.P. Baker*, Explosion/Fire, Gulf of Mexico -- 22
 1134. 1965 -- May 07, Ships Collide, Fog, *Cedarville* Sinks, Mackinac Straits, MI¹⁹²³ -- 10
 1135. 1965 -- Nov 13, SS *Yarmouth Castle* Fire/Capsize/Sinks, Miami to Nassau, Bahamas-- 90
 1136. 1966 -- Jun 16 (& 28), Collision/Explosions/Fire, *Texaco Mass./Alva Cape*, off NY, NY¹⁹²⁴-- 37
 1137. 1966 -- Nov 29, *Daniel J. Morrell* (Cleveland OH) Breaks-up/Sinks, Lake Huron Stm-- 28
 1138. 1967 -- July 29, *USS Forrestal*, Rocket Explosion and Fire, Gulf of Tonkin ops. -- 134
 1139. 1967 -- Oct 09, SS *Panoceanic Faith* (homeport NY) Founders, North Pacific --36-37
 1140. 1968 -- Mar 16, Collision, SS *African Star* & barge *Intercity No. 11*, MS River, LA-- 21
 1141. 1968 -- Dec 07, USCG *White Alder* & *Helena*, Collis., Head of Passes, MS Riv. LA-- 17
 1142. 1969 -- Jan 14, Explosions and Fire on *USS Enterprise*, off Pearl Harbor, Hawaii -- 28
 1143. 1969 -- Apr 6, *Union Faith* & *Warren J. Doucet* Collide, MS Riv., New Orleans LA-- 25
 1144. 1969 -- May ~31, CA-based Racing Yacht *Goodwill* Wrecks on Reef off Baja, CA -- 9-13
 1145. 1969 -- June 3, *USS Frank E. Evans/Carrier Melbourne* Collision, S. China Sea -- 73
 1146. 1969 -- Dec 26, USN Charter SS *Badger State* Explos./raft hit by falling bomb, N. Pacific-- 26
 1147. 1971 -- Mar 27, SS *Texaco Oklahoma* Breaks-up, Sinks, off Cape Hatteras, NC -- 36
 1148. 1972 -- Feb 01, Tanker *V.A. Fogg*, Lightning, Gas Explosion, off Galveston, TX¹⁹²⁵-- 39
 1149. 1972 -- Aug 16, Small boat lost, Wind Storm off Northern CA and Southern OR -- 13
 1150. 1972 -- Nov 7, Freighter Hits Sidney Lanier Bridge, Span Collapse, Brunswick GA¹⁹²⁶--10
 1151. 1973 -- May 19, Fishing Boat *Comet* Founders off Point Judith, RI -- 16
 1152. 1973 -- Jun 02, *Sea Witch/Esso Brussels* Collision/Explosion,, NY Harbor, NY -- 16
 1153. 1974 -- Jan 18, SS *Baune* and Tanker *Keytrader* Collide, Lower Miss. River, LA -- 16
 1154. 1974 -- Apr 09, Tanker *S.S. Elias*, Explosions, Delaware River, Fort Mifflin, PA -- 13

¹⁹²³ Cross-listed in Fog as contributing condition.

¹⁹²⁴ Thirty-three deaths on June 16 (*Alva Cape*, 19; tug *Esso Vermont*, 8; *Texaco Massachusetts*, 3; and tug *Latin American*, 3) and four more on June 28 while the *Alva Cape* was being unloaded at Gravesend Bay.

¹⁹²⁵ Cross-listed in Lightning and Explosions.

¹⁹²⁶ Cross-listed in Road/Highway and in Structural Collapse/Bridge.

1155. 1975 -- Jan 31, *Edgar M. Queeny & Corinthos* Collide, Marcus Hook, PA -- 29
 1156. 1975 -- May 14, Attack, USS *Mayaguez* Khmer Rouge, Koh Tang Island, Cambodia¹⁹²⁷-16
 1157. 1978 -- June 17, Tornado, Showboat *Whippoorwill* capsized, Pomona Lake, KS¹⁹²⁸ -- 16
 1158. 1975 -- Nov 10, SS *Edmund Fitzgerald* Sinks, Storm, Whitefish Bay, MI -- 29

MARITIME Disasters – Master Set -- Deadliest American -- CHRONOLOGICAL (Cont.)

1159. 1976 -- Apr 15, Oil Platform *Ocean Express* Capsizes, Storm, Gulf of Mex., off TX-- 13
 1160. 1976 -- Oct 20, Tanker *Frosta* hits Ferry *George Prince*, Lower Miss. River, LA -- 77

 1161. 1978 -- Oct 20, USCGC *Cuyahoga & Santa Cruz II* Collide, near Smith Point, VA -- 11
 1162. 1978 -- Dec 9-10, *Holo-Holo* Departs Honolulu, Lost off HI -- 10

 1163. 1979 -- Aug 30, *Inca Tupac Yupanqui* hits barge, explos./fire, MS Riv., Good Hope, LA-12
 1164. 1979 -- Nov 1, tanker *Burmah Agate* collides with freighter *Mimosa*, Galveston, TX-- 32

 1165. 1980 -- Jan 28, collision, tanker *Capricorn & USCGC Blackthorn* (sinks), Tampa Bay, FL-23
 1166. 1980 -- May 9, *Summit Venture* hits Sunshine Skyway Bridge, Collapse, Tampa FL¹⁹²⁹--35
 1167. 1980 -- Oct 24, *SS Poet* leaves Philadelphia for Egypt, lost, probably Oct 25-26 -- 34

 1168. 1981 -- May 26, USN EA-68 Prowler Crash, USS *Nimitz*, off Jacksonville, FL¹⁹³⁰ -- 14
 1169. 1982 -- Feb 15, Storm, *Ocean Ranger* oil rig sinks, Grand Banks, Canada¹⁹³¹ --84 (15 US)
 1170. 1983 -- Feb 12, gale, collier *Marine Electric* (34 crew) capsizes/sinks off Chincoteague, VA31
 1171. 1983 -- Feb 14, Crab boats *Altair & Americus* capsize, *Altair* sinks, Bering Sea ~AK-- 14
 1172. 1984 -- July 7, Microburst, Sternwheel *SCItanic* capsizes, TN Riv., Ditto Landing, AL-- 11
 1173. 1987 -- Feb 5, Fishing vessel *Fish-n-Fool* (LA, CA) capsizes ~Isla De San Martin, MX-10
 1174. 1987 -- May 17, USS *Stark* hit by Iraqi Air Force Mirage missiles, Persian Gulf¹⁹³² -- 37
 1175. 1989 -- Apr 19, *USS Iowa* No. 2 Turret Explosion, Near Puerto Rico -- 47
 1176. 1989 -- July 31, *Avco 5* Liftboat Capsizes, Hurricane Chantal, off Morgan City, LA-- 13
 1177. 1989 -- Oct 3, F/V *Northumberland* ruptures NG pipeline/explosion/fire ~Sabine Pass, TX¹⁹³³-11

 1178. 1991 -- Oct 28-Nov 1, Perfect Storm Nor'easter, East Coast, *Andrea Gail* Lost -- 6
 1179. 1993 -- Sep 22, Fog, Barge hits bridge, Amtrak train derails into water/fire, ~Mobile AL¹⁹³⁴47
 1180. 1999 -- May 1, *Miss Majestic* DUKW tour boat sinks off St. John's Isl., Lake Hamilton, AR-13

 1181. 2001 -- April 1-2, fishing boat *Arctic Rose* (homeport Seattle, WA) sinks, Bering Sea-- 15
 1182. 2001 -- Sep 15, Barge hits Queen Isabella Causeway, span collapses, Port Isabel, TX-- 8
 1183. 2002 -- May 26, Barge hits Bridge, Span Collapse, Webbers Falls, OK¹⁹³⁵ -- 14

¹⁹²⁷ Cross-listed in Violence (Attack)

¹⁹²⁸ Cross-listed in Tornadoes.

¹⁹²⁹ Cross-listed in Structural Failure, Bridge Collapse and in Road/Highway.

¹⁹³⁰ Cross-listed in Aviation.

¹⁹³¹ Sixty-eight Canadians, one Englishman, and fifteen Americans

¹⁹³² Cross-listed in Violence -- Attacks.

¹⁹³³ Cross-listed in Explosions in that the pipeline the *Northumberland* hit was not where it should have been, under the sea-floor, and the natural gas explosion and resulting fire on the boat led to the loss of life.

¹⁹³⁴ Cross-listed in Fog as a contributing factor and in Rail.

1184. 2003 -- June 14, *Taki-Tooo* fishing charter capsizes crossing bar, Tillamook Bay Inlet, OR-- 11
1185. 2003 -- Oct 15, Ferry *Andrew J. Barberi* hits pier, St George Terminal, Staten Isl. NY-- 11
1186. 2005 -- Oct 02, *Ethan Allen* tour boat capsizes, Lake George, near Cramer Point, NY-- 20

MARITIME Disasters – **Master Set** -- Deadliest American -- **CHRONOLOGICAL** (Cont.)

1187. 2010 -- Apr 20, Drill Rig *Deepwater Horizon* Explosion, Gulf of Mex., ~50m, LA¹⁹³⁶-- 11
1188. 2015 -- Oct 1, U.S. cargo ship *El Faro* sinks / Hurricane Joaquin, off east Bahamas¹⁹³⁷--33
1189. 2017 -- Aug 21, *USS John S. McCain* collision/merchant ship *Alnic MC* ~Singapore-- 10

¹⁹³⁵ Cross-listed under Bridge Failures.

¹⁹³⁶ Cross-listed in Explosions.

¹⁹³⁷ Cross-listed in Hurricanes. There were twenty-eight U.S. nationals and five Polish nationals.

MARITIME Disasters -- Boiler Flue Collapse Subset¹⁹³⁸ -- By FATALITY

1. 1838 -- Apr 21, Steamer *Oronoko* Flue Collapse/Explos., MS River, Princeton, MS--100-130
2. 1886 -- Oct 05, Flue Collapse/Fire, Steamer *La Mascotte*, Neely's Landing, MO -- 34
3. 1852 -- Aug 22, Flue Collapse, *Doctor Franklin No. 2*, Ste. Genevieve, MO -- 32
4. 1846 -- May 24, Steamer *Queen City* Boiler Flue Collapse/Explos., Natchez, MS >10-26
5. 1840 -- Nov 1, 7, 9 or 10, Flue Collapse, Steamer *Persian*, MS Ri., ~Napoleon AR --23-24
6. 1911 -- Jun 24, Flue Collapse, *City of St. Joseph*, MS Riv., Presidents Island, TN -- 22
7. 1843 -- Mar 17, Steamboat *Cutter* Flue Collapse, Pittsburgh, PA -- 15
8. 1850 -- May 07, Flue Collapse, Steamboat *Columbus*, Mississippi River, Island 4 -- 15
9. 1849 -- Jun 09, Flue collapse, Steamboat *Embassy*, Ohio River, Three Mile Bar, KY --10-14
10. 1850-- May 23, Flue Collapse, Steamboat *St. Louis*, Jefferson Barracks, MO --10-12
11. 1852 -- Feb 16, Flues Collapse, *May Queen*, AR Riv., 45m below Little Rock, AR -- 12

Other:

- 1853 -- July 1, Flues Collapse, Steamboat *New World*, New York, NY¹⁹³⁹ -- 8

MARITIME Disasters -- Boiler Flue Collapse Subset --Deadliest Amer. -- Chronological

1. 1838 -- Apr 21, Steamer *Oronoko* Flue Collapse/Explos., Miss. River, Princeton, MS- 50-130
2. 1840 -- Nov 1, 7, 9 or 10, Flue Collapse, Steamer *Persian*, MS Ri., ~Napoleon AR --23-24
3. 1843 -- Mar 17, Steamboat *Cutter* Flue Collapse, Pittsburgh, PA -- 15
4. 1846 -- May 24, Steamer *Queen City* Boiler Flue Collapse/Explos., Natchez, MS >10-26
5. 1849 -- Jun 09, Flue collapse, Steamboat *Embassy*, Ohio River, Three Mile Bar, KY --10-14
6. 1850 -- May 07, Flue Collapse, Steamboat *Columbus*, Mississippi River, Island 4 -- 15
7. 1850-- May 23, Flue Collapse, Steamboat *St. Louis*, Jefferson Barracks, MO --10-12
8. 1852 -- Feb 16, Flues Collapse, *May Queen*, Ark. River, 45m below Little Rock, AR -- 12
9. 1852 -- Aug 22, Flue Collapse, *Doctor Franklin No. 2*, Ste. Genevieve, MO -- 32
1853 -- July 1, Flues Collapse, Steamboat *New World*, New York, NY¹⁹⁴⁰ -- 8
10. 1886 -- Oct 05, Flue Collapse/Fire, Steamer *La Mascotte*, Neely's Landing, MO -- 34
11. 1911 -- Jun 24, Flue Collapse, *City of St. Joseph*, Miss. River, Presidents Island, TN -- 22

¹⁹³⁸ Flues are inside of boilers, and when one or more collapse, hot scalding steam is released. A boiler does not need to explode for this to take place, thus the separation of flue collapse and boiler explosions.

¹⁹³⁹ Included in that this was the first steamboat "accident" to be investigated by the New York Inspectors pursuant to the law of 1852.

¹⁹⁴⁰ Included in that this was the first steamboat "accident" to be investigated by the New York Inspectors pursuant to the law of 1852.

MARITIME Disasters -- **COLLISIONS** Subset – Deadliest American – **By MORTALITY**

1. 1854 -- Sep 27, US Mail *Arctic & Vesta* Collide in Fog, Cape Race, Newfoundland--318-562
2. 1837 -- Oct 31, *Monmouth & Tremont* Collide, MS Riv, Prophet Island Bend, LA --234-400
3. 1860 -- Sep 08, Steamer *Lady Elgin* Collision, Sinks, Lake Mich. off Winnetka, IL --270-400
4. 1852 -- Aug 20, Fog, Collision, *Atlantic Burns/Sinks*, Lake Erie ~Long Point Ont.--100~300
5. 1875 -- Nov 04, Steamship *Pacific* sinks collis. with *Orpheus*, off N. WA Coast --200-300
6. 1856 -- Nov 2, Schooner *Le Lyonnais* Collision, Nantucket Island, MA --120-260
7. 1865 -- Nov 24, *Niagara* Sinks, Collis. with *Post Boy*, MS River ~Prairie Point AR --75-150
8. 1865 -- Aug 09, *Pewabic* collides with *Meteor*, Sinks, Lake Huron, off Alpena, MI --32-125
9. 1912 -- Apr 14, RMS *Titanic* Hits Iceberg/Sinks (1,517 total fatalities¹⁹⁴¹) -- 119
10. 1944 -- Jan 6, USS *St. Augustine & Camas Meadows* Collide off Cape May, NJ -- 115
11. 1847 -- Nov 19, *Talisman* collides *Tempest*, sinks, MS Ri., Cape Girardeau, MO --40-100
12. 1868 -- Dec 4, Steamers *United States & America* collide, OH Riv. ~Warsaw, KY --59- 100
13. 1943 -- Oct 21, Collision, Tankers *GulfBelle & GulfLand* off Lake Worth Inlet FL -- 88
14. 1907 -- July 21, Collision, Steamer *Columbia & San Pedro*, off Shelter Cove, CA --80-86
15. 1943 -- June 1, Collision, MM *John Morgan*, Tanker *Montana*, Cape Henry VA -- 86
16. 1844 -- March 1, Collision, *Buckeye/De Soto* MS River, near Atchafalaya, LA --50-80
17. 1976 -- Oct 20, Tanker *Frosta* hits Ferry *George Prince*, Lower Miss. River, LA -- 77
18. 1862 -- Aug 13, USS *George Peabody & West Point* Collide, Potomac River, VA --70-76
19. 1929 -- Aug 29/30, Steamer *San Juan* Collides with *S.C.T. Dodd*, ~Pigeon Point, CA --71-78
20. 1969 -- June 3, Collision, USS *Frank E. Evans* and Carrier *Melbourne*, S. China Sea -- 73
21. 1872 -- Aug 30, Propeller *Metis* hits Sch. *Nettis Cushing*, sinks off Watch Hill, RI --20-70
22. 1901 -- Aug 14, Steamer *Islander* hits Iceberg, off Douglas Island, near Juneau, AK --42-70
23. 1918 -- May 1, Steamship *City of Athens* Sinks in Collision off Delaware Coast -- 67
24. 1926 -- Dec 20, Motor Launch *Linseed King* hits Ice, Sinks, Hudson River, NYC --35-58
25. 1956 -- July 25, *Andrea Doria* hit (*Stockholm*), Fog off Nantucket Island, Sinks -- 58
26. 1882 -- July 04, *Scioto* sinks, hit by *John Lomas*, OH River, Mingo Junction, OH --56-57
27. 1868 -- Jun 20, Steamer *Morning Star / Cortland* Collide, Lake Erie, ~Avon Pt., OH --25-60
28. 1846 -- Nov 21, Steamers Collide, *Maria* Sinks, Miss. River, near Natchez, MS --30-50
29. 1859 -- Mar 28, Collis. Steamers *Nathaniel Holmes / David Gibson*, Petersburg, KY --15-50
30. 1880 -- Jun 11, Steamer *Narragansett* Hit/Burns/Sinks, Fog, off Saybrook CT¹⁹⁴² --27-50
31. 1930 -- Jun 10, Fog/Collision/Fire, *Fairfax/Oil Tanker Pinthis*, off Scituate, MA¹⁹⁴³ --45-47
32. 1993 -- Sep 22, Fog, Barge hits bridge, Amtrak train derailed into water/fire, ~Mobile, AL¹⁹⁴⁴ -- 47
33. 1935 -- Jan 25, Collision, Liner SS *Mohawk/Freighter Talisman*, off NJ/NY -- 46
34. 1942 -- Jan 24, USS *S-26* Accidentally rammed/sunk by PC-460, Gulf of Panama -- 46
35. 1902 -- Jan 2, Steamer *Walla Walla* hit by bark *Max*, 9m off Cape Mendocino, CA --36-43
36. 1906 -- Nov 18, Steamer *Dix* Collides with *Jeanie*, Sinks, Puget Sound, WA -- 42
37. 1864 -- Jun 3, Steamer *Pocahontas* sinks, *City of Bath*, collision, off Cape May, NJ --40-41
38. 1914 -- Jan 30, Steamers *Monroe & Nantucket* Collide, fog off Hog Island, VA¹⁹⁴⁵ -- 41
39. 1927 -- Dec 17, Sub USS *S-4* hit by CG Cutter *Paulding*, off Provincetown, MA -- 40

¹⁹⁴¹ Of the 1,517 fatalities, 119 were U.S. citizens. The Titanic was headed for New York. (J.R. Henderson)

¹⁹⁴² Cross-listed in Fog as a Contributing Condition.

¹⁹⁴³ Cross-listed in Fog as a Contributing Condition.

¹⁹⁴⁴ Cross-listed in Fog as a contributing factor and in Rail.

¹⁹⁴⁵ Cross-listed in Fog as a Contributing Condition.

40. 1851 -- Nov 27, *Archer* collision/sinks, Upper MS, Enterprise Island near Grafton IL --28-39
 41. 1951 -- Apr 20, *Esso Greensboro* & *Esso Suez* Collide in Fog, Gulf of Mexico¹⁹⁴⁶ -- 39

MARITIME -- COLLISIONS -- Deadliest American -- By Mortality (Con't)

42. 1966 -- Jun 16 (& 28), Collision/Explosions/Fire, *Texaco Mass./Alva Cape*, off NY, NY¹⁹⁴⁷-- 37
 43. 1844 -- Dec 14, Collision, *Belle of Clarksville/Louisiana*, MS River, ~Memphis, TN --31-36
 44. 1951 -- May 14, Collis./Fire USS *Valcour* & *Thomas Tracy* off Cape Henry VA -- 36
 45. 1926 -- Apr 08, Collision, *Silvanns/Thomas H. Wheeler*, Pointe A La Hache, LA -- 35
 46. 1851 -- Feb 09, *Autocrat/Magnolia* Collide ~Butler's Plantation, Iberville Parish LA --10-34
 47. 1888 -- Aug 22, Fog, Steamers *Oceanic* & *City of Chester* Collide, San Francisco¹⁹⁴⁸ --10-34
 48. 1925 -- Sep 25, Sub *USS S-51* hit by *City of Rome*, sinks off Block Island, RI -- 33
 49. 1979 -- Nov 1, tanker *Burmah Agate* collides with freighter *Mimosa*, off Galveston, TX-- 32
 50. 1879 -- Nov 08, Steamer *Champion* Collision with Brit. Bark, Cape Henlopen DE --31-32
 51. 1834 -- Oct 24, *Missouri Belle* Sinks, Collision (*Boonslick*), ~Kenner & N.O., LA -- 30
 52. 1845 -- Oct 27, Steamer *Plymouth* collision with *Lady Madison*, ~Shawneetown, IL --20-30
 53. 1846 -- Feb 13/14, Steamers *Congress* & *Saladin* Collide, MS Riv. KY Bend, KY --15-30
 54. 1851 -- Steamship *Autocrat* Collision, near Natchez, MS -- 30
 55. 1880 -- Jun 11, Steamer *Narragansett* Ship Collision, off Saybrook, CT -- 30
 56. 1918 -- Oct 03, *Lake City* & *James McGee* Collide, American Shoal Light, FL -- 30
 57. 1920 -- Aug 20, *Superior City* Hit/Sinks, Lake Superior, Whitefish Bay, WI -- 29
 58. 1975 -- Jan 31, Collision, *SS Edgar M. Queeny/Corinthos*, Marcus Hook, PA -- 29
 59. 1890 -- Nov 05, 8, Schs. *Lillie Amoit* & *John D. Miner* collide, Menominee Hbr., MI -- 25
 60. 1918 -- Oct 4/5, Collier USS *Herman Frasch* Collision (USS *Henry*) ~Cape Sable NS --17-25
 61. 1969 -- Apr 06, Collision, *S.S. Union Faith/Barge*, MS River, New Orleans, LA -- 25
 62. 1849 -- May 18, Collision, *Empire/Schooner Noah Brawn*, Newburgh Bay, NY -- 24
 63. 1893 -- Nov 07, *Albany/Philadelphia* Collision, Fog, L. Huron ~ Pte Aux Barques MI-- 24
 64. 1910 -- May 23, *Frank H. Goodyear* hit/Sinks, Lake Huron, ~Pt. Aux Barques, MI --17-23
 65. 1950 -- Aug 25, Hosp. Ship *Benevolence* hit/sunk/fog, *M. Luckenbach* ~SF CA¹⁹⁴⁹ --18-23
 66. 1980 -- Jan 28, collision, tanker *Capricorn* & USCGC *Blackthorn* (sinks), Tampa Bay FL-23
 67. 1890 -- Aug 6, Boston Sch. *Magellan*, sunk by the *St. Mary* near Falkland Islands --20-22
 68. 1932 -- Feb 05, Boston Sch. *Eleanor Nickerson* hit/sinks off SE of Cape Sable, N.S. -- 21
 69. 1968 -- Mar 16, Collision, SS *African Star* & barge *Intercity No. 11*, MS River, LA -- 21
70. 1837 -- Mar 17, Steamboat *Tiskilwa* hit by the *Wisconsin*, near mouth Ill. River, IL --10-20
 71. 1851 -- Mar 24, Boats Collide, *Lowell* Sinks, OH Riv., Captina Isl., ~Wheeling, WV --15-20
 72. 1852 -- Apr 26, Steamers Collide, *Chickasaw/W.B. Clifton*, French Is., Evansville, IN -- 20
 73. 1852 -- July 12, *City of Oswego* sinks, collis. *America*, L. Erie ~Willoughby, OH --15-20
 74. 1865 -- June 8, Steamer *Admiral Dupont* hit/sunk, British *Studacona*, S. NJ Coast --15-20
 75. 1878 -- Dec 01, *Cotton Valley/Charles Morgan* Collide, MS Riv., ~Bringier Point, LA-12-20
 76. 1927 -- Oct 29, Fog, *President Wilson* Hits Gloucester Fisher *Avalon*, Cape Cod MA¹⁹⁵⁰ -- 20

¹⁹⁴⁶ Cross-listed in Fog as a Contributing Factor.

¹⁹⁴⁷ Thirty-three deaths on June 16 (*Alva Cape*, 19; tug *Esso Vermont*, 8; *Texaco Massachusetts*, 3; and tug *Latin American*, 3) and four more on June 28 while the *Alva Cape* was being unloaded at Gravesend Bay.

¹⁹⁴⁸ Cross listed in Fog as a Contributing Factor.

¹⁹⁴⁹ Cross-listed in Fog as a Contributing Condition.

77. 1941 -- Jan 21, *Mary E. O'Hara* & barge collide, entrance to Boston Harbor, MA --18-20
 78. 1943 -- Nov 21, Tanker *Altair* hit by *Bostonian*, Fog, off Cape Henlopen, DE¹⁹⁵¹ -- 20
 79. 1945 -- Feb 05, Tanker *Spring Hill* hit/explosion/fire, off Stapleton, Staten Island, NY--19-20
 80. 1962 -- Oct 20, Collision/Fire, *Boheme* & Barge *Parker*, Miss. River ~Lutcher, LA -- 20

Maritime Disasters -- COLLISIONS Subset -- Deadliest American -- By Mortality (Con't)

81. 1917 -- Dec 17, USN Sub *F-1* Collides with *F-3*, Sinks off Coast of San Diego CA -- 19
 82. 1920 -- Oct 29, Ship Collision, Schooner *Cape Fear*, Narragansett Bay, RI -- 19
 83. 1835 -- Dec 02, *Lady Franklin* Sinks, hit by *Portsmouth*, OH Riv. ~Owensboro KY --15-18
 84. 1857 -- Nov 12 or 15, *Opelousas* & *Galveston* Collide, Gulf of MX off LA Coast -- 18
 85. 1908 -- May 26, Boston Sch. *Fame*/UK Steamer *Boston* Collide, fog, Cashes Bank¹⁹⁵²-- 18
 86. 1917 -- Jun 30, *Christopher Columbus* Collision/Water-tank Falls, Milwauk. Riv. WI --15-18
 87. 1928 -- May 07, US Army Dredge *Navesink* hit/sunk by *Swinburne*, off Stapleton NY--17-18
 88. 1958 -- Aug 07, Collision/Fog, Tanker *Gulfoil* & *S.E. Graham*, off Bull Point RI¹⁹⁵³ -- 18
 89. 1864 -- July 03, Steamer *Locust Point* Collides with *Matanzas* off Absecon, NJ -- 17
 90. 1880 -- July 22, Stm. *Mamie* Bisected by *Garland*, Detroit Riv., ~Grosse Isle, MI --16-17
 91. 1941 -- Dec 10, *Oregon* Collision with USN Boat, Sinks off Nantucket, MA -- 17
 92. 1968 -- Dec 7, Collision, USCG *White Alder* & *Helena*, Head of Passes, MS Riv., LA -- 17
 93. 1913 -- Jan 03, Fog, *Julia Luckenbach* Collision/Sinks, ~Tangier Island, VA¹⁹⁵⁴ -- 16
 94. 1921 -- Feb 26, U.S. Destroyer *Woolsey* hit by *Steel Inventor*, Sinks, off Panama -- 16
 95. 1942 -- Feb 22, Towboat *G. W. McBride* hits bridge pier, sinks, Ohio R., Cincinnati, OH-- 16
 96. 1973 -- Jun 02, Collision/Explosion, *Sea Witch*/*Esso Brussels*, NY Harbor, NY -- 16
 97. 1974 -- Jan 18, SS *Baune* and Tanker *Keytrader* Collide, Lower Mississippi River LA-- 16
 98. 1847 -- June 09, Collision, *Chesapeake* and *Porter*, Lake Erie, Conneaut, OH --10-15
 99. 1857 -- Feb 21, Steamer *Humbolt* sunk by *Belfast*, chute of Island No. 75, Miss. River-- 15
 100. 1857 -- Aug 15, Steamers Collide, *J.N. Harris* Sinks, L.I. Sound, ~Falkland Isl. CT --13-15
 101. 1903 -- May 5, Fog, Steamer *Saginaw* sinks, liner *Hamilton* collis. ~Hog Island, VA¹⁹⁵⁵-15
 102. 1909 -- July 12, Steamers *John B. Cowle* & *Isaac M. Scott* Collide, Lake Superior --14-15
 103. 1925 -- June 28, Gloucester, MA fishing Sch. *Rex* sunk by Liner off 200M E of N.S.-- 15
 104. 1889 -- Mar 26~, Gloucester Fishing Sch. *Shiloh* reported run down off Cape Cod -- 14
 105. 1895 -- Mar 08, Steamer *Longfellow* hits C&O Bridge Pier, Sinks, Cincinnati, OH --11-14
 106. 1831 -- May 14, Steamboat *Coosa* sinks, collision with *Huntress*, Caruthersville, MO-- 13
 107. 1877 -- Jan 7, Steamer *Montgomery* hit by *Seminole*, sinks, 38m NE of Cape May, NJ-- 13
 108. 1918 -- Mar 19, Tug *W.A. Bisso*, Sinks in Collision near New Orleans -- 13
 109. 1852 -- Dec 14, *Western World*/*H.R.W. Hill*, collide, MS Riv., Princeton Landing, MS-- 12
 110. 1862 -- Aug 09, *Illinois* Hits *Oriole*, Fog, Lake Superior, off Munising, MI¹⁹⁵⁶ -- 12
 111. 1865 -- Jun 3, Steamers *Poland* and *Idaho* Collide, *Poland* Sinks, Yazoo River, MS --10-12
 112. 1876 -- ~May, Gloucester, MA Fishing Sch. *Saratoga* hit/sunk, Georges Bank -- 9-12
 113. 1889 -- Nov 20, Steamer *Manhattan* sinks, collision, Sch. *Agnes Manning*, off DE --10-12

¹⁹⁵⁰ Cross-listed in Fog as a Contributing Factor.

¹⁹⁵¹ Cross-listed in Fog as Contributing Factor.

¹⁹⁵² Cross listed in Fog as Contributing Factor.

¹⁹⁵³ Cross listed in Fog as a Contributing Factor

¹⁹⁵⁴ Cross-listed in Fog as a Contributing Factor.

¹⁹⁵⁵ Cross-listed in Fog as a Contributing Factor.

¹⁹⁵⁶ Cross-listed in Fog as a Contributing Factor.

114. 1914 -- Aug 26, *Admiral Sampson* Collision, Fog, Puget Sound, Point No Point, WA¹⁹⁵⁷-12
 115. 1944 -- Apr 27, *Ashcroft* Rams *James H. Reed*, Lake Erie Fog, OH¹⁹⁵⁸ -- 12
 116. 1961 -- Nov 07, Collision, M/V *Union Reliance*, M/V *Berean*, Houston Channel, TX-- 12
 117. 1979 -- Aug 30, *Inca Tupac Yupanqui* hits barge, explos./fire, MS Riv., Good Hope, LA--12

MARITIME Disasters -- COLLISIONS Subset -- By MORTALITY (Con't.)

118. 1866 -- Apr 18, *City of Norwich/Gen. Van Vliet* collide, Huntington Harbor NY -- 11
 119. 1875 -- Aug 26, Ships Collide, *Comet & Manitoba*, 7M SE Whitefish Point, WI -- 11
 120. 1875 -- Dec 01, Steamer *Sunnyside* hits Ice/Sinks, Hudson, off West Park, NY -- 11
 121. 1902 -- Dec 17, Schooners *Louise B. Crary/Frank A. Palmer* Collide, Gloucester MA-- 11
 122. 1907 -- June 11, Battleship *Minnesota* Launch Run-Down Hampton Roads, VA -- 11
 123. 1909 -- June 06, Ship Hits Wharf, Collapses, Mandeville, Lake Pontchartrain LA -- 11
 124. 1960 -- July 19, USN destroyers *Ammen & Collett* Collide, Fog ~Newport Beach, CA¹⁹⁵⁹ 11
 125. 1978 -- Oct 20, Collis. USCG Cutter *Cuyahoga/MV Santa Cruz II*, ~Smith Point VA-- 11
 126. 2003 -- Oct 15, Ferry *Andrew J. Barberi* hits pier, St George Terminal, Staten Isl. NY-- 11
127. 1845 -- Aug 12, Collision, Steamers *London & Kent* (Sinks), L. Erie, Pt. Pelee, Ont.-- 10
 128. 1847 -- Jun 09, *Chesapeake/Porter* Collide, Lake Erie, Conneaut, OH -- <10
 129. 1868 -- Sep 16, *Persian* Sunk by *E.B. Allen*, Lake Huron 3m off 40-Mile Point, MI -- 10
 130. 1875 -- July 6, Steamer *Isaac Bell* & tug *Lumberman* Collide, Hampton Roads, VA -- 10
 131. 1930 -- Sep 01, Seattle Sch. *Orient* Collides with *Admiral Nelson*, ~Vancouver Isl., BC--10
 132. 1957 - Mar 6, Navy Tanker *Mission San Francisco & Elna II* collis./explo., Del Ri., DE¹⁹⁶⁰-10
 133. 1960 -- Oct 22, *Alcoa Corsair* Collision, Mouth of Mississippi River, LA -- 10
 134. 1965 -- May 07, Ships Collide, Fog, *Cedarville* Sinks, Mackinac Straits, MI¹⁹⁶¹ -- 10
 135. 1972 -- Nov 7, Freighter Hits Sidney Lanier Bridge, Span Collapse, Brunswick GA¹⁹⁶²-- 10
 136. 2017 -- Aug 21, *USS John S. McCain* collision/merchant ship *Alnic MC* ~Singapore-- 10

¹⁹⁵⁷ Cross-listed in Fog as a Contributing Factor

¹⁹⁵⁸ Cross-listed in Fog as Contributing Factor.

¹⁹⁵⁹ Cross-listed in Fog as Contributing Factor.

¹⁹⁶⁰ Cross-listed in Hazardous Materials Transportation.

¹⁹⁶¹ Cross-listed in Fog as contributing condition.

¹⁹⁶² Cross-listed in Road/Highway and in Structural Collapse/Bridge.

MARITIME Subset – **DISEASE, infectious and/or contagious** – **By Mortality**

1. 1822 -- May 8-July 24,¹⁹⁶³ Yellow Fever, U.S. Frigate *Macedonian*, Caribbean -- 101
2. 1918 -- Sep 29-Oct, Navy Transport *Leviathan*, Influenza Epidemic, Atlantic Ocean -- 91
3. 1849 -- Early May-~May 10, Cholera, Steamer *Monroe*, St. Louis to Jefferson City¹⁹⁶⁴ --63-70
4. 1918 -- Fall/Winter, Cruiser *Pittsburgh*, Influenza Epidemic, Rio de Janeiro Brazil -- 58
5. 1918 -- Sep 20-Oct 2, Navy Transport *America*, Influenza Outbreak, Atlantic/France -- 55
6. 1851 -- Feb?, Steamboat *Arkansas*, Tallapoosa River, Mobile to Wetumpka, AL -- 52
7. 1848 -- Dec 22, Cholera, Steamboat *Peytona* arrives at Louisville from New Orleans¹⁹⁶⁵ -- 50
8. 1849 -- sometime after Apr 21, Cholera on Steamboat *Mary*, MS Riv. before St. Joseph-- 50
9. 1858 -- Spring, USS *Susquehanna*, Yellow Fever Outbreak, off San Juan, PR -- 46
10. 1853 -- ~Early March, Steamer Winfield Scott, Panama to San Francisco, Yellow Fever--~41

11. 1850 -- Jan, Steamboat *Dove*, Cholera, Ouachita River, AR and LA --30-40
12. 1918 -- Early Oct, Navy Transport *Siboney*, Influenza Epidemic, Atlantic Ocean -- 38
13. 1849 -- early June, Cholera, steamboat *Uncle Toby*, MS River, ~Quincy to Rock Isl. -- 27
14. 1851 -- before June 22, Steamer *Grand Turk*, Cholera, Mississippi River¹⁹⁶⁶ -- ~25
15. 1851 -- before June 22, Steamer *Pride of the West*, Cholera, Mississippi River¹⁹⁶⁷ -- ~25
16. 1853 -- ~Early March, Steamer *Golden Gate*, Panama to San Francisco, Yellow Fever-- 23
17. 1799 -- Nov-Feb 1880, Ship USS *Delaware*, Yellow Fever, Curacao, Caribbean¹⁹⁶⁸ -- 20
18. 1799 -- Jun-Jul, Frigate USS *General Greene*, Yellow Fever, Cuba to Portsmouth NH¹⁹⁶⁹ -- >20
19. 1822 -- July-Aug, Yellow Fever, U.S. Brig *Enterprise*; Caribbean to NYC & at NYC -- 19
20. 1834 -- Aug, early, Steamboat *Kentucky*, Cholera -- 18
21. 1850 -- Sep 12-17, Cholera, Steamer *Falcon*, Chagres, Panama to Havana, Cuba¹⁹⁷⁰ --17-18
22. 1849 -- Nov (early to 15th arrival at St. Louis), Steamboat *Constitution*, Cholera¹⁹⁷¹ --12-17
23. 1850 -- Oct 28-Nov 8, Cholera, Barque *Splendid*, Sacramento to San Francisco¹⁹⁷² -- 17
24. 1839 -- Late Summer or Fall, Steamboat *Corsair*, Yellow Fever, Mississippi River -- 15
25. 1848 -- Late Dec, Steamer *Potomac* [unclear], Cholera, NOLA to Louisville, KY¹⁹⁷³ -- 14
26. 1866 -- Oct (late). US gunboat *Bienville*, while in Caribbean and passage to NYC -- 14
27. 1850 -- April, Cholera, Steamer *St. Louis*, New Orleans to St. Louis, arriving May 1 --12-13

¹⁹⁶³ The dates are from the time of the first reported case until sailing back to the Baltimore Navy Yard on July 24.

¹⁹⁶⁴ Counted as well in 1849 Cholera listing (which contains narrative content). We have not yet been able to break out the number of people dying on the *Monroe*, as opposed to those who died from the *Monroe* after landing, and the citizens who were infected with cholera and subsequently died in Jefferson City and in Cole County. Thus, it is conceivable the number dying on the *Monroe* was less than sixty-three. Talked with member of Jefferson City, MO, Historical Society 4-27-2015, who indicated he would seek to research to clarify the fatalities.

¹⁹⁶⁵ McClellan in his *History of the Travels of Asiatic Cholera...In North America* (1875, p. 611), writes that in addition to these fifty deaths a number of passengers subsequently succumbed to cholera at the Marine Hosp. there.

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¹⁹⁷¹ St. Louis paper notes 17 deaths; a later New Orleans paper writes that of that number only 12 were truly cholera.

¹⁹⁷² The last three deaths were on the 8th in a San Francisco hospital after transfer from the boat upon landing on 7th.

¹⁹⁷³ “A dispatch just received from Louisville, dated 28th, says the steamer *Poto...* [unclear] arrived from New Orleans this morning and reports that the cholera is very bad there. Fourteen of the steamer’s deck passengers died with it coming up.” (*Sandusky Clarion*, OH. “Telegraphic Dispatches.” 1-7-1849, 3.)

- 28. 1851 -- June-July?¹⁹⁷⁴ Cholera, Steamboat *St. Ange*, upon arrival at Fort Pierre, SD -- 13
- 29. 1850 -- April, Cholera, Steamer *Missouri*, New Orleans to St. Louis, arriving May 2 -- ~12
- 30. 1851 -- by April 24, Cholera, Steamboat *Iroquois*, New Orleans to St. Louis, MO -- 12
- 31. 1841 -- Sep-Oct. Yellow Fever, crew of the USS *Levant*, at Pensacola, FL -- 11
- 32. 1849 -- by Mar 24, Cholera, Steamboat *Yorktown*, MS Riv. before reaching Cairo, IL -- 10

¹⁹⁷⁴ A newspaper report is dated July 29. Another source simply notes that the *St. Ange* brought cholera to Fort Pierre, starting an epidemic which spread to traders, trappers, local Native Americans, and then their neighbors.

MARITIME Subset – **DISEASE, infectious and/or contagious** – **Chronological**

1. 1799 -- Nov-Feb 1880, Ship USS *Delaware*, Yellow Fever, Curacao, Caribbean¹⁹⁷⁵ -- 20
2. 1799 -- Jun-Jul, Frigate USS *General Greene*, Yellow Fever, Cuba to Portsmouth NH¹⁹⁷⁶ -->20
3. 1822 -- May 8-July 24,¹⁹⁷⁷ Yellow Fever, U.S. Frigate *Macedonian*, Caribbean -- 101
4. 1822 -- July-Aug, Yellow Fever, U.S. Brig *Enterprise*; Caribbean to NYC & at NYC -- 19
5. 1834 -- Aug, early, Cholera, Steamboat *Kentucky*. -- 18
6. 1839 -- Late Summer or Fall, Steamboat *Corsair*, Yellow Fever, Mississippi River -- 15
7. 1841 -- Sep-Oct. Yellow Fever, crew of the USS *Levant*, at Pensacola, FL -- 11
8. 1848 -- Dec 22, Cholera, Steamboat *Peytona* arrives at Louisville from New Orleans¹⁹⁷⁸ -- 50
9. 1848 -- Late Dec, Steamer *Potomac* [unclear], Cholera, NOLA to Louisville, KY¹⁹⁷⁹ -- 14
10. 1849 -- by Mar 24, Cholera, Steamboat *Yorktown*, MS Riv. before reaching Cairo IL -- 10
11. 1849 -- After Apr 21, Cholera on Steamboat *Mary*, MS Riv. before St. Joseph -- 50
12. 1849 -- Early May-~May 10, Cholera, Steamer *Monroe*, St. Louis to Jefferson City¹⁹⁸⁰ --63-70
13. 1849 -- early June, Cholera, steamboat *Uncle Toby*, MS River, ~Quincy to Rock Isl. -- 27
14. 1849 -- Nov (early to 15th arrival at St. Louis), Steamboat *Constitution*, Cholera¹⁹⁸¹ --12-17
15. 1850 -- Jan, Steamboat *Dove*, Cholera, Ouachita River, AR and LA --30-40
16. 1850 -- April, Cholera, Steamer *St. Louis*, New Orleans to St. Louis, arriving May 1 --12-13
17. 1850 -- April, Cholera, Steamer *Missouri*, New Orleans to St. Louis, arriving May 2 -- ~12
18. 1850 -- Sep 12-17, Cholera, Steamer *Falcon*, Chagres, Panama to Havana, Cuba¹⁹⁸² --17-18
19. 1850 -- Oct 28-Nov 8, Cholera, Barque *Splendid*, Sacramento to San Francisco¹⁹⁸³ -- 17
20. 1851 -- Feb?, Steamboat *Arkansas*, Tallapoosa River, Mobile to Wetumpka, AL -- 52
21. 1851 -- by April 24, Cholera, Steamboat *Iroquois*, New Orleans to St. Louis, MO -- 12
22. 1851 -- before June 22, Steamer *Grand Turk*, Cholera, Mississippi River¹⁹⁸⁴ -- ~25

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23. 1851 -- before June 22, Steamer *Pride of the West*, Cholera, Mississippi River¹⁹⁸⁵ -- ~25
 24. 1851 -- June-July?¹⁹⁸⁶ Cholera, Steamboat *St. Ange*, upon arrival at Fort Pierre, SD -- 13

MARITIME Subset – **DISEASE, infectious and/or contagious** – **Chronological** (continued)

25. 1853 -- ~Early March, Yellow Fever, Steamer *Golden Gate*, Panama to San Francisco-- 23
 26. 1853 -- ~Early March, Yellow Fever, Steamer Winfield Scott, Panama to San Francisco--~41
 27. 1858 -- Spring, Yellow Fever Outbreak, USS *Susquehanna*, off San Juan, Puerto Rico-- 46
 28. 1866 -- Oct (late). US gunboat *Bienville*, while in Caribbean and passage to NYC -- 14
 29. 1918 -- Fall/Winter, Cruiser *Pittsburgh*, Influenza Epidemic, Rio de Janeiro Brazil -- 58
 30. 1918 -- Sep 20-Oct 2, Navy Transport *America*, Influenza Outbreak, Atlantic/France -- 55
 31. 1918 -- Sep 29-Oct, Navy Transport *Leviathan*, Influenza Epidemic, Atlantic Ocean -- 91
 32. 1918 -- Early Oct, Navy Transport *Siboney*, Influenza Epidemic, Atlantic Ocean -- 38

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MARITIME Disasters-- EXPLOSIONS Subset – Deadliest American – By MORTALITY

1. 1865 -- Apr 27, Steamer *Sultana* Explodes/Burns, MS. Riv., Redman Point, AR – 1,547-2000
2. 1947 -- Apr 16-17, Ammonium Nitrate Explosion, *Grandcamp*, Texas City, TX¹⁹⁸⁷ --581-600
3. 1944 -- Nov 10, Explosion, USS *Mount Hood*, Seeadler Harbor, Manus Island¹⁹⁸⁸ --372-378
4. 1944 -- July 17, Munitions Ships Explode while loading, Port Chicago, CA¹⁹⁸⁹ --320-325
5. 1898 -- Feb 15, Battleship *USS Maine* Magazine Explos., Havana Harbor, Cuba¹⁹⁹⁰ --263-268
6. 1841 -- Aug 09, *City of Erie* Explosion/Fire, Silver Creek, Lake Erie, 60m ~Buffalo- 173-250
7. 1837 -- May 08, Steamer *Ben Sherrod* Explosion/Fire, MS River, Fort Adams, MS --72-230
8. 1866 -- Jan 28, Steamer *Miami*, Boiler Explosion, Arkansas River, ~ Napoleon, AR --40-225
9. 1866 -- Feb 2, Steamboat *W.R. Carter* Boiler Explosion, Miss. River, Island No. 98--123-215
10. 1838 -- Apr 25, Steamboat *Moselle* Boiler Explosion/Fire, near Cincinnati, OH --81-200
11. 1863 -- Aug 19, Steamer *City of Madison* ammunition Explosion, Vicksburg, MS¹⁹⁹¹ --50-163
12. 1858 -- Jun 13, *Pennsylvania* boiler explos./fire, MS Ri., Hardin Pt. ~Austin MS/Helena AR --60-160
13. 1849 -- Nov 15, Steamboat *Louisiana* Boiler Explosion, New Orleans, LA --86-150
14. 1838 -- June 14, Steamer *Pulaski* Boiler Explodes/Sinks off Cape Lookout, NC --100-141
15. 1944 -- Jan 03, USS *Turner*, Ammunition Explosions, Sinks, NY Harbor, NY -- 138
16. 1852 -- Apr 09, Steamboat *Saluda* Boiler Explosion, Missouri Riv., Lexington, MO --37-135
17. 1967 -- July 29, Rocket Explosion and Fire, USS *Forrestal*, off coast of Vietnam -- 134
18. 1838 -- Apr 21, Boiler Explosion, Steamer *Oronoko*, MS River, near Princeton, MS- 100-130
19. 1871 -- July 30, Staten Island Ferry *Westfield II* Boiler Explosion, NY Harbor, NY --86-126
20. 1954 -- May 26, Explosions/Fire, U.S. Carrier *Bennington*, off Quonset Point, RI -- 103
21. 1844 -- Oct 23, *Lucy Walker* Boiler Explosion/Fire, Ohio Riv., near New Albany IN-- 18-100
22. 1850 -- Dec 13, Steamer-Tug *Anglo-Norman* Boiler Explos., near New Orleans, LA --20-100
23. 1851 -- Sep 28, Steamer *Brilliant* Boiler Explos., Miss. Riv., Bayou Goula, LA --90-100
24. 1859 -- Feb 27, Steamer *Princess* Boiler Explos./Fire, MS River, ~Baton Rouge, LA--70-100
25. 1866 -- Jan 30, Steamer *Missouri* Boiler Explosion, Ohio Riv. near Newburg, IN --60-100
26. 1852 -- Apr 03, Steamer *Glencoe* Boiler Explosion, St. Louis, MO --60-83
27. 1868 -- Mar 18, Steamer *Magnolia* Boiler Explos./Fire, OH Riv., ~Cincinnati, OH --35-83
28. 1847 -- Dec 29, Steamer *A.N. Johnston* Boiler Explosion, Ohio River, ~Maysville KY--60-80
29. 1855 -- Jan 27, Steamer *Pearl* Boiler Explosion, Sacramento River, Marysville, CA --40-80
30. 1871 -- Jan 28, Steamboat *W. R. Arthur* Boiler Explosion, near Memphis, TN --60-87
31. 1871 -- Aug 27, Steamboat *Ocean Wave* Boiler Explos., Point Clear ~Mobile, AL --34-75
32. 1932 -- Sep 09, Explosion & Fire, Steam Screw *Observation*, East River, NY -- 72
33. 1850 -- Apr 28, Steamer *General Anthony Wayne* Explosion, Lake Erie, OH --30-70
34. 1859 -- Apr 24 sidewheel *St. Nicholas* boiler explos./fire, Helena Isl. (No. 60), AR --50-70
35. 1867 -- Feb 17, Steamer *David White* Boiler Explos., MS River, Pt. Chicot MS --60-65
36. 1905 -- July 21, USS *Bennington* Gunboat Boiler Explosion, San Diego, CA --60-65
37. 1945 -- Jan 21, USN Plane Bombs Explode USS *Hancock* landing, South China Sea -- 62
38. 1864 -- Nov 12, Navy Gunboat *Tulip* Boiler Explosion, Ragged Point, MD --49-61
39. 1825 -- May 05, Steamer *Teche*, Explos. MS R., St. Catherines Creek, ~Natchez, MS --15-60

¹⁹⁸⁷ Cross-listed in Explosions, in Fire, and in Hazardous Materials Transportation.

¹⁹⁸⁸ Largest of the Admiralty Islands, and fifth largest island in Papua New Guinea. Cross-listed in Explosions.

¹⁹⁸⁹ Cross-listed under Explosions and in Hazardous Materials Transportation.

¹⁹⁹⁰ Cross-listed under Explosions.

¹⁹⁹¹ Cross-listed in Hazardous Materials Transportation.

40. 1830 -- Feb 24, Steamboat *Helen McGregor* Boiler Explosion, Memphis, TN --33-60
 41. 1833 -- June 7, Steamer *Peruvian* Boiler Explosion, MS River, ~New Orleans LA¹⁹⁹² --50-60
 42. 1838 -- Nov 25, *General Brown* Boiler Explosion, Mississippi River, Helena, AR --30-60
 43. 1854 -- Jan 28, Steamboat *Georgia* Fire, Lake Pontchartrain, LA --25-60
 44. 1851 -- Mar 2, Steamer *Oregon* Boiler Explosion/Fire, Island No. 82, MS River, MS --18-60
 45. 1866 -- May 31, *City of Memphis* Explodes/Burns, MS River, off Buck Island, MS --11-60

Maritime Disasters -- EXPLOSIONS Subset – Deadliest American – By Mortality (Cont.)

46. 1842 -- July 3, Boiler Explos., Steamboat *Edna*, near Mouth of Missouri River, MO -- 55
 47. 1913 -- Mar 07, Harbor/Ship (*Alum Chine*) Dynamite Explosion, Baltimore, MD¹⁹⁹³ -- 55
 48. 1925 -- Aug 18, Steamer *Mackinac* Boiler Explosion, Narragansett Bay --47-55
 49. 1944 -- Apr 19, U.S. Liberty Ship *John Straub* Explodes/Sinks off Sanak Island, AK -- 55
 50. 1848 -- Aug 12, Steamer *Edward Bates*, Boiler Explosion, MS Riv., Hamburg, IL --40-53
 51. 1837 -- Dec 27, *Black Hawk* Boiler Explos./Fire, MS River, Black Hawk Pt., LA --30-50
 52. 1845 -- July 1, Steamboat *Marquette* Boiler Explosion, New Orleans, LA --13-50
 53. 1848 -- May 27, Boiler Explosion, Steamboat *H. Kenney*, Tombigbee River, AL -- 8-50
 54. 1850 -- Oct 29, Steamboat *Sagamore* Boiler Explosion, San Francisco, CA --20-50
 55. 1854 -- Apr 15, Steamer *Secretary* Explosion, SF Bay, at San Pablo Bay, CA -- 50
 56. 1860 -- June 24, Steamer *Ben. W. Lewis* Boiler Explosion, Cairo, IL --23-50
 57. 1880 -- June 28, Steamer *Seawanhaka* Explodes/Burns, East River, Randall's Isl. NY --24-50
 58. 1989 -- Apr 19, *USS Iowa* No. 2 Turret Explosion, Near Puerto Rico -- 47
 59. 1854 -- Mar 13/14, Burst Flue, *Reindeer*, Ohio River, Cannelton, IN --38-46
 60. 1889 -- Oct 3, Steamer *Corona* Boiler Explos., Mississippi River, False River, LA --38-46
 61. 1829 -- Jun 4, Magazine Explos., Steam Frigate *Fulton*, Navy Yard, Brooklyn NY¹⁹⁹⁴ --24-40
 62. 1835 -- May 15, Steamboat *Majestic* boiler collapse/explosion, Memphis TN --38-40
 63. 1852 -- Apr 03, Steamer *Redstone* Boiler Explosion, Ohio River ~Carrollton, KY --14-40
 64. 1852 -- July 05, Steamer *St. James* Boiler Explosion, Lake Pontchartrain, LA --30-40
 65. 1872 -- Apr 11, Boiler Explosion, Steamer *Oceanus*, MS. River, Brook's Point, IL -- 40
 66. 1888 -- Feb 27, Boiler Explosion, Ferryboat *Julia*, South Vallejo, CA --30-40
 67. 1860 -- Oct 31, Steamer *H.R.W. Hill* Boiler Explosion, Baton Rouge, LA -- 39
 68. 1953 -- Oct 16, Carrier *USS Leyte* explos./fire, South Boston Naval Yard, Boston MA--37-39
 69. 1852 -- Sep 4, Steamboat *Reindeer* Boiler Explosion, Hudson River ~ Bristol, NY --28-37
 70. 1941 -- June 29, Cabin Cruiser *Don* Explodes and Burns off Bailey Island, ME -- 37
 71. 1850 -- Apr 22, *Belle of the West*, Fire / Boiler Explos.?, OH River, ~Warsaw, KY¹⁹⁹⁵ - 34-36
 72. 1853 -- Mar 23, Racing, Steamer *Farmer* Boiler Explosion, Galveston Bay, TX --28-36
 73. 1865 -- Jan 26/27, Steamer *Eclipse* Boiler Explos., Tenn. River, Johnsonville, TN --27-36
 74. 1855 -- June 30, Steamer *Lexington* Boiler Explos., Ohio River, ~Stephensport, KY --30-35
 75. 1843 -- Sep 19, Steamboat *Clipper No. 1* Boiler Explosion, near Bayou Sara, LA --20-33
 76. 1864 -- Apr 15, Steamer *Chenango* Boiler Explos. NY Harbor ~Ft. Richmond NY --30-33

¹⁹⁹² One report states that there was a boiler explosion above New Orleans, another that it happened in Natchez MS, one which does not indicate location other than MS River between New Orleans and Louisville, and one which states that the explosion did not occur.

¹⁹⁹³ Cross-listed in Explosions and in Hazardous Materials Transportation.

¹⁹⁹⁴ Cross-listed in Explosions.

¹⁹⁹⁵ There were newspaper stories of 50-120 deaths. We use lower estimates found in government and later writings.

77. 1853 -- Apr 11, Steamship *Jenny Lind* Boiler Explosion, Alviso to SF, CA -- 31

Maritime Disasters-- EXPLOSIONS Subset – Deadliest American – By Mortality (Cont.)

78. 1817 -- May 04, Steamer *Constitution* Boiler Explos., MS Riv., Point Coupee, LA --10-30
79. 1828 -- May, *Car of Commerce* Boiler Explos., Miss. River, 110m so. OH River -- 30
80. 1836 -- Mar 12-13, Steamboat *Ben Franklin* Boiler Explosion,, at Mobile, AL --11-30
81. 1839 -- May 6, *George Collier* Steam Escape, Miss. River at Red River mouth, LA --26-30
82. 1848 -- Jan 8, *Blue Ridge* Boiler Explosion, OH Ri., Raccoon Is., ~Gallipolis, OH --11-30
83. 1850 -- Nov 21, 25 or 26, Steamer *Antoinette Douglas* Boiler Explos., AL Riv., AL -- 9-30
84. 1852 -- Jan 14, Steamer *George Washington* Boiler Explos./Fire, Grand Gulf, MS --16-30
85. 1856 -- Feb 05, Steamer *Belle* Boiler Explosion, nine miles above Sacramento, CA -- ~30
86. 1873 -- Aug 22, *George C. Wolfe* Boiler Explo., MS Riv., St. Francis Is. ~Helena, AR--12-30
87. 1918 -- Oct 04, Steamer *San Sabo* strikes mine, 15 miles SW of Barnegat, NJ¹⁹⁹⁶ -- 30
88. 1850 -- Mar 23, Steam *Troy* Explodes, Lake Erie, mouth Niagara Riv.~ Buffalo, NY --15-29
89. 1842 -- Apr 14, *Medora* Steamboat Boiler Explosion, Baltimore Harbor, MD -- 28
90. 1848 -- Sep 17, *Concordia*, Boiler Explosion, Mississippi River, Plaquemine, LA -- 8-28
91. 1901 -- Aug 28, Boiler Explodes, *City of Trenton*, Delaware Riv., ~Torresdale, PA --26-28
92. 1969 -- Jan 14, Explosions and Fire on USS *Enterprise*, off Pearl Harbor, Hawaii -- 28
93. 1837 -- Aug 15, Steamer *Dubuque* Boiler Explosion, Miss. Ri. Muscatine Bar, IA --16-27
94. 1863 -- Apr 27, Steamer *Ada Hancock* Explosion, San Pedro Bay, LA, CA -- 26
95. 1865 -- Oct 29, Boiler Explosion, Steamer *St. John*, ~5 miles above NY, NY -- 26
96. 1926 -- Apr 11, Tanker *Gulf of Venezuela* Explosion, Port Arthur, TX¹⁹⁹⁷ -- 26
97. 1969 -- Dec 26, USN Charter SS *Badger State* Explos./raft hit by falling bomb, N. Pacific -- 26
98. 1847 -- June 4 or 5, Steamer *Edna* Boiler Explosion, Ouachita Riv. Columbia, LA --20-25
99. 1854 -- Apr 8, Steamer *Gazelle* Boiler Explosion, Oregon City, OR -- 25
100. 1852 -- Nov 12, *Buckeye Belle* Boiler Explosion, Muskingum Riv., Beverly Canal OH-- 24
101. 1882 -- Aug 7, Steamboat *Gold Dust* Boiler Explosion, near Hickman, KY --17-24
102. 1874 -- Oct 22, Steamer *Brooklyn* Boiler Explodes, Detroit River, MI --20-22
103. 1964 -- Jun 30, Explosion/Fire, Drilling Barge *C.P. Baker*, Gulf of Mexico -- 22
104. 1956 -- Jan 17, Gasoline explos./fire, SS *Salem Maritime*, terminal, Rose Bluff, LA¹⁹⁹⁸--21
105. 1833 -- Oct 16, Boiler Explosion, Steamer *New England*, CT River, Essex, CT --13-20
106. 1836 -- Jun 09, Steamboat *Rob Roy* Boiler Explos., Miss. River, ~Columbia, AR --17-20
107. 1838 -- Dec 03, Boiler Explosion, *Augusta*, MS Riv. between Natchez/Vicksburg, MS-- 20
108. 1841 -- Aug 12, Boiler Explos., Steamboat *Louisiana*, MS Riv., Bayou Sara, LA --18-20
109. 1850 -- Jan 23, *St. Joseph* Boiler Explos., MS Ri., Islands No 80/81, ~Napoleon AR-- 8-20
110. 1850 -- Dec 17, Steamboat *Knoxville*, Boiler Explosion, New Orleans, LA --12-20
111. 1851 -- Feb 20, Boiler Explosion, Sidewheel Ferry *St. Louis*, St. Louis, MO -- 20
112. 1852 -- Apr 25, Boiler Explosion, Steamboat *Prairie State No. 2*, Pekin, IL -- 20
113. 1854 -- Aug 26, Steamboat *Timour No. 2* Boiler Explosion, ~Jefferson City, MO --17-20
114. 1858 -- Jan 28, *Fanny Fern* Boiler Explosion, Ohio River, near Lawrenceburg, IN --13-20

¹⁹⁹⁶ Cross-listed in Violence-Attack.

¹⁹⁹⁷ Cross-listed in Hazardous Materials Transportation.

¹⁹⁹⁸ Cross-listed in Explosions and in Hazardous Materials Transportation.

115. 1858 -- Feb 17, Steamer *Magnolia* Boiler Explos., Cape Fear River, White Hall, NC11-- 20
 116. 1860 -- Nov 3, Steam Towboat *Baltic* Explosion, Mobile, AL -- 20
 117. 1866 -- Mar 4, Steamer *Lockwood* Explosion/Fire, 8 miles below Memphis, TN -- 9-20
 118. 1905 -- Jan 03, Towboat *Defender* Boiler Explosion, OH River, ~Huntington WV -- 9-20
 119. 1941 --Mar 24, Oil Tanker *Cities Service Denver* Explosion/Fire, off NC/SC coast¹⁹⁹⁹19-20
 120. 1945 -- Feb 5, Tanker *Spring Hill* hit/explosion/fire, off Stapleton, Staten Island, NY-19-20

Maritime Disasters -- EXPLOSIONS Subset – Deadliest American – By Mortality (Cont.)

121. 1881 - Dec 26, Steamer *West Point* gasoline fumes explos., York Ri., West Point, VA²⁰⁰⁰19
 122. 1947 -- Sep 09, Fuel Tanks Explode, Fire, *Island Queen* Steamboat, Pittsburgh, PA -- 19
123. 1847 -- May 6, Steamboat *New Hampshire* boiler explos., Ark Riv., Pine Bluff, AR--12-18
 124. 1848 -- Sep 15-21, Prop. *Goliah* Fire/Explos., Lake Huron, ~Point au Barques, MI -- 18
 125. 1926 -- Nov 19, Oil tanker *Mantilla* explos., Bethlehem Steel drydock, Sparrows Point, MD²⁰⁰¹18
 126. 1932 -- Feb 4, Explos., Sun Oil Tanker *Bidwell* while cleaning, Marcus Hook, PA²⁰⁰²-- 18
127. 1820 -- Mar 20, Steamboat *Buffalo* Explosion, Owensboro, KY -- 17
 128. 1840 -- Dec 12, Explosion, Steamboat *Cherokee*, Ark. River, Lewisburg, AR -- 17
 129. 1844 -- Aug 12, Boiler Explos., Steamer *Louisiana*, 15m north of Bayou Sara, LA -- 17
 130. 1882 -- Dec 06, Steamboat *Morning Star* Boiler Explos., MS Riv., below N.O., LA --16-17
 131. 1944 -- May 11, Explos. Ammo dump at sea, Hingham Depot boat, ~Boston Harbor, MA²⁰⁰³17
132. 1833 -- May 19, St. *Lioness* Fire/Gunpowder Explos., Red Riv., Montgomery, LA²⁰⁰⁴14-16
 133. 1842 -- Feb 25, Steamboat *North Star* Boiler Explosion & Fire, Tuscaloosa, AL --15-16
 134. 1849 -- Mar 03, Steamer *Woodsman*, Mississippi River, Bayou Sara, LA -- 3-16
 135. 1892 -- Jun 13, Mil. Munitions Explos., USS *Boston*, Mare Island Navy Yard, CA²⁰⁰⁵14-16
 136. 1906 -- Dec 19, Steamer *W.T. Scovell* Boiler Explosion, ~Vicksburg, MS --10-16
 137. 1913 -- Jan 09, Boiler Explosion, *Jas. T. Staples*, Tombigbee River, ~Mobile, AL --15-16
 138. 1944 - Oct 21, Vapor Explos./Fire, USN LSMs 211/212, Berth 223, LA Harbor, CA²⁰⁰⁶-16
139. 1829 -- Sep 16, Steam Pipe Explodes, *William Peacock*, Lake Erie, ~Buffalo, NY -- 15
 140. 1830 -- Apr 01, Explosion of the *Tri-Color*, Ohio River, Wheeling, WV -- 15
 141. 1830 -- May, Boiler Explosion, *Chief Justice Marshall* Hudson River, NY -- 15
 142. 1835 -- Oct 1, Steamer *Carrollton* Explosion, Baton Rouge, LA -- 8-15
 143. 1836 -- ~Oct , Steamer *Nicholas Biddle* Boiler Explosion, below Memphis TN --13-15
 144. 1836 -- Dec 19, Boiler Explosion, Schooner *Dolphin*, off St. Johns Bar, FL -- 15
 145. 1847 -- Dec 20, Steamer *Westwood* hits bank, explosion, near New Orleans, LA --12-15
 146. 1849 -- Jan 14, Steamer *Richland* Boiler Explosion, Pee Dee Riv. Britton's Ferry, SC-- 15

¹⁹⁹⁹ Cross-listed in Hazardous Materials Transportation, as a possible cause of the explosion.

²⁰⁰⁰ Cross-listed in Hazardous Materials Transportation.

²⁰⁰¹ Cross-listed in Explosions.

²⁰⁰² Cross-listed in Hazardous Materials Transportation.

²⁰⁰³ Cross-listed in Explosions.

²⁰⁰⁴ Cross-listed in Hazardous Materials Transportation.

²⁰⁰⁵ Cross-listed in Explosions and in Hazardous Materials Transportation.

²⁰⁰⁶ Cross-listed in Explosions and in Hazardous Materials Transportation.

147. 1849 -- Mar 31, Steamer *Virginia* Boiler Explosion, Ohio River, Rush Run, OH --10-15
 148. 1850 -- July 31, Boiler Explosion, Steamer *America*, Lake Erie, near Buffalo, NY -- 9-15
 149. 1850 -- Nov 07, Steamboat *Telegraph* Boiler Explosion, off New Castle, DE -- 15
 150. 1853 -- Dec 22, Steamer *Marlboro/Marlborough* Boiler Explosion, Charleston SC --14-15
 151. 1854 -- Feb 16, Steamboat *Kate Kearney* Boiler Explosion, St. Louis, MO -->9-15
 152. 1857 -- Nov 17, *Cataract* Mud Drum Explosion, Missouri River, Lisbon, MO --12-15
 153. 1858 -- Feb 4, Steamer *Colonel Crossman* boiler explos., MS Riv. ~New Madrid MO--15
 154. 1860 -- Nov 08, Steamer *Globe* Boiler Explosion, dock, Chicago, IL -- 15
 155. 1869 -- Jan 13, Steamer *Glide* Boiler Explosion, ~50m above New Orleans, LA -- 15
 156. 1878 -- Sep 28, Steamer *Adelphi* Boiler Explosion, ~Gregory's Pt. E. Norwalk, CT --14-15

MARITIME Disasters -- **EXPLOSIONS** Subset – Deadliest Amer. – **MORTALITY** (Cont.)

157. 1834 -- Apr 12, Boiler Explodes, Steamer *St. Louis*, Des Moines Rapids, IA -- 14
 158. 1842 -- Feb 19, Steam Towboat *Mohican* boiler explodes, MS Ri., New Orleans, LA-10-14
 159. 1862 -- Nov 05, Steamer *J.H. Dickey* Grounds IL shore, MS River, Boiler Explodes-- 14
 160. 1924 -- Oct 20, USS *Trenton* Gun Turret Powder Bag Explosion, off Norfolk, VA -- 14
161. 1824 -- May 15 Steamboat *Aetna* Boiler Explosion, New York Harbor, NY --10-13
 162. 1833 -- Nov 08, Steamer *Illinois* Boiler Explosion, Miss. River, near Cairo, IL -- 13
 163. 1852 -- Jan 9, Steamboat *Magnolia* Explodes, St. Simon's Island, GA -- 13
 164. 1864 -- May 21, Steamboat *Nile* Boiler Explosion, Detroit, MI -- 6-13
 165. 1876 -- Mar 01, Explosion, Scow, Umatilla Rapids, OR -- 13
 166. 1893 -- May 7, Steam Flue Bursts, Steamer *Ohio*, Miss. River ~ Wolf Island, MS -- 13
 167. 1916 -- Jan 4, Gas Fumes Explosion, Oil Tanker *Aztec Norge*, Erie Basin dock, NY²⁰⁰⁷ -- 13
 168. 1974 -- Apr 9, Explosions, Oil Tanker *S.S. Elias*, Delaware River, Fort Mifflin, PA²⁰⁰⁸ -- 13
169. 1831 -- June 9, Explosion, *General Jackson*, Hudson River, Grassy Point, NY -- 12
 170. 1836 -- Aug 9, Steamer *Motto* Boiler Explos., Blennerhasset's Island, OH Riv., WV-- 12
 171. 1837 -- July 28, Boiler Explosion Sidewheel *Chariton*, St. Louis, MO -- 12
 172. 1864 -- Aug 10, Propeller Racine boiler explosion, Lake Erie, off Rondeau, Ontario -- 12
 173. 1855 -- Apr 20, Propeller *Oregon* Boiler Explosion, Detroit River, ~Belle Isle, MI -- 12
 174. 1860 -- Mar 06, Steamer *Alfred Thomas* Boiler Explosion, Del. River, Easton, PA --10-12
 175. 1862 -- Oct 08, Steamer *Ceres*, Explosion, St. Joseph Island, LA -- 12
 176. 1865 -- July 31, Steamer *Joseph Pierce* Boiler Explosion, Palmyra Landing, MS -- 12
 177. 1902 -- Dec 03, Fuel Tank Explosion, *Progreso*, Fulton Shipyard, SF, CA -- 12
 178. 1947 -- Jun 22, Tankship *Markay* Petrol. Prod. Loading Vapor Explos., LA CA²⁰⁰⁹ --10-12
179. 1830 -- Apr 22, Boiler Explosion, *New Caledonia*, MS River, near Cairo, IL -- 11
 180. 1847 -- Jan 29, Boiler Explosion, Steamer *Tuscaloosa*, 10 miles from Mobile, AL -- 11
 181. 1850 -- Oct 5, Steamer *Kate Fleming* Boiler Explos., OH R. Mouth²⁰¹⁰ ~Walker's Bar-9-11
 182. 1851 -- Aug 20, Explosion, Steamboat *Dacotah*, Peoria, IL -- 11

²⁰⁰⁷ Cross-listed in Hazardous Materials Transportation.

²⁰⁰⁸ Cross-listed in Hazardous Materials Transportation.

²⁰⁰⁹ Cross-listed in Explosions and in Hazardous Materials Transportation.

²⁰¹⁰ This would put the event between Illinois and Kentucky.

183. 1853 -- Jun 20, Boiler Explosion, Steamboat *New World*, New York, NY -- 11
 184. 1857 -- Mar 31, Steamer *Forest Rose* Boiler Explosion MS Riv., ~Napoleon, AR -- 11
 185. 1865 -- Dec 09, Ferry Steamboat *De Soto*, Explosion, Pascagoula, MS -- 11
 186. 1868 -- May 01, Propeller *Gov. Cushman* Explodes, Buffalo, NY -- 11
 187. 1886 -- Sep, Boiler Explosion, Steamboat *Julia* -- 11
 188. 1904 -- May 26, Boiler Explosion, Tow *Fred Wilson*, W. Louisville, KY -- 11
 189. 1908 -- Nov 21, Steamer *H.M. Carter* Explosion/Fire, Miss. River, Palo Alto, LA --10-11
 190. 1914 -- May 11, Boiler Scalding, *Steamer Jefferson*, Norfolk, VA to NYC -- 11
 191. 1916 -- Feb 02, Steamer *Sam Brown* Boiler Explosion, Huntington, WV -- 11
 192. 1989 -- Oct 3, F/V *Northumberland* ruptures NG pipeline/explosion/fire ~Sabine Pass, TX²⁰¹¹-11
 193. 2010 -- Apr 20, Drill Rig *Deepwater Horizon* Explosion, Gulf of Mex., ~50m, LA²⁰¹²-- 11

MARITIME Disasters -- **EXPLOSIONS** Subset – Deadliest Amer. – **MORTALITY** (Cont.)

194. 1816 -- Jun 09, Steamer *Washington* Explosion, Ohio River, Point Harmar, OH -- ~10
 195. 1837 -- Jun 19, Steamboat *Crusader* Boiler Explosion, Rabbit Island, LA -- ~10
 196. 1839 -- Nov 18, *Wilmington* Boiler Explos., MS Riv., ~AR Riv. and Napoleon, AR -- 6-10
 197. 1845 -- Feb 08, Boiler Explosion, Steamer *Siren*, below Chattahoochee, FL -- 9-10
 198. 1852 -- Dec 14, Steamer *Magnet* Boiler Explosion, OH Riv., Grandview Island, WV-- 10
 199. 1866 -- Sep 29, Steamer *Julia*, Steam Drum Explosion, San Francisco, CA -- 10
 200. 1880 -- Aug 9, Steamer *Bonnie Lee* Boiler Explosion, Lenoir Pt., Red River, LA -- 9-10
 201. 1883 -- May 25, Steamboat *Pilot* Boiler Explosion, Petaluma Riv. near Lakeville, CA-- 10
 202. 1896 -- May 10, *Harry Brown* Boiler Explosion, Miss. Riv. ~ Ursina Landing, MS -- 10
 203. 1907 -- July 15, USS *Georgia* Gun Turret Powder Explosion off Cape Cod, MA -- 10
 204. 1945 -- Jan 02, Fire/Explosion, Sun Oil Tanker *Sunoco*, off Sandy Hook, NJ²⁰¹³ -- 10
 205. 1957 -- Jan 29, Vapor Explosion, Tanker SS *Jeanny*, Shipyard, Alameda, CA²⁰¹⁴ -- 10

²⁰¹¹ Cross-listed in Explosions in that the pipeline the *Northumberland* hit was not where it should have been, under the sea-floor, and the natural gas explosion and resulting fire on the boat led to the loss of life.

²⁰¹² Cross-listed in Explosions.

²⁰¹³ Cross-listed in Hazardous Materials Transportation.

²⁰¹⁴ Cross-listed in Explosions and in Hazardous Materials Transportation.

MARITIME Disasters -- **FIRE** Subset – Deadliest American – **By MORTALITY**

1. 1904 -- Jun 15, Fire, *General Slocum* Excursion Steamer, East Riv., NYC, NY -- 957-1,200
2. 1865 -- Mar 31, Steam Transport *General Lyon* Burns off Cape Hatteras, NC --400-500
3. 1900 -- Jun 30, Fire, Steamship Piers, Ships, North German Line, Hoboken NJ²⁰¹⁵ -- 400
4. 1850 -- Jun 17, Steamer *G.P. Griffith* Burns, Lake Erie, 20m off Cleveland, OH --250-325
5. 1847 -- Nov 21, Fire, Steamboat *Phoenix*, Sinks, Lake MI, off Sheboygan, WI --160-258
6. 1869 -- Oct 27, Fire, Steamer *Stonewall*, Mississippi River, Tea Table Bar, MO --125-209
7. 1862 -- July 27, Steamboat *Golden Gate* Burns off Mexican Coast (Manzanilla) --175-200
8. 1840 -- Jan 13, Steamer *Lexington* Fire/Sinks, Long Island Sound, NY --118-156
9. 1832 -- Apr 9, Steamer *Brandywine* Burns, Miss. River, Brandywine Island, AR --60-155
10. 1934 -- Sep 08, *Morro-Castle* Ship Fire, off Coast of NJ -- 137
11. 1868 -- Apr 9, Sidewheel *Sea Bird* Burns/Sinks, Lake Mich., off Waukegan, IL --68-103
12. 1856 -- Sep 24, Sidewheel *Niagara* Burns/Sinks, Lake MI, off Port Washington, WI -- 100
13. 1852 -- July 28, Steamer *Henry Clay* Burns/Sinks, Hudson River, Yonkers, NY²⁰¹⁶ --70-90
14. 1858 -- Mar 1, Fire/Expos. ,Steamer *Eliza Battle*, Kemp’s Landing ~Demopolis AL --29-90
15. 1872 -- Oct 33, Screw Steamer *Missouri* Fire off Abaco Light, Lucaya, Bahamas --50-87
16. 1857 -- Nov 21, Steamer *Rainbow* fire/sinks, MS Ri., Victoria Bend, Napoleon, AR --20-75
17. 1871 -- Jan 14, Steamboat *T.L. McGill* Burns, Miss. River, Shoo-Fly Bar, MS --15-75
18. 1873 -- Aug 08, Steamer *Wawaset* Burns off Aquia Creek, VA --13-75
19. 1850 -- Mar 4, Steamer *Orline St. John* Burns, AL Riv. ~Bridgeport Landing, AL --30-70
20. 1875 -- Nov 9, Steamship *City of Waco* Burns, off Galveston Bar, TX --49-70
21. 1883 -- May 03, American Steamer *Grapples*, Puget Sound to Alaska, Burns, off BC -- 70
22. 1869 -- Feb 12, Steamer *Mittie Stephens* fire, Caddo Lake ~Swanson’s Landing TX --61-69
23. 1857 -- May 31, Steamboat *Louisiana* Burns, Galveston Bay, TX --35-66
24. 1902 -- Apr 20, Steamer *City of Pittsburg* Fire, OH Riv., ~Ogden’s Landing, KY -- 64
25. 1856 -- Mar 15, Steam Ferry-Boat *New Jersey* Burns, PA to Camden NJ --30-61
26. 1838 -- Jun 16²⁰¹⁷, *George Washington* (2d) Burns, Lake Erie, near Silver Creek, NY --20-60
27. 1851 -- May 02, Cincinnati Steamer *Webster* Burns, MS Riv., Kentucky Bend KY --40-60
28. 1854 -- Mar 05, Steamboat *Caroline* burns near mouth of White River, AR --45-60
29. 1867 -- Jan 17, Steamer *John Raine* Burns, Mississippi River, Greeneville, MS -- 59
30. 1856 -- July 17, *Northern Indiana* Burns, L. Erie (Buffalo-Toledo) ~Pt. Pelee, Ontario-- 58
31. 1854 -- Apr 15, Steamer *Secretary* Explosion, SF Bay, at San Pablo Bay, CA -- 50
32. 1874 -- Aug 5, Steamboat *Pat Rogers* Burns, Ohio River below Aurora, IN --47-50
33. 1924 -- Jun 12, Battleship *USS Mississippi* Gun Turret Cordite Fire off San Pedro CA -- 48
34. 1930 -- Jun 10, Fog/Collision/Fire, *Fairfax*/Oil Tanker *Pinthis*, off Scituate, MA²⁰¹⁸ --45-47
35. 1866 -- Dec 27, Steamer *Fashion* Fire, 7-12 miles above Baton Rouge, LA -- 43
36. 1848 -- May 27, Str. *Clarksville* Burns, MS R., ~Isl. 75/Ozark Isl. ~Napoleon AR --20-41
37. 1833 -- Oct 31, Steamer *St. Martin* Burns, Mississippi River, Donaldsonville, LA --30-40
38. 1833 -- Nov, Steamship *Caspian* Burns, near Mouth of Red River, LA --25-40
39. 1850 -- Dec 17, Steamboat *South America* Burns, MS River, near Bayou Sera, LA --27-40
40. 1865 -- May 29, Stm. *Governor Troup* burns Savannah Ri., below Augusta, SC shore -- 40

²⁰¹⁵ Cross-listed under Maritime, Explosions/Fires.

²⁰¹⁶ Though fire was the precipitating event, at coroner’s inquest it was stated that most of the deaths were drowning.

²⁰¹⁷ Conflicting reports as to date as well ambiguity in others, but it would appear that June 16th is the correct date.

²⁰¹⁸ Cross-listed in Fog as a Contributing Condition. There were deaths due to the collision and to the fire.

41. 1886 -- Dec 13, Fire & Explosions, Steamer *J. M. White*, near Point Coupee, LA --15-40

MARITIME Disasters -- FIRE Subset – Deadliest American – By MORTALITY (Cont.)

42. 1841 -- Feb 22, Fire, Steamer *Creole*, Miss. River, Torras, ~Red River Mouth, LA --12-36
43. 1850 -- Apr 22, *Belle of the West*, Fire / Boiler Explos.?, OH River, ~Warsaw, KY²⁰¹⁹ - 34-36
44. 1951 -- May 14, Collis./Fire USS *Valcour & Thomas Tracy* off Cape Henry VA -- 36
45. 1848 -- Jan 18, Steamboat *Yalobusha* Burns, Donaldsonville, LA -- 35
46. 1864 -- Jun 08, Fire Steamboat *Berkshire*, Hudson River, Esopus Island, NY -- 35
47. 1865 -- Mar 2, Union Transport *James Watson* Grounds/burns?, MS Riv., Isl. No. 76, AR²⁰²⁰-30-35
48. 1941 --Aug 18, Fire, Pier 27, spreads to Freighter *Panuco*, burns/sinks, Brooklyn NY --34-35
49. 1888 -- Dec 23, Steamer *Kate Adams* Burns, MS River, Commerce Landing, MS --14-33
50. 1866 -- Apr 26, Steamer *Windsor* Burns, Detroit River, Detroit, MI --20-31
51. 1863 -- Aug 04, Steamboat *Ruth* Burns, Mississippi River, ~Columbus, KY -- 30
52. 1875 -- Apr 23, Steamers *Exporter, Charles Bodman, Kyle* Burn, New Orleans, LA -- 30
53. 1882 -- Sep 30, Steamboat *Rob't. E. Lee* burns, Miss. River, Yucatan Landing, MS --~25-30
54. 1888 -- Dec 24, Steamer *John H. Hanna* Burns, Mississippi Riv., Plaquemine, LA --20-30
55. 1876 -- July 9, Steamer *St. Clair* Fire, Lake Superior off 14 Mile Point, MI --26-27
56. 1867 -- Dec 24, Steamer *Raleigh* Burns to water, off Charleston, SC --14-24
57. 1886 -- Dec 28, Fire, Steamer/Boarding House *Bradish Johnson*, Jackson, AL²⁰²¹ -- ~24
58. 1887 -- Jun 17, Steamer *Champlain* Burns, Lake Michigan, off Charlevoix, MI --20-24
59. 1907 -- Feb 22, Steamer *Marion* Burns, Wadmalaw Sound, Hart's Landing, SC --12-24
60. 1854 -- Oct 08, Steamer *E.K. Collins* Burns, near Mouth of Detroit River, MI --20-23
61. 1855 -- Mar 27, Steamer *Bulletin No. 2* Burns, Mississippi River, Tompkin's Bend -- 23
62. 1858 -- Apr 02, Steamer *Sultan* Fire, Mississippi River, near St. Genevieve, MO -- 23
63. 1858 -- Apr 22, Steam *Ocean Spray* Fire (Racing), Miss. River, ~St. Louis, MO --10-23
64. 1867 -- May 21, Steamer *Wisconsin* Fire/Drowning, Lake Ont., ~ Cape Vincent, NY -- 23
65. 1877 -- Apr 13, Steamer *Leo* Burns 83 miles south of Tybee Light, GA -- 23
66. 1867 -- Feb 10, Steamer *City of Bath* Fire off Cape Hatteras, NC -- 22
67. 1873 -- Feb 15, Steamer *Henry A. Jones* Burns, Galveston, TX -- 21
68. 1887 -- Mar 01, *W.H. Gardner* Burns, Tombigbee River, near Gainesville, AL -- 20
69. 1945 -- Feb 05, Tanker *Spring Hill* hit/explosion/fire, off Stapleton, Staten Island, NY--19-20
70. 1947 -- Sep 09, Fuel Tanks Explode, Fire, *Island Queen* Steamboat, Pittsburgh, PA -- 19
71. 1890 -- Nov 27, Steamer *T. P. Leathers* Burns, Miss. River, Point Breeze, MS --17-19
72. 1891 -- Oct 29, Str. *Oliver Beirne* Fire, MS Ri., Millikens Bend, ~Vicksburg MS --15-19
73. 1848 -- Sep 15-21, Prop. *Goliah* Fire/Explos., Lake Huron, ~Point au Barques, MI -- 18
74. 1918 -- Oct 16, Fire, Steamer *Dumaru*, Pacific Ocean, 22 miles off Guam -- 18
75. 1871 -- Nov 22, Steamer *City of New London* Burns, Norwich, CT -- 17
76. 1848 -- Oct 06, Steamer *Piney Woods* Burns, near Springfield, LA --15-16
77. 1860 -- Apr 26, Steamer *Alfred T. Lacy* fire, Island 16, MS Riv., ~Caruthersville, MO--13-16
78. 1866 -- May 03, Clipper *Hornet*, NY to San Francisco, burns sinks, Pacific Ocean -- 16
79. 1920 -- Nov 18, Motorboat fire, Lumbermen drownings, Chesuncook Lake, ME -- 16

²⁰¹⁹ There were newspaper stories of 50-120 deaths. We use lower estimates found in government and later writings.

²⁰²⁰ Cross-listed in Grounding in that sources note grounding as cause of loss, fire as cause of loss, and grounding followed by fire as cause of loss.

²⁰²¹ Cross-listed in Fires.

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|-----|---|----|-------|
| 80. | 1930 -- Apr 24, Long Island Sound Freighter <i>Thames</i> Burns, ~Captains Island, CT | -- | 16 |
| 81. | 1909 -- Dec 8, Steamer <i>Clarion</i> Fire, Lifeboat Loss, Lake Erie, SE Shoal Light | -- | 15 |
| 82. | 1919 -- May 23, Steamer <i>Virginia</i> Fire ~Potomac Riv. mouth, Chesapeake Bay, MD | -- | 6-15 |
| 83. | 1854 -- Oct 06, Steamer <i>Princess</i> Burns, Mississippi River, Fort Adams, MS | -- | 14 |
| 84. | 1868 -- Oct 06, Propeller <i>Perseverance</i> Burns, Lake Ontario off Pultneyville, NY | -- | 14 |
| 85. | 1904 -- Feb 27, Fire/Drowning, Steamship <i>Queen</i> , off Coast of OR | -- | 14 |
| 86. | 1884 -- Apr 3, <i>Rebecca Everingham</i> fire, Chattahoochee Riv., Fitzgerald Landing, GA | -- | 13 |
| 87. | 1844 -- Jun 19, Sidewheel Steamer <i>Palestine</i> Fire and Drownings, MS Ri., ~Cairo, IL | -- | 12 |
| 88. | 1852 -- Apr 11, <i>Pocahontas</i> Fire, Miss. River, Island No. 78, Choctaw Bend, AR | -- | 10-12 |
| 89. | 1866 -- Jan 09, Steamer <i>Asher Ayres</i> Burns, Altamaha River, Darien, GA | -- | 6-12 |
| 90. | 1867 -- Mar 03, Propeller steamer <i>Andalusia</i> Fire and Drownings, off Hatteras, NC | -- | 12 |
| 91. | 1887 -- Dec 20, Str. <i>San Vicente</i> , SF to Santa Cruz, Burns off Point New Year, CA | -- | 12 |
| 92. | 1927 -- Apr 08, Gloucester, MA fishing schooner <i>Commonwealth</i> burns, N.S. coast | -- | 12 |

MARITIME Disasters -- FIRE Subset – Deadliest American – By MORTALITY (Cont.)

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|-----|--|----|------|
| 93. | 1867 -- Nov 17, Steamboat <i>Onward</i> burns, Alabama River, Bells Ledge, AL | -- | 11 |
| 94. | 1888 -- Jan 09, Ship <i>John T. Berry</i> , Philadelphia, Pa. to Japan, Burns at Sea | -- | 11 |
| 95. | 1852 -- Jan 14, Steamer <i>Martha Washington</i> Burns, MS Riv., Island #65 ~Jackson Pt. | -- | 5-10 |
| 96. | 1906 -- Apr 13, Battleship USS <i>Kearsarge</i> Turret Powder Fire off Cape Cruz Cuba | -- | 10 |
| 97. | 1912 -- Feb 29, Steamer <i>J.E. Trudeau</i> Burns, Belle River, LA | -- | 10 |
| 98. | 1924 -- July 05, <i>Three Rivers</i> Fire, Chesapeake Bay, off Cove Point, MD | -- | 10 |
| 99. | 1945 -- Jan 02, Fire/Explosion, Sun Oil Tanker <i>Sunoco</i> , off Sandy Hook, NJ | -- | 10 |

Maritime Disasters -- FOUNDERING/Sinking/Capsizing/Swamped Subset (except Storms)

1. 1915 -- July 24, *Eastland* Passenger Ship overloaded, Capsizes, Chicago, IL --812-852
2. 1919 -- Nov 7-9, Baltimore MD Steamer *Polar Land* founders off Scatarie Isl. NS -- 51
3. 1916 -- May 09, Steamer *Roanoke* Founders, off Point Buchon, CA --45-47
4. 1903 -- Oct 22, Steam Screw Freighter *Milwaukee* Founders, Lake Michigan -- 46
5. 1894 -- Jun 14, Steam Tug *James D. Nicol* Overloaded, Founders, Sandy Hook, NJ --35-42
6. 1943 -- Jun 12, U.S. Navy Submarine R-12 Sinks Accidentally, Lower FL Keys -- 42
7. 1875 -- Nov 18 Sch. *Sunshine* Strands, Columbia mouth, near Cape Foul-Weather OR--20-40
8. 1967 -- Oct 09, SS *Panoceanic Faith* (homeport NY) Founders, North Pacific --36-37
9. 1840 -- May 10, Schooner *Keola* sinks after ballast shifts, off Kahoolawe, Hawaii --26-36
10. 1854 -- Sep 12, Steamer *Malon* Sinks, Ohio River, near Paducah, KY -- 36
11. 1870 -- Oct 09, Sternwheel Steamer *Mariposa* Founders off Coast of FL -- 36
12. 1971 -- Mar 27, SS *Texaco Oklahoma* Breaks-up, Sinks, off Cape Hatteras, NC -- 36
13. 1924 -- Mar 11, Ward Line Steamer *Santiago* Founders off Hatteras, NC --25-35
14. 1898 -- May 22, Seattle Schooner *Jane Grey*, leaks, sinks, W of Cape Flattery, WA -- 34
15. 1807 -- July, South Ferry scow Sinks, Hudson River, Albany, NY -- 33
16. 1859 -- Dec 18, Ship *Silas Holmes* Founders vicinity of Florida Keys, FL -- 33
17. 1887 -- July 10, Overloaded Sloop Yacht *Mystery* Capsizes, Canarsie Bay, LI, NY --24-33
18. 1941 -- June 19, USS *O-9* (SS-70) Lost, Deep Submerge. Test off Isle of Shoals, NH -- 33
19. 2015 -- Oct 1, U.S. cargo ship *El Faro* sinks / Hurricane Joaquin, off east Bahamas²⁰²²-- 33
20. 1948 -- May 31, USN Carrier *Kearsarge* Launch Swamped, Hampton Roads, VA --30-32
21. 1914 -- Jan 04, Steamer *Oklahoma* breaks-up/sinks/rough sea, off Sandy Hook, NJ --26-32
22. 1910 -- Oct 01, Battleship *New Hampshire* Launch Capsizes, Hudson River, NY --23-31
23. 1917 -- Sep 03, Bark *Alice Knowles* Founders 200 miles Northeast of Bermuda -- 31
24. 1983 -- Feb 12, gale, collier *Marine Electric* (34 crew) capsizes/sinks off Chincoteague, VA--31
25. 1910 -- Sep 09, *Pere Marquette 18* Founders, Lake Mich., 20M off Sheboygan, WI --25-30
26. 1937 -- Jan 30, WPA Worker Barge Sinks, Birds Pt./New Madrid Spillway, MO²⁰²³ --26-30
27. 1924 -- Sep 22, Steamer *Clifton* Lost, Lake Huron, off Coast of MI -- 28
28. 1939 -- May 23, Submarine *The Squalus*, Sinks 16 miles off Portsmouth, NH --26-27
29. 1909 -- May 18, Drownings, overloaded Launch Sinks, Ohio River, ~Schoenville, PA --20-26
30. 1842 -- May 06, Sail boat *Polka* tips/Sinks, off Thompson's Island, Mass Bay, MA -- 25
31. 1851 -- Dec 09, Steamboat *Clermont* sinks (unknown cause), White River, AR --20-23
32. 1859 -- Oct 16, Propeller *Troy* Founders, Lake Huron Storm, Point aux Barques, MI -- 23
33. 1925 -- May 8, US Steamer *M.E. Norman* Capsizes/Sinks, MS Riv., Coahoma, MS -- 23
34. 1885 -- May 5, New Bedford, MA Whaling Bark *Napoleon* Sunk by Ice, Bering Sea -- 22
35. 1909 -- July 18, Sloop *Roxana* Capsizes, and other Drownings, N. Y. Bay --19-22
36. 1913 -- May 02, Steamship *Concordia* Founders, Tensas River, for Natchez, MS -- 22
37. 1919 -- Nov 11, *John Owen* Founders, Lake Superior, Out of Duluth, MN -- 22
38. 1852 -- Aug 22, Overcrowded Ferryboat Capsizes, Hudson River, Albany, NY --10-20
39. 1863 -- Oct, Steam Screw *Water Witch* Founders, Saginaw Bay, MI -- 20
40. 1899 -- Jan 14/15, Sailing Ship *Andelana* sinks while moored at Tacoma, WA --17-20
41. 1905 -- Aug 28, Steamship *Peconic* Founders off Northeast Coast of FL -- 20

²⁰²² Cross-listed in Hurricanes and in Maritime-Storms. 28 U.S. nationals and 5 Polish nationals were onboard.

²⁰²³ The barge definitely tipped and then sank. It is not clear if this was from striking something in the water or from unbalancing – approximately 130 WPA workers shifting around.

42. 1918 -- Sep 17, Storm, Cal. Steamer *San Gabriel* Founders off Cape Lucas, Mexico -- 20
 43. 1942 -- Dec 31, *Maiden Creek* Founders and Sinks, off S. Long Island, NY -- 20
 44. 1953 -- Sep 02, Military Pontoon Raft Capsizes in lake, Fort Bragg, NC -- 20
 45. 2005 -- Oct 02, *Ethan Allen* tour boat capsizes, Lake George, near Cramer Point, NY -- 20

MARITIME Disasters -- **FOUNDERING/Sinking/Capsizing** Subset (except storms)– cont.

46. 1883 -- Jan 2, Cowe Tunnel Convict Boat Capsizes, Tuckasegee River, Western NC -- 19
 47. 1903 -- Mar 07, Ferryboat Capsizes, Hudson River, Spier Falls ~Glens Falls, NY --17-19
 48. 1905 -- Nov 28, *Ira H. Owen* Founders, Lake Sup. Storm, Outer Is., Apostles, WI -- 19
 49. 1913 -- Apr 06, Grounded Barque *Mimi* Capsizes during Salvage, Nehalem Spit, OR -- 18
 50. 1918 -- Dec 19, Standard Oil Tanker *George Loomis* founders ~Blunts Reef Light CA-- 18
 51. 1930 -- Nov 8, Lumber Schooner *Brooklyn* Founders, Humboldt Bar, Eureka, CA -- 18
 52. 1943 -- Feb 20, USN Minesweeper *YMS-133* Capsizes, off Coos Bay, OR -- 18
 53. 1962 -- Aug 18, Overloaded Sunday School boat capsizes, Lake Talquin ~Quincy, FL-- 18
 54. 1893 -- Aug 24, Storm, Tugboat *Panther* Sinks, SE Coast Long Island, NY -- 17
 55. 1899 -- Mar 06, Steamer *L.R. Doty* Founders, Lake Michigan, near Kenosha WI -- 17
 56. 1899 -- Apr 21, Steamer *General Whitney* Founders, off St. Augustine, FL -- 17
 57. 1863 -- Dec 13, Steamer *Quincy* Founders, Cape Hatteras, NC -- 16
 58. 1919 -- Nov 22, Steamer *Myron* & Barge *Miztec*, Founder off Whitefish Point, MI -- 16
 59. 1973 -- May 19, Fishing Boat *Comet* Founders off Point Judith, RI -- 16
 60. 1880 -- Apr 27, Schooner *Olivia Schultze* Founders, ~mouth of Sinslaw River, OR -- 15
 61. 1915 -- Apr 03, Steamer *Edward Luckenbach* Founders, False Capes, VA -- 15
 62. 1930 -- July 29, Sandsucker *George J. Whelan* Capsizes/Sinks, off Dunkirk, NY -- 15
 63. 1942 -- Dec 2, Navy boat capsizes (shore-leave sailors); Narragansett Bay ~Jamestown, RI-- 15
 64. 2001 -- April 1-2, fishing boat *Arctic Rose* (homeport Seattle, WA) sinks, Bering Sea -- 15
 65. 1841 -- Nov, Pilot Boat & boat from *William Gaston* Capsize, Indian River Bar, FL -- 14
 66. 1902 -- July 17, Sudden Squall, Excursion Party Boat Capsizes, ~Appledore Is. ME -- 14
 67. 1909 -- Dec 26, Schooner *Davis Palmer* Founders off Boston Harbor, MA -- 14
 68. 1930 -- Jan 28, *Edgar F. Coney* Sinks/Storm, Gulf of Mex. ~70m off Sabine Pass, TX-- 14
 69. 1983 -- Feb 14, Crab boats *Altair* & *Americus* capsizes, *Altair* sinks, Bering Sea ~AK -- 14
 70. 1874 -- Apr 15, Tow Boat Capsizes, Mississippi River, Below New Orleans, LA -- 13
 71. 1901 -- May 24, Steamer *Baltimore* Founders, Lake Huron, near Au Sable, MI -- 13
 72. 1902 -- Feb 02, *Belle of Oregon*, *Antelope*, *Mystic Bell* lost, near Fire Is., NY -- 13
 73. 1919 -- Dec 26, Schooner *Eleanor A. Percy* Founders of coast of Ireland -- 13
 74. 1999 -- May 01, Sinking, *Miss Majestic*, off St. John's Island, Lake Hamilton, AR -- 13
 75. 1902 -- Mar 17, Monomoy Station Lifeboat Capsizes off Chatham, MA -- 12
 76. 1907 -- Apr 13, Steamer *Arcadia* Founders, Lake Michigan, Big Sable, MI -- 12
 77. 1936 -- June 19, Outboard Motor Boat Capsizes, Children Drown, Lake Gardner, ME -- 12
 78. 1939 -- Salmon boat *Oduna* sinks off Noyes Island, AK -- 12
 79. 1822 -- Oct 27, Ship *Savannah* Grounds and Breaks-up ~ Fire Island, Long Island, NY-- 11
 80. 1886 -- Mar 16, Stm. *Beda*, Columbia Ri. to SF CA Founders ~Cape Perpetua OR -- 11
 81. 1905 -- July 7, Drownings, at Log Jam, Chippewa River, Little Falls Dam, WI -- 11
 82. 1908 -- Feb 14, Ship *Emily Reed* Grounds, Nehalem Beach, OR -- 11
 83. 1908 -- Apr 26, *Miriam* hit by "Cyclone," Capsizes, Miss. River, ~Hardins Point, AR-- 11
 84. 1909 -- Aug 18, Gloucester, MA Schooner *Orinoco* capsizes, Sambro, Nova Scotia -- 11

- 85. 1919 -- July 25, Springfield Boys' Club Boat Capsizes, Big Pond, East Otis, MA -- 11
- 86. 1921 -- Oct 30, Two Hilton Fishing Co. Boats Capsize, off Anglesea, NJ -- 11
- 87. 1927 -- July 08, Boat with Miss. River Flood Evacuees Overturms, Port Barre, LA -- 11
- 88. 1944 -- Mar 16, Assault Boat Cap., Trng. Drownings, Lakewood, ~Camp Robinson, AR-- 11
- 89. 1959 -- Nov 27, Capsizing, MV National Pride, off Coast of TX, near Galveston -- 11
- 90. 2003 -- June 14, *Taki-Too* fishing charter capsizes crossing bar, Tillamook Bay Inlet, OR -- 11

MARITIME Disasters -- FOUNDERING/Sinking/Capsizing Subset (except storms) – cont.

- 91. 1848 -- Apr 18 Schooner *Tribune* Missing Lake MI., found off Cathead Point, MI -- 10
- 92. 1851 -- ~Nov-Dec, Fishing Schooner *Franklin Dexter* Capsizes, Pollock Rip, MA -- 10
- 93. 1864 -- Nov 08, *Mojave* Sinks, mid Lake MI betw. Sheboygan WI, Big Sable Pt. MI -- 10
- 94. 1876 -- Apr 8, Gloucester, MA Fishing Schooner *Henrietta Greenleaf* Capsizes, ~GB -- 10
- 95. 1884 -- Jan 23, Raft upset/drownings, Upper Cumberland River, near Carthage, TN -- 9-10
- 96. 1899 -- Mar 07, Steamer *James Bowen* Founders off Hog Island, VA -- 10
- 97. 1902 -- Dec 05, Schooner *Wesley M. Oler* Founders off Hatteras Inlet, NC -- 10
- 98. 1910 -- Jan 22, Schooner *Henry B. Fiske of Boston*, Capsizes off Nantucket, MA -- 8-10
- 99. 1911 -- Aug 26, Schooner *Margaret A. May* Founders, Kiawah Island, SC -- 10
- 100. 1912 -- Dec 15, Schooner *S.O. Co. No. 87* Founders, Gulf of Mexico -- 10
- 101. 1913 -- Jun 28, Raft Ferry Sinks, Drownings, Kiskiminetas River, near Leechburg, PA-- 10
- 102. 1913 -- Dec 26, Barges *A.G. Ropes & Undaunted* Founder, off Barnegat NJ -- 10
- 103. 1915 -- Apr 5, Gale, Schooner *John B. Manning* found bottom-up 20m N, Hatteras NC--10
- 104. 1923 -- Apr 6, Steamer *John Dwight* sinks, suspected rum runner, Vineyard Sound, MA²⁰²⁴8-10
- 105. 1942 -- Jan 08, Army Boat *General Richard Arnold* Sinks off Isles of Shoals, NH -- 10
- 106. 1943 -- Apr 19, Cabin Cruiser *Legionnaire* Sinks, South Bay, off Long Island, NY -- 10
- 107. 1987 -- Feb 5, Fishing vessel *Fish-n-Fool* (LA, CA) capsizes ~Isla De San Martin, MX--10

Other:

- 1908 -- Sep 1, Drownings, Sloop Capsizes in Squall, Penobscot Bay off Deer Isle, ME -- 7

²⁰²⁴ One theory is that the ship was intentionally scuttled.

Maritime -- GROUNDING/Stranding (Bars, Reefs, Rocks, Shore) Subset

1. 1918 -- Oct 25, *Princess Sophia* (Can.) Strands, Vanderbilt Reef ~Juneau AK²⁰²⁵ --333-360
2. 1865 -- July 30, Storm, *Brother Jonathan* Grounds & Sinks off Crescent City, CA --146-225
3. 1785 -- Sep 02, Immigrant Ship *Faithful Steward* Sinks, Coast of DE²⁰²⁶ -- >200
4. 1853 -- Feb 16, Steamer *Independence* Hits rock/sinks, Margarita Island, Lower CA-120-172
5. 1901 -- Feb 22, *City of Rio de Janeiro* Grounds/Sinks, Fog, Fort Point, SF Bay CA²⁰²⁷ --~140
6. 1906 -- Jan 22, Storm, *Valencia* Grounds/Sinks south side Vancouver Island, BC --117-136
7. 1705 -- Dec 19-21, Privateer *Castle Del Rey*, Grounds/Breaks-up, Sandy Hook, NJ -- 132
8. 1837 -- Jan 2, Barque *Mexico* Grounds, Hempstead Beach, So. Shore Long Island, NY-- 116
9. 1908 -- Sep 20, Ship *Star of Bengal* Grounds, Coronation Island, AK -- 112
10. 1884 -- Jan 18, *City of Columbus* hits Devil's Bridge reef, ~Martha's Vineyard, MA --97-103

11. 1778 -- Dec 26-27, Blizzard, New Eng., esp. MA and RI, brig *Arnold*, sloop *Stark* -- 101
12. 1700 -- Sep 14, Hurricane, *Rising Sun* wrecked, Ashley River bar, Charleston, SC²⁰²⁸ -- ~100
13. 1919 -- Jan 10, Steamer *Yuna* Grounds, Monchoir Bank, Bahamas -- 64
14. 1846 -- Feb 14/15, Winter Snow Storm, *John Minturn* & other boats ground/wreck, NJ-50-60
15. 1856 -- Oct 29/30, Stmr. *Superior* Grounds, Lake Sup. Storm, Pictured Rocks, MI --34-54
16. 1947 -- Nov 24, storm, Army transport *Clarksdale Victory* grounds, Hippa Island, BC²⁰²⁹ --49
17. 1865 -- Dec 26-27, Fog, Steamer *Constitution* Grounds, Cape Lookout shoals, NC²⁰³⁰ --30-48
18. 1852 -- Jan 31, Steamer *General Warren* Grounds/wrecks, Columbia River Bar, OR --40-42
19. 1921 -- Aug 06, Steamer *Alaska* Grounds off Blunts Reef, CA -- 42
20. 1845 -- Apr 07, Steamer *Swallow* Grounds, Hudson River, near Athens, NY --15-40
21. 1860 -- Jan 5, Steamer *Northerner* hits rock off Centerville Beach, S of Humboldt Bay CA --33-38
22. 1919 -- Dec 18, Steamer *J.A. Chanslor* Hits Rocks, Wrecks, off Cape Blanco, OR -- 38
23. 1853 -- May 15, US (Baltimore built) *Monumental City* grounds, Tullaberga Is. Aus. --32-37
24. 1913 -- Jan 07, Stm. *Rosecrans* Grounds, mouth Columbia Riv., Peacock Spit, OR --30-36
25. 1865 -- Mar 2, Union Transport *James Watson* Grounds/burns?, MS Riv., Isl. No. 76, AR²⁰³¹ --30-35
26. 1865 -- Feb 25, Union Transport *James Watson* Grounds, MS Riv., Island No. 76 -- ~34
27. 1932 -- Sep 27, Steamer *Nevada* hits rock off Aleutian Island Amatignak, AK -- 34
28. 1913 -- Aug 17, Steamer *State of California* hits rock, Gambier Bay, Admiralty Is. AK--31-32
29. 1842 -- Nov 30, Coastal Storm, *Isadore* lost, Cape Neddock ME, also MA and NH --28-30
30. 1854 -- Oct 02 S.S. *Yankee Blade* Capsizes on Reef in Fog, near Pt. Arguello, CA²⁰³² --15-30
31. 1858 -- Feb 20, Ship *John Milton*, Grounds in Snow Storm, Montauk, L.I., NY -- ~ 29
32. 1851 -- Jan 07, Brig *Martha Sanger*, California to NY, wrecks on reef, Caribbean -- 27
33. 1886 -- Dec 17, Whaling Bark *Atlantic* Grounds near San Francisco, CA -- 27
34. 1780 -- American Sailing Ship *Watt* Wrecks on Long Island, NY -- 26
35. 1798 -- Nov 17-21, New England Blizzard and Maritime Storm²⁰³³ -- >25

²⁰²⁵ Listed herein in that more than ten U.S. citizens died, as well as because the disaster was in U.S. territory.

²⁰²⁶ Cross-listed in Maritime.

²⁰²⁷ Cross listed in Fog as Contributing Factor.

²⁰²⁸ Cross-listed in Hurricanes.

²⁰²⁹ Part of Canadian Graham Island group just south of southern point of Alaska's Alexander Archipelago.

²⁰³⁰ Cross-listed in Fog as a Contributing Condition.

²⁰³¹ Cross-listed in Fire in that sources note grounding as cause of loss, fire as cause of loss, and grounding followed by fire as cause of loss.

²⁰³² Cross listed in Fog as a Contributing Condition.

36. 1877 -- Nov 20, U.S. Schooner *George Washington* Strands, Mistaken Point, NFLD -- 25
 37. 1894 -- May 11, Amer. Whaling Bark *James Allen* hits rock/sinks, Amlia Isl., AK -- 25
 38. 1910 -- Jan 12, Steamer *Czarina*, Grounds on Coos Bay Bar, Oregon -- 24
 39. 1868 -- Jun ~15, British Bark *Istria* Wrecks, Diamond Shoals, off Cape Hatteras, NC -- 23
 40. 1869 -- Jan 11, Steamer *Gulf City* Grounds and Breaks-up, Cape Lookout, NC --22-23
 41. 1914 -- Nov 23, Steamer *Hanalei* Grounds, Duxbury Reef ~ San Francisco, CA -- 23
 42. 1923 -- Sep 08, 7 US Navy Ships Run Aground, Fog, Honda Point CA -- 23

MARITIME Disasters – GROUNDING Subset -- By MORTALITY Cont.

43. 1864 -- Feb 22, Steamship *Bohemian* wrecks, Alden’s Rock, off Richmond Isl., ME --19-20
 44. 1891 -- Feb 21, Ship *Elizabeth*, NYC to SF, Grounds, Tenn. Cove, Marin Ct. CA --17-20
 45. 1892 -- Feb 02, SF, CA Whaling Bark *Tamerlane*, Strands, Puna Island, HI -- 19
 46. 1903 -- Oct 19, Steamer *South Portland* Grounds, Cape Blanco, OR -- 19
 47. 1786 -- Dec 5, Gale, sloop grounds, Lovell’s Isl., Brig at Pt. Shirley, Boston Harbor, MA--18
 48. 1903 -- Jan 02, Bark *Prince Arthur*, Grounds on Rocks off Coast of WA -- 18
 49. 1807 -- July 11, Schooner *Charles*, Wrecks on Reef, fog, west of Portland Light, ME²⁰³⁴-- 16
 50. 1846 -- Oct 12, Steamer *Colonel Harney* Strands, Brazos, TX -- 15
 51. 1885 -- Aug 20, Brit. Bark *Haddingtonshire* Strands 3 miles north of Point Reyes, CA-- 15
 52. 1903 -- May 5, fog, Gloucester, MA fishing Sch. *Gloriana* grounds, White Point, N.S.²⁰³⁵-15
 53. 1903 -- Sep 16, Gloucester Sch. *George F. Edmunds*, grounds, storm, Pemaquid Pt. ME-- 15
 54. 1915 -- Jan 24/25, Sch. Yacht *Idler* Grounds, Diamond Shoals, ~Cape Hatteras, NC --12-15
 55. 1915 -- Nov 2, Steamer *Santa Clara* Grounds, Coos Bay Bar, OR --12-15
 56. 1879 -- Apr 18, Steamer *Great Republic* Strands, Columbia River, Sand Island, OR --13-14
 57. 1943 -- Jan 12, USN Destroyer *Worden* hits rock/sinks, off Amchitka Island, AK -- 14
 58. 1876 -- Sep 17, Steamer *Rebecca Clyde*, Strands/Wrecks, 20m so. of Hatteras, NC --12-13
 59. 1969 -- May ~31, CA-based Racing Yacht *Goodwill* Grounds on Reef off Baja, CA -- 9-13
 60. 1838 -- Barque *Edward Quesnel* Grounds on Nepeague Beach, Long Island, NY --10-12
 61. 1895 -- Feb 09, Gloucester Schooner *Clara F. Friend* strands, Eastern Head, N.S. -- 12
 62. 1906 -- Jan 13, Schooner *Robert H. Stevenson* Grounds, Diamond Shoals, NC -- 12
 63. 1906 -- June 11, Steamer *Corinthian* Grounds, Humboldt Bar, CA -- 12
 64. 1910 -- May 11, Steamer *City of Saltillo* Grounds on Rock, Sinks, Glen Park, MO -- 12
 65. 1911 -- July 07, Steamer *Santa Rosa* Grounds north of Point Arguello, CA -- 12
 66. 1908 -- May 2, Steamer *Minnie E. Kelton* Grounds, Yaquina Head, OR -- 11
 67. 1921 -- Jan 31, Schooner *Carroll A. Deering*, Grounds, Diamond Shoals, Cape Hat., NC – 11
 68. 1933 -- Jan 24, Storm, Diesel *Umnak Native* strands, Inanudak Bay, Umnak Isl., AK -- 11
 69. 1946 -- Feb 04, AK Steamship *Yukon* hits rocks off Johnstone Bay, SE of Seward, AK-- 11
 70. 1883 -- Jan 29, Steam Collier *Tacoma* grounds off Umpqua, OR -- 10
 71. 1908 -- Jan 08, Schooner *John F. Miller* Grounds, Nelson Lagoon, AK -- 10
 72. 1912 -- Mar 15, Gloucester MA Schooner *Patrician* **founders**, Jordan Bay, Nova Scotia-- 10

²⁰³³ There was a much larger loss of life, but we do not know the approximate number. David Ludlum writes in *Early American Winters 1604-1820* (p. 75) that “hundreds” died in this storm and that the bodies of at least 25 sailors were pulled from wrecked ships on Cape Cod alone. He also notes that at least seven ships were lost near Cape Cod with all aboard.

²⁰³⁴ Cross-listed in Fog as a Contributing Condition

²⁰³⁵ Cross-listed in Fog as a Contributing Factor.

Other:

1893 -- Aug 03, Steamer *Rachel* Sinks, Lake George, ~Fourteen Mile Island Hotel, NY-9

MARITIME Disasters -- LOST (not found) Subset – Deadliest Amer. – By MORTALITY

1. 1829-30, Brig *Kamehameha* lost, Honolulu HI, Dec 2, for Eromango island --250~300
2. 1800 -- Sep 20 (after), USS *Insurgent* disappears after leaving Hampton Roads, VA -- 340
3. 1918 -- Mar 04, Last sighting of Collier USS *Cyclops*, off Barbados, Caribbean -- 306
4. 1860 -- Sep 18, U.S. Navy Sloop-of-War *Levant* sails SE from Hilo, HI, Lost --150-210
5. 1856 -- Jan 23, Amer. Steamer *Pacific* leaves Liverpool, Sinks, Irish Sea ~Wales²⁰³⁶ -- 186
6. 1870 -- Jan, Steamer *City of Boston* sails from NYC for Liverpool, Lost -- 177
7. 1879 -- Feb 20-21, Storm, ~13 Gloucester, MA Schooners Lost, George's Bank, NF-143-157
8. 1829 -- Sep 29, Brig USS *Hornet* Disappears, Gale off Tampico, Caribbean -- 145
9. 1841 -- Mar 11, Steamer *President* sails from New York, not heard from again -- 136
10. 1815 -- Aug 8, Last sighting of Sloop-of-War USS *Epervier*, Lost, Atlantic Ocean -- 134
11. 1781 -- Mar 18, Gale, Continental Sloop *Saratoga* Lost off the Bahamas²⁰³⁷ -- ~ 86
12. 1864 -- Feb-Mar (esp. Mar 22), Eight Gloucester MA Fishing Schooners Lost at Sea --74-75
13. 1857 -- Mar 13, Schooner *Kamamalu* sails from Honolulu for Hilo, Lost -- ~70-72
14. 1815 -- Jan 23, Portland ME Privateer *Dash* lost, presumably on George's Bank -- 63
15. 1777 -- Privateer *The Gloucester* Lost, out of Gloucester, MA -- ~60
16. 1921 -- Mar 21, Ocean-going Tug USS *Conestoga* leaves Mare Island, CA, Lost -- 56
17. 1820 -- Jan 11, Last sighting of Schooner USS *Lynx*, St. Mary's, GA to Jamaica -- 50
18. 1921 -- Jan 20, Steamer *Hewitt* sails from Sabine TX for Boston MA, Lost -- 42
19. 1885 -- Oct 12, Last sighting of Whaling Bark *Amethyst* of SF, CA on Arctic trip -- 40
20. 1913 -- Jan 1-25, Steamer *El Dorado* Lost, from Sparrow Point MD to Galveston, TX-- 39
21. 1910 -- Oct 11-14, Steamship *Arkadia* Lost, from New Orleans, LA to San Juan, P.R. -- 37
22. 1920 -- Feb 29, Steamer *Cubadist* Lost from Cuba to Baltimore MD -- 37
23. 1915 -- Nov 03, Steamer *Orteantan* sails from NY, NY, not heard from again, Lost -- 36
24. 1921 -- Oct 24, Last com. with Oil Tanker *Santa Rita*, New Orleans to Italy, Lost -- 35
25. 1934 -- Nov 9, Schooner *John R. Manta* lost after sailing from Providence, RI -- 31
26. 1980 -- Oct 24, *SS Poet* leaves Philadelphia for Egypt, lost, probably Oct 25-26 -- 34
27. 1901 -- Dec, Steamship *Matteawan* lost off West Coast -- 33
28. 1916 -- Freight Steamer *Frederick* Lost at Sea, North Atlantic -- 33
29. 1905 -- Nov 25, *Nellie Coleman* Lost at Sea, Squaw Harbor, AK to Seattle, WA --12-30
30. 1914 -- May ~15, Steamer *F.J. Luckenbach*, FL to Baltimore, Lost, off Coast of SC? -- 29
31. 1907 -- Apr 2/3, Ship *Arthur Sewall* Lost at Sea after sailing from Philadelphia, PA -- 28
32. 1887 -- Apr, *St. Stephen/Stephens*, Seattle to San Francisco, lost at sea near WA -- 27
33. 1916 -- Dec (late), Steamer *Maryland* Lost, Atlantic, 300 miles off NY -- 26
34. 1919 -- Nov 19-Dec, Providence, RI Schooner *T.W. Allan* Founders, Bay of Fundy -- 26
35. 1843 -- Mar ~15, USS *Grampus* Lost, presumably gale off Charleston, SC -- 25
36. 1887 -- Oct 18, Ship *Alfred Watts*, Philadelphia to Japan, Lost at Sea -- 25
37. 1916 -- July 17, Steamer *C.W. Morse* leaves NY, NY, not heard from again -- 25
38. 1865 -- Oct ~24, Steamer *D.H. Mount* Lost, Cape Hatteras to Jacksonville, FL -- 24
39. 1886 -- Nov, Kodiak Schooner *Flying Scud* lost near Karluk, AK --16-24
40. 1888 -- Jan, Fishing Schooners *William Parsons* / *Peter D. Smith* lost, Gloucester MA-- 24

²⁰³⁶ While not on or near U.S. soil, the *Pacific* was a U.S. vessel, built in U.S., and manned with a primarily U.S. crew. Was considered a U.S. disaster at the time.

²⁰³⁷ An estimate based upon U.S. Navy note on the size of the ship's "complement." U.S. Navy. *Dictionary of American Naval Fighting Ships*, "Saratoga."

- 41. 1954 -- Dec 05~, M/V *Southern Districts* Disappears off East Coast -- 23
- 42. 1872 -- Mar, Gloucester, MA Schooners *Matchless*, *Franklin Snow* lost, Georges Bank-- 22
- 43. 1871 -- Feb, Gloucester, MA Fishing Schooners *Hiawatha* & *E.L. Cook* lost at sea -- 21
- 44. 1907 -- Nov 24, Last contact with Ship *Bangalore*, Norfolk VA to Honolulu -- 21
- 45. 1929 --~Jan 13 , Fishing Trawler *Seiner* Lost, Georges Bank, out of New London, CT-- 21

MARITIME Disasters -- LOST (not found) Subset -- By MORTALITY, Cont.

- 46. 1716 -- Five Gloucester MA Fishing Vessels “Lost,” Voyage to Cape Sable -- ~ 20
- 47. 1908 -- Aug 27, Last report from Ship *Fort George*, NY, NY to Honolulu, HI -- 20
- 48. 1897 -- Nov 25, Provincetown, MA sch. *Susan R. Stone* sails for Western Bank, lost -- 19
- 49. 1903 -- Aug, Hurricane, Steamer *George W. Kelley* lost, Caribbean, for New Orleans -- 19
- 50. 1917 -- Mar 06, Ship *Timandra* Lost after leaving Norfolk, VA -- 19
- 51. 1917 -- Sep 5, Whaling Brig *Viola* sails, not seen again, out of New Bedford, MA -- 19
- 52. 1930 -- Sep 16/17, SF CA Schooner *South Coast* Lost, OR Coast, ~Cape Blanco --18-19
- 53. 1847 -- Jun 11, Lost, Schooner *Merchant*, Sault Ste. Marie, Lake Superior, MI -- 18
- 54. 1907 -- Apr 10, Bark *Adolph Obrig* Lost after sailing from NYC, NY -- 18
- 55. 1771 -- Early, *Beaver 2nd* lost on Lake Erie near Sandusky, OH -- 17
- 56. 1852 -- Mar, Gloucester MA Schrs. *Golden Fleece* & *C.E. Parkhurst* lost, Georges Bank-- 17
- 57. 1867 -- Aug, Two Gloucester, MA Fishing Schooners Lost on Georges Bank -- 17
- 58. 1871 -- Sep 2, Gloucester, MA Fishing Schooners *Montrose* and *Emporia* lost at sea -- 17
- 59. 1885 -- Dec 25, Steamship *City of Nassau* lost after leaving Philly, PA -- 17
- 60. 1893 -- Dec 15, Schooner *Mascot* leaves SF, CA homeport, sealing trip, lost at sea -- 17
- 61. 1902 -- Jan 25, Gloucester, MA fishing Schooner *Alva* sails for Georges Bank, Lost -- 17
- 62. 1918 -- Apr 05, Ship *Avon* Departs NY, NY, not heard from again, presumed lost -- 17
- 63. 1947 -- Jan 09, Boston Fishing Trawler *Belle* Goes Missing off Northeast Coast -- 17
- 64. 1951 -- Jan 15, Boston, MA fishing trawler *Gudrun* lost off Newfoundland -- 17
- 65. 1855 -- Mar, Gloucester MA Schooners *Reporter* & *Abner L. Colby* Lost, Georges Bank-- 16
- 66. 1858 -- Oct, Fishing Schooner *Village Belle* Lost, out of Gloucester, MA -- 16
- 67. 1874 -- Sep 28, Steamer *Amanda Winants* Lost off Georgetown, SC -- 16
- 68. 1885 -- Dec 25-Jan 1886, Gloucester, MA Fishing Schooner *Mabel Dilloway* Lost -- 16
- 69. 1887 -- Apr-Aug, MA Fishing Sch. *Lydia Y. (or T.) Crowell*, Lost, N.S. fishing --15-16
- 70. 1890 -- Mar-Apr, Gloucester, MA Fishing Sch. *William W. Rice* lost, Iceland trip -- 16
- 71. 1894 -- Mar 12-Jun~, Gloucester Fishing Sch. *Ambrose H. Knight* lost, Iceland trip -- 16
- 72. 1918 -- July 3, Whaler Schooner *Pedro Varela* departs New Bedford, MA, Lost -- 16
- 73. 1839 -- May 08, Last seen, Schooner *USS Sea Gull*, Tierra del Fuego to Valparaiso -- 15
- 74. 1850 -- Apr, Gloucester MA Fishing Schooners *Walter Scott* and *Specie* Lost -- 15
- 75. 1879 -- Aug~, Whaling Schooner *Arizona*, reportedly lost off Cape Hatteras, NC -- 15
- 76. 1891 -- Oct, MA Fishing Schooner, *Hattie N. Reed*, Lost at Sea -- 15
- 77. 1902 -- Dec 21, Last sighting of American ship *Florence*, Tacoma, WA for Honolulu -- ~15
- 78. 1913 -- June 9, Whaler Steamer *A. T. Gifford* leaves New Bedford, MA, Lost -- 15
- 79. 1923 -- Feb 20, *Alta* Sails from San Pedro, CA for Bellingham, WA, Lost -- 15
- 80. 1858 -- Dec, Gloucester MA Schooner *John Franklin* lost after leaving Prince Ed. Il. -- 14
- 81. 1876 -- Apr-May, Gloucester, MA Fishing Schooner *James L. Shute* Lost on GB -- 14
- 82. 1878 -- Jan-Feb, Gloucester, MA Fishing Schooner *Carrie P. Morton* lost, Grand Bk. -- 14

83. 1878 -- Oct 20, Last sighting of Fishing Schooner *Cunard* out of Gloucester, MA²⁰³⁸ -- 14
 84. 1879 -- Apr, Gloucester, MA Fishing Schooner *William Thompson*, lost, Banks -- 14
 85. 1879 -- Oct, Gloucester, MA Fishing Schooner *Andrew Leighton* lost, LaHave Bank -- 14
 86. 1879 -- ~Oct 29, Gloucester, MA Fish Sch. *N. H. Phillips*, Lost, Banquereau Bank NS--13-14
 87. 1879 -- Dec, Schooner *Mary D. Pomeroy*, Crescent City, CA to SF, CA, Lost -- 14
 88. 1880 -- Mar 23, Gloucester, MA Sch. *Annie C. Norwood* lost, Caches' Shoal, MA -- 14
 89. 1880 -- Nov, Gloucester, MA Fishing Schooner *Nathaniel Webster*, the Banks -- 14
 90. 1881 -- Aug-Sep, Gloucester, MA Fishing Sch. *Guy Cunningham* lost Grand Banks --13-14
 91. 1885 -- Dec-Jan 1886, Gloucester, MA Fishing Schooner *Virginia Dare* Lost, GB -- 14
 92. 1886 -- Jun-Jul, Gloucester, MA Fishing Schooner *Seth Stockbridge* lost, Greenland -- 14
 93. 1886 -- Aug-Sep, Gloucester, MA Fishing Schooner *George L. Smith* lost GB trip -- 14
 94. 1887 -- Aug 20, Provincetown, MA Whaling Sch. *Ellen Rizpah* Lost off Hatteras --13-14
 95. 1888 -- May 03 Schooner *Isabel*, San Francisco to Shamagin Island, AK, Lost -- 14
 96. 1891 -- Sep, Portland ME Fishing Schooner *City Point* Lost, La Harve Banks trip --12-14
 97. 1901 -- Jan 22, Gloucester, MA schooner *Commonwealth* sails for Georges Bank, lost-- 14
 98. 1901 -- Sep 16, Gloucester, MA Schooner *Lolanthe* departs for codfishing trip, lost -- 14
 99. 1902 -- Dec 17, Last sighting, Gloucester fishing Sch. *Annie Wesley*, off Sable Island-- 14
 100. 1919 -- Jan 15, Schooner *Ellen A. Swift* Leaves New Bedford, MA, Whaling, Lost -- 14

MARITIME Disasters -- **LOST** (not found) Subset -- **By MORTALITY**, Cont.

101. 1831 -- Jul-Aug, Schooner USS *Sylph* Lost after leaving Pensacola, FL -- 13
 102. 1851 -- Fishing Schooner *Burlington* Lost -- 13
 103. 1874 -- Nov, Gloucester, MA Fishing Schooner *G. G. Kidder* Lost, Grand Banks --12-13
 104. 1880 -- Jan, Barkentine *Ray R. Sharp*, Philadelphia, PA for Lisbon, Portugal, Lost -- 13
 105. 1880 -- Aug 28, Bark *Miriam*, Pensacola to Rio de Janeiro, Lost at Sea -- 13
 106. 1880 -- Aug 29, Bark *Alfred*, Pascagoula MS for Trinidad Island, Spain lost at sea -- 13
 107. 1894 -- Apr, Gloucester, MA Fishing Schooner *Martha and Susan* lost, Georges trip-- 13
 108. 1900 -- Sep 14, Gloucester, MA fishing schooner *Sigfrid* sails for Quero Bank, lost -- 13
 109. 1916 -- Apr 7, Schooner *Bertha L. Barker* Lost, out of New York, NY -- 13
 110. 1920 -- Jan 29, Steamer *Samuel Faunce* lost, Wilmington, NC to Key West FL²⁰³⁹ -- 13
 111. 1920 -- Feb 01, Steamer *Fortune* Lost off Jekyll Island, GA -- 13
 112. 1854 -- Feb, Gloucester, MA Fishing Schooner *Flight* Lost, Georges Bank -- 12
 113. 1870 -- Sep, Gloucester MA Fishing Sch. *Dauntless* lost on way to St. Lawrence Bay-- 12
 114. 1871 -- Jan 9, Gloucester, MA Fishing Schooner *Edith Wonson* lost on Western Bank-- 12
 115. 1871 -- Summer, East Gloucester, MA) Fishing Schooner *River Queen* lost at sea -- 12
 116. 1872 -- Jan, Gloucester, MA Fishing Schooner *Messenger* lost on Western Bank -- 12
 117. 1874 -- Mar, Gloucester, MA Fishing Schooner *White Fawn* lost Western Banks -- 12
 118. 1875 -- Jan, Gloucester, MA Fishing Schooner *David Burnham* lost on Grand Banks-- 12
 119. 1875 -- Jan, Gloucester, MA Fishing Schooner *Joseph Chandler* lost on Grand Banks-- 12
 120. 1875 -- Feb, Gloucester, MA Fishing Schooner *J. C. Call* lost, Grand Banks -- 12
 121. 1875 -- Feb, Gloucester, MA Fishing Schooner *Sarah H. Cressey* lost, Grand Banks-- 12
 122. 1875 -- Mar, Gloucester, MA Fishing Schooner *H.B. Stanwood* lost, Georges Bank -- 12
 123. 1875 -- Nov, Gloucester, MA Fishing Schooner *Pharsalia* Lost, Georges Banks -- 12

²⁰³⁸ On Fishing trip to the Grand Banks.

²⁰³⁹ I assume the *Fortune* and *Samuel Faunce* events refer to the same event and that one of the sources is wrong.

124.	1876 -- Sep, Gloucester, MA Fishing Schooner <i>Walter M. Falt</i> lost on Grand Banks--	12
125.	1876 -- Dec, Gloucester, MA Fishing Schooner <i>William T. Merchant</i> lost, Grand Bk.--	12
126.	1879 -- Apr, Gloucester, MA Fishing Schooner <i>Ida (or Ada) E. Baker</i> , Western Bank--	12
127.	1881 -- Apr 15, Gloucester, MA Fishing Schooner <i>Carrie S. Dagle</i> lost, Western Bk.--	12
128.	1887 -- Apr, Gloucester, MA Fishing Schooner <i>Jamestown</i> Lost, Western Bank --	12
129.	1887 -- Nov-Dec, Gloucester, MA Fishing Schooner <i>William Parsons, 2nd</i> , lost, GB--	12
130.	1888 -- Nov-Dec, Gloucester, MA Fishing Schooner <i>Carleton</i> Lost, Georges trip --	12
131.	1888 -- Nov-Dec, Gloucester, MA Fishing Schooner <i>Joseph O.</i> lost, Georges trip --	12
132.	1891 -- Jan-Feb?, Gloucester, MA Fishing Schooner, <i>Veteran</i> lost, Georges trip --	12
133.	1891 -- Sep-Oct, Gloucester, MA Fishing Schooner <i>Percy</i> Lost, Georges Bank trip --	12
134.	1893 -- Aug, Gloucester, MA Fishing Sch. <i>Pioneer</i> lost, Georges Bank trip --	12
135.	1899 -- Feb 14~, Gloucester MA Schooner <i>A.M. Burnham</i> lost on Brown's Bank --	12
136.	1934 -- Jun 12, Tuna Clipper <i>Belle Isle</i> Sails from San Diego, CA, Lost at Sea --	12

MARITIME Disasters -- **LOST** (not found) Subset – **By MORTALITY**, Cont.

137.	1851 -- Fishing Schooner <i>Hamilton</i> Lost --	11
138.	1870 -- Jan, Gloucester, MA Fishing Schooner <i>Viking</i> lost, on way to Grand Banks --	11
139.	1873 -- Mar, Gloucester Fishing Schooner <i>J. H. Orne</i> lost on Georges Bank --	11
140.	1876 -- ~Apr 4, Gloucester, MA Fishing Schooner <i>Kearsarge</i> Lost, Georges Bank --	11
141.	1876 -- Apr-May, Gloucester, MA Fishing Schooner <i>Janet Middleton</i> Lost on GB --	11
142.	1876 -- Dec, Gloucester, MA Fishing Schooner <i>Howard Steele</i> Lost, La Have Bank --	11
143.	1876 -- Dec, Gloucester, MA Fishing Sch. <i>Modena B. Jerauld</i> Lost, La Have Bank --	11
144.	1877 -- Jan, Gloucester, MA Fishing Schooner <i>Mary Burnham</i> lost, La Have Bank --	11
145.	1895 -- Nov 23-Dec, Gloucester Fishing Schooner <i>Falcon</i> Lost, Georges Bank trip --	11
146.	1896 -- Oct 14, NY Fishing Smack <i>W.W. Story</i> last seen off Absecon, NJ --	11
147.	1909 -- Dec 24, Stm. <i>Columbia</i> Lost out of NYC, NY to Port au Prince Haiti --	11
148.	1914 -- Oct 31, Schooner <i>Lizzie Lee</i> leaves New Bedford MA for Cape Verde, Is., Lost--	11
149.	1915 -- ~Aug 22, Boston Schooner <i>Maude Palmer</i> Sinks, Gulf of Mexico --	11
150.	1916 -- July 14, Ship <i>Ramos</i> Founders, from Philly PA to Cartagena, Columbia --	11
151.	1955 -- Jan 13~, New Bedford MA Fisher <i>Doris Gertrude</i> Lost, New Eng. coast --	11
152.	1962 -- Nov 15~, New Bedford, MA scalloper <i>Midnight Sun</i> lost, Georges Bank --	11
153.	1843 -- Aug, Gloucester MA Fishing Schooner <i>The Byron</i> Lost, "South Channel" --	10
154.	1851 -- Apr 10, Fishing Schooner <i>Harvest Home</i> of Newcastle, NH Lost --	10
155.	1851 -- Oct, Gloucester, MA Schooner <i>Princeton</i> Lost, St. Lawrence Bay --	10
156.	1853 -- Feb 16/26, Brig <i>Vintage</i> Sails, Salem, MA for West Coast of Africa, Lost --	10
157.	1854 -- Mar 08, Schooner <i>Robert Walsh</i> lost off Cape Hatteras, NC --	10
158.	1856 -- ~Aug 16, Ship <i>Manila</i> "Lost" off Timbalier Island, LA --	10
159.	1868 -- June, Gloucester MA Fishing Schooner <i>General Butler</i> lost, Georges Bank --	10
160.	1870 -- Jan 25, Gloucester, MA Fishing Schooner <i>Weather Gage</i> lost, Grand Banks --	10
161.	1870 -- Mar, Gloucester MA Fishing Sch. <i>William F. Pool</i> lost on Georges Bank --	10
162.	1870 -- Oct, Gloucester, MA Fishing Schooner <i>Alatamaha</i> lost, Georges Bank --	10
163.	1875 -- Mar. Gloucester, MA Fishing Schooner <i>William C. Endicott</i> lost, Georges Bk.--	10
164.	1876 -- Oct, Gloucester, MA Fishing Sch. <i>Joseph F. Allen</i> Lost on Western Bank --	10
165.	1876 -- Dec, Gloucester, MA Fishing Schooner <i>D. E. Woodbury</i> lost, trip to GB --	10

166. 1876 -- Dec, Gloucester, MA Fishing Schooner *John S. Tyler* lost, La Have Bank -- 10

MARITIME Disasters -- **LOST** (not found) Subset – **By MORTALITY**, Cont.

167. 1876 -- Dec, Gloucester, MA Fishing Schooner *J.F. Huntress* Lost, La Have Bank -- 10
168. 1876 -- Dec, Gloucester, MA Fishing Schooner *Wyoming* lost, La Have Bank -- 9-10
169. 1879 -- Oct-Dec, Gloucester MA Fishing Sch. *Harvey C. Mackay* Lost, Grand Banks-- 10
170. 1880 -- Aug, Bark *Emma C. Litchfield*, St. Mary's, GA to Buenos Aries lost at sea -- 10
171. 1883 -- Sep, Gloucester MA Schooner *Charles Hildreth* lost, trip to Georges Bank -- 10
172. 1885 -- Aug, Schooner *Washington*, Appalachicola, FL to NYC, Lost at Sea -- 10
173. 1886 -- Aug-Sep, Gloucester, MA Fishing Sch. *John F. Wonson* lost, Brown's Bk. -- 10
174. 1887 -- Jul-Oct, Bark *Isabel*, Rockland, ME to Pensacola, FL, Lost at Sea -- 10
175. 1890 -- Nov 24, NY Steam-Yacht *F.L. Norton*, leaves New London for France, Lost-- 10
176. 1906 -- Jan 10, Bark *Nicholas Thayer* Lost from Seattle WA for Seward, AK -- 10
177. 1908 -- Jan/Feb, Gloucester Fishing Schooner *Northern Eagle*, lost, Gulf of Mex. -- 9-10
178. 1908 -- Jul 24, Bark *Auburndale* Lost from Turks Island (Carib.) to Philadelphia PA-- 10
179. 1909 -- Jan 25, Schooner *William C. Tanner* Lost, Rockport, MA to Key West, FL -- 10
180. 1911 -- Jan 21~, Gloucester Sch. *Ella M. Goodwin* departs Bay of Islands, NFL, lost-- 10
181. 1920 -- Feb 19, Schooner *Henry W. Cramp* Lost, Norfolk VA to Dominican Rep. -- 10

Maritime Disasters – Offshore PLATFORMS Subset – Deadliest American – By Mortality

1. 1961 -- Jan 15, Nor'easter, USAF Radar Platform 4 Fails, 75M E. of Barnegat, NJ --27-28
2. 1964 -- Jun 30, Explosion/Fire, Drilling Barge *C.P. Baker*, Gulf of Mexico -- 22
3. 1982 -- Feb 15, Storm, *Ocean Ranger* oil rig sinks, Grand Banks, Canada²⁰⁴⁰ --84 (15 US)
4. 1976 -- Apr 15, Oil Platform *Ocean Express* Capsizes, Storm, Gulf of Mex. off TX -- 13
5. 1989 -- July 31, *Avco 5* Oil Platform Lift Boat Capsizes fleeing Hurricane Chantal, Gulf-- 13
6. 2010 -- Apr 20, Drill Rig *Deepwater Horizon* Explosion, Gulf of Mex., ~50m, LA²⁰⁴¹ -- 11

Maritime Disasters – Offshore PLATFORMS Subset – Deadliest American – Chronological

1. 1961 -- Jan 15, Nor'easter, USAF Radar Platform 4 Fails, 75M E. of Barnegat, NJ --27-28
2. 1964 -- Jun 30, Explosion/Fire, Drilling Barge *C.P. Baker*, Gulf of Mexico -- 22
3. 1976 -- Apr 15, Oil Platform *Ocean Express* Capsizes, Storm, Gulf of Mex. off TX -- 13
4. 1982 -- Feb 15, Storm, *Ocean Ranger* oil rig sinks, Grand Banks, Canada²⁰⁴² --84 (15 US)
5. 1989 -- July 31, *Avco 5* Oil Platform Lift Boat Capsizes fleeing Hurricane Chantal, Gulf-- 13
6. 2010 -- Apr 20, Drill Rig *Deepwater Horizon* Explosion, Gulf of Mex., ~50m, LA²⁰⁴³ -- 11

²⁰⁴⁰ Sixty-eight Canadians, one Englishman, and fifteen Americans

²⁰⁴¹ Cross-listed in Explosions.

²⁰⁴² Sixty-eight Canadians, one Englishman, and fifteen Americans

²⁰⁴³ Cross-listed in Explosions.

Maritime – SNAGS and SAWYERS Subset – By Mortality

1. 1864 -- Jul 21, *B.M. Runyan* Snags/Sinks, MS River, Island 84, Gaines Landing, MS--50-150
2. 1851 -- Jan 27, Steamboat *John Adams* Snags/Sinks, Miss. Riv., ~Greenville, MS --100-130
3. 1844 -- Jan 03, Steamboat *Shepherdess* Snags/Sinks, 3M No of St. Louis, MO --57-100
4. 1867 -- Jan 18, Steamboat *Platte Valley* hits submerged wreck near Memphis, TN --60-100
5. 1854 -- Mar 09, Steamer *John L. Avery* Snags, Miss. River, Black Hawk Pt., LA --12-90
6. 1918 -- July 5, Fog, Steamer *Columbia* Snags/Sinks, IL Riv., Wesley City, Pekin, IL --87-89
7. 1845 -- Dec 18/19, Steamer *Belle Zane* Snags/Capsizes, Miss. River, Island No. 75 --30-76
8. 1862 -- Feb 27, Steamboat *Prince* Snags and Sinks, Miss. River, near Hickman, KY --74-75
9. 1823 -- Feb 08, Steamboat *Tennessee* Snags, Mississippi River, near Natchez, MS -- 60
10. 1862 -- Feb 23, Confederate Steamer *Cambridge* Snags, Grand Glaise, AR -- 42
11. 1842 -- Oct 8, *S.B. Eliza* Snags/Sinks, MS Ri. ~5m above mouth OH Ri, IL Shore --30-40
12. 1845 -- Dec 11, Steamboat *Caspian* Snags/Sinks, MS River, Island No. 25, AR -- 40
13. 1852 -- Jan 25, Steamboat *De Witt Clinton* Snags, near Memphis, TN --36-40
14. 1870 -- Dec 18, *Nick Wall* Snags/Sinks Miss. River, ~Napoleon, AR & Princeton, MS-- 39
15. 1841 -- Steamer *Carolina* snags, Mississippi River, Osceola, AR -- 34
16. 1848 -- Nov 21, Steamer *Wyandotte* Snags/Sinks, MS River, above Vicksburg MS -- 30
17. 1854 -- Mar 27, Steamer *Monroe* hits log/sinks, MS Ri., just north of Natchez, MS --17-30
18. 1865 -- Jun 9~, SS *Kentucky* snags/sinks, Red River, Tow Head Isl. ~Shreveport LA -- ≤30
19. 1901 -- May 12, *City of Paducah* snags/sinks, MS Ri., ~Brunkhorst Landing, IL --15-27
20. 1847 -- June 29, Steamboat *Star Spangled Banner* Snags, Baton Rouge, LA -- 20
21. 1883 -- Mar 04, Steamboat *Yazoo Valley* Snags/Sinks, Miss. River, ~Red Church, LA--16-19
22. 1854 -- Aug 02, Steamer *Cape May* Snags, Mt. Vernon, IN -- 18
23. 1860 -- May 09, Steamer *R.F. Sass* Snags, Miss. River, Clark's Bar, ~Glover, MS -- 17
24. 1864 -- Oct 30, Union packet *Universe* snags/sinks, MS Riv., between Islands 35&36 -- 17
25. 1864 -- Nov ~5, Union transport *James White*, snags/sinks, MS River, Island #10, TN-- 16
26. 1919 -- July 04, Pleasure Steamer *Reliance* Snags and Sinks, Lake Madison, SD --15-16
27. 1840 -- Apr 25, *Bedford* Snags, mouth of MO Riv. ~Mobile Is. or Cora Is. Chute, MO-- 15
28. 1854 -- Jan 09, *General Bem* Snags, AR or MS Riv., Walnut Bend, AR or Grand Cutoff --10-15
29. 1857 -- Oct 15, Steamer *Tropic* snagged, Missouri River, near Waverly, MO -- 8-15
30. 1862 -- Nov 12, Steamer *Eugene* snags sunken wreck, MS Riv. Plum Point Bend, TN -- 15
31. 1864 -- Feb 17, Steamboat *Orient* Snags, upper Mississippi River, Commerce, MO -- 14
32. 1841 -- Aug 29, Steamboat *Keokuk* Snags, Miss. River, St. Genevieve Island, MO --11-13
33. 1896 -- Oct 20, Steamer *Arago* Snags/Sinks, Mouth of Coos Bay, OR -- 13
34. 1919 -- Apr 28 U.S. Navy Launch Hits Log, Capsizes, Hudson River, NY, NY -- 13
35. 1854 -- May 12, Steamer *Pike* Snags/Sinks, Big Eddy, Wilkinson's Landing, MO --10-11
36. 1889 -- Jan 05, Steamer *Paris C. Brown* Snags and Sinks, Hermitage Landing, LA -- 8-11

MARITIME Disasters – Deadliest American -- STORMS Subset – By MORTALITY

1. 1944 -- Dec 18, Typhoon, 3 ships capsize, Navy Task Force 38, off Philippines -- ~790
2. 1898 -- Nov 26-27, Portland Gale/Nor'easter, Cape Cod, MA -- 500
3. 1857 -- Sep 11/12, Hurricane, Steamer *Central America* Founders off VA²⁰⁴⁴ 400-427
4. 1907 -- Feb 11, *Larchmont* Steamship Hit/Sinks in Blizzard off Block Harbor RI 123-332
5. 1854 -- Apr 16, Storm, Packet Ship *Powhatan* sinks off coast of NJ 250-311
6. 1853 -- Dec 24-Jan 2, '54, Troopship *San Francisco* Stricken, Storm, off East Coast--150-300
7. 1854 -- Nov 13, Storm, US immigrant ship *New Era* Grounds, Deal Beach, NJ 240-300
8. 1913 -- Nov 7-10, 12 U.S. Boats Lost, Great Lakes Blizzard, "Big Blow" 200-300
9. 1866 -- Oct 03, Steamer *Evening Star* Founders, Storm, off Tybee Island, GA 247-261
10. 1944 -- Sep 13, Hurricane, USS *Warrington* Sinks off coast of FL²⁰⁴⁵ -- 248

11. 1865 -- July 30, Storm, *Brother Jonathan* Grounds & Sinks off Crescent City, CA --146-225
12. 1942 -- Feb 18, USS *Truston* and USS *Pollux* run aground, storm, Placentia Bay NFL -- 204
13. 1799 – Sixty Native Alaskan Bidarka's lost in storm, Hinchinbrook entrance, AK -- 200
14. 1864 -- Dec 22, Military Steamer *North America* Sinks, Storm off Coast of FL --197-200

15. 1898 -- Nov 26-27, Storm, Sidewheel Steamer *Portland* Sinks, Cape Cod, MA 127-192
16. 1895 -- May 27, Storm, *Colima* (SF, CA) Founders off Manzanilla, Mexico -- 153
17. 1898 -- Feb 05, Storm, *Clara Nevada* Grounds/Explodes, ~Eldred Rock, AK --33-150
18. 1705 -- Dec 19-21, Privateer *Castle Del Rey*, Grounds/Breaks-up, Sandy Hook, NJ -- 132
19. 1893 -- Oct 1-2, Hurricane *Cheniére Caminanda*, Gulf Coast, LA, MS, AL²⁰⁴⁶ --123-127
20. 1919 -- Sep 9-10, Hurricane, *Corydon, Grampus, Larimer, Lake Conway, Munisla* lost-- 127
21. 1862 -- Feb 24, Blow of 1862, 15 Gloucester MA Boats Lost, Georges Bank -- 122
22. 1883 -- Nov 12-14, Gales, nine Gloucester, MA Fishing Schooners lost, Georges Bank-- 114
23. 1800 -- ~Sep, Revenue Cutter Brig USS *Pickering* Lost, Gale/Hurricane off FL²⁰⁴⁷ 70-105
24. 1878 -- Jan 31, Steamer *Metropolis* Wrecks, gale, south of Jones Hill Station, NC 85-104
25. 1877 -- Nov 24, Navy warship USS *Huron* Founders in Storm off Nags Head, NC 83-103
26. 1778 -- Dec 26-27, Blizzard, New Eng., esp. MA and RI, brig *Arnold*, sloop *Stark* -- 101
27. 1880 -- Oct 15/17, Sidewheel Steamer *Alpena* Sinks, Lake MI Storm., ~Holland, MI--57-101
28. 1700 -- Sep 14, Hurricane, *Rising Sun* wrecked, Ashley River bar, Charleston, SC²⁰⁴⁸ -- ~100
29. 1837 -- Oct 9, Storm, Steamship *Home* Shipwrecks at Ocracoke Island, NC²⁰⁴⁹ 90-100
30. 1857 -- Nov 18, Storm, ~Twenty Coal Boats Sink, OH and MS Rivers ~Cairo IL -- ~100
31. 1888 -- Mar 11-14, East Coast "Blizzard of 1888,"²⁰⁵⁰ Maritime Loss component -- >100
32. 1890 -- July 13, Severe Storm, Steamer *Sea Wing* Capsizes, Lake Pepin, MN --97-100
33. 1900 -- Sep 12-13, Southeaster gale, off-shore Natives in boats, inshore, Nome, AK²⁰⁵¹ >100

²⁰⁴⁴ "...the steamship *Central America*, which had been contending for three days with a tremendous tempest off the shore of Virginia..." (*New York Times*, "The Loss of the *Central America*." September 21, 1857)

²⁰⁴⁵ These fatalities are part of the 390 attributed to the "Great Atlantic Hurricane."

²⁰⁴⁶ This is a subset of 1,700-2,000 cross-listed hurricane fatalities, and is a minimum representation of maritime, especially fishing craft, losses, which is a tally of craft identified by name and numbers of crew lost.

²⁰⁴⁷ Cross-listed in Hurricanes.

²⁰⁴⁸ Cross-listed in Hurricanes.

²⁰⁴⁹ Cross-listed in Hurricanes.

²⁰⁵⁰ Cross-listed in Winter Storms – Nor'easters

34. 1850 -- Oct 06, Storm, Emigrant (Irish) Ship *Saint John*, Wrecks, Scituate, MA -- 99
 35. 1915 -- Aug 14-15, United Fruit Co. Steamer *Marowijne* Sinks, Hurricane, Gulf of Mx.87-98
 36. 1839 -- Dec 15, Winter Gale, Maritime losses, MA coast/harbors, esp. Gloucester²⁰⁵² --64-90
 37. 1863 -- Aug 21, Hurricane, USS *Bainbridge* Capsizes, off Cape Hatteras, NC²⁰⁵³ --80-90

MARITIME Disasters – STORMS Subset -- Deadliest Amer. – By MORTALITY (Cont.)

38. 1836 -- Nov 21/22, storm, U.S. ship *Bristol* Wrecks, Far Rockaway Beach, Long Isl., NY-64-89
 39. 1778 -- Dec 25, Stm., Brig *General Arnold* Grounds, White Flats, Plymouth Bay MA -- 81
40. 1893 -- Oct 13-14, Great Lakes Storm, *Dean Richmond*, *Wocoken*, others, lost --65-73
 41. 1870 -- Oct 20, Hurricane, Steamer *Varuna* Capsizes, 35M NE of Jupiter Inlet, FL²⁰⁵⁴ --36-72
42. 1882 -- Feb 5?, Gale, Gloucester Schs. *Bellerophon*, *Carroll*, *Pew*, *Revere*, *Somes*, GB-- 67
 43. 1846 -- Sep 19, Gale, 11 Fishing Schooners Lost, out of Marblehead, MA -- 65
 44. 1914 -- Sep 18, Storm, Steamer *Francis H. Leggett* Founders, off OR Coast -- 65
 45. 1846 -- Feb 14/15, Winter Snow Storm, *John Minturn* & other boats ground/wreck, NJ-50-60
46. 1916 -- Oct 20-21, *Merida*, *D.L. Flyer*, *James B. Colgate* Sink, Storm, Lake Erie --54-59
 47. 1856 -- Oct 24, *Toledo* Sinks, Lake Michigan Storm, off Port Washington, WI --30-55
 48. 1883 -- Dec 28, Gale, Gloucester Schs. *Stetson*, *Knutsford*, *Irving*, *Maddocks* lost --52-55
 49. 1856 -- Oct 29/30, *Superior* Grounds, Lake Sup. Stm., Pictured Rocks ~Cascade MI --34-54
 50. 1878 -- Oct 21-24, Hurricane, Maritime Loses, NC, VA, MD, DE, PA, NJ, CT²⁰⁵⁵ -- 54
 51. 1904 -- Jan 08, Storm, Steamer *Clallam* Sinks, Straits of San Juan de Fuca, WA -- 52
 52. 1929 -- Oct 22, Rail Car Carrier *Milwaukee* Sinks, Lake MI Storm ~Kenosha, WI --46-52
 53. 1840 -- May 7, Tornado, Steamboat *Hinds* sunk, Natchez, MS²⁰⁵⁶ -- 51
 54. 1839 -- Dec 15, “Great Storm of 1839,” Massachusetts Bay, MA -- >50
 55. 1856 -- Oct 29, Storm, Steamer *Superior* Grounds, Lake Superior -- 50
 56. 1856 -- Nov 4, *J.S. Brooks* Founders, Stm., Lake Ont., ~Oswego & Sacket’s Harbor NY-- 50
 57. 1887 -- Oct 29, Steamer *Vernon* Founders, Lake MI. Storm, off Sheboygan, WI --30-50
 58. 1915 -- Aug 16-17, Dredgeboat *Sam Houston* Grounds, Hurricane, Highland, TX²⁰⁵⁷ -- 50
59. 1915 -- Apr 03, Storm, Steamer *Prinz Maurits* Lost off Cape Hatteras, NC -- 49
 60. 1947 -- Nov 24, storm, Army transport *Clarksdale Victory* grounds, Hippa Island, BC²⁰⁵⁸ --49
 61. 1944 -- Sep 14, Hurricane, USCG Cutters *Bedloe* & *Jackson* Sink off Hatteras, NC²⁰⁵⁹ -- 48

²⁰⁵¹ This was a hurricane-like southeaster gale which produced a storm surge into Nome, Alaska and high waves that destroyed buildings along the waterfront. While we have seen reference to 18-19 specific deaths at Nome, mostly drowning, we are cross-listing in Maritime in that over 100 Natives were reported to have drowned trying to cross from Kings Island to the mainland in umiaks.

²⁰⁵² Cross-listed in Winter Storms.

²⁰⁵³ Cross-listed in Hurricanes.

²⁰⁵⁴ Cross-listed in Hurricanes.

²⁰⁵⁵ Land & Maritime losses cross-listed in Hurricane.

²⁰⁵⁶ Cross-listed in Tornado. 586 people estimated to have been killed due to this tornado.

²⁰⁵⁷ Cross-listed in Hurricanes as a subset. There were 275-352 total fatalities.

²⁰⁵⁸ Part of Canadian Graham Island group just south of southern point of Alaska’s Alexander Archipelago.

62.	1865 -- Oct 15, Steam. <i>Atlanta</i> , N.O., LA to NYC sinks/storm, off Sandy Hook, NJ	--45-47
63.	1820 -- Mar 6, USN Chartered Schooner <i>Quaker</i> Sinks in Gale, Chesapeake Bay	--41-46
64.	1952 -- Jan 09, SS <i>Pennsylvania</i> (Tacoma) Founders 665 miles off Cape Flattery, WA	-- 46
65.	1846 -- Nov 27, <i>Atlantic</i> steam explos., Grounds, Reef, gale ~Fisher's Island, NY	-- 42
66.	1871 -- Apr 02, Gale, Gloucester, MA Schs. <i>Lindberg, Pride, Murray, Hough</i> lost	-- 42
67.	1819 --Jul 27, Hurricane, U.S. <i>Firebrand</i> grounds, 'The Square Handkerchief,' MS ²⁰⁶⁰	--39-41
68.	1898 -- Mar 20/21, Bark <i>Helen W. Almy</i> capsizes in gale near Point Bonita, CA	--40-41
69.	1766 -- March, Storm, 7 Gloucester MA Fishing Boats Sank, Grand Banks	-- ~40
70.	1792 -- Jul 1, Storm or Tornado, Philadelphia and NYC, Boaters Drown	-- ~40
71.	1811 or 12 -- Oct 05, Gale, USS <i>Gun Boat # 2</i> Sinks, off St Mary's, GA	-- 40
72.	1887 -- Nov 17-19, Northeaster, Lake Superior, Thirty Shipwrecks	-- ~ 40
73.	1903 -- Nov 1, Storm, Steamer <i>Discovery</i> founders (all lost), off SE AK Coast	--26+40
74.	1920 -- Apr 18, Storm, Steamer <i>William O'Brien</i> , out of NYC Lost in Atlantic Ocean	-- 40

MARITIME Disasters – **STORMS** Subset -- Deadliest Amer. – **By MORTALITY** (Cont.)

75.	1886 -- Nov 15-18, Great Lakes Region Storm, Maritime Disaster	-- 39
76.	1878 -- Dec 10, Steamer <i>Emily B. Souder</i> Founders, Storm, off Cape Hatteras, NC	--36-38
77.	1900 -- Aug 7, Storm, Maritime Disaster, Nome and vicinity, AK	-- 38
78.	1806 -- Aug 21-24, Hurricane, Carolinas coastal/maritime, <i>Rose in Bloom</i> upset, NJ ²⁰⁶¹	-- 37
79.	1883 -- Nov 16, Gale, Steamer <i>Manistee</i> lost, Lake Superior, ~Keweenaw Pen., MI	--25-37
80.	1889 -- Apr 06, Nor'easter, DE/MD/VA/NC, Chesapeake Bay, Many Vessels Lost	--25-37
81.	1944 -- Sep 12, Hurricane, USN Minesweeper <i>YMS 409</i> Sinks, off At. Coast ²⁰⁶²	-- ~37
82.	1954 -- Oct 07, SS <i>Mormackite</i> Founders, off the Virginia Capes, VA	-- 37
83.	1880 -- May 04, Storm, fishing boats capsize, Columbia River mouth, OR and WA	--15-36
84.	1887 -- Oct 29, Steamer <i>Vernon</i> "Wrecked," Lake MI. Storm off Sheboygan, WI	-- 36
85.	1905 -- Mar 10, San Francisco Fishing Schr. <i>Pearl</i> Wreck Found, Unga Island AK	--30-36
86.	1909 -- Dec 08, Ferry <i>Marquette & Bessemer No. 2</i> Sinks, Lake Erie Storm	--30-36
87.	1916 -- Dec 26, Storm, Steamer <i>Orleanian</i> Founders, Atlantic, out of NYC	-- 36
88.	1841 -- Feb 13, Steamer <i>Lamplighter</i> Disabled/Sinks, Storm, East Pass, FL	--19-35
89.	1860 -- Feb, Gloucester Ma Sch. <i>George Washington, Advance, Wonson, Relief</i> lost	-- 35
90.	1894 -- May 15-18, Great Lakes Storm, esp. Lake Mich., 23-28 Ships Founder	--27-35
91.	1898 -- Jan 31-Feb 1, Storm, Maritime Fatalities, MA Coast, esp. Gloucester area	--17-35
92.	1861 -- Feb, Gloucester MA Schrs. <i>Sweepstakes, Young, Stanwood, White Swallow</i> lost--	34
93.	1863 -- Aug 28, Steamer <i>Sunbeam</i> Sinks, Lake Sup. Storm, ~Keweenaw Pt., MI	--25-34
94.	1865 -- Oct 25, Steamer <i>Republic</i> (former USS <i>Tennessee</i>) Founders ~Savannah, GA	-- 34

²⁰⁵⁹ These fatalities are part of the 390 attributed to the "Great Atlantic Hurricane." Cross-listed in Hurricanes.

²⁰⁶⁰ Cross-listed under Hurricane.

²⁰⁶¹ Cross-listed in Hurricanes. Majority of deaths were maritime (21 from *Rose In Bloom* alone). Sources note 42 total deaths of which we have seen notes concerning only five on land in the Wilmington, NC vicinity. Thus we surmise, for purposes of positioning in a tally, that something like (or approximately) 37 were maritime.

²⁰⁶² These fatalities are part of the 391 attributed to the "Great Atlantic Hurricane."

95. 1886 -- Jan 8-10, Gale, Coast of NJ, NY and New England, Maritime Losses -- 34
 96. 1936 -- Jan 12, Steamer SS *Iowa* Grounds/Sinks, Heavy Sea, Peacock Spit, WA -- 34
 97. 1940 -- Nov 11-12, Armistice Day Storm, Lake MI, *Anna Minch*, others lost, MI -- 34
 98. 1861 -- Nov 21-24, Storm, Buffalo NY Steamer *Keystone State* Sinks, Lake Huron --20-33
 99. 1910 -- Mar 15, Tug USS *Nina* Lost, presumably in Gale off Chesapeake Capes VA²⁰⁶³-- 33
 100. 1958 -- Nov 18, MI Freighter *Carl D. Bradley* Sinks in Lake MI Storm, MI -- 33
 101. 2015 -- Oct 1, U.S. cargo ship *El Faro* sinks / Hurricane Joaquin, off east Bahamas²⁰⁶⁴-- 33

MARITIME Disasters – **STORMS** Subset –Deadliest Amer. – **By MORTALITY** (Cont.)

102. 1846 -- Dec 08, Storm, U.S. Naval Brig *Somers* Capsizes off Vera Cruz, Mexico --30-32
 103. 1871 -- Oct 15, *R.G. Coburn* Sinks, Lake Huron Storm, ~Pointe aux Barques, MI -- 32
 104. 1872 -- Dec, 26, Storm, bark *Kadosh* wrecked, ship *Peruvian* lost, MA coast -- 32
 105. 1804 -- Oct 9, “Winter” Storm (“Hurricane”), New England, especially coast of MA²⁰⁶⁵≥31
 106. 1824 -- Oct 28, Schooner USS *Wildcat* Founders, Gale, Cuba to Thompson’s Isl. W.I.--~31
 107. 1889 -- May 13, Storm, Steamer *Alaskan* Founders off Cape Blanco, OR --15-31
 108. 1892 -- Sep 1, Storm, *Western Reserve* Sinks off Sable Banks, ~Deer Park, MI --26-31
 109. 1983 -- Feb 12, gale, collier *Marine Electric* (34 crew) capsizes/sinks off Chincoteague, VA-31
 110. 1856 -- Aug ~10, Steamer *Nautilus* Founders, Hurricane off LA Coast²⁰⁶⁶ --20-30
 111. 1903 -- Sep 15-17, Fishing Schooner *Beatrice* Lost north of Chincoteague, VA²⁰⁶⁷ -- 30
 112. 1916 -- June 5, Tornado, Packet-boat *Eleanore* Capsizes, MS River ~Memphis, TN--12-30
 113. 1918 -- Feb 26, U.S. Naval Tug, *Cherokee*, Founders, Storm, Delaware Capes, DE -- 30
 114. 1862 -- Jan 1, Stm., Gloucester Schooners *Cynisca*, *Life Boat*, *Ocean Traveller* lost -- 29
 115. 1894 -- Dec, Pacific Storm, Steamer *Keweenaw* Lost, Pacific NW Coast -- 29
 116. 1975 -- Nov 10, Storm, SS *Edmund Fitzgerald* Sinks, Lake S., Whitefish Bay, MI -- 29
 117. 1876 -- Dec 30, Freighter *Circassian* Breaks-up in Storm, Mecox, Long Island, NY -- 28
 118. 1879 -- Aug 18-19, Hurricane, CT, MA, ME, VA, Chesapeake Bay, At Sea²⁰⁶⁸ -- 28
 119. 1914 -- Nov 19, Storm, Steamer *C.F. Curtis*/two Barges Sink ~Grand Marais, MI --27-28
 120. 1961 -- Jan 15, Nor’easter, USAF Radar Platform 4 Fails, 75M E. of Barnegat, NJ --27-28
 121. 1966 -- Nov 29, *Daniel J. Morrell* (Cleveland OH) Breaks-up/Sinks, Lake Huron Storm-28
 122. 1861 -- Nov 2-3, Storm, Ship *Maritana* wrecks, Egg Rocks ~Boston Light, MA²⁰⁶⁹ --24-27

²⁰⁶³ *Lowell Sun* (MA) gives the date Feb 6, 1910 in “Shipping Disasters: Summary of the Accidents That Occurred Last Year,” March 21, 1910.

²⁰⁶⁴ Cross-listed in Hurricanes and in Maritime-Foundered. 28 U.S. nationals and 5 Polish nationals were onboard.

²⁰⁶⁵ Cross-listed in Winter Storms in that this was a coastal severe snow storm and a significant drop of temperature. One additional live was lost on shore when part of one building was blown down through the roof of another.

²⁰⁶⁶ Cross-listed in Hurricane. Francaviglia (*From Sail to Steam...Texas Maritime History*, 1998, 175) dates the loss at Aug 8 off the coast of Texas.

²⁰⁶⁷ Cross-listed, as a subset of 57 total fatalities, in Hurricanes.

²⁰⁶⁸ Subset of Hurricane listing.

²⁰⁶⁹ Cross-listed in Hurricanes.

123. 1873 -- Sep 15, Storm, Steamship *Ironsides* sinks, Lake MI, near Grand Haven, MI --18-27
 124. 1874 -- Jun 07, Storm, Boats Capsize, Drownings, Lakes Oneida & Onondaga NY -- 1-27
 125. 1884 -- Dec 12, Storm, Oyster Boats Capsize, Men Drown, Rappahannock River VA-- 27
 126. 1908 -- Nov 30/Dec 1, Storm, Steamer *D.M. Clemson* Sinks ~Whitefish Pt., MI --24-27
 127. 1927 -- Jan 11, Storm, Collier *John Tracy* Sinks off Highland Light, Truro, MA --26-27
 128. 1927 -- July 28, Passenger Vessel *Favorite* Sinks in Storm, Chicago IL -- 27

MARITIME Disasters – **STORMS** Subset -- **By MORTALITY** (Cont.)

129. 1849 -- Nov 9, Bath, ME ship *Hanover*, grounds, gale, mouth Kennebec River, ME --24-26
 130. 1868 -- Sep 7, *Hippocampus* Grounds, Lake MI Storm, off St. Joseph, MI -- 26
 131. 1875 -- Sep 10, Propeller *Equinox* Sinks, Storm, Lake Mich., ~Big Sable Point, MI --21-26
 132. 1884 -- Feb 28, Gale, Gloucester MA Fishing Schooners *Magic* and *Phoenix* lost -- 26
 133. 1894 -- Jan 12-13~, Gloucester Fishing Schs. *Edwards*, *Flash*, *Henrietta* lost, Gale -- 26
 134. 1895 -- Jan 21, Storm, Steamer *Chicora* Sinks, Lake MI, off South Haven, MI --24-26
 135. 1907 -- Oct 11, Storm, Steamer *Cypress* Founders, Lake Sup., off Deer Park, MI --22-26
 136. 1944 -- Sep 14, Hurricane, USCG Cutter *Bedloe* Sinks off Cape Hatteras, NC²⁰⁷⁰ -- 26
137. 1798 -- Nov 17-21, New England Blizzard and Maritime Storm²⁰⁷¹ -- >25
 138. 1839 -- Dec 22-23, Gale, Maritime losses (*Henry*, *Lloyd*, *Pocahontas*), NJ, esp. MA --24-25
 139. 1888 -- Oct 03, Whaling Bark *Ohio* driven ashore near Point Hope, Chukchi Sea, AK-- 25
 140. 1929 -- Sep 9/10, *Andaste* Sinks, Lakes Mich. Storm 14m west off Holland, MI -- 25
141. 1837 -- Apr, Severe Gale, Georges Bank, 3 Gloucester MA Fishing Boats Sink -- 24
 142. 1860 -- Nov 24, Freight *Dacotah*, Grounds/Breaks, Lake Erie Storm, ~ Angola NY -- 24
 143. 1882 -- Mar 17?, Gale, Gloucester MA Schooners *Northerner* and *Victor* lost, GB -- 24
 144. 1883 -- Aug 29, Gale, Gloucester MA Schooners *Alaska* & *James Bliss* lost, GB --23-24
 145. 1891 -- Feb 26, Gale, craft lost, lower James Ri. ~Warwick Ri. mouth, Newport News, VA-20-24
 146. 1894 -- Sep 27, Ship *Ivanhoe* leaves Seattle for SF, lost in storm off WA/OR coast --23-24
 147. 1901 -- Sep 16, Steamer *Hudson* Founders in Gale, L. Sup. ~8M off Eagle River, WI-- 24
148. 1814 -- Jun 30, Tornado Sinks Schooner USS *Alligator*, Port Royal Sound, SC²⁰⁷² -- 23
 149. 1869 -- Sep 8, Hurr., Schrs. *Helen Eliza* Grounds (Peak's Isl., ME), *Yankee Girl* lost²⁰⁷³ -23
 150. 1919 -- Oct 28, Steamer *Muskegon* Hits Pier in Storm, Muskegon Harbor, MI -- 23
 151. 1927 -- Aug 24~, Gloucester, MA Sch. *Columbia* Lost, Gale, off Sable Island, NS -- 23
152. 1878 -- Oct 12, Whaling Bark *Sarah* Capsizes in Gale, out of New Bedford, MA -- 22
 153. 1886 -- Dec 14, Ship *Harvey Mills* founders, gale, Cape Flattery, WA -- 22
 154. 1901 -- Aug 19, Steamer *City of Golconda* Turtles, Windstorm, OH Riv. ~Paducah, KY --15-22
 155. 1914 -- Apr 28, Storm, Steamer *Benj. Noble* Founders, Lake Sup., ~Knife Isl. MN --16-22

²⁰⁷⁰ These fatalities are part of the 409 attributed to the "Great Atlantic Hurricane."

²⁰⁷¹ There was a much larger loss of life, but we do not know the approximate number. David Ludlum writes in *Early American Winters 1604-1820* (p. 75) that "hundreds" died in this storm and that the bodies of at least 25 sailors were pulled from wrecked ships on Cape Cod alone. He also notes that at least seven ships were lost near Cape Cod with all aboard.

²⁰⁷² Cross-listed in Tornadoes.

²⁰⁷³ Cross-listed in Hurricanes.

156. 1920 -- Jan 26, Steamer *Mielero* Sinks in Storm off Coast of FL -- 22
 157. 1942 -- Dec 3, *Cleveco* Tanker/Barge Sinks, Lake Erie Blizzard 6m no. Euclid, OH -- 22
 158. 1944 -- Sep 14, Hurricane, USCG Cutter *Jackson* Sinks off Cape Hatteras, NC²⁰⁷⁴ -- 22

MARITIME Disasters -- STORMS Subset – Deadliest American – By Mortality (Cont.)

159. 1635 -- Aug 14-15, Pinnacle *Watch and Wait* Wrecks, Storm, on Thacher Island MA-- 21
 160. 1871 -- Aug 18, Steamer *Lodona* Grounds, Storm, near Cape Canaveral, FL -- 21
 161. 1888 -- Nov 27, Storm, Philly Steam Collier *Allentown* Grounds off Cohasset, MA --18-21
 162. 1892 -- July 12, Storm, *Frankie Folsom*, small boats founder, IL Ri., Peoria, IL --14-21
 163. 1892 -- Oct ~28, OH Steamer *W.H. Gilcher* Sinks, Stm., Lake MI, ~Manitou Is. MI --18-21
 164. 1906 -- Oct 18, Sidewheel Steamer *St. Lucie* Sinks, Hurricane, Elliot Key, FL²⁰⁷⁵ -- 21
 165. 1909 -- May, ~1-2, Storm, Stm. *Adella Shores* Sinks, Lake Sup., ~Grand Isl., MI --14-21
 166. 1916 -- May 8, Steamer *Kirby* Sinks, Lake Sup. Storm 8m no. of Eagle Harbor MI --20-21
167. 1811 -- Dec 23-24, Winter storm/blizzard, maritime losses, northern Long Island, NY--~20
 168. 1813 -- Sep 17, Hurricane, Navy Gun Vessel *No. 164* Sinks, Charleston, SC²⁰⁷⁶ -- 20
 169. 1821 -- Sep 17, Schooner *Washington* strands, hurricane, Bay St. Louis, MS²⁰⁷⁷ -- ~20
 170. 1832 -- Jun 02, Storm, Steamboat *Hornet* Capsizes, OH Riv., above Maysville, KY -- 20
 171. 1838 -- Sep 7, Sloops *Alabama, Dread, Caution* Wreck ~Cape FL, FL, Hurricane²⁰⁷⁸-- >20
 172. 1846 -- Sep 05, Storm, Steamer *New York* founders ~60 miles off Cameron, LA -- 20
 173. 1846 -- Nov 19, *Indian Queen* Wrecked, Lake Erie Storm, near Dunkirk, NY -- 20
 174. 1862 -- Dec 31, Iron Clad USS Monitor sinks, Storm off Cape Hatteras, NC --16-20
 175. 1883 -- Nov 12, Gale, Chesapeake Bay, Sloop *Anne Gertrude*, other Vessels Lost -- 9-20
 176. 1887 -- Nov 3, Schooner *Ocean Bird* Capsizes, Storm, Pasquotank River, NC -- 9-20
 177. 1916 -- Aug 16, Storm, Steamer *Admiral Clark* Founders off San Antonio, TX -- 20
178. 1851 -- Oct 23, Steamer *Henry Clay* Sinks, Lake Erie Storm, off Long Pt., Ontario --16-19
 179. 1852 -- Nov 10/11, Propeller *Oneida* founders, Lake Erie storm, west of Ripley NY--17-19
 180. 1878 -- Oct 23, Hurricane, *A.S. Davis* Grounds near Virginia Beach, VA -- 19
 181. 1887 -- Sep 3, Gale, Provincetown, MA Fishing Sch. *Rebecca R. Nickerson* lost, GB -- 19
 182. 1897 -- Nov 5, Freighter *Idaho* Sinks, Lake Erie Storm, off Long Point, Ontario -- 19
 183. 1902 -- Mar 12, Storm, Steamer *Providence* Grounds, Davis Bend, LA -- 19
 184. 1905 -- Sep 03, Steamer *Iosco* Lost, Lake Sup. Storm, E of Keweenaw Pen., MI -- 19
 185. 1905 -- Nov 28, *Ira H. Owen* Founders, Lake Sup. Storm, Outer Is., Apostles, WI -- 19
 186. 1908 -- Dec 02, U.S. Steamer *Soo City* Lost in Storm, Gulf of St. Lawrence -- 19
 187. 1915 -- Aug 16-17, U.S. Dredger *San Bernardo* Grounds, Hurricane ~Galveston²⁰⁷⁹ -- 19
 188. 1936 -- Oct 17, *Sand Merchant* Capsizes/Sinks, Lake Erie Storm off Avon Pt., OH -- 19
189. 1786 -- Dec 5, Gale, sloop grounds, Lovell's Isl., Brig at Pt. Shirley, Boston Harbor, MA 18

²⁰⁷⁴ These fatalities are part of the 409 attributed to the "Great Atlantic Hurricane."

²⁰⁷⁵ 164 deaths are attributed in total to the Oct 18-21, 1906 Florida Keys Hurricane.

²⁰⁷⁶ Cross-listed in Hurricanes.

²⁰⁷⁷ Cross-listed in Hurricanes (subset of 35 total fatalities).

²⁰⁷⁸ Subset of Sep 7, 1838 Hurricane near Cape Florida, FL taking 38 lives in total.

²⁰⁷⁹ Cross-listed in Hurricane as a maritime subset.

190. 1843 -- Sep 25, Gale, Steamer *Sarah Barnes* Sinks in Gulf, west of Sabine Pass, TX--17-18
 191. 1876 -- Mar 01, *Nuova Ottavia* Grounds, Life-Saving Crew Lost, Kittyhawk, NC -- 18
 192. 1898 -- Jun 28, Storm, Steamer *Jessie V.* swamped, Kuskokwim River mouth, AK -- 18
 193. 1903 -- Feb 17, Steamer *Olive* sunk, Tornado, Chowan Riv., Woodley's Pier, NC²⁰⁸⁰-14-18
 194. 1908 -- Jan ~23, Steamer *Bluefields* Founders, Storm off Cape Hatteras, NC -- 18
 195. 1924 -- Mar 11/12, Maine Schooner *Wyoming* sinks in blizzard off Chatham, MA --13-18

MARITIME Disasters -- **STORMS** Subset – Deadliest American – **By Mortality** (Cont.)

196. 1854 -- Dec 7/8, *Westmoreland* Founders, Lake MI Ice Storm, Manitou Passage, MI-- 17
 197. 1859 -- Apr ~1, Stm., Gloucester Schrs. *Grace T. Powers & Charles E. Grover* lost -- 17
 198. 1860 -- Nov 24, *Jersey City* Wrecked, L. Erie Stm. ~Long Pt. (Can) op. Dunkirk NY-- 17
 199. 1905 -- Oct 19, Stm. *Kaliyuga* Lost, L. Huron Stm., last seen off Presque Isle, MI -- 17
 200. 1911 -- Jan 10, Barges *Trevorton, Corbin, Pine Forest*, Wreck, Cape Cod, MA -- 17
 201. 1912 -- Nov 23, Schooner *Rouse Simmons* Sinks, Lake MI Storm ~Two Rivers, WI--11-17
 202. 1919 -- Mar ~28, Boston Tug *Charles W. Parker, Jr*, Norfolk to Boston, Stm./Lost -- 17
 203. 1924 -- Aug 26~, Three MA fishing schooners lost, probably in gale, Georges Bank-- 17
 204. 1953 -- May 11 Storm, *Henry Steinbrenner* Sinks Lake Superior ~Isle Royale, MI -- 17
205. 1860 -- Sep 17-18, Storm, *R. H. Dixie* wrecked, Bay of Mobile, off AL -- 16
 206. 1882 -- Dec 05, Sch. *Henry Folger* Grounds on Reef, Salmon Pt. ~Wellington, Ont. -- 16
 207. 1884 -- Aug 29, Steamer *Belmont* Capsizes, High Wind, near Evansville, IN -->13-16
 208. 1891 -- Aug 12, Storm, Barge *Republic* deck fails, Cold Spring Harbor, L.I., NY --13-16
 209. 1916 -- Jan 5, *Kanawha*, in storm hits tower, Capsizes, OH Ri. ~Parkersburg, WV -- 16
 210. 1918 -- Jun 02, Storm, Lifeboat from *Carolina* (sunk by U-151) Capsizes, off NJ -- 16
 211. 1929 -- Oct 29, Steamer *S. S. Wisconsin* Sinks off Kenosha, WI, Lake MI Storm -- 9-16
 212. 1978 -- June 17, Tornado, Showboat *Whippoorwill* capsized, Pomona Lake, KS²⁰⁸¹ -- 16
213. 1840 -- Mar 25, Brig *Escambia* founders betw. Frying Pan Shoals/Cape Lookout NC-12-15
 214. 1846 -- Nov, Gloucester MA Schooners *General Scott, Canton* lost, Georges Bank -- 15
 215. 1872 -- Nov 27, Barges *Jupiter & Saturn* Ground, Lake Sup. Stm., Vermilion Pt., MI-- 15
 216. 1888 -- Nov 26, Stm., Schooner *Edward Norton* Wrecks, First Cliff Pt., Scituate MA-- 15
 217. 1900 -- Aug 2-3, Storm, Steamers *Merwin, Resolute* and *Dollar* "Wreck," AK -- 15
 218. 1911 -- Jun 12, Storm, Fishing Boats Capsized, James River & Hampton Roads, VA-- 15
219. 1802 -- Feb 22/23, winter storm, ships ground, esp. *Brutus*, exposure, Cape Cod, MA²⁰⁸² 14
 220. 1851 -- Oct 03, Gloucester, MA Schooner *Flirt* Sank, Bay of St. Lawrence Gale -- 14
 221. 1856 -- Nov 26, Schooner *Cherokee* Founders, Lake MI Gale 7m so. Manistee, MI -- 14
 222. 1866 -- Jun 18, *Jennie P. King* Wrecks, L. Erie Stm., Long Pt., out of Tonawanda NY-- 14
 223. 1882 -- Dec 01, *R.G. Peters* Fire, Founders, Lake MI Storm, Bound Manistee MI -- 14
 224. 1885 -- Feb 9~, Gale, Gloucester, MA Fishing Schooner *Solomon Poole* lost GB -- 14
 225. 1887 -- Aug 20, Gale, Provincetown MA Whaling Sch. *Ellen Rizpah* lost ~Hatteras --13-14
 226. 1887 -- Sep 3~, Gloucester, MA Fishing Sch. *Thomas L. Tarr* Lost, Gale, Banks trip-- 14

²⁰⁸⁰ Cross-listed in Tornadoes.

²⁰⁸¹ Cross-listed in Tornadoes.

²⁰⁸² Cross-listed under Winter Storms.

227. 1887 -- Oct 3, Prop. *California* Founders, Lake MI Stm., Straits of Mackinac, MI --13-14
 228. 1890 -- Jan 9~, Gloucester, MA Fishing Schooner *Alice M. Strople* lost GB Gale? -- 14
 229. 1892 --Aug 26, Ship *William A. Campbell*, out of Port Townsend, WA sinks, storm --11-14
 230. 1902 -- Nov 23, Freighter *Silvanus J. Macy* Sinks, Lake Erie Storm -- 14
 231. 1911 -- Nov 12, Storm, Steam Barge Lost off NY Harbor, NY -- 14
 232. 1923 -- Dec 05, Steamer *T.W. Lake* Lost in Storm, near San Juan Islands, WA --13-14
 233. 1928 -- Aug 09, Steamer *William A. McKenney*, Storm/Drownings, Coast of CA -- 14
 234. 1942 -- Dec 2, Tug *Admiral* Sinks, Lake Erie Storm, ~10m Avon Pt. Cleveland OH -- 14
 235. 1955 -- Aug 12, Schooner *Levin J. Marvel* founders Chesapeake Bay ~Fairhaven MD-- 14

MARITIME Disasters -- **STORMS** Subset – Deadliest American – **By Mortality** (Cont.)

236. 1810 -- Sep 11, USN *Gun Boat # 159* Sinks in Gale in Chesapeake Bay -- 13
 237. 1846 -- Nov 19, Schooner *Lexington* Sinks, Lake Erie Storm, off Pt. Mouillee, MI -- 13
 238. 1867 -- Sep, Gale, Gloucester MA Fishing Sch. *Fashion* lost, Bay of St. Lawrence -- 13
 239. 1878 -- Jan 10, Storm, Boston Fishing Sch. *Little Kate* Grounds Near Duxbury, MA-- 13
 240. 1909 -- Dec 13, Sch. *Governor Ames* Wrecks, Stm., Wimble Shoals, Cape Hat. NC --11-13
 241. 1917 -- Dec 08, Storm, Ship *Eugene F. Moran* Founders off Atlantic City, NJ -- 13
 242. 1972 -- Aug 16, Marine Wind Storm off Northern CA and Southern OR -- 13
 243. 1989 -- July 31, *Avco 5* Liftboat Capsizes, Hurricane Chantal, off Morgan City, LA -- 13
244. 1821 -- Oct 25, Storm, *Sea Fox* Capsizes same day as sailing from NYC, NY -- 12
 245. 1854 -- Sep 17/18, Hurricane, Steamer *Kate Ward* Lost, Matagorda Bay TX²⁰⁸³ -- 12
 246. 1868 -- ~Dec-Jan 1869, Stm., Gloucester, MA Fishing Sch. *Forest Bell* lost, GB -- 12
 247. 1870 -- Sep 18, Gale, Gloucester, MA Fishing Schooner *Day Star* Lost at Sea -- 12
 248. 1874 -- Feb 11, Gale, Gloucester, MA Fishing Schr. *B. H. Smith*, Lost Grand Banks -- 12
 249. 1878 -- Jan 2-3, Cape Cod Storm, Schrs. *A.P. Avery*, *Powwow*, *F. Fish* Wrecked -- ~12
 250. 1885 -- Dec 25-Jan 1886, Gloucester, MA Fishing Sch. *Hyperion* lost, GB trip gale? -- 12
 251. 1887 -- Apr 01, Ship *Eldorado* (Seattle to SF) Sinks in Storm off Cape Flattery, WA-- 12
 252. 1887 -- Nov-Dec, Gloucester, MA Fishing Schooner *Peter D. Smith* lost Georges trip-- 12
 253. 1891 -- Sep, Gale, Beverly, MA Fishing Sch. *Albert Woodbury* Lost ~Nova Scotia --11-12
 254. 1895 -- Jan, 26, Storm, Barges Towed by *Sea King* Founder Off Pt. Judith RI -- 12
 255. 1899 -- Oct 30, Steamer *George L. Colwell* Founders in Gale off Coast of SC -- 12
 256. 1899 -- Dec 05, Freighter *Niagara* sinks, Lake Erie Storm, 10m E of Long Pt. Ont. -- 12
 257. 1903 -- Oct 03, Storm, Steamer *Erie L. Hackley* Sinks, Green Bay ~Green Isl., WI --11-12
 258. 1924 -- Nov 15, Rum Runner tug *William Maloney* Founders, storm, Newport, RI --11-12
 259. 1944 -- Sep 15, Hurricane, USCG Lightship *LS-73* Sinks, off coast of MA -- 12
 260. 1947 -- Mar 12, Tanker *Fort Dearborn*, San Fran. to Shanghai, breaks up, gale, Pacific--12
261. 1849 -- Apr 17, *Outward Bound* Founders, Lake MI Storm, Manitou Passage, MI -- 11
 262. 1855 -- Nov 03, *Delaware* Grounds, Lake MI Storm, 8m off Sheboygan, WI -- 11
 263. 1869 -- Nov 4-15,²⁰⁸⁴ *WW Arnold* Grounds, Lake Sup. Storm, Two Hearted River, MI-- 11
 264. 1871 -- Jul 3, Cal. Brig *Shelehoff* disabled Pacific Ocean storm, starvation, found Oct 19--11
 265. 1883 -- May 22, Schooner *Wells Burt* founders, Lake MI Storm, off Evanston, IL --10-11

²⁰⁸³ Cross-listed under Hurricane.

²⁰⁸⁴ Four dates are provided in the accounts cited in narrative, Nov 1, on or after Nov 4, Nov 11, and Nov. 15.

266. 1889 -- Feb 22, Storm, N.S. Bark *Josie Troop* hits rocks off Chicamacomico, NC -- 11
 267. 1892 -- Feb 19-Mar 02~, Gale, Sch. *Tecumseh*, Strands, Fenwick Isl. Shoals, MD --10-11
 268. 1900 -- Sep 11, Freight *John B. Lyon* Sinks, Lake Erie Stm., off Conneaut, OH -- 11
 269. 1905 -- Nov 29, *Mataafa, Edenborn, Lafayette* wreck, Lake Sup. Stm. ~Duluth MN -- 11
 270. 1908 -- Apr 26, Boat *Miriam* struck by "Cyclone," Wrecked, MS Riv. TN-AR -- 11
 271. 1909 -- Oct 11, Tug *Sybil* Wrecks, Hurricane, off coast of Miami, FL -- 11
 272. 1911 -- July 28, New England Coastal Storm, Craft Lost (esp. *Nokomis*), esp. MA -- 11
 273. 1918 -- Dec 03, Storm, *Manola* Founders, Lake Ontario, ~Duck Island, Canada. -- 11
 274. 1920 -- Feb 6, Steamer *Polias*, Snowstm., hits Old Cilley Ledge, Penobscot Bay ME-- 11
 275. 1921 -- Oct 30, Storm, House of David Schooner *Rosa Belle* Founders, mid-Lake MI-- 11
 276. 1943 -- Nov 24/25, *John P. Gaines* breaks-up, storm, 40M S of Cherikoff Isl, AK --10-11
 277. 1954 -- Aug 31, Fisher *Redstart* breaks-up during Carol, out of New Bedford, MA -- 11
 278. 1984 -- Jul 07, Sternwheel *SCItanic* Capsizes, Storm, TN Riv., Ditto's Landing, AL-- 11

MARITIME Disasters -- STORMS Subset – Deadliest American – By Mortality (Cont.)

279. 1832 -- Oct 5, Schooner *Eliza Whittlesey* capsizes, squall, Lake Erie off Ashtabula, OH--10
 280. 1849 -- Oct 06, Severe Storm, Gloucester MA Fishing Schooner *Levi Woodbury* Lost -- 10
 281. 1854 -- Nov 13, Propeller *Bucephalus* Sinks in Lake Huron storm ~Bird's Creek, MI-- 10
 282. 1867 -- May 04, Steamer *Main* Capsized in Storm on Lake Pontchartrain, LA -- 10
 283. 1871 -- Oct 3, Hurricane, TX Coast, Steamer *C. K. Hall* Lost off Cedar Point TX²⁰⁸⁵ -- >10
 284. 1884 -- Jun 27, Schooner *Deborah H. Diverty* Founders, storm, off Beck's Beach, NJ-- 10
 285. 1893 -- Aug 24, Storm, Schooner *Empire State* Sinks off Barnegat, NY -- 10
 286. 1895 -- Apr 22, Storm, Rappahannock Riv., Middlesex Co., Burham's Wharf, VA -- 10
 287. 1902 -- Oct 13, *C. B. Lockwood* Sinks, Storm, Lake Erie, off Fairport Harbor, OH -- 10
 288. 1907 -- Oct 22, Gloucester, MA fishing sch. *Clara G. Silva* loses five dories, storm -- 10
 289. 1915 -- Apr 3, Storm, Cumberland and 2 Barges Wreck, Cape Henlopen, DE -- 10
 290. 1921 -- Nov 21, Tug *Sea Eagle* hit by large wave in storm, Capsizes, ~Yaquina, OR-- 9-10

Other:

- 1957 -- Jun 27, Hurricane Audrey, fishing schooner *Keturah* down off Galveston coast -- 9
 1891 -- Oct 22, Gale, Fishing Schooner *Red Wing* breaks in surf, ~Indian Riv. Inlet, DE -- 6

²⁰⁸⁵ Cross-listed under Hurricane.

MARITIME Disasters -- "OTHER" Subset -- By Mortality

1. 1811 -- Dec 16-Feb 7, 1812, **New Madrid Earthquakes**, Mississippi River boats -- ~200
2. 1963 -- Apr 10, **Implosion**, *USS Thresher* Submarine Sinks, -- 129
3. 1915 -- May 07, *RMS Lusitania* **Torpedoed**, German Sub (1,198 killed), Atlantic -- 128
4. 1916 -- Aug 29, Cruiser *USS Memphis* driven to shore by **Giant Waves**, Dom. Rep. -- 41
5. 1987 -- May 17, *USS Stark* **hit by Iraqi Air Force Mirage missiles**, Persian Gulf²⁰⁸⁶ -- 37
6. 1846 -- Jun 27, Brig *Sutley*, Pictou N.S. to Fall River **Wrecks**, Vineyard Sound, MA -- 30
7. 1917 -- Apr 01, **Attack**, U.S. Steamer *Aztec* Hit by German Sub Torpedo, off France -- 29
8. 1803 -- March, **Massacre**, Crew of American ship *Boston*, Nootka, Vancouver Isl.²⁰⁸⁷ -- 25
9. 1867 -- Dec 31, Steamer *Henry Ames* **guards fail while unloading**, New Orleans, LA -- ~20
10. 1891 -- Mar 24, **Shipwreck**, Steamer *Strathairly*, Chicamacomico, NC -- 19
11. 1917 -- Mar 21, **Attack**, Steamer *Healdton* Torpedoed, German Sub, North Sea²⁰⁸⁸ -- 19
12. 1944 -- May 14-21, Heavy seas, sleeping Marines in LCT pitched overboard off *LST-485*, HI-- 19
13. 1918 -- Aug 27, *USS SC-209* Sub Chaser **Sunk** by USCG, S. of Long Island, NY --17-18
14. 1919 -- Dec 17, **Shipwreck**, Schooner *Sunbeam*, off Currituck, NC -- 18
15. 1894 -- Apr 10, Schooners *Albert W. Smith* and *Kate Markee* **Wrecked**, NJ Coast -- 16
16. 1897 -- Aug 12, Whaler *Navarch* **caught in ice**, abandoned off Blossom Shoals, AK --13-16
17. 1975 -- May 14, **Attack**, *USS Mayaguez*, Khmer Rouge, Koh Tang Island, Cambodia²⁰⁸⁹ -- 16
18. 1838 -- Nov 19, Drownings, Lock and Dam No. 3, Green River, Rochester, KY -- 15
19. 1917 -- Mar 16, Steamer *Vigilancia* (NY to Archangel) **torpedoed**, German Sub²⁰⁹⁰ -- 15
20. 1864 -- Jan 23, Schooner *Dashaway* **Wrecks**, Cape Mendocino, CA -- 14
21. 1867 -- Jan-Feb, Amer. Bark *John Bright* strands near Nootka Isl., BC, **crew murdered**-- 14
22. 1886 -- Nov 19, Barges *Menekaunee* & *Marinette* **Wreck**, Lake MI., ~Frankfort, MI -- 14
23. 1889 -- Mar 16, Portland, ME Bark *E.L. Pettengill*, **Wrecks**, Chesapeake Bay -- 14
24. 1981 -- May 26, USN EA-68 Prowler **Crash**, *USS Nimitz*, off Jacksonville, FL -- 14
25. 1863 -- Feb 22, Tug *Merrimac* **Wrecks**, Humboldt Bar, CA -- 13
26. 1884 -- June 8, **Ferry Boat goes over Falls**, Drownings, Thompson's Falls, MT -- 11
27. 1882 -- Jan 22, **Shipwreck**, Bark *F.L. Carney*, South Hatteras Inlet, NC -- 8-10
28. 1909 -- Dec 23, Schooner *Susie M. Plummer* **abandoned**, Cape Flattery, WA -- 10

Other

²⁰⁸⁶ Cross-listed in Violence -- Attacks.

²⁰⁸⁷ Cross-listed in Violence – Massacres of Whites by Natives.

²⁰⁸⁸ U.S. was not at war at the time. Congress declared war on April 6, 1917.

²⁰⁸⁹ Cross-listed in Maritime.

²⁰⁹⁰ U.S. was not at war at the time. Congress declared war on April 6, 1917.

MINING, Quarrying, Tunneling Events – Deadliest American -- By Mortality

1.	1907 -- Dec 06, Monongah No. 6 & 8 Coal Mine Explosion, Fairmont, WV	--300- >500
2.	1909 -- Nov 13, Fire, St. Paul Coal Mine, Cherry Hill, IL	--259-300
3.	1928 -- May 19, Explosion, Mather No. 1 Coal Mine, Mather, PA	-- 273
4.	1913 -- Oct 22, Explosion, Stag Canon 2 Coal Mine, Dawson, NM	-- 263
5.	1900 -- May 01, Explosion, Winter Quarters 1 & 4 Coal Mine, Scofield, UT	--200-246
6.	1907 -- Dec 19, Explosion, Darr Coal Mine (Jacobs Creek), Monessen, PA	-- 239
7.	1902 -- May 19, Explosion, Fraterville Coal Mine, Coal Creek, TN	--184-227
8.	1904 -- Jan 25, Explosion, Harwick Coal Mine, Cheswick, PA	-- 184
9.	1914 -- Apr 28, Explosion, New River Coal Mine 5 & 6, Eccles, WV	-- 183
10.	1924 -- Mar 08, Fire & Explosion, Castle Gate #2 Coal Mine, Castle Gate, UT	-- 172
11.	1903 -- June 30, Explosion, Hanna No. 1 Coal Mine, Hanna, WY	-- 169
12.	1917 -- June 8, Shaft Fire, Granite Mountain (Speculator) Copper Mine, Butte, MT	-- 167
13.	1905 -- Feb 20, Explosion, Coal Mine, Virginia City, AL	-- 160
14.	1908 -- Nov 28, Explosion, Rachel and Agnes Coal Mine, Marianna, PA	-- 154
15.	1911 -- Apr 08, Banner Coal Mine Explosion, Pratt Consolidated, Littleton, AL	--128-129
16.	1917 -- Apr 27, Explosion, Hastings Coal Mine, near Trinidad, CO	-- 121
17.	1923 -- Feb 8, Explosion, Stag Canon No. 1 Coal Mine, Dawson, MN	-- 120
18.	1915 -- March 2, Explosion, Layland # 3 Coal Mine, New River Canyon, WV	-- 119
19.	1924 -- Apr 28, Explosion, Coal Mine, Benwood (near Wheeling), WV	-- 119
20.	1951 -- Dec 21, New Orient Coal Mine #2 Gas Explosion, West Frankfort, IL	-- 119
21.	1912 -- Apr 23, Explosion, Pittsburgh Coal Co., Cincinnati Mine, Finleyville, PA	-- 115
22.	1902 -- July 10, Explosion, Rolling Mill Coal Mine, Johnstown, PA	-- 113
23.	1884 -- March 13, Explosion, Laurel Coal Mine, Pocahontas, VA	-- 112
24.	1927 -- Apr 30, Explosion, Federal No. 3 Coal Mine, Everettville, WV	-- 111
25.	1947 -- March 25, Explosion, Centralia No, 5 Coal Mine, Centralia, IL	-- 111
26.	1869 -- Sep 6, Fire, Avondale Coal Mine, Plymouth, PA	-- 110
27.	1891 -- Jan 27, Explosion, Mammouth Coal Mine, Mt. Pleasant, PA	-- 109
28.	1892 -- Jan 7, Explosion, Osage Coal Mine No. 11, Krebs, OK	-- 100
29.	1908 -- Dec 30, Explosion, Coal Mine, Ennis, WV	-- 100
30.	1911 -- Dec 9, Explosion, Cross Mountain Coal Mine, Briceville, TN	-- 100
31.	1923 -- Aug 14, Explosion, Frontier No. 1 Coal Mine, Kemmerer, WY	-- 99
32.	1913 -- Apr 23, Explosion, Cincinnati Coal Mine, Finleyville, PA	-- 98
33.	1919 -- June 5, Explosion, Baltimore Tunnel No. 2 Coal Mine, Wilkes-Barre, PA	--92-93
34.	1972 -- May 2, Fire/Gas Poisoning, Sunshine Silver Mine, Kellogg, ID	--91-92
35.	1926 -- Jan 13, Explosion, No. 21 Coal Mine, Wilburton, OK	-- 91
36.	1940 -- Jan 10, Explosion, Pond Creek Coal Mine, Bartley, WV	-- 91
37.	1922 -- Nov 22, Explosion, Dolomite No. 3 Coal Mine, Dolomite, AL	-- 90
38.	1907 -- Jan 29, Explosion, Stuart Colliery Coal Mine, Stuart, WV	-- 85
39.	1910 -- May 5, Explosion, Coal Mine No. 3, Palos/Birmingham, AL	-- 84
40.	1930 -- Nov 05, Methane Explosion, Sunday Creek Coal Mine No. 6, Millfield, OH	-- 82
41.	1912 -- March 26, Explosion, Jed Coal Mine, Jed , WV	-- 81
42.	1910 -- Nov 8, Explosion, Victor American No. 3 Coal Mine, Delagua, CO	-- 79
43.	1922 -- Nov 6, Explosion, Reilly No. 1 Coal Mine, Spangler, PA	-- 79
44.	1968 -- Nov 20, Explosion, Consol 9 Coal Mine, Farmington, WV	-- 78

MINING, Quarrying & Tunneling – By Mortality (Cont.)

45.	1867 -- Apr 03, Bright Hope Mine Disaster, Chesterfield County, Winterpock, VA	--69-75
46.	1910 -- Jan 31, Explosion, Primero "A" Coal Mine, Primero, CO	-- 75
47.	1883 -- Feb 16, Diamond Coal Mine Roof Collapse & Flooding, Braidwood IL	--69-74
48.	1943 -- Feb 27, Explosion, Smith Coal Mine #3, Washoe & Bearcreek, MT	-- 74
49.	1911 -- Apr 7, Fire, Price-Pancoast Coal Mine, Throop, PA	-- 73
50.	1912 -- Mar 20, Explosion, San Bois No. 2 Coal Mine, McCurtain, OK	-- 73
51.	1940 -- Mar 16, Hanna Coal Co. Willow Grove #10 Mine Explos., ~St. Clairsville, OH--	72
52.	1909 -- Jan 12, Explosion, Pocahontas Coal Mine, Lick Branch, WV	-- 67
53.	1944 -- July 5, Fire, Powhatan No. 1 Coal Mine, Powhatan Point, OH	-- 66
54.	1940 -- July 15, Coal Mine Explosion, Sonman, Portage Township, Cambria Co., PA	-- 63
55.	1917 -- Aug 04, Explosion, West Kentucky No. 7 Coal Mine, Clay, KY	-- 62
56.	1929 -- Dec 17, Explosion, Old Town Coal Mine, McAlester, OK	-- 61
57.	1895 -- Mar 20, Explosion, Coal Mine, Red Canyon, near Evanston, WY	-- 60
58.	1884 -- Jan 24, Explosion, Coal Mine, Crested Butte, CO	-- 59
59.	1908 -- Mar 28, Explosion, Hanna No. 1 Coal Mine, Hanna, WY	-- 59
60.	1896 -- Jun 28, Roof Collapse and Flood, Twin Shaft Coal Mine, Pittston, PA	-- 58
61.	1907 -- Dec 16, Explosion, Yolande Coal Mine, Yolande, AL	-- 57
62.	1910 -- Oct 08, Coal Mine Dust Explosion, Colorado Fuel Co., Starkville, CO	-- 56
63.	1942 -- May 12, Explosion, Christopher No. 3 Coal Mine, Osage, WV	-- 56
64.	1855 -- March 19, Explosion, Coal Mine, Midlothian, VA	-- 55
65.	1932 -- Dec 24, Coal Mine Methane Gas Explosion, Moweaqua, Shelby County, IL	-- 54
66.	1839 -- March 18, Explosion, Black Heath Coal Mine, Richmond, VA	-- 53
67.	1909 -- Jan 20, Magazine Explos., Water Tunnel Crib Fire, Lake Mich., ~ Chicago, IL--	53
68.	1925 -- May 27, Explosion, Carolina Coal Mine, Farmville (now Coal Glen), NC	-- 53
69.	1925 -- Dec 10, Explosion, Overton No. 2 Coal Mine, Irondale, AL	-- 53
70.	1914 -- Oct 27, Explosion, North No. 1 Coal Mine, Royaltan, IL	-- 52
71.	1925 -- Feb 20, Explosion, City Coal Mine, Sullivan, IN	-- 52
72.	1926 -- Nov 3, Flood, Barnes Hecker Iron Mine, Ishpeming, MI	-- 51
73.	1896 -- Feb 18, Explosion, Vulcan Coal Mine, New Castle, CO	-- 49
74.	1905 -- Apr 3, Explosion, Zeigler Coal Mine, Zeigler, IL	-- 49
75.	1922 -- Aug 27, Fire, Argonaut Gold Mine, Jackson, CA	-- 47
76.	1900 -- March 6, Explosion, Red Ash Coal Mine, New River Canyon, WV	-- 46
77.	1929 -- March 21, Explosion, Kinloch Coal Mine, Parnassus, PA	-- 46
78.	1892 -- May 10, Explosion, Roslyn Coal Mine, Roslyn, WA	-- 45
79.	1938 -- Apr 22, Explosion, Keen Mountain Coal Mine, Hanger, VA	-- 45
80.	1926 -- Aug 26, Explosion, Clymer No. 1 Coal Mine, Clymer, PA	-- 44
81.	1924 -- Feb 5, Flooding, Milford Iron Ore Mine, Crosby, MN	-- 41
82.	1888 -- Nov 9, Explosion, Coal Mine Shaft No. 2, Frontenac, KS	-- 40
83.	1910 -- Apr 20, Explosion, Mulga Coal Mine, Mulga, AL	-- 40
84.	1886 -- Jan 21, Explosion, Newburg Coal Mine, Newburg, WV	-- 39
85.	1895 -- Dec 19, Explosion, Cumnock Coal Mine, Cumnock, NC	-- 39
86.	1924 -- Sep 16, Explosion, Sublet No. 5 Coal Mine, Sublet, WY	-- 39
87.	1881 -- Mar 04, Explosion, Coal Mine, Almy, WY	-- 38
88.	1932 -- Feb 27, Explosion, Boissevain Coal Mine, Boissevain, VA	-- 38

89. 1970 -- Dec 30, Explosion, Finley Coal Co. Nos. 15 & 16 Mine, Hyden, KY -- 38

MINING, Quarrying & Tunneling – By MORTALITY (Cont.)

90. 1869 -- Apr 07, Fire, Kentucky-Yellow Jacket Gold Mine, Gold Hill, NV -- 37
91. 1894 -- Aug 24, Fire, Franklin Coal Mine, Asphyxiation, Franklin, WA -- 37
92. 1910 -- Mar 02, Powder Explosion, Alaska-Mexico Gold Mine, Treadwell, AK -- 37
93. 1913 -- Dec 16, Explosion, Vulcan Coal Mine, New Castle, CO -- 37
94. 1926 -- Dec 09, Explosion, Francisco No. 2 Coal Mine, Francisco, IN -- 37
95. 1957 -- Feb 04, Gas Explosion, Pocahontas Fuel, Coal Mine No. 35, Bishop, WV -- 37
96. 1962 -- Dec 06, Coal Mine gas and dust Explosions, Robena No. 3, Carmichaels, PA -- 37
97. 1906 -- Oct 03, Explosion, Pocahontas Coal Mine, Pocahontas, VA -- 36
98. 1924 -- Jan 26, Explosion, Lancashire No. 18 Coal Mine, Shanktown, PA -- 36
99. 1902 -- July 15, Daly-West lead/silver mine explosion/asphyxiations, Park City, UT -- 34
100. 1907 -- Dec 01, Explosion, Naomi Coal Mine, Fayette City, PA -- 34
101. 1910 -- Feb 01, Explosion, Browder Coal Mine, Browder, KY -- 34
102. 1937 -- Oct 15, Explosion, Mulga Coal Mine, Mulga, AL -- 34
103. 1942 -- Jan 27, Explosion, Wadge Coal Mine, Mount Harris, CO -- 34
104. 1924 -- Jan 25, Explosion, McClintock Coal Mine, Johnston City, IL -- 33
105. 1925 -- Mar 17, Explosion, Bethlehem Mines Coal Mine, Barrackville, WV -- 33
106. 1882 -- Feb 03, Explosion, Midlothian Coal Mine, Coalfield, VA -- 32
107. 1890 -- June 16, Fire, Hill Farm Coal Mine, Dunbar, PA -- 31
108. 1899 -- Dec 09, Explosion, Carbon Hill No. 7 Coal Mine, Carbonado, WA -- 31
109. 1915 -- Nov 16, Dust Explosion, Pacific Northwestern Coal Mine, Ravensdale, WA -- 31
110. 1940 -- Nov 29, Explosion, OH-PA Coal Co. Nelms No. 1 Mine, Cadez, OH -- 31
111. 1942 -- Mar 26, Asphyxiation, Sandts Eddy Limestone Quarry, Allentown, PA -- 31
112. 1879 -- Nov 18, Gas Explosions, Railroad Tunnel No. 3, near San Jose, CA -- ~30
113. 1895 -- Sep 07, Fire, Osceolo Copper Mine Level 27, Calumet, MI -- 30
114. 1895 -- Dec 20, Explosion, Nelson Coal Mine, Dayton, TN -- 30
115. 1916 -- Nov 04, Explosion, Bessie Coal Mine Palos, AL -- 30
116. 1930 -- Oct 27, Explosion, Wheatley No. 4 Coal Mine, McAlester, OK -- 30
117. 1908 -- Aug 26, Fire, Hailey-Oklahoma No. 1 Coal Mine, Haileyville, OK -- 29
118. 2010 -- Apr 5, Gas Explosion, Upper Big Branch Coal Mine, Montcoal, WV -- 29

119. 1885 -- Dec 18, Water Breach/Quicksand, Nanticoke Coal Mine # 1 Nanticoke, PA --26-28
120. 1890 -- May 15, Explosion, Jersey No. 8 Coal Mine, Ashley, PA -- 28
121. 1893 -- Sep 28, Flooding, Mansfield Iron Mine, Crystal Falls, MI -- 28
122. 1901 -- Nov 20, Ext. Fire/Suffocation, Smuggler-Union Gold/Sil. Mine, Pandora CO-- 28
123. 1931 -- Jan 28, Gas Explosion, Little Betty Coal Mine, Dugger, near Linton, IN -- 28
124. 1939 -- July 14, Explosion, Duvin Coal Mine, Providence, KY -- 28
125. 1943 -- Aug 28, Explosion, Sayreton No. 2 Coal Mine, Sayreton, AL -- 28

126. 1916 -- Feb 11, Explosion, Ernest No. 2 Coal Mine, Ernest, PA -- 27
127. 1923 -- Nov 06, Explos., Raleigh-Wyoming, Glen Rogers coal mine, Beckley WV-- 27
128. 1926 -- Jan 29, Explosion, Mossboro No. 1 Coal Mine, Helena, AL -- 27
129. 1926 -- Oct 04, Explosion, Rockwood Coal Mine, Rockwood, TN -- 27

130. 1947 -- July 24, Explosion, Old Ben No. 8 Coal Mine, West Frankfort, IL -- 27
 131. 1984 -- Dec 19, Fire, Wilberg Mine, Emery Mining, Orangeville, UT -- 27

MINING, Quarrying, Tunneling Events – By MORTLITY (Cont.)

132. 1901 -- Feb 25, Fire, Diamondville No. 1 Coal Mine, Diamondville, WY -- 26
 133. 1909 -- Jan 10, Explosion, Zeigler Coal Mine, Zeigler, IL -- 26
 134. 1910 -- Mar 11, **Landslide**, Norman **Open-Pit Mine**, Virginia, MN²⁰⁹¹ -- 26
 135. 1924 -- Mar 28, Explosion, #2 Mine, Yukon Pocahontas Coal, Yukon, WV -- 26
 136. 1976 -- Mar 9-11 Explosions, Scotia Mine, Blue Diamond Coal, Oven Fork, KY -- 26
137. 1907 -- Feb 4, Coal Mine Explos. (Gas), Thomas #25, Thomas, Tucker Co., WV -- 25
 138. 1910 -- June 1, Explosion, Union Limestone Quarry, Devils Slide, UT -- 25
 139. 1922 -- Feb 02, Explosion, Gates No, 2 Coal Mine, Gates, PA -- 25
 140. 1945 -- Dec 26, Explosion, Belva No. 1, Coal Mine, Fourmile, KY -- 25
141. 1888 -- Mar 29, Explosion, Keith & Perry No. 6 Coal Mine, Rich Hill, MO -- 24
 142. 1893 -- Jan 10, Explosion, Como Coal Mine, King, CO -- 24
 143. 1895 -- Feb 27, Explosion, White Ash Coal Mine, Cerrilos, NM -- 24
 144. 1905 -- Mar 18, Explosion, Rush Run & Red Ash Coal Mine, Red Ash, WV -- 24
 145. 1906 -- Jan 4, Powder Explosion, Coaldale Coal Mine, Mercer County, WV --22-24
 146. 1907 -- Jan 23, Explosion, Primero Coal Mine, Primero, CO -- 24
 147. 1913 -- Nov 18, Explosion, Acton No. 2 Coal Mine, Acton, AL -- 24
148. 1895 -- Apr 8, Explosion, Blue Canyon Coal Mine, Lake Whatcom, WA -- 23
 149. 1900 -- May 23, Cumnock coal mine gas explosion, Cumnock, Chatham County, NC--23
 150. 1906 -- Feb 08, Gas Explosion, Parral Coal Mine, Parral, WV -- 23
 151. 1906 -- Mar 22, Dust Explosion, Century Coal Mine, No. 1 Shaft, Century, WV -- 23
 152. 1909 -- May 12, Dynamite Explosion, Calanan Quarry, South Bethlehem, NY -- 23
 153. 1911 -- Apr 24, Explosion, Ott No. 20 Coal Mine, Elk Garden, WV -- 23
 154. 1915 -- Nov 30, Explosion, Boomer No. 2 Hanna Coal Mine, Boomer, WV -- 23
 155. 1916 -- July 24, Gas Explosion, Cleveland Waterworks Tunnel, Cleveland, OH --21-23
 156. 1930 -- Feb 06, Explosion, Standard Coal Mine, Standardville, UT -- 23
 157. 1932 -- Dec 09, Explosion, Zero Coal Mine, Yancey, KY -- 23
 158. 1945 -- May 9, Explosion, No. 1 Coal Mine, Sunnyside, UT -- 23
159. 1901 -- Oct 26, Explosion, Diamondville Coal Mine, Diamondville, WY -- 22
 160. 1902 -- Jan 24, Coal Mine Explosion, Lost Creek Mining Co. No. 2, Oskaloosa, IA-- 22
 161. 1902 -- Mar 31, Explosion, Nelson Coal Mine, Coal/Iron Co., Dayton, TN -- 22
 162. 1915 -- Feb 06, Explosion, Carlisle Coal Mine, Oak Hill, WV --20-22
 163. 1919 -- Apr 29, Explosion, Majestic Coal Mine, Majestic, AL -- 22
 164. 1958 -- Oct 27, Gas Explosion, Coal Mine 35, Pocahontas Fuel, Bishop, WV -- 22
 165. 1961 -- Mar 02, Viking Coal Mine Air Dust Explosion, near Terre Haute, IN -- 22
 166. 1963 -- Apr 25, Gas Explosion, Clinchfield Coal Compass 2 Mine, Dola, WV -- 22
 167. 1971 -- Dec 11, Gas Explosion, Lake Huron Water Tunnel, Port Huron, MI -- 22

²⁰⁹¹ Cross-listed in Landslides.

MINING, Quarrying, Tunneling Events – By MORTALITY (Cont.)

168.	1880 -- July 20, Tunnel Construc. Failure (Blowout), Hudson Riv, Jersey City, NJ--	21
169.	1901 -- May 27, Dust Explosion, New Richland Coal Mine, Dayton, TN	--20-21
170.	1904 -- Oct 28, Explosion, Terico Coal Mine, Terico, CO	-- 21
171.	1909 -- June 23, Explosion, Lackawanna No. 4 Coal Mine, Wehrun, PA	-- 21
172.	1911 -- July 15, Explosion, Cascade Coal Co. Mine, Sykesville, PA	-- 21
173.	1916 -- Feb 14, Fire, Pennsylvania Copper Mine, Butte, MT	-- 21
174.	1918 -- Sep 28, Explosion, North Coal Mine, Royalton, IL	-- 21
175.	1928 -- Jan 09, Explosion, No. 18 Coal Mine, West Frankfort, IL	-- 21
176.	1968 -- Mar 6, Cargill Salt Mine Shaft Fire, CO ² Asphyxiation, Belle Isle, LA ²⁰⁹²	-- 21
177.	1871 -- May 27, Smoke Suffocation, West Pittston Coal Mine, West Pittston, PA	-- 20
178.	1913 -- Aug 02, Explosion, East Brookside Coal Mine, Tower City, PA	-- 20
179.	1916 -- Dec 13, Explosion, Fidelity No. 9 Coal Mine, Stone City, KS	-- 20
180.	1919 -- Oct 29, Fire, Amsterdam No. 2 Coal Mine, Amsterdam, OH	-- 20
181.	1926 -- Feb 03, Explosion, Horning No. 4, Coal Mine, Horning, PA	-- 20
182.	1926 -- Mar 08, Explosion, Crab Orchard/Eccles No. 5 Coal Mine, Eccles, WV	-- 20
183.	1937 -- July 15, Explosion, Baker Coal Mine, Sullivan, IN	-- 20
184.	1942 -- July 09, Explosion, Pursglove Coal Mine No. 2, Pursglove, WV	-- 20
185.	1854 -- May 19, Explosion, Chesterfield Coal Mine, New Richmond, VA	-- 19
186.	1884 -- Feb 20, Explosion, West Leisenring Coal Mine, West Leisenring, PA	-- 19
187.	1899 -- Dec 23, Explosion, Braznell Mine Sumner Mine, Redstone Township, PA	-- 19
188.	1901 -- Jun 10, Explosion, Port Royal No. 2 Coal Mine, Port Royal, PA	-- 19
189.	1915 -- Aug 31, Explosion, Orenda Coal Mine, Boswell, PA	-- 19
190.	1926 -- Jan 14, Explosion, Jamison Coal Co Mine No. 8, Farmington, WV	-- 19
191.	1887 -- Apr 04, Dust Explosion, Savanna #2 Coal Mine, Savanna, OK	-- 18
192.	1888 -- Nov 3, Cook's Run Mine Explosion, Kettle Creek Coal Mine, Westport PA--	18
193.	1905 -- Dec 02, Explosion, No. 1 Coal Mine, Diamondville, WY	-- 18
194.	1906 -- Jan 18, Dust Explosion, Detroit Coal Mine, Paint Creek, WV	-- 18
195.	1906 -- Apr 22, Explosion, Cuatro Coal Mine, Tercio, CO	-- 18
196.	1909 -- Feb 02, Explosion, Short Creek Coal Mine, Short Creek, AL	-- 18
197.	1910 -- Apr 22, Explosion, Youghiogheny/Ohio Coal Mine, Amsterdam, OH	-- 18
198.	1911 -- Nov 18, Explosion, Bottom Creak Coal Mine, Bottom Creek, WV	-- 18
199.	1912 -- Jul 24, Inundation, Superba/Lemont Coal Mine, Evans Station, PA	-- 18
200.	1912 -- Aug 13, Explosion, Abernant Coal Mine, Abernant, AL	-- 18
201.	1916 -- Oct 22, Explosion, Marvel (Roden Mine) Coal Mine, Marvel, AL	-- 18
202.	1917 -- Nov 29, Explosion, Old Ben No. 11 Coal Mine, Christopher, IL	-- 18
203.	1917 -- Dec 15, Explosion, Yukon Pocahontas Coal Mine, Susanna, WV	-- 18
204.	1918 -- Jun 27, Powder Explosion, Silver Open Pit Iron Mine, Virginia, MN	-- 18
205.	1919 -- Aug 18, Gas Explosion, Oakdale Coal Mine, La Veta, CO	-- 18
206.	1934 -- Dec 27, Boiler Explosion, Engine Hauling Mine Workers, McDunn WV ²⁰⁹³	-- 18

²⁰⁹² Cross-listed in Carbon Monoxide poisoning typology.

207.	1937 -- Mar 11, Explosion, Hutchinson Coal Co., Mine, Macbeth, WV	--	18
208.	1960 -- Mar 08, Fire, Island Creek Coal Co. No. 22 Mine, Holden, WV	--	18
209.	1963 -- Aug 27, Texas Gulf Sulfur Co., Potash Mine Gas Explosion, ~Moab, UT	--	18

MINING, Quarrying, Tunneling Events – By MORTALITY (Cont.)

210.	1863 -- Nov 30, Explosion, Raccoon, Clover Hill Coal Mine, Winterpock, VA	--	17
211.	1871 -- Aug 14, Explosion, Eagle Shaft Coal Mine, Pittston, PA	--	17
212.	1889 -- Dec 22, Utica Gold Mine North Shaft Collapse/Cave-in, Angels Camp, CA	--16-17	
213.	1891 -- Feb 04, Flooding, Jeansville Coal Mine, Near Hazleton, PA	--	17
214.	1901 -- Nov 14 & 22, Fire, Baby and West Mines, Pocahontas Coal, Pocahontas, VA	--	17
215.	1902 -- Sep 15, Gas Explos., Algoma Coal & Coke Mine, Algoma, McDowell Ct., WV	--	17
216.	1903 -- Nov 21, Explosion, Ferguson Coal Mine, Connellsville, PA	--	17
217.	1904 -- Dec 07, Explosion, No. 5 Coal Mine, Burnett, WA	--	17
218.	1911 -- Feb 09, Explosion, Cokedale Coal Mine, Trinidad, CO	--	17
219.	1911 -- Feb 23, Fire/Asphyxiation, Belmont Gold/Silver Mine, Tonopah, NV	--	17
220.	1918 -- Feb 21, Cave-in, Amasa-Porter Iron Mine, Crystal Falls, MI	--	17
221.	1922 -- Mar 24, Explosion, Sopris No. 2 Coal Mine, Sopris, CO	--	17
222.	1925 -- Jun 08, Explosion, Dorrance No. 9 Coal Mine, Sturgis, KY	--	17
223.	1928 -- May 22, Explosion, Yukon Pocahontas Coal Mine No. 1, Yukon, WV	--	17
224.	1930 -- Apr 12, Explosion, Carbonado Coal Mine, Carbonado, WA	--	17
225.	1934 -- Aug 06, Explosion, Derby No. 3 Coal Mine, Big Stone Gap, VA	--	17
226.	1907 -- May 01, Gas Explosion, Whipple Coal Mine, Scarboro, WV	--	16
227.	1909 -- Mar 31, Explosion, Echo Mine, Beury Bros. Coal Mining, Beury, WV	--	16
228.	1910 -- Nov 06, Explosion, Lawson Coal Mine, Black Diamond, WA	--	16
229.	1914 -- Oct 05, Explosion, Mulga Coal Mine, Mulga, AL	--	16
230.	1915 -- Oct 19, Dynamite Explosion, Granite Mountain Copper Mine, Butte, MT	--	16
231.	1916 -- Feb 29, Davis Coal & Coke Co., Mine No. 42 Dust Explos., ~Kempton, MD	--	16
232.	1920 -- Apr 19, Explosion, Majestic Coal Mine, Birmingham, AL	--	16
233.	1926 -- Sep 03, Explosion, Tahona Coal Mine, Tahona, OK	--	16
234.	1930 -- Mar 30, Explosion, Pioneer Coal Mine, Kettle Island, KY	--	16
235.	1944 -- Mar 25, Explosion, Kathrine Coal Mine No. 4, Lumberport, WV	--	16
236.	1954 -- Nov 13, Explosion, Jamison Coal Co. Mine 9, Farmington, WV	--	16
237.	1869 -- Dec 18, Subsidence, Houses fall into Coal Mine, Stockton, near Hazleton, PA	6-15	
238.	1892 -- July 23, Explosion, York Farm Coal Mine, Pottsville, PA	--	15
239.	1919 -- Jun 30, Explosion, Alderson No. 5 Coal Mine, Alderson, OK	--	15
240.	1900 -- Nov 02, Explosion, Southern Coal & Trans. Co. Mine, Berryburg, WV	--	15
241.	1902 -- Jan 07, Copper Mine Cave-in, Negaunee, MI	--	10-15
242.	1904 -- Jan 26, Mine Cage Fall, Stratton Independence Gold Mine, Victor, CO	--	15
243.	1913 -- May 17, Explosion, Noble Coal Mine, Imperial Mining, Belle County, OH	--	15
244.	1919 -- Jun 30, Explosion, Alderson No. 5 Coal Mine, Alderson, OK	--	15
245.	1927 -- Aug 03, Explosion, West Kentucky No. 7 Coal Mine, Clay, KY	--	15
246.	1930 -- Nov 29, Explosion, Lutie No. 5 Coal Mine, Lutie, OK	--	15
247.	1941 -- Oct 27, Explosion, Daniel Boon Coal Mine, Daniel Boone, KY	--	15
248.	1946 -- Jan 15, Explosion, New River & Pocahontas Coal Mine, Havaco, WV	--	15

²⁰⁹³ Cross-listed in Rail.

249. 1946 -- Apr 18, Explosion, Great Valley Coal Mine, McCoy, VA -- 15
 250. 1947 -- Jan 15, Explosion, Nottingham Coal Mine, Plymouth, PA -- 15
 251. 1981 -- Apr 15, Dutch Creek No. 1 methane/coal dust mine explos., Redstone, CO -- 15

MINING, Quarrying, Tunneling Events – By MORTALITY (Cont.)

252. 1846 -- Jan 12, Cave-in, Delaware & Hudson Coal Mine, Carbondale, PA -- 14
 253. 1884 -- Oct 27, "Fire Damp" Gas Explos., Youngstown Coke Works, Uniontown, PA -14
 254. 1897 -- Mar 04, Explosion, Kansas & Texas #44 Coal Mine, Huntington, AR -- 14
 255. 1906 -- Jan 24, Explosion, Poteau No. 6 Coal Mine, Witteville, OK -- 14
 256. 1906 -- Feb 19, Explosion, Maitland Coal Mine, Walsenburg, CO -- 14
 257. 1907 -- May 11, Tunnel Dynamite Explosion, South & Western RR, Alta Pass, NC-- 9-14
 258. 1911 -- Mar 11, Slide, Norman Open Pit Iron Mine, Virginia, MN -- 14
 259. 1911 -- Sep 28, Cave-in, Shakespeare Placer Gold Mine, Dome Creek, AK -- 14
 260. 1917 -- Mar 13, Explosion, No. 1 Coal Mine, Hendersonville, PA -- 14
 261. 1924 -- Jun 06, Explosion, Loomis Collieries Coal Mine, Nanticoke, PA -- 14
 262. 1929 -- Jan 26, Explosion, Kingston Pocahontas Coal Mine, Kingston, WV -- 14
 263. 1932 -- Dec 07, Explosion, Morgan-James Coal Mine, Madrid, NM -- 14
 264. 1937 -- Oct 26, Evan-Jones Coal Mine Explosion and Fire, Jonesville, Alaska -- 14
 265. 1941 -- May 22, Explosion, Panhandle No. 2 Coal Mine, Bicknell, IN -- 14
 266. 1943 -- Sep. 24, Explosion, Primrose Colliery Coal Mine, Minersville, PA -- 14
 267. 1958 -- Oct. 28, Gas Explosion, Oglebay Norton Burton Mine, Craigsville, WV -- 14
 268. 1867 -- Oct 19, Naphtha Explosion/Fire, Hoosac Tunnel, Northern Berkshires, MA-- 13
 269. 1886 -- Jan 12, Explosion, Almy No. 4 Coal Mine, Almy, WY -- 13
 270. 1894 -- Feb 13, Roof Collapse, Gaylord Coal Mine, Plymouth, PA -- 13
 271. 1896 -- Mar 23, Explosion, Berwind Coal Mine, DuBois, PA -- 13
 272. 1901 -- Aug 14, Waterworks Crib Fire, two miles off Cleveland Harbor, OH²⁰⁹⁴ --12-13
 273. 1902 -- Aug 07, Explosion, Bowen Coal Mine, Bowen, CO -- 13
 274. 1905 -- Apr 27, Explosion, Eleanora Coal Mine, Dubois, PA -- 13
 275. 1905 -- Apr 30, Explosion, No. 19 Coal Mine, Wilburton, OK -- 13
 276. 1909 -- Oct 31, Explos., Franklin No. 2 Coal Mine, Cambria Steel, Johnstown PA --12-13
 277. 1910 -- Nov 28, Gas Explosion, Jumbo Asphalt Mine, Durant, OK -- 13
 278. 1914 -- Sep 04, Roof Fall, No. 1 Coal Mine, Adamson, OK -- 13
 279. 1914 -- Dec 09, Haulage Accident, Tripp Coal Mine, Scranton, PA -- 13
 280. 1915 -- Feb 17, Gas Explos., Oakwood Shaft, Prospect Coal Mine, Wilkes-Barre, PA--13
 281. 1918 -- May 20, Fire, Mill Creek Cannel Mining Co. Coal Mine, Charleston, WV -- 13
 282. 1919 -- Mar 31, Explosion, Empire Coal Mine, Aguilar, CO -- 13
 283. 1928 -- Feb 24, Explosion, Mama No. 3 Coal Mine, Jenny Lind, AR -- 13
 284. 1928 -- Aug 15, Explosion, Irvona No. 3 Coal Mine, Coalport, PA -- 13
 285. 1935 -- Jan 21, Gas Explosion, Gilberton Coal Mine, Gilberton, PA -- 13
 286. 1943 -- Jan 08, Fire, Mine No. 15, Pursglove Coal Mine, Pursglove, WV -- 13
 287. 1948 -- July 27, Explosion, King Coal Mine, Princeton, IN -- 13
 288. 1981 -- Dec 8, Coal mine No. 21 (Grundy Mining) methane gas explos., Whitwell, TN--13
 289. 2001 -- Sep 23, Jim Walter Resources No. 5 Coal Mine Gas Explosion, Brookwood, AL--13

²⁰⁹⁴ Cross listed in Fires, Structural.

MINING, Quarrying, Tunneling Events – By MORTALITY (Cont.)

290.	1868 -- Mar 31, Shaft Platform Break/Fall, Diamond Coal Mine, Scranton, PA	--	12
291.	1885 -- Aug 11, Gas from Boiler Fire, West End Coal Mine, Mocanaqua, PA	--	12
292.	1886 -- Nov 26, Gas Explosion, Conyngham Coal Mine, Wilkes-Barre, PA	--	12
293.	1891 -- Nov 08, Explosion, Susquehanna No. 1, Coal Mine, Nanticoke, PA	--	12
294.	1895 -- Aug 29, Flooding, Sleepy Hollow Gold Mine, Sleepy Hollow, CO	--	12
295.	1897 -- Sep 03, Explosion, Sunshine Coal Mine, Sunshine, CO	--	12
296.	1905 -- Aug 16, Quarry Landslide, Lehigh Portland Cement Co., Ormrod, PA	--	12
297.	1906 -- Feb 27, Explosion, Little Cahaba Coal Mine, Piper, AL	--	12
298.	1907 -- Jan 26, Powder Explosion, Lorentz Coal Mine, Penco, WV	--	12
299.	1908 -- May 12, Explosion, Mount Lookout Coal Mine, Wyoming, PA	--	12
300.	1910 -- Feb 05, Explosion, Ernest No. 2 Coal Mine, Ernest, PA	--	12
301.	1911 -- Jan 31, Suffocation, Tunnel Caisson, Pontoon, Passaic River, Newark, NJ	--	12
302.	1911 -- Oct 19, Flood, Wharton Iron Mine Shaft, Hibernia, NJ	--	12
303.	1912 -- Jun 18, Explosion, Hastings Coal Mine, Hastings, CO	--	12
304.	1914 -- Jan 10, Explosion, Rock Castle Coal Mine, Rock Castle, AL	--	12
305.	1918 -- Aug 28, Explosion, Burnett Coal Mine, Burnett, WA	--	12
306.	1920 -- Nov 23, Explosion, Parrish Coal Mine, Parrish, AL	--	12
307.	1921 -- Aug 31, Explosion, Harco Coal Mine, Harrisburg, IL	--	12
308.	1922 -- Nov 25, Explosion, Cerillos No. 4 Coal Mine, Cerillos, NM	--	12
309.	1928 -- Feb 20, Explosion, Kinloch Coal Mine, Parnassus, PA	--	12
310.	1930 -- Mar 26, Explosion, Crown Coal Co, Yukon Mine, Arnettsville, WV	--	12
311.	1943 -- May 11, Explosion, Praco No. 10 Coal Mine, Praco, AL	--	12
312.	1943 -- Sep 16, Explosion, 3 Point Coal Mine, Three Point, KY	--	12
313.	1951 -- Oct. 31, Dust Explosion, Truax-Traer Coal United 1, Wevaco, WV	--	12
314.	1959 -- Jan 22, Flooding, Knox Coal Mine, Jenkins Township, PA	--	12
315.	2006 -- Jan 02, Lightning/Explosion, Sago Coal Mine Tallmansville, WV ²⁰⁹⁵	--	12
316.	1844 -- Jun 15, Explosion, Black Heath Coal Mine, Richmond, VA	--	11
317.	1891 -- May 22, Explosion, Pratt No. 1 Shaft Coal Mine, Pratt City, AL	--	11
318.	1891 -- Jun 24, Fire, Gould & Curry Gold/Silver Mine, Virginia City, NV	--	11
319.	1898 -- Jul 11, Gas Explosion, Lake Erie Water Works Tunnel, near Cleveland, OH--	--	11
320.	1902 -- Oct 01, Explosion, Lawson Coal Mine, Black Diamond, WA	--	11
321.	1903 -- Nov 20, Explosion, Bonanza No. 20 Coal Mine, Bonanza, AR	--	11
322.	1907 -- Mar 16, Explosion, Bond & Bruce Coal Mine, Tacoma, VA	--	11
323.	1907 -- Nov 30, Fire, Fremont Gold Mine, Drytown, CA	--	11
324.	1907 -- Dec 31, Explosion, Bernal Coal Mine, Carthage, NM	--	11
325.	1909 -- Oct. 21, Explosion, Rock Island No. 8 Coal Mine, Hartshorne, OK	--	10-11
326.	1910 -- Apr 13, Explosion, Limestone Quarry, Nazareth, PA	--	11
327.	1910 -- Sep 11, Cave-in, Bergen Tunnel, Erie Railroad, Jersey City, NJ	--	11
328.	1914 -- Sep 17, Cave-in, Centennial-Eureka Gold Mine, Eureka, UT	--	11
329.	1915 -- Apr 05, Explosion, Panama No. 1 Coal Mine, Panama, IL	--	11
330.	1917 -- Dec 20, Explosion, No. 3 Coal Mine, Catoosa, TN	--	11
331.	1922 -- May 25, Explosion, Acmar No. 3 Coal Mine, Acmar, AL	--	11

²⁰⁹⁵ Cross listed in Lightning.

332.	1931 -- Apr 13, Fire/Carbon Monoxide Poisoning, Tunnel, Chicago IL	--	11
333.	1941 -- July 10, Explosion, Acmar No. 6 Coal Mine, Acmar, AL	--	11
334.	1943 -- Nov 06, Explosion Nellis No. 3, Coal Mine, Madison, WV	--	11
335.	1948 -- July 30, Explosion, Edgewater Coal Mine, Birmingham, AL	--	11
336.	1951 -- Jan. 18, Gas Explosion, Burning Springs Collieries, Kermit, WV	--	11
337.	1957 -- Dec 27, Gas Explosion, Pocahontas Fuel, Coal Mine 31, Amonate, WV	--	11
338.	1962 -- Jan 10, Blue Blaze No. 2 Coal Mine gas and dust Explosion, Carterville, IL	--	11

MINING, Quarrying, Tunneling Events – By MORTALITY (Cont.)

339.	1872 -- July 03, Atwater Slope Coal Mine Fire, Atwater Township, Portage Co., OH--		10
340.	1873 -- Jun 10, Explosion, Henry Clay Coal Mine, Shamokin, PA	--	10
341.	1883 -- Jan 09, Explosion, Coulterville Coal Mine, Coulterville, IL	--	10
342.	1884 -- Oct 8, Gale, Hyde Park Waterworks Crib cabin washed away, Chicago, IL	--	9-10
343.	1885 -- Apr 06, Roof Fall, Cuyler Coal Mine, Raven Run, PA	--	10
344.	1885 -- Nov 13, Explosion, Bull Domingo Silver/Gold Mine Silver Cliff, CO	--	10
345.	1888 -- Sep 11, Premature Explos., Wickes Tunnel, Montana Central RR ~Helena, MT--		10
346.	1889 -- May 09, Car Fall, Kaska William Coal Mine, Middleport, PA	--	10
347.	1889 -- Sep 09, Flooding, White Ash Coal Mine, Golden, CO	--	10
348.	1892 -- Apr 20, Flooding, Lytle Coal Mine, Minersville, PA	--	10
349.	1893 -- Apr 01, Fire, Neilson Coal Mine, Shamokin, PA	--	10
350.	1893 -- May 14, Hoist Cage Overwind, Red Jacket Shaft Copper Mine, Calumet MI--		10
351.	1898 -- Aug 22, Carnegie Tunnel Wall Collapses burying workmen, ~Pittsburg, PA	--	8-10
352.	1901 -- May 15, Explos., George's Creek, Chatham coal mine, Farmington, WV	--	10
353.	1902 -- Jan 13, Fire, Milby & Dow Coal Mine, Dow, OK	--	10
354.	1904 -- May 11, Explosion, Big Muddy Coal Mine, Herrin, IL	--	10
355.	1904 -- Nov 02, Haulage Accident, Auchincloss Coal Mine, Nanticoke, PA	--	10
356.	1905 -- March 10, Explosion, Oswald Mine, Princeton Coal & Mining, Gibson, IN	--	10
357.	1905 -- Apr 26, Haulage Accident Conyngham Coal Mine, Wilkes-Barre, PA	--	10
358.	1905 -- Oct 06, Rock-fall, Vermont Slate Co. Briar Hill Quarry, Pawlet, VT	--	8-10
359.	1906 -- Oct 05, Explosion, Dutchman Coal Mine, Blossburg, NM	--	10
360.	1907 -- Dec 07, Skip Fall, Rolling Mill Iron Mine, Negaunee, MI	--	10
361.	1909 -- Oct 03, Explosion, Northwestern Coal Mine, Roslyn, WA	--	10
362.	1910 -- Nov 25, Explosion, Providence No. 3 Coal Mine, Providence, KY	--	10
363.	1910 -- Dec 14, Fire, Leyden Coal Mine, Leyden, CO	--	10
364.	1910 -- Dec 31, Haulage Disaster, Lick Fork Mine Red Jacket Coal, Thacker, WV	--	10
365.	1912 -- July 07, Dynamite Explosion, Eureka Pit Copper Mine Ely, NV	--	10
366.	1916 -- Mar 28, Explosion, King Coal Co., Mine No. 28, Vivian, WV	--	10
367.	1916 -- Oct 19, Explosion, Jamison Coal No. 7 Mine, Barrackville, WV	--	10
368.	1920 -- Aug 21, Explosion, No. 19 Coal Mine, Degnan, OK	--	10
369.	1923 -- Mar 02, Explosion, Weyanoke Coal Co. Mine, Arista, WV	--	10
370.	1923 -- May 05, Explosion, Southwestern Coal Mine, Aguilar, Colorado	--	10
371.	1924 -- July 25, Explosion, Gates No. 1 Coal Mine, Brownsville, PA	--	10
372.	1925 -- July 23, Explosion, Rockwood Coal Mine, Rockwood, TN	--	10
373.	1925 -- Aug 03, Explosion, Dorrance No. 9 Coal Mine, Wilkes-Barre, PA	--	10
374.	1928 -- May 25, Explosion, Baltimore No. 5 Coal Mine, Parsons, PA	--	10

375.	1929 -- May 27, Explosion, Connellsville Coal Mine, Yolande, AL	--	10
376.	1932 -- June 13, Explosion, Splashdam No. 6 Coal Mine, Splashdam, VA	--	10
377.	1936 -- Sep 02, Explosion, Hutchinson Coal Co. Mine, Macbeth, WV	--	10
378.	1936 -- Oct 06, Shaft Accident, Morning Mine, Lead Mine, Mullan, ID	--	10
379.	1938 -- Jan 12, Explosions, Harwick Coal Mine, Harwick, PA	--	10
380.	1938 -- Jun 02, Gas Explosion, Butler Slope Coal Mine, Pittston, PA	--	10
381.	1940 -- Aug 27, Explosion, Bates No. 2 Coal Mine, Bares, Arkansas	--	10
382.	1943 -- May 05, Explosion, NuRex Coal Mine, LaFollete, TN	--	10
383.	1947 -- Apr 10, Explosion, Schooley Coal Mine, Exeter, PA	--	10
384.	1951 -- Oct 15, Gas Explosion, Trotter Coal Bunker Mine, Cassville, WV	--	10
385.	1989 -- Sep 13, Coal Mine Gas Explosion, William Station Mine, Wheatcroft, KY	--	10

Select Other (fewer than ten lives lost):

1870 --	Aug 10, Haulage Cage Falls, Heins & Glassmire Colliery, Middleport, PA	--	9
1891 --	Jan 5, Steel cable breaks, hoist car falls, Utica Gold Mine, Angels Camp, CA	--	9
1891 --	Nov 3/4, Men fall from haulage cage, Anaconda Copper Mine, near Butte, MT	--	9
1893 --	Apr 21, Mine Fire and Suffocations, Silver Bow No 2 Copper Mine, Butte, MT	--	9
1895 --	Mar 9 or 10, Fire, Old Abe Gold Mine, White Oaks, NM	--	5-9
1898 --	Nov 5, Coal cars crash into Exeter shaft, onto haulage cage, West Pittston, PA	--	9
1905 --	Mar 22, Oswald coal mine explosion, Princeton, ID	--	9
1912 --	Feb 22, Coal Mine Fire, Wichita Coal & Mining Co. No. 5, Lehigh, OK	--	9
1915 --	May 24, Gas Explosion, Mine No. 1, Valley Smokeless Coal Co., ~Johnstown, PA	--	9
1915 --	July 27, Explosion, Mine No. 1, United Coal Co., Christopher, IL	--	9
1915 --	July 30, Mine-Car accident, Patterson No. 2 Coal Mine, Elizabeth, PA	--	9
1920 --	Aug 13, Premature Dynamite Explosion; Boxley Quarry; Pounding Mill, VA	--	9
1922 --	June 27, Explosion, Holston marble quarry, Strawberry plains ~Knoxville, TN	--	9
1925 --	Dec 22, Fire, Webb Coal Mine, Bellaire, OH	--	9
1934 --	Nov 12, Rohl Connolly granite quarry explosives detonation, Avalon, CA	--	9
1936 --	Aug 01, Fire, Kathleen Coal Mine, Dowell, IL	--	9
1936 --	Nov 30, Funkhouser slate quarry explosives detonation, Delta, PA	--	9
1963 --	Dec 16, Coal mine explosion in No. 2 shaft of Carbon Fuel mine, Helper, UT	--	9
2007 --	Aug 6, Crandall Canyon Coal Mine Wall Collapse (3 rescuers die Aug 16), Emery Co., UT	--	9
1890 --	Feb 01, Coal Mine Gas Explosion, Nottingham Shaft, Plymouth, PA	--	8
1891 --	Aug 19, Explosion of Giant Powder, Black Bear Mine, Gem, near Burke, ID	--	4-8
1893 --	Feb 14, Chicago & Iowa coal mine explosion, Albia, IA	--	8
1901 --	June 4, Dynamite explosion, Chapin iron mine, Iron Mountain, MI	--	8
1916 --	Mar 30, Explos., Robindale Mine, Conemaugh Smokeless Coal, Seward, PA	--	8
1947 --	Apr 30, Spring Hill coal mine explosion, Terre Haute, IN	--	8
1948 --	Feb 28, Sun Excelsior coal mine explosion, Excelsior, AR	--	8
1884 --	Aug 21, Gas Asphyxiation, Buck Ridge Colliery, Shamokin, PA	--	7
1896 --	Dec 26, Oswald coal mine explosion, Princeton, IN	--	7
1905 --	May 12, Detonation of explosive materials, Cora copper mine, Butte, MT	--	7
1910 --	Jan 11, Coal Mine Gas Explosion, Nottingham Shaft, Plymouth, PA	--	7

1916 -- Feb 08, Gas Explos., Lance Mine, Lehigh/Wilkes-Barre Coal Co., Plymouth, PA -- 7
 1922 -- Nov 5, Anthracite coal mine explosion in number four shaft, Madrid, NM -- 7

Select Other Mine/Quarry/Tunneling events (fewer than ten lives lost), continued:

1873 -- Sep 20, Fire, Yellow Jacket gold mine, Gold Hill, NV -- 6
 1874 -- Feb 13, Copper mine dynamite explosion, Phoenix, MI -- 6
 1876 -- July 24, Black Diamond coal mine fire, Nortonville, CA -- 6
 1881 -- Feb 12, Copper Mine blacksmith shop fire and powder explosion, Belmont, MT -- 6
 1887 -- Jun 04, Rock Fall, Quarry, Birmingham, PA (near Altoona) -- 5-6
 1889 -- Nov 23, St. Lawrence copper mine fire, suffocation Anaconda mine, Butte, MT -- 6
 1909 -- Jan 19, Stone Canyon coal mine explosion, Chancellor, CA -- 6
 1920 -- Apr 15, Gas explosion, Jefferson Island salt mine, Delcambre, LA -- 6
 1937 -- Feb 19, Detonation of explosives, Walker copper quarry, Walkermine, CA -- 6
 1942 -- May 11, Peerless coal mine number 2 shaft explosion, Excelsior, AR -- 6
 1944 -- July 28, Brilliant coal mine no. 2 shaft explosion, Brilliant, NM -- 6

1911 -- March 18, Coal mine explosion, Mineral, KS -- 5
 1915 -- Feb 18, New Home coal mine shaft number 2 explosion, Rich Hill, MO -- 5
 1920 -- May 3, Submarine coal mine explosion, Clinton, IN -- 5
 1930 -- July 14, Fire, Glenn gold mine, Placer County, CA -- 5
 1930 -- Dec 6, Lamb coal mine explosion, Madrid, NM -- 5
 1938 -- Aug 31 Dynamite explosion, Asheville granite quarry, Asheville, NC -- 5
 1948 -- Nov 04, Milt coal mine fire, Kitzmiller, MD -- 5
 1953 -- Mar 30, O'Brien coal mine explosion, Lovilia, IA -- 5
 1957 -- Jan 18, Evan Jones Coal Mine explosion, Jonesville, AK -- 5
 1979 -- June 8, Gas explosion, Belle Isle Mine, Franklin, LA -- 5

MINING, Tunneling, Quarry Disasters – CHRONOLOGICAL – Deadliest American

1. 1839 -- Mar 18, Explosion, Black Heath Coal Mine, Richmond, VA -- 53
2. 1844 -- Jun 15, Explosion, Black Heath Coal Mine, Richmond, Virginia -- 11
3. 1846 -- Jan 12, Cave-in, Delaware & Hudson Coal Mine, Carbondale, PA -- 14

4. 1854 -- May 19, Explosion, Chesterfield Coal Mine, New Richmond, VA -- 19
5. 1855 -- Mar 19, Explosion, Midlothian Coal Mine, Coalfield, VA -- 55

6. 1863 -- Nov 30, Explosion, Raccoon, Clover Hill Coal Mine, Winterpock, VA -- 17
7. 1867 -- Apr 03, Bright Hope Mine Disaster, Chesterfield County, Winterpock, VA --69-75
8. 1867 -- Oct 19, Naphtha Explosion/Fire, Hoosac Tunnel, Northern Berkshires, MA -- 13
9. 1868 -- Mar 31, Shaft Platform Break/Fall, Diamond Coal Mine, Scranton, PA -- 12
10. 1869 -- Apr 07, Fire, Kentucky-Yellow Jacket Gold Mine, Gold Hill, NV -- 37
11. 1869 -- Sep 06, Fire, Avondale Coal Mine, Plymouth, PA -- 110
12. 1869 -- Dec 18, Subsidence, Houses fall into Coal Mine, Stockton, near Hazelton, PA -- 6-15

- 1870 -- Aug 10, Haulage Cage Falls, Heins & Glassmire Colliery, Middleport, PA -- 9

13. 1871 -- May 27, Smoke Suffocation, West Pittston Coal Mine. West Pittston, PA -- 20
14. 1871 -- Aug 14, Explosion, Eagle Shaft Coal Mine, Pittston, PA -- 17
15. 1872 -- July 03, Atwater Slope Coal Mine Fire, Atwater Township, Portage Co., OH -- 10
16. 1873 -- June 10, Fire, Explosion, Henry Clay Coal Mine, Shamokin, PA -- 10
- 1873 -- Sep 20, Fire, Yellow Jacket gold mine, Gold Hill, NV -- 6
- 1874 -- Feb 13, Copper mine dynamite explosion, Phoenix, MI -- 6
- 1876 -- July 24, Black Diamond coal mine fire, Nortonville, CA -- 6
17. 1879 -- Nov 18, Gas Explosions, Railroad Tunnel No. 3, near San Jose, CA -- ~30

18. 1880 -- July 20, Tunnel Construction Failure (Blowout), Hudson Riv, Jersey City, NJ -- 21

- 1881 -- Feb 12, Copper Mine blacksmith shop fire and powder explosion, Belmont, MT-- 6
19. 1881 -- Mar 04, Explosion, Almy Coal Mine, Almy, WY -- 38

20. 1882 -- Feb 03, Explosion, Midlothian Coal Mine, Coalfield, VA -- 32

21. 1883 -- Jan 09, Explosion, Coulterville Coal Mine, Coulterville, IL -- 10
22. 1883 -- Feb 16, Diamond Coal Mine Roof Collapse & Flooding, Braidwood IL --69-74

23. 1884 -- Jan 24, Explosion, Crested Butte Coal Mine, Crested Butte, CO -- 59
24. 1884 -- Feb 20, Explosion, West Leisenring, Coal Mine, West Leisenring, PA -- 19
25. 1884 -- Mar 13, Explosion, Laurel Coal Mine, Pocahontas, VA -- 112
- 1884 -- Aug 21, Gas Asphyxiation, Buck Ridge Colliery, Shamokin, PA -- 7
26. 1884 -- Oct 08, Gale, Hyde Park Waterworks Crib cabin washed away, S. Chicago, IL-- 9-10
27. 1884 -- Oct 27, "Fire Damp" Gas Explos., Youngstown Coke Works, Uniontown, PA -- 14

- 28. 1885 -- Apr 06, Roof Fall, Cuyler Coal Mine, Raven Run, PA -- 10
- 29. 1885 -- Aug 11, Gas from Boiler Fire, West End Coal Mine, Mocanaqua, PA -- 12
- 30. 1885 -- Nov 13, Explosion, Bull Domingo Silver/Gold Mine Silver Cliff, CO -- 10
- 31. 1885 -- Dec 18, Water Breach/Quicksand, Nanticoke Coal Mine # 1 Nanticoke, PA --26-28

MINING, Quarrying, Tunneling Events – CHRONOLOGICAL (Cont.)

- 32. 1886 -- Jan 12, Explosion, Almy No. 4 Coal Mine, Almy, WY -- 13
- 33. 1886 -- Jan 21, Explosion, Newburg Coal Mine, Newburg, WV -- 39
- 34. 1886 -- Nov 26, Gas Explosion, Conyngham Coal Mine, Wilkes-Barre, PA -- 12

- 35. 1887 -- Apr 04, Dust Explosion, Savanna #2 Coal Mine, Savanna, OK -- 18
- 1887 -- Jun 04, Rock Fall, Quarry, Birmingham, PA (near Altoona) -- 5-6

- 36. 1888 -- Mar 29, Explosion, Keith & Perry No. 6 Coal Mine, Rich Hill, MO -- 24
- 37. 1888 -- Sep 11, Premature Explos., Wickes Tunnel, Montana Central RR ~Helena, MT-- 10
- 38. 1888 -- Nov 03, Cook's Run Mine Explosion, Kettle Creek Coal Mine, Westport, PA -- 18
- 39. 1888 -- Nov 09, Explosion, Coal Mine Shaft No. 2, Frontenac, KS -- 40

- 40. 1889 -- May 09, Car Fall, Kaska William Coal Mine, Middleport, PA -- 10
- 41. 1889 -- Sep 09, Flooding, White Ash Coal Mine, Golden, CO -- 10
- 1889 -- Nov 23, St. Lawrence copper mine fire, suffocation Anaconda mine, Butte, MT-- 6
- 42. 1889 -- Dec 22, Utica Gold Mine North Shaft Collapse/Cave-in, Angels Camp, CA --16-17

- 1890 -- Feb 01, Coal Mine Gas Explosion, Nottingham Shaft, Plymouth, PA -- 8
- 43. 1890 -- May 15, Explosion, Jersey No. 8 Coal Mine, Ashley, PA -- 28
- 44. 1890 -- Jun 16, Fire, Hill Farm Coal Mine, Dunbar, PA -- 31

- 45. 1891 -- Jan 27, Explosion, Mammouth Coal Mine, Mt. Pleasant, PA -- 109
- 1891 -- Jan 05, Steel cable breaks, hoist car falls, Utica Gold Mine, Angels Camp, CA-- 9
- 46. 1891 -- Feb 04, Flooding, Jeansville Coal Mine, Near Hazleton, PA -- 17
- 47. 1891 -- May 22, Explosion, Shaft No. 1, Pratt Coal Mine, Pratt City, AL -- 11
- 48. 1891 -- June 24, Fire, Gould & Curry Gold/Silver Mine, Virginia City, NV -- 11
- 1891 -- Aug 19, Explosion of Giant Powder, Black Bear Mine, Gem, near Burke, ID -- 4-8
- 1891-- Nov 3/4, Men fall from haulage cage, Anaconda Copper Mine, near Butte, MT-- 9
- 49. 1891 -- Nov 08, Explosion, Susquehanna No. 1, Coal Mine, Nanticoke, PA -- 12

- 50. 1892 -- Jan 07, Explosion, Osage Coal Mine No. 11, Krebs, OK -- 100
- 51. 1892 -- Apr 20, Flooding, Lytle Coal Mine, Minersville, PA -- 10
- 52. 1892 -- May 10, Explosion, Roslyn Coal Mine, Roslyn, WA -- 45
- 53. 1892 -- July 23, Explosion, York Farm Coal Mine, Pottsville, PA -- 15

- 54. 1893 -- Jan 10, Explosion, Como Coal Mine, King, CO -- 24
- 1893 -- Feb 14, Chicago & Iowa coal mine explosion, Albia, IA -- 8
- 55. 1893 -- Apr 01, Fire, Neilson Coal Mine, Shamokin, PA -- 10
- 56. 1893 -- Apr 21, Mine Fire and Suffocations, Silver Bow No 2 Copper Mine, Butte, MT-- 9

57. 1893 -- May 14, Hoist Cage Overwind, Red Jacket Shaft Copper Mine, Calumet, MI -- 10
 58. 1893 -- Sep 28, Flooding, Mansfield Iron Mine, Crystal Falls, MI -- 28

MINING, Quarrying, Tunneling Events – CHRONOLOGICAL (Cont.)

59. 1894 -- Feb 13, Roof Collapse, Gaylord Coal Mine, Plymouth, PA -- 13
 60. 1894 -- Aug 24, Fire, Asphyxiation, Franklin Coal Mine, Franklin, WA -- 37
61. 1895 -- Feb 27, Explosion, White Ash Coal Mine, Cerrillos, NM -- 24
 62. 1895 -- Mar 9 or 10, Fire, Old Abe Gold Mine, White Oaks, NM -- 5-9
 63. 1895 -- Mar 20, Explosion, Red Canyon Coal Mine, Red Canyon, near Evanston, WY-- 60
 64. 1895 -- Apr 08, Explosion, Blue Canyon Coal Mine, Lake Whatcom, WA -- 23
 65. 1895 -- Aug 29, Flooding, Sleepy Hollow Gold Mine, Sleepy Hollow, CO -- 12
 66. 1895 -- Sep 07, Fire, Osceolo Copper Mine Level 27, Calumet, MI -- 30
 67. 1895 -- Dec 19, Explosion, Cumnock Coal Mine, Cumnock, NC -- 39
 68. 1895 -- Dec 20, Explosion, Nelson Coal Mine, Dayton, TN -- 30
69. 1896 -- Feb 18, Vulcan Coal Mine Explosion, New Castle, CO -- 49
 70. 1896 -- Mar 23, Explosion, Berwind Coal Mine, DuBois, PA -- 13
 71. 1896 -- Jun 28, Roof Collapse and Flood, Twin Shaft Coal Mine, Pittston, PA -- 58
 1896 -- Dec 26, Oswald coal mine explosion, Princeton, IN -- 7
72. 1897 -- Mar 04, Explosion, Kansas & Texas #44 Coal Mine, Huntington, AR -- 14
 73. 1897 -- Sep 03, Explosion, Sunshine Coal Mine, Sunshine, CO -- 12
74. 1898 -- Jul 11, Gas Explosion, Lake Erie Water Works Tunnel, near Cleveland, OH -- 11
 75. 1898 -- Aug 22, Carnegie Tunnel Wall Collapses burying workmen, ~Pittsburg, PA -- 8-10
 76. 1898 -- Nov 5, Coal cars crash into Exeter shaft, onto haulage cage, West Pittston, PA-- 9
77. 1899 -- Dec 09, Explosion, Carbon Hill No. 7 Coal Mine, Carbonado, WA -- 31
 78. 1899 -- Dec 23, Explosion, Braznell Mine Sumner Mine, Redstone Township, PA -- 19
79. 1900 -- Mar 06, Explosion, Red Ash Coal Mine, New River Canyon, WV -- 46
 80. 1900 -- May 01, Explosion, Winter Quarters 1 & 4 Coal Mine, Scofield, UT --200-246
 81. 1900 -- May 23, Cumnock coal mine gas explosion, Cumnock, Chatham County, NC -- 23
 82. 1900 -- Nov 02, Explosion, Southern Coal & Trans. Co. Mine, Berryburg, WV -- 15
83. 1901 -- Feb 25, Fire, Diamondville No. 1 Coal Mine, Diamondville, WY -- 26
 84. 1901 -- May 15, Explosion, George's Creek, Chatham Mine, Farmington, WV -- 10
 85. 1901 -- May 27, Dust Explosion, New Richmond Coal Mine, Dayton, TN --20-21
 1901 -- June 4, Dynamite explosion, Chapin iron mine, Iron Mountain, MI -- 8
 86. 1901 -- June 10, Explosion, Port Royal No. 2 Coal Mine, Port Royal, PA -- 19
 87. 1901 -- Aug 14, Waterworks Crib Fire, two miles off Cleveland Harbor, OH²⁰⁹⁶ --12-13
 88. 1901 -- Oct 26, Explosion, Diamondville Coal Mine, Diamondville, WY -- 22
 89. 1901 -- Nov 14 & 22, Fire, Baby and West Mines, Pocahontas Coal, Pocahontas, VA -- 17

²⁰⁹⁶ Cross listed in Mines Tunnels and Quarries.

90. 1901 -- Nov 20, Outside Fire, Suffocation in Smuggler-Union Mine, Telluride, CO -- 28

MINING, Quarrying, Tunneling Events – CHRONOLOGICAL (Cont.)

91.	1902 -- Jan 07, Copper Mine Cave-in, Negaunee, MI	--10-15
92.	1902 -- Jan 13, Fire, Milby & Dow Coal Mine, Dow, OK	-- 10
93.	1902 -- Jan 24, Coal Mine Explosion, Lost Creek Mining Co. No. 2, Oskaloosa, IA	-- 22
94.	1902 -- Mar 31, Explosion, Nelson Coal Mine, Coal/Iron Co., Dayton, TN	-- 22
95.	1902 -- May 19, Explosion, Fraterville Mine, Coal Creek, TN	--184-227
96.	1902 -- July 10, Explosion, Rolling Mill Coal Mine, Johnstown, PA	-- 113
97.	1902 -- July 15, Daly-West lead/silver mine explosion/asphyxiations, Park City, UT	-- 34
98.	1902 -- Aug 07, Explosion, Bowen Coal Mine, Bowen, CO	-- 13
99.	1902 -- Sep 15, Gas Explos., Algoma Coal & Coke Mine, Algoma, McDowell Ct. WV	-- 17
100.	1902 -- Oct 01, Explosion, Lawson Coal Mine, Black Diamond, WA	-- 11
101.	1903 -- June 30, Explosion, Hanna No. 1 Coal Mine, Hanna, WY	-- 169
102.	1903 -- Nov 20, Explosion, Bonanza No. 20 Coal Mine, Bonanza, AR	-- 11
103.	1903 -- Nov 21, Explosion, Ferguson Coal Mine, Connellsville, PA	-- 17
104.	1904 -- Jan 25, Explosion, Harwick Coal Mine, Cheswick, PA	-- 184
105.	1904 -- Jan 26, Mine Cage Fall, Stratton Independence Gold Mine, Victor, CO	-- 15
106.	1904 -- May 11, Explosion, Big Muddy Coal Mine, Herrin, IL	-- 10
107.	1904 -- Oct 28, Explosion, Terico Coal Mine, Terico, CO	-- 21
108.	1904 -- Nov 02, Haulage Accident, Auchincloss Coal Mine, Nanticoke, PA	-- 10
109.	1904 -- Dec 07, Explosion, No. 5 Coal Mine, Burnett, WA	-- 17
110.	1905 -- Feb 20, Explosion, Virginia City Coal Mine, Virginia City, AL	-- 160
111.	1905 -- Mar 10, Explosion, Oswald Mine, Princeton Coal & Mining Co., Gibson, IN	-- 10
112.	1905 -- Mar 18, Explosion, Rush Run-Red Ash Coal Mine, Red Ash, WV	-- 24
	1905 -- Mar 22, Oswald coal mine explosion, Princeton, ID	-- 9
113.	1905 -- Apr 03, Explosion, Zeigler Coal Mine, Zeigler, IL	-- 49
114.	1905 -- Apr 26, Haulage Accident Conyngham Coal Mine, Wilkes-Barre, PA	-- 10
115.	1905 -- Apr 27, Explosion, Eleanora Coal Mine, Dubois, PA	-- 13
116.	1905 -- Apr 30, Explosion, No. 19 Coal Mine, Wilburton, OK	-- 13
	1905 -- May 12, Detonation of explosive materials, Cora copper mine, Butte, MT	-- 7
117.	1905 -- Aug 16, Quarry Landslide, Lehigh Portland Cement Co., Ormrod, PA	-- 12
118.	1905 -- Dec 02, Explosion, No. 1 Coal Mine, Diamondville, WY	-- 18
119.	1906 -- Jan 4, Powder Explosion, Coaldale Coal Mine, Mercer County, WV	--22-24
120.	1906 -- Jan 18, Dust Explosion, Detroit Coal Mine, Paint Creek, WV	-- 18
121.	1906 -- Jan 24, Explosion, Poteau No. 6 Coal Mine, Witteville, OK	-- 14
122.	1906 -- Feb 08, Gas Explosion, Parral Coal Mine Parral, WV	-- 23
123.	1906 -- Feb 19, Explosion, Maitland Coal Mine, Walsenburg, CO	-- 14
124.	1906 -- Feb 27, Explosion, Little Cahaba Coal Mine, Piper, AL	-- 12
125.	1906 -- Mar 22, Dust Explosion, Century Coal Mine, No. 1 Shaft, Century, WV	-- 23
126.	1906 -- Apr 22, Explosion, Cuatro Coal Mine, Tercio, CO	-- 18

127. 1906 -- Oct 03, Explosion, Pocahontas Coal Mine, Pocahontas, VA -- 36
 128. 1906 -- Oct 05, Explosion, Dutchman Coal Mine, Blossburg, NM -- 10

MINING, Quarrying, Tunneling Events – CHRONOLOGICAL (Cont.)

129. 1907 -- Jan 23, Explosion, Primero Coal Mine, Primero, CO -- 24
 130. 1907 -- Jan 26, Powder Explosion, Lorentz Coal Mine, Penco, WV -- 12
 131. 1907 -- Jan 29, Explosion, Stuart Colliery Coal Mine, Stuart, WV -- 85
 132. 1907 -- Feb 4, Coal Mine Explos. (Gas), Thomas #25, Thomas, Tucker Co., WV -- 25
 133. 1907 -- Mar 16, Explosion, Bond & Bruce Coal Mine, Tacoma, VA -- 11
 134. 1907 -- May 01, Gas Explosion, Whipple Coal Mine, Scarboro, WV -- 16
 135. 1907 -- May 11, Tunnel Dynamite Explosion, South & Western RR, Alta Pass, NC -- 9-14
 136. 1907 -- Nov 30, Fire, Fremont Gold Mine, Drytown, CA -- 11
 137. 1907 -- Dec 01, Explosion, Naomi Coal Mine, Fayette City, PA -- 34
 138. 1907 -- Dec 06, Monongah No. 6 & 8 Coal Mine Explosion, Fairmont, WV --300->500
 139. 1907 -- Dec 07, Skip Fall, Rolling Mill Iron Mine, Negaunee, MI -- 10
 140. 1907 -- Dec 16, Explosion, Yolande Coal Mine, Yolande, AL -- 57
 141. 1907 -- Dec 19, Explosion, Darr Mine (Jacobs Creek), Monessen, PA -- 239
 142. 1907 -- Dec 31, Explosion, Bernal Coal Mine, Carthage, NM -- 11
143. 1908 -- Mar 28, Explosion, Hanna No. 1 Coal Mine, Hanna, WY -- 59
 144. 1908 -- May 12, Explosion, Mount Lookout Coal Mine, Wyoming, PA -- 12
 145. 1908 -- Aug 26, Fire, Hailey-Oklahoma No. 1 Coal Mine, Haileyville, OK -- 29
 146. 1908 -- Nov 28, Explosion, Rachel and Agnes Coal Mine, Marianna, PA -- 154
 147. 1908 -- Dec 29, Pocahontas Coal Mine Explosion, Lick Branch, WV -- 50
148. 1909 -- Jan 10, Explosion, Zeigler Coal Mine Zeigler, IL -- 26
 149. 1909 -- Jan 12, Explosion, Pocahontas Coal Mine, Lick Branch, WV -- 67
 1909 -- Jan 19, Stone Canyon coal mine explosion, Chancellor, CA -- 6
 150. 1909 -- Jan 20, Magazine Explos., Water Tunnel Crib Fire, Lake Mich., ~Chicago IL-- 53
 151. 1909 -- Feb 02, Explosion, Short Creek Coal Mine, Short Creek, AL -- 18
 152. 1909 -- Mar 31, Explosion, Beury Brothers Echo Coal Mine, Beury, WV -- 16
 153. 1909 -- May 12, Dynamite Explosion, Calanan Quarry, South Bethlehem, NY -- 23
 154. 1909 -- June 23, Explosion, Lackawanna No. 4 Coal Mine, Wehrun, PA -- 21
 155. 1909 -- Oct 03, Explosion, Northwestern Coal Mine, Roslyn, WA -- 10
 156. 1909 -- Oct. 21, Explosion, Rock Island No. 8 Coal Mine, Hartshorne, OK --10-11
 157. 1909 -- Oct 31, Explos., Franklin No. 2 Coal Mine, Cambria Steel, Johnstown PA --12-13
 158. 1909 -- Nov 13, Fire, St. Paul Coal Mine, Cherry Hill, IL --259-300
- 1910 -- Jan 11, Coal Mine Gas Explosion, Nottingham Shaft, Plymouth, PA -- 7
 159. 1910 -- Jan 31, Explosion, Primero "A" Coal Mine, Primero, CO -- 75
 160. 1910 -- Feb 01, Explosion, Browder Coal Mine, Browder, KY -- 34
 161. 1910 -- Feb 05, Explosion, Ernest No. 2 Coal Mine, Ernest, PA -- 12
 162. 1910 -- Mar 02, Powder Explosion, Alaska-Mexico Gold Mine, Treadwell, AK -- 37
 163. 1910 -- Mar 11, Landslide, Norman Open-Pit Mine, Virginia, MN²⁰⁹⁷ -- 26

²⁰⁹⁷ Cross-listed in Landslides.

164.	1910 -- Apr 13, Explosion, Limestone Quarry, Nazareth, PA	--	11
165.	1910 -- Apr 20, Explosion, Mulga Coal Mine, Mulga, AL	--	40
166.	1910 -- Apr 22, Explosion, Youghiogeny/Ohio Coal Mine, Amsterdam, OH	--	18
167.	1910 -- May 05, Explosion, Coal Mine No. 3, Palos/Birmingham, AL	--	84
168.	1910 -- Jun 01, Explosion, Union Limestone Quarry, Devils Slide, UT	--	25
169.	1910 -- Sep 11, Cave-in, Bergen Tunnel, Erie Railroad, Jersey City, NJ	--	11
170.	1910 -- Oct 08, Coal Mine Dust Explosion, Colorado Fuel Co., Starkville, CO	--	56
171.	1910 -- Nov 06, Explosion, Lawson Coal Mine, Black Diamond, WA	--	16
172.	1910 -- Nov 08, Explosion, Victor American No. 3 Coal Mine, Delagua, CO	--	79
173.	1910 -- Nov 25, Explosion, Providence No. 3 Coal Mine, Providence, KY	--	10
174.	1910 -- Nov 28, Gas Explosion, Jumbo Asphalt Mine, Durant, OK	--	13
175.	1910 -- Dec 14, Fire, Leyden Coal Mine, Leyden, CO	--	10
176.	1910 -- Dec 31, Haulage Disaster, Lick Fork Mine Red Jacket Coal, Thacker, WV	--	10

MINING, Quarrying, Tunneling Events – CHRONOLOGICAL (Cont.)

177.	1911 -- Feb 09, Explosion, Cokedale Coal Mine, Trinidad, CO	--	17
178.	1911 -- Jan 31, Suffocation, Tunnel Caisson, Pontoon, Passaic River, Newark, NJ	--	12
179.	1911 -- Feb 23, Fire/Asphyxiation, Belmont Gold/Silver Mine, Tonopah, NV	--	17
180.	1911 -- March 11, Slide, Norman Open Pit Iron Mine, Virginia, MN	--	14
	1911 -- March 18, Coal mine explosion, Mineral, KS	--	5
181.	1911 -- Apr 07, Fire, Price-Pancoast Coal Mine, Throop, PA	--	73
182.	1911 -- Apr 08, Banner Coal Mine Explosion, Pratt Consolidated, Littleton, AL	--128-129	
183.	1911 -- Apr 24, Explosion, Ott No. 20 Coal Mine, Elk Garden, WV	--	23
184.	1911 -- July 15, Explosion, Cascade Coal Co. Mine, Sykesville, PA	--	21
185.	1911 -- Sep 28, Cave-in, Shakespeare Placer Gold Mine, Dome Creek, AK	--	14
186.	1911 -- Oct 19, Shaft Flood, Wharton Iron Mine, Hibernia, New Jersey	--	12
187.	1911 -- Nov 18, Explosion, Bottom Creak Coal Mine, Bottom Creek, WV	--	18
188.	1911 -- Dec 09, Explosion, Cross Mountain Coal Mine, Briceville, TN	--	100
189.	1912 -- Mar 20, Explosion, San Bois No. 2 Coal Mine, McCurtain, OK	--	73
190.	1912 -- Mar 26, Explosion, Jed Coal Mine, Jed, WV	--	81
191.	1912 -- June 18, Explosion, Hastings Coal Mine, Hastings, Colorado	--	12
192.	1912 -- July 07, Dynamite Explosion, Eureka Pit Copper Mine Ely, NV	--	10
193.	1912 -- July 24, Inundation, Superba/Lemont Coal Mine, Evans Station, PA	--	18
194.	1912 -- Aug 13, Explosion, Abernant Coal Mine, Abernant, AL	--	18
195.	1913 -- Apr 23, Explosion, Pittsburgh Coal Co., Cincinnati Mine, Finleyville, PA	--	115
196.	1913 -- May 17, Explosion, Noble Coal Mine, Imperial Mining, Belle County, OH	--	15
197.	1913 -- Aug 02, Explosion, East Brookside Coal Mine, Tower City, PA	--	20
198.	1913 -- Oct 22, Explosion, Stag Canon 2 Coal Mine, Dawson, NM	--	263
199.	1913 -- Nov 18, Explosion, Acton No. 2 Coal Mine, Acton, AL	--	24
200.	1913 -- Dec 16, Explosion, Vulcan Coal Mine, New Castle, CO	--	37
201.	1914 -- Jan 10, Explosion, Rock Castle Coal Mine, Rock Castle, AL	--	12
202.	1914 -- Apr 28, Explosion, New River Coal Mine 5 & 6, Eccles, WV	--	183

203.	1914 -- Sep 04, Roof Fall, No. 1 Coal Mine, Adamson, OK	--	13
204.	1914 -- Sep 17, Cave-in, Centennial-Eureka Gold Mine, Eureka, UT	--	11
205.	1914 -- Oct 05, Explosion, Mulga Coal Mine Mulga, AL	--	16
206.	1914 -- Oct 27, Explosion, North No. 1 Coal Mine, Royalton, IL	--	52
207.	1914 -- Dec 09, Haulage Accident, Tripp Coal Mine, Scranton, PA	--	13

MINING, Quarrying, Tunneling Events – CHRONOLOGICAL (Cont.)

208.	1915 -- Feb 06, Explosion, Carlisle Coal Mine, Oak Hill, WV	--20-22	
209.	1915 -- Feb 17, Gas Explosion, Oakwood Shaft, Prospect Coal Mine, Wilkes-Barre, PA-	13	
	1915 -- Feb 18, New Home coal mine shaft number 2 explosion, Rich Hill, MO	--	5
210.	1915 -- Mar 02, Explosion, Layland # 3 Coal Mine, New River Canyon, WV	--	119
211.	1915 -- Apr 05, Explosion, Panama No. 1 Coal Mine, Panama, IL	--	11
	1915 -- May 24, Gas Explos., Mine No. 1, Smokeless Coal Co., ~Johnstown, PA	--	9
	1915 -- July 27, Explosion, Mine No. 1, United Coal Co., Christopher, IL	--	9
	1915 -- July 30, Mine-Car accident, Patterson No. 2 Coal Mine, Elizabeth, PA	--	9
212.	1915 -- Aug 31, Explosion, Orenda Coal Mine, Boswell, PA	--	19
213.	1915 -- Oct 19, Dynamite Explosion, Granite Mt. Copper Mine, Butte, MT	--	16
214.	1915 -- Nov 16, Dust Explosion, Pacific Northwestern Coal Mine, Ravensdale, WA--		31
215.	1915 -- Nov 30, Explosion, Hanna Coal Co. Boomer Mine, Boomer, WV	--	23
	1916 -- Feb 8, Gas Explos., Lance Mine, Lehigh/Wilkes-Barre Coal Co., Plymouth, PA--		7
216.	1916 -- Feb 11, Explosion, Ernest No. 2 Coal Mine, Ernest, PA	--	27
217.	1916 -- Feb 14, Fire, Pennsylvania Copper Mine, Butte, MT	--	21
218.	1916 -- Feb 29, Davis Coal & Coke Co., Mine No. 42 Dust Explos., ~Kempton, MD--		16
219.	1916 -- Mar 28, Explosion, King Coal Co., Mine No. 28, Vivian, WV	--	10
	1916 -- Mar 30, Explos., Robindale Mine, Conemaugh Smokeless Coal, Seward, PA--		8
220.	1916 -- July 24, Gas Explosion, Cleveland Waterworks Tunnel, Cleveland, OH	--21-23	
221.	1916 -- Oct 19, Explosion, Jamison Coal No. 7 Mine, Barrackville, WV	--	10
222.	1916 -- Oct 22, Explosion, Marvel (Roden Mine) Coal Mine, Marvel, AL	--	18
223.	1916 -- Nov 04, Explosion, Bessie Coal Mine, Palos, AL	--	30
224.	1916 -- Dec 13, Explosion, Fidelity No. 9 Coal Mine, Stone City, KS	--	20
225.	1917 -- Mar 13, Explosion, No. 1 Coal Mine, Hendersonville, PA	--	14
226.	1917 -- Apr 27, Explosion, Hastings Coal Mine, near Trinidad, CO	--	121
227.	1917 -- June 8, Shaft Fire, Granite Mountain (Speculator) Copper Mine, Butte, MT	--	167
228.	1917 -- Aug 04, Explosion, West Kentucky No. 7 Coal Mine, Clay, KY	--	62
229.	1917 -- Nov 29, Explosion, Old Ben No. 11 Coal Mine, Christopher, IL	--	18
230.	1917 -- Dec 15, Explosion, Yukon Pocahontas Coal Mine, Susanna, WV	--	18
231.	1917 -- Dec 20, Explosion, No. 3 Coal Mine, Catoosa, TN	--	11
232.	1918 -- Feb 21, Cave-in, Amasa-Porter Iron Mine, Crystal Falls, MI	--	17
233.	1918 -- May 20, Fire, Mill Creek Cannel Mining Co. Mine, Charleston, WV	--	13
234.	1918 -- June 27, Powder Explosion, Silver Open Pit Iron Mine, Virginia, MN	--	18
235.	1918 -- Aug 28, Explosion, Burnett Coal Mine, Burnett, WA	--	12
236.	1918 -- Sep 28, Explosion, North Coal Mine, Royalton, IL	--	21

237.	1919 -- Mar 31, Explosion, Empire Coal Mine, Aguilar, CO	--	13
238.	1919 -- Apr 29, Explosion, Majestic Coal Mine, Majestic, AL	--	22
239.	1919 -- Jun 05, Explosion, Baltimore Tunnel No. 2 Coal Mine, Wilkes-Barre, PA	--92-93	
240.	1919 -- Jun 30, Explosion, Alderson No. 5 Coal Mine, Alderson, OK	--	15
241.	1919 -- Aug 18, Gas Explosion, Oakdale Coal Mine, La Veta, CO	--	18
242.	1919 -- Oct 29, Fire, Amsterdam No. 2 Coal Mine, Amsterdam, OH	--	20

MINING, Quarrying, Tunneling Events – CHRONOLOGICAL (Cont.)

	1920 -- Apr 15, Gas explosion, Jefferson Island salt mine, Delcambre, LA	--	6
243.	1920 -- Apr 19, Explosion, Majestic Coal Mine, Birmingham, AL	--	16
	1920 -- May 3, Submarine coal mine explosion, Clinton, IN	--	5
	1920 -- Aug 13, Premature Dynamite Explosion; Boxley Quarry; Pounding Mill, VA--		9
244.	1920 -- Aug 21, Explosion, No. 19 Coal Mine, Degnan, OK	--	10
245.	1920 -- Nov 23, Explosion, Parrish Coal Mine, Parrish, AL	--	12
246.	1921 -- Aug 31, Explosion, Harco Coal Mine, Harrisburg, IL	--	12
247.	1922 -- Feb 02, Explosion, Gates No. 2 Coal Mine, Gates, PA	--	25
248.	1922 -- Mar 24, Explosion, Sopris No. 2 Coal Mine, Sopris, CO	--	17
249.	1922 -- May 25, Explosion, Acmar No. 3 Coal Mine, Acmar, AL	--	11
	1922 -- June 27, Explosion, Holston marble quarry, Strawberry plains ~Knoxville, TN--		9
250.	1922 -- Aug 27, Fire, Argonaut Gold Mine, Jackson, CA	--	47
	1922 -- Nov 5, Anthracite coal mine explosion in number four shaft, Madrid, NM	--	7
251.	1922 -- Nov 6, Explosion, Reilly No. 1 Coal Mine, Spangler, PA	--	79
252.	1922 -- Nov 22, Explosion, Dolomite No. 3 Coal Mine, Dolomite, AL	--	90
253.	1922 -- Nov 25, Explosion, Cerillos No. 4 Coal Mine, Cerillos, NM	--	12
254.	1923 -- Feb 08, Explosion, Stag Canon No. 1 Coal Mine, Dawson, MN	--	120
255.	1923 -- Mar 02, Explosion, Weyanoke Coal Co. Mine, Arista, WV	--	10
256.	1923 -- May 05, Explosion, Southwestern Coal Mine, Aguilar, CO	--	10
257.	1923 -- Aug 14, Explosion, Frontier No. 1 Coal Mine, Kemmerer, WY	--	99
258.	1923 -- Nov 06, Explosion, Raleigh-Wyoming, Glen Rogers Mine, Beckley, WV	--	27
259.	1924 -- Jan 25, Explosion, McClintock Coal Mine, Johnston City, IL	--	33
260.	1924 -- Jan 26, Explosion, Lancashire No. 18 Coal Mine, Shanktown, PA	--	36
261.	1924 -- Feb 05, Flooding, Milford Iron Ore Mine, Crosby, MN	--	41
262.	1924 -- Mar 08, Fire & Explosion, Castle Gate #2 Coal Mine, Castle Gate, UT	--	172
263.	1924 -- Mar 28, Explosion, Yukon Pocahontas #2 Coal Mine, Yukon, WV	--	26
264.	1924 -- Apr 28, Explosion, Benwood Coal Mine, Benwood (near Wheeling), WV	--	119
265.	1924 -- Jun 06, Explosion, Loomis Collieries Coal Mine, Nanticoke, PA	--	14
266.	1924 -- July 25, Explosion, Gates No. 1 Coal Mine, Brownsville, PA	--	10
267.	1924 -- Sep 16, Explosion, Sublet No. 5 Coal Mine, Sublet, WY	--	39
268.	1925 -- Feb 20, Explosion, City Coal Mine, Sullivan, IN	--	52

269.	1925 -- Mar 17, Explosion, Bethlehem Mines Coal Mine, Barrackville, WV	--	33
270.	1925 -- May 27, Explosion, Carolina Coal Mine, Farmville (Coal Glen), NC	--	53
271.	1925 -- June 08, Explosion, Dorrance No. 9 Coal Mine, Sturgis, KY	--	17
272.	1925 -- July 23, Explosion, Rockwood Coal Mine, Rockwood, TN	--	10
273.	1925 -- Aug 03, Explosion, No. 9 Coal Mine, Wilkes-Barre, PA	--	10
274.	1925 -- Dec 10, Explosion, Overton No. 2 Coal Mine, Irondale, AL	--	53
	1925 -- Dec 22, Fire, Webb Coal Mine, Bellaire, OH	--	9

MINING, Quarrying, Tunneling Events – CHRONOLOGICAL (Cont.)

275.	1926 -- Jan 13, Explosion, No. 21 Coal Mine, Wilburton, OK	--	91
276.	1926 -- Jan 14, Explosion, Mine No. 8, Jamison Coal Co., Farmington, WV	--	19
277.	1926 -- Jan 29, Explosion, Mossboro No. 1 Coal Mine, Helena, AL	--	27
278.	1926 -- Feb 03, Explosion, Horning No. 4, Coal Mine, Horning, PA	--	20
279.	1926 -- Mar 08, Explosion, Crab Orchard/Eccles No. 5 Coal Mine, Eccles, WV	--	20
280.	1926 -- Aug 26, Explosion, Clymer No. 1 Coal Mine, Clymer, PA	--	44
281.	1926 -- Sep 03, Explosion, Tahona Coal Mine, Tahona, OK	--	16
282.	1926 -- Oct 04, Explosion, Rockwood Coal Mine, Rockwood, TN	--	27
283.	1926 -- Nov 03, Flooding, Barnes Hecker Iron Mine, Ishpeming, MI	--	51
284.	1926 -- Dec 09, Explosion, Francisco No. 2 Coal Mine, Francisco, IN	--	37
285.	1927 -- Apr 30, Explosion, Federal No. 3 Coal Mine, Everettville, WV	--	111
286.	1927 -- Aug 03, Explosion, West Kentucky No. 7 Coal Mine, Clay, KY	--	15
287.	1928 -- Jan 09, Explosion, No. 18 Coal Mine, West Frankfort, IL	--	21
288.	1928 -- Feb 20, Explosion, Kinloch Coal Mine, Parnassus, PA	--	12
289.	1928 -- Feb 24, Explosion, Mama No. 3 Coal Mine, Jenny Lind, AR	--	13
290.	1928 -- May 19, Explosion, Mather No. 1 Coal Mine, Mather, PA	--	273
291.	1928 -- May 22, Explosion, Yukon Pocahontas Coal Mine No. 1, Yukon, WV	--	17
292.	1928 -- May 25, Explosion, Baltimore No. 5 Coal Mine, Parsons, PA	--	10
293.	1928 -- Aug 15, Explosion, Irvona No. 3 Coal Mine, Coalport, PA	--	13
294.	1929 -- Jan 26, Explosion, Kingston Pocahontas Coal Mine, Kingston, WV	--	14
295.	1929 -- Mar 21, Explosion, Kinloch Coal Mine, Parnassus, PA	--	46
296.	1929 -- May 27, Explosion, Connellsville Coal Mine, Yolande, AL	--	10
297.	1929 -- Dec 17, Explosion, Old Town Coal Mine, McAlester, OK	--	61
298.	1930 -- Feb 06, Explosion, Standard Coal Mine, Standardville, UT	--	23
299.	1930 -- Mar 26, Explosion, Crown Coal Co, Yukon Mine, Arnettville, WV	--	12
300.	1930 -- Mar 30, Explosion, Pioneer Coal Mine, Kettle Island, KY	--	16
301.	1930 -- Apr 12, Explosion, Carbonado Coal Mine, Carbonado, WA	--	17
	1930 -- July 14, Fire, Glenn gold mine, Placer County, CA	--	5
302.	1930 -- Oct 27, Explosion, Wheatley No. 4 Coal Mine, McAlester, OK	--	30
303.	1930 -- Nov 05, Methane Explosion, Sunday Creek Coal Mine No. 6, Millfield, OH	--	82
304.	1930 -- Nov 29, Explosion, Lutie No. 5 Coal Mine, Lutie, OK	--	15
	1930 -- Dec 6, Lamb coal mine explosion, Madrid, NM	--	5

305. 1931 -- Jan 28, Gas Explosion, Little Betty Coal Mine, Dugger, near Linton, IN -- 28
 306. 1931 -- Apr 13, Fire/Carbon Monoxide Poisoning, Tunnel, Chicago IL -- 11

MINING, Quarrying, Tunneling Events – CHRONOLOGICAL (Cont.)

307. 1932 -- Feb 27, Explosion, Boissevain Coal Mine, Boissevain, VA -- 38
 308. 1932 -- June 13, Explosion, Splashdam No. 6 Coal Mine, Splashdam, VA -- 10
 309. 1932 -- Dec 07, Explosion, Morgan-James Coal Mine, Madrid, NM -- 14
 310. 1932 -- Dec 09, Explosion, Zero Coal Mine, Yancey, KY -- 23
 311. 1932 -- Dec 24, Coal Mine Methane Gas Explosion, Moweaqua, Shelby Co., IL -- 54
312. 1934 -- Aug 06, Explosion, Derby No. 3 Coal Mine, Big Stone Gap, VA -- 17
 1934 -- Nov 12, Rohl Connolly granite quarry explosives detonation, Avalon, CA -- 9
313. 1935 -- Jan 21, Gas Explosion, Gilberton Coal Mine. Gilberton, PA -- 13
- 1936 -- Aug 01, Fire, Kathleen Coal Mine, Dowell, IL -- 9
314. 1936 -- Sep 02, Explosion, Hutchinson Coal Co. Mine, Macbeth, WV -- 10
 315. 1936 -- Oct 06, Shaft Accident, Morning Mine, Lead Mine, Mullan, ID -- 10
 1936 -- Nov 30, Funkhouser slate quarry explosives detonation, Delta, PA -- 9
- 1937 -- Feb 19, Detonation of explosives, Walker copper quarry, Walkermine, CA -- 6
316. 1937 -- Mar 11, Explosion, Hutchinson Coal Co., Mine, Macbeth, WV -- 18
 317. 1937 -- July 15, Explosion, Baker Coal Mine, Sullivan, IN -- 20
 318. 1937 -- Oct 15, Explosion, Mulga Coal Mine, Mulga, AL -- 34
 319. 1937 -- Oct 26, Evan-Jones Coal Mine Explosion and Fire, Jonesville, Alaska -- 14
320. 1938 -- Jan 12, Explosions, Harwick Coal Mine, Harwick, PA -- 10
 321. 1938 -- Apr 22, Explosion, Keen Mountain Coal Mine, Hanger, VA -- 45
 322. 1938 -- June 2, Gas Explosion, Butler Slope Coal Mine, Pittston, PA -- 10
 1938 -- Aug 31 Dynamite explosion, Asheville granite quarry, Asheville, NC -- 5
323. 1939 -- July 14, Explosion, Duvin Coal Mine, Providence, KY -- 28
324. 1940 -- Jan 10, Mine Explosion, Pond Creek Mine, Bartley, WV -- 91
 325. 1940 -- Mar 16, Hanna Coal Co. Willow Grove #10 Mine Explos., ~St. Clairsville, OH--72
 326. 1940 -- July 15, Coal Mine Explosion, Sonman, Portage Township, Cambria Co., PA-- 63
 327. 1940 -- Aug 27, Explosion, Bates No. 2 Coal Mine, Bares, Arkansas -- 10
 328. 1940 -- Nov 29, Explosion, OH-PA Coal Co. Nelms No. 1 Mine, Cadez, OH -- 31
329. 1941 -- May 22, Explosion, Panhandle No. 2 Coal Mine, Bicknell, IN -- 14
 330. 1941 -- July 10, Explosion, Acmar No. 6 Coal Mine, Acmar, AL -- 11
 331. 1941 -- Oct 27, Explosion, Daniel Boon Coal Mine, Daniel Boone, KY -- 15
332. 1942 -- Jan 27, Explosion, Wadge Coal Mine, Mount Harris, CO -- 34

333.	1942 -- Mar 26, Asphyxiation, Sandts Eddy Limestone Quarry, Allentown, PA	--	31
	1942 -- May 11, Peerless coal mine number 2 shaft explosion, Excelsior, AR	--	6
334.	1942 -- May 12, Explosion, Christopher No. 3 Coal Mine, Osage, WV	--	56
335.	1942 -- July 09, Explosion, Pursglove Coal Mine No. 2, Pursglove, WV	--	20

MINING, Quarrying, Tunneling Events – CHRONOLOGICAL (Cont.)

336.	1943 -- Jan 08, Fire, Pursglove Coal Mine No. 15, Pursglove, WV	--	13
337.	1943 -- Feb 27, Explosion, Smith Coal Mine #3, Washoe & Bearcreek, MT	--	74
338.	1943 -- May 05, Explosion, NuRex Coal Mine, LaFollete, TN	--	10
339.	1943 -- May 11, Explosion, Praco No. 10 Coal Mine, Praco, AL	--	12
340.	1943 -- Aug 28, Explosion, Sayreton No. 2 Coal Mine, Sayreton, AL	--	28
341.	1943 -- Sep 16, Explosion, Point Coal Mine No. 3, Three Point, KY	--	12
342.	1943 -- Sep. 24, Explosion, Primrose Colliery Coal Mine, Minersville, PA	--	14
343.	1943 -- Nov 06, Explosion Nellis No. 3, Coal Mine, Madison, WV	--	11
344.	1944 -- Mar 25, Explosion, Kathrine Coal Mine No. 4, Lumberport, WV	--	16
345.	1944 -- July 05, Fire, Powhatan No. 1 Coal Mine, Powhatan Point, OH	--	66
	1944 -- July 28, Brilliant coal mine no. 2 shaft explosion, Brilliant, NM	--	6
346.	1945 -- May 09, Explosion, No. 1 Coal Mine, Sunnyside, UT	--	23
347.	1945 -- Dec 26, Explosion, Belva No. 1, Coal Mine, Fourmile, KY	--	25
348.	1946 -- Jan 15, Explosion, New River & Pocahontas Mine, Havaco, WV	--	15
349.	1946 -- Apr 18, Explosion, Great Valley Coal Mine, McCoy, VA	--	15
350.	1947 -- Jan 15, Explosion, Nottingham Coal Mine, Plymouth, PA	--	15
351.	1947 -- Mar 25, Explosion, Centralia No, 5 Coal Mine, Centralia, IL	--	111
352.	1947 -- Apr 10, Explosion, Schooley Coal Mine, Exeter, PA	--	10
	1947 -- Apr 30, Spring Hill coal mine explosion, Terre Haute, IN	--	8
353.	1947 -- July 24, Explosion, Old Ben No. 8 Coal Mine, West Frankfort, IL	--	27
	1948 -- Feb 28, Sun Excelsior coal mine explosion, Excelsior, AR	--	8
354.	1948 -- July 27, Explosion, King Coal Mine, Princeton, IN	--	13
355.	1948 -- July 30, Explosion, Edgewater Coal Mine, Birmingham, AL	--	11
	1948 -- Nov 04, Milt coal mine fire, Kitzmiller, MD	--	5
356.	1951 -- Jan 18, Gas Explosion, Burning Springs Collieries, Kermit, WV	--	11
357.	1951 -- Oct 15, Gas Explosion, Trotter Coal Bunker Mine, Cassville, WV	--	10
358.	1951 -- Oct 31, Dust Explosion, Truax-Traer Coal United 1, Wevaco, WV	--	12
359.	1951 -- Dec 21, New Orient Coal Mine #2 Gas Explosion, West Frankfort, IL	--	119
	1953 -- Mar 30, O'Brien coal mine explosion, Lovilia, IA	--	5
360.	1954 -- Nov 13, Explosion, Jamison Coal Co. Mine # 9, Farmington, WV	--	16
	1957 -- Jan 18, Evan Jones Coal Mine explosion, Jonesville, AK	--	5
361.	1957 -- Feb 04, Gas Explosion, Pocahontas Fuel Coal Mine No. 35, Bishop, WV	--	37
362.	1957 -- Dec 27, Gas Explosion, Pocahontas Fuel, Mine 31, Amonate, WV	--	11

363. 1958 -- Oct 27, Explosion, Bishop Coal Mine # 34, Pocahontas Fuel, Bishop, WV -- 22
 364. 1958 -- Oct. 28, Gas Explosion, Oglebay Norton Burton Mine, Craigsville, WV -- 14
 365. 1959 -- Jan 22, Flooding, Knox Coal Mine, Jenkins Township, PA -- 12

MINING, Quarrying, Tunneling Events – CHRONOLOGICAL (Cont.)

366. 1960 -- Mar 08, Fire, Island Creek Coal Co. No. 22 Mine, Holden, WV -- 18
 367. 1961 -- Mar 02, Viking Coal Mine Air Dust Explosion, near Terre Haute, IN -- 22
 368. 1962 -- Jan 10, Blue Blaze No. 2 Coal Mine gas and dust Explosion, Carterville, IL -- 11
 369. 1962 -- Dec 06, Coal Mine gas and dust Explosions, Robena No. 3, Carmichaels, PA-- 37
 370. 1963 -- Apr 25, Gas Explosion, Clinchfield Coal Compass #2 Mine, Dola, WV -- 22
 371. 1963 -- Aug 27, Texas Gulf Sulfur Co., Potash Mine Gas Explosion, near Moab, UT-- 18
 1963 -- Dec 16, Coal mine explosion in No. 2 shaft of Carbon Fuel mine, Helper, UT-- 9
 372. 1968 -- Mar 6, Cargill Salt Mine Shaft Fire, CO² Asphyxiation, Belle Isle, LA²⁰⁹⁸ -- 21
 373. 1968 -- Nov 20, Explosion, Consol 9 Coal Mine, Farmington, WV -- 78
374. 1970 -- Dec 30, Explosion, Finley Co. Nos. 15 & 16 Coal Mine, Hyden, KY -- 38
 375. 1971 -- Dec 11, Gas Explosion, Lake Huron Water Tunnel, Port Huron, MI -- 22
 376. 1972 -- May 02, Fire/Gas Poisoning, Sunshine Silver Mine, Kellogg, ID --91-92
 377. 1976 -- Mar 9-11, Explosion, Scotia Mine Blue Diamond Coal, Oven Fork, KY -- 26
 1979 -- June 8, Gas explosion, Belle Isle Mine, Franklin, LA -- 5
378. 1981 -- Apr 15, Dutch Creek No. 1 methane/coal dust mine explos., Redstone, CO -- 15
 379. 1981 -- Dec 8, Coal mine No. 21 (Grundy Mining) methane gas explos., Whitwell, TN-- 13
 380. 1984 -- Dec 19, Fire, Emery Mining, Wilberg Mine, Orangeville, UT -- 27
 381. 1989 -- Sep 13, Coal Mine Gas Explosion, William Station Mine, Wheatcroft, KY -- 10
382. 2001 -- Sep 23, Jim Walter Resources No. 5 Coal Mine Gas Explosion, Brookwood, AL-- 13
383. 2006 -- Jan 2, Lightning/Explosion, Sago Coal Mine, Tallmansville, WV²⁰⁹⁹ -- 12
 2007 -- Aug 6, Crandall Canyon Coal Mine Wall Collapse (3 rescuers die Aug 16), Emery Co., UT-- 9
 384. 2010 -- Apr 05, Gas Explosion, Upper Big Branch Coal Mine, Montcoal, WV -- 29

²⁰⁹⁸ Cross-listed in Carbon Monoxide poisoning typology.

²⁰⁹⁹ Cross listed in Lightning.

QUARRYING Subset – **By Mortality**

1. 1942 -- Mar 26, Asphyxiation, Sandts Eddy Limestone Quarry, Allentown, PA -- 31
 2. 1910 -- June 1, Explosion, Union Limestone Quarry, Devils Slide, UT -- 25
 3. 1909 -- May 12, Dynamite Explosion, Calanan Quarry, South Bethlehem, NY -- 23
 4. 1905 -- Aug 16, Quarry Landslide, Lehigh Cement Co., Ormrod, near Allentown, PA -- 12
 5. 1910 -- Apr 13, Explosion, Limestone Quarry, Nazareth, PA -- 11
 6. 1905 -- Oct 06, Rock-fall, Vermont Slate Co. Briar Hill Quarry, Pawlet, VT -- 8-10
- 1920 -- Aug 13, Premature Dynamite Explosion; Boxley Quarry; Pounding Mill, VA -- 9
- 1922 -- June 27, Explosion, Holston marble quarry, Strawberry plains ~Knoxville, TN-- 9
- 1934 -- Nov 12, Rohl Connolly granite quarry explosives detonation, Avalon, CA -- 9
- 1936 -- Nov 30, Funkhouser slate quarry explosives detonation, Delta, PA -- 9
- 1887 -- June 4, Rock Fall, Quarry, Birmingham, PA (near Altoona) -- 5-6
- 1937 -- Feb 19, Detonation of explosives, Walker copper quarry, Walkermine, CA -- 6
- 1938 -- Aug 31 Dynamite explosion, Asheville granite quarry, Asheville, NC -- 5

QUARRYING Subset -- **Chronological**

- 1887 -- June 4, Rock Fall, Quarry, Birmingham, PA (near Altoona) -- 5-6
1. 1905 -- Aug 16, Quarry Landslide, Lehigh Cement Co., Ormrod, near Allentown, PA -- 12
 2. 1905 -- Oct 06, Rock-fall, Vermont Slate Co. Briar Hill Quarry, Pawlet, VT -- 8-10
 3. 1909 -- May 12, Dynamite Explosion, Calanan Quarry, South Bethlehem, NY -- 23
4. 1910 -- Apr 13, Explosion, Limestone Quarry, Nazareth, PA -- 11
5. 1910 -- June 1, Explosion, Union Limestone Quarry, Devils Slide, UT -- 25
- 1920 -- Aug 13, Premature Dynamite Explosion; Boxley Quarry; Pounding Mill, VA -- 9
- 1922 -- June 27, Explosion, Holston marble quarry, Strawberry plains ~Knoxville, TN-- 9
- 1934 -- Nov 12, Rohl Connolly granite quarry explosives detonation, Avalon, CA -- 9
- 1936 -- Nov 30, Funkhouser slate quarry explosives detonation, Delta, PA -- 9
- 1937 -- Feb 19, Detonation of explosives, Walker copper quarry, Walkermine, CA -- 6
- 1938 -- Aug 31 Dynamite explosion, Asheville granite quarry, Asheville, NC -- 5
6. 1942 -- Mar 26, Asphyxiation, Sandts Eddy Limestone Quarry, Allentown, PA -- 31

Paralytic Shellfish Poisoning (PSP) -- By Mortality

1. 1799 -- July, Paralytic Shellfish Poisoning,²¹⁰⁰ Aleuts, Russians, Peril Strait, AK -- ~100

Paralytic Shellfish Poisoning (PSP) -- Chronological

1. 1799 -- July, Paralytic Shellfish Poisoning, Aleuts, Russians, Peril Strait, AK -- ~100

²¹⁰⁰ “Paralytic shellfish poisoning, or PSP, is a potentially lethal toxin that can lead to fatal respiratory paralysis... The toxin comes from algae, which is a food source for clams, mussels, crabs and other shellfish found across Alaska. This toxin can be found in shellfish every month of the year, and butter clams have been known to store the toxin for up to two years. The toxin cannot be seen with the naked eye, and there is no simple test a person can do before they harvest. One of the highest concentrations of PSP in the world was reported in shellfish from Southeast Alaska.” (SEARHC, C. Bingham. “Paralytic shellfish poisoning...warning issued...Southeast Alaska.” 6-24-2010.)

SUBSIDENCE due to Mining Undermining Subset

1. 1869 -- Dec 18, Subsidence, Houses fall into Coal Mine, Stockton, near Hazelton, PA -- 6-15

TUNNELING Subset – **By Mortality**

1. 1909 -- Jan 20, Magazine Explos., Water Tunnel Crib Fire, Lake Mich., ~ Chicago, IL-- 53
2. 1879 -- Nov 18, Gas Explosions, Railroad Tunnel No. 3, near San Jose, CA -- ~30
3. 1916 -- July 24, Gas Explosion, Cleveland Waterworks Tunnel, Cleveland, OH --21-23
4. 1971 -- Dec 11, Gas Explosion, Lake Huron Water Tunnel, Port Huron, MI -- 22
5. 1880 -- July 20, Tunnel Construc. Failure (Blowout), Hudson Riv, Jersey City, NJ -- 21
6. 1907 -- May 11, Tunnel Dynamite Explosion, South & Western RR, Alta Pass, NC -- 9-14
7. 1867 -- Oct 19, Naphtha Explosion/Fire, Hoosac Tunnel, Northern Berkshires, MA -- 13
8. 1901 -- Aug 14, Waterworks Crib Fire, two miles off Cleveland Harbor, OH²¹⁰¹ --12-13
9. 1911 -- Jan 31, Suffocation, Tunnel Caisson, Pontoon, Passaic River, Newark, NJ -- 12
10. 1898 -- July 11, Gas Explosion, Lake Erie Water Works Tunnel, near Cleveland, OH -- 11
11. 1910 -- Sep 11, Cave-in, Bergen Tunnel, Erie Railroad, Jersey City, NJ -- 11
12. 1931 -- Apr 13, Fire/Carbon Monoxide Poisoning, Tunnel, Chicago IL -- 11
13. 1884 -- Oct 08, Gale, Hyde Park Waterworks Crib cabin washed away, S. Chicago, IL-- 9-10
14. 1888 -- Sep 11, Premature Explos., Wickes Tunnel, Montana Central RR ~Helena, MT-- 10
15. 1898 -- Aug 22, Carnegie Tunnel Wall Collapses burying workmen, ~Pittsburg, PA -- 8-10

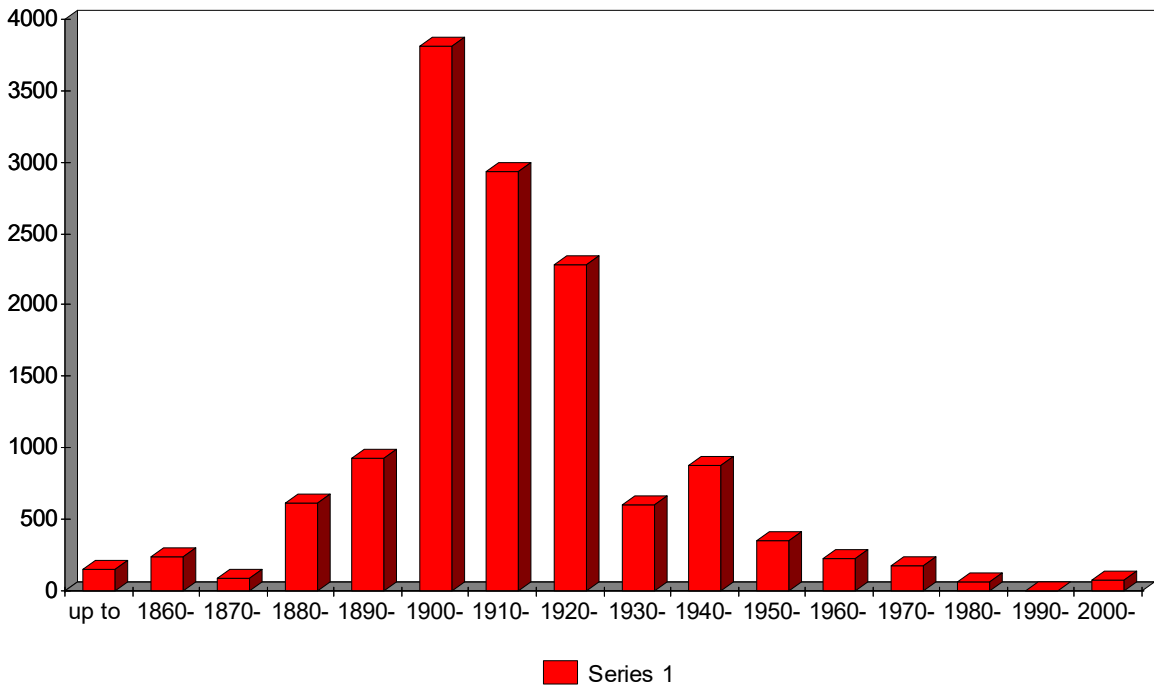
TUNNELING Subset – **Chronological**

1. 1867 -- Oct 19, Naphtha Explosion/Fire, Hoosac Tunnel, Northern Berkshires, MA -- 13
2. 1879 -- Nov 18, Gas Explosions, Railroad Tunnel No. 3, near San Jose, CA -- ~30
3. 1880 -- July 20, Tunnel Construc. Failure (Blowout), Hudson Riv, Jersey City, NJ -- 21
4. 1884 -- Oct 08, Gale, Hyde Park Waterworks Crib cabin washed away, S. Chicago, IL-- 9-10
5. 1888 -- Sep 11, Premature Explos., Wickes Tunnel, Montana Central RR ~Helena, MT-- 10
6. 1898 -- July 11, Gas Explosion, Lake Erie Water Works Tunnel, near Cleveland, OH -- 11
7. 1898 -- Aug 22, Carnegie Tunnel Wall Collapses burying workmen, ~Pittsburg, PA -- 8-10
8. 1901 -- Aug 14, Waterworks Crib Fire, two miles off Cleveland Harbor, OH²¹⁰² --12-13
9. 1907 -- May 11, Tunnel Dynamite Explosion, South & Western RR, Alta Pass, NC -- 9-14
10. 1909 -- Jan 20, Magazine Explos., Water Tunnel Crib Fire, Lake Mich., ~ Chicago, IL-- 53
11. 1910 -- Sep 11, Cave-in, Bergen Tunnel, Erie Railroad, Jersey City, NJ -- 11
12. 1911 -- Jan 31, Suffocation, Tunnel Caisson, Pontoon, Passaic River, Newark, NJ -- 12
13. 1916 -- July 24, Gas Explosion, Cleveland Waterworks Tunnel, Cleveland, OH --21-23
14. 1931 -- Apr 13, Fire/Carbon Monoxide Poisoning, Tunnel, Chicago IL -- 11
15. 1971 -- Dec 11, Gas Explosion, Lake Huron Water Tunnel, Port Huron, MI -- 22

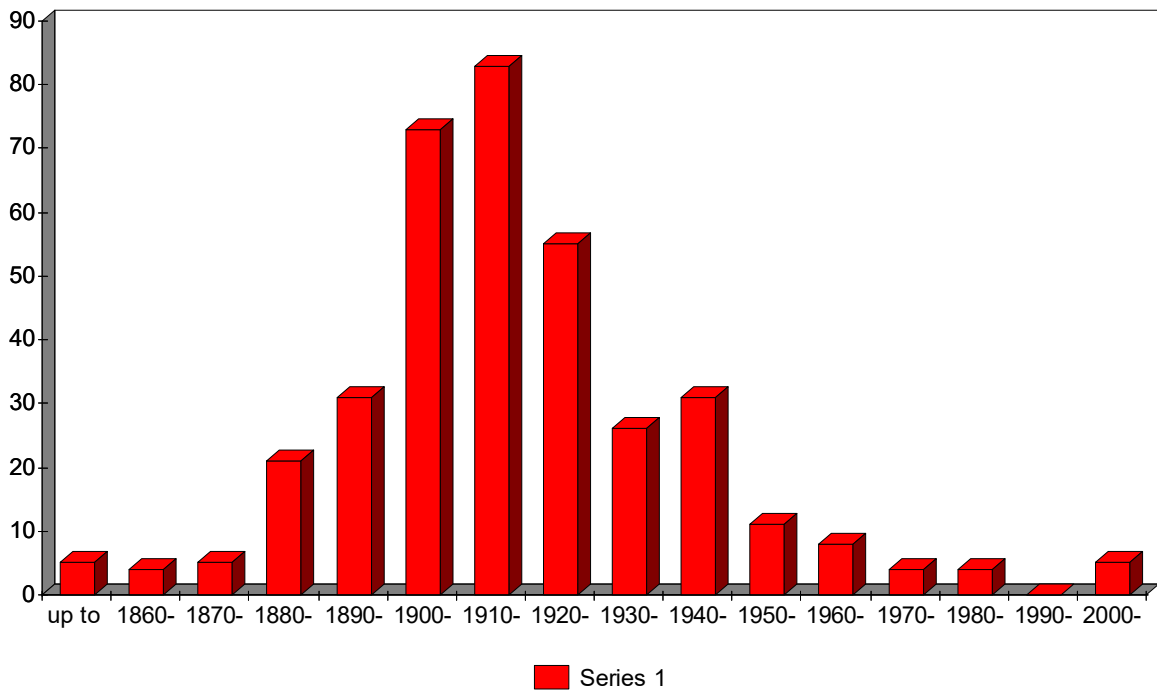
²¹⁰¹ Cross listed in Fires, Structural.

²¹⁰² Cross listed in Fires, Structural.

Mining Fatalities by Decade



Mining Events by Decade



RAIL – Train, Electric Rail, Streetcar, Subway, Trolley Events
Deadliest American -- By Mortality

1. 1910 -- Mar 01, Avalanche, two Trains Derailed, Stevens Pass, Wellington, WA²¹⁰³ -- 118
2. 1904 -- Aug 07, Train Trestle Fails, Train Wreck, Eden/Pueblo, CO²¹⁰⁴ -- ~83-116
3. 1918 -- July 09, Trains Collide, Great Nashville Tenn Train Wreck, Nashville, TN --89-101
4. 1876 -- Dec 29, Bridge Collapse Under Train *Pacific Express*, Ashtabula, OH²¹⁰⁵ -- 100
5. 1901 -- Nov 27, Passenger Trains Collide, Wabash Railroad, near Seneca, MI --75-100
6. 1918 -- Nov 01, Rapid Transit Train Derailment, Brooklyn, NY -- 97
7. 1918 -- Jun 22, Trains Collide, Hammond Circus Train Wreck, Ivanhoe, IN -- 86
8. 1887 -- Aug 10, Great Chatsworth Trestle Failure/Train Wreck, IL²¹⁰⁶ -- 85
9. 1951 -- Feb 06, “The Broker” Train Derailment, Woodbridge, NJ -- 85
10. 1943 -- Sep 6, Congressional Limited Train Derailment, Frankford Junction, PA²¹⁰⁷ --79-81

11. 1950 -- Nov 22, Train Collision, Richmond Hill, Queens, NY -- 79
12. 1864 -- July 15, Head-on Erie RR war-prisoner train/PA coal Train crash ~Shohola PA-- ≥74
13. 1943 -- Dec 16, Train Derailment, Atlantic Coast Line, 2nd Crash, Rennert, NC --69-74
14. 1856 -- July 17, Great Train Wreck, N. PA Railroad, Camp Hill/Ft. Washington, PA --66-67
15. 1888 -- Oct 10, Lehigh Valley RR Trains Collide, Mud Run, Carbon County, PA --64-66
16. 1903 -- Dec 23, Train Wreck, Connelsville, PA -- 64
17. 1904 -- Sep 24, Head-on Train Collision, New Market, TN -- 62
18. 1906 -- Oct 28, Train Derailment into Tidal Channel, Atlantic City, NJ --57-62
19. 1853 -- May 06, New Haven Rail Train Goes Into River, South Norwalk, CT --40-56
20. 1883 -- Mar 30, Train Accident, Cincinnati So. Rail, Mason’s Station, OH -- 53
21. 1906 -- Dec 30, Trains Collide, Terra Cotta (now Fort Totten) Station, Wash. DC --53-59
22. 1917 -- Dec 20, Train Collision, Shepherdsville, KY -- 51
23. 1867 -- Dec 18, Lake Shore and Michigan Southern Derailment/Fire, Angola NY --39-50
24. 1896 -- July 30, Two-Train Collision, Atlantic City, NJ -- 50
25. 1906 -- Nov 12, Trains Collide, Baltimore & Ohio Railroad, near Woodville, IN --44-50
26. 1916 -- Nov 07, Train goes through open drawbridge, ~ South Station, Boston, MA -- 50
27. 1925 -- Jun 16, Train Derails, Rockport Crossing, near Hackettstown, NJ²¹⁰⁸ -- 50
28. 1910 -- Mar 21, Train Derailment, Rock Island RR, Green Mountain, Gladbrook, IA -- 49
29. 1944 -- Dec 31, Fog, Southern Pacific mail-express hits passenger train, ~Bagley, UT²¹⁰⁹--48
30. 1958 -- Sep 15, Commuter Train Plunges off Bridge into Newark Bay, NJ -- 48
31. 1938 -- June 19, Flash Flood, Bridge Fails, Train Crash, Miles City, MT²¹¹⁰ -- 47
32. 1944 -- Aug 05, Atlantic Coast Line Train Wreck, near Stockton, GA -- 47
33. 1946 -- Apr 26, Train Collision, *Advance Flyer & Exposition Flyer*, Naperville, IL -- 47

²¹⁰³ Cross-listed in Avalanche.

²¹⁰⁴ Cross-listed in Structural Failures, Bridges.

²¹⁰⁵ Cross-listed in Structural Failures, Bridges.

²¹⁰⁶ Cross-listed in Structural Failures, Bridge/Trestles.

²¹⁰⁷ Accounts then and since note either 79 or 80 deaths. We do not know which is correct. The range of 79-81 is due to our including as an indirect death that of a Brooklyn man who committed suicide after identifying his wife and two children as fatalities. Without this inclusion, certainly 79 died. With inclusion, either 80 or 81 died.

²¹⁰⁸ Cross-listed in Flash Floods.

²¹⁰⁹ Cross-listed in Fog as a Contributing Factor.

²¹¹⁰ Cross-listed in Flash Floods and Structural Failures (Bridge/Trestles).

34. 1993 -- Sep 22, Fog, Barge hits bridge, Amtrak train derails into water/fire, ~Mobile, AL²¹¹¹ -- 47

RAIL Events – Deadliest American – By MORTALITY – Cont.

35. 1972 -- Oct 30, Illinois Central Gulf Commuter Rail Crash, Chicago, IL	-- 45
36. 1915 -- Sep 27, Rail Tank Car Gasoline Explosion, Ardmore, OK ²¹¹²	--40-44
37. 1900 -- July 04, Trolley Car Derails, Tacoma, WA	-- 43
38. 1914 -- Aug 05, Trains Collide, Tipton Ford, MO	-- 43
39. 1940 -- July 31, Train Collision, Cuyahoga Falls, OH	-- 43
40. 1910 -- Sep 21, Interurban Electric Train Car (Trolley) Crash, Kingsland, IN	--39-42
41. 1859 -- Jun 28, Springbrook Bridge Fails Under Train, Mishawaka, IN	-- 41
42. 1901 -- Aug 30, Runaway freight cars collide with train, fire ~Nyack station, MT	--36-41
43. 1912 -- July 04, Train Collision, East Corning, NY	-- 41
44. 1854 -- Nov 01, Train Derailment, Chicago for Rock Island, IL	-- 40
45. 1887 -- Feb 05, Train Derails/Fire, Woodstock Bridge, White River, ~Hartford, VT	-- >40
46. 1903 -- Nov 14, Trains Collide and Burn, Illinois Central RR, near Kentwood, LA	--30-40
47. 1907 -- May 11, Train Derails, Coast Line, Southern Pacific RR, near Honda, CA	--32-40
48. 1887 -- Mar 14, Busey Bridge Collapses Under Train, Roslindale, MA	--23-37
49. 1910 -- Oct 04, Traction (Electric) Trains Collide, near Staunton, IL	-- 37
50. 1921 -- Feb 27, Trains Collide, NY Central & MI Central RR, Porter, IN	-- 37
51. 1900 -- Jun 23, Cloudburst, Trestle Washout/Train Wreck/Fire, ~McDonough GA ²¹¹³	-- 37
52. 1899 -- Aug 06, Train Derailment, Peck's Mill Pond, Oronoque ~ to Bridgeport, CT	-- 36
53. 1912 -- Mar 18, Boiler Explos., Train Engine, So. Pacific Yard, San Antonio TX ²¹¹⁴	-- 36
54. 1907 -- Jan 2, Rock Island RR Trains 29#2 & 30 Collide, Fire, near Volland, KS	--32-35
55. 1944 -- July 06, Troop Train Derailment, Jellico, TN	-- 35
56. 1907 -- Jan 19, Train Car Explosion (Powder), Big Four Railroad, Sandford, IN ²¹¹⁵	--29-34
57. 1922 -- Aug 05, Trains Collide, MO Pacific Railroad, Sulphur Springs, MO	-- 34
58. 1945 -- Aug 09, Train Collision, Great Northern's <i>Empire Builder</i> , Michigan, ND	-- 34
59. 1950 -- May 25, Collision, Green Hornet Trolley & Gasoline Tank Truck, Chicago IL ²¹¹⁶	34
60. 1893 -- Jan 21, Express Train Collides into Oil Cars/fire/explos., Wann, ~Alton, IL ²¹¹⁷	-- 33
61. 1917 -- Sep 28, Trains Collide, near Kellyville, OK	-- 33
62. 1950 -- Sep 11, Train Spirit of St. Louis Hits Troop Train, Fog, Isleta, OH	-- 33
63. 1871 -- Aug 26, Trains Collide, Eastern RR of Mass., Revere Station ~Boston MA	--29-32
64. 1880 -- Oct 9, Trains Collide, Pennsylvania Railroad, Pittsburgh, PA	--27-32
65. 1907 -- July 20, Excursion & Freight Trains Collide, Pere Marquette RR, ~Salem, MI	--31-32
66. 1963 -- Sep 17, Train hits migrant worker truck-bus, grade-crossing, Chualar, CA ²¹¹⁸	-- 32
67. 1855 -- Nov 01, Bridge Failure Under Excursion Train, Gasconade, MO ²¹¹⁹	--20-31
68. 1923 -- Sep 27, Flooding, Bridge Washout/Train Derails, near Lockett, WY ²¹²⁰	-- 31

²¹¹¹ Cross-listed in Fog as a contributing factor and in Maritime.

²¹¹² Cross-listed in Explosions and in Hazardous Materials.

²¹¹³ Cross-listed under Structural Failure-Trestle and Flooding.

²¹¹⁴ Cross-listed in Explosions.

²¹¹⁵ Cross-listed in Explosions and in Hazardous Materials incidents.

²¹¹⁶ Cross-listed in Hazardous Materials incidents.

²¹¹⁷ Cross-listed in Hazardous Materials incidents.

²¹¹⁸ Cross-listed in Vehicular/Road/Highway events.

²¹¹⁹ Cross-listed in Structural Failures – Bridges/Trestles.

69.	1950 -- Feb 17, Train Accident, Rockville Centre Station, Rockville Centre, NY	-- 31
70.	1854 -- July 04, Two-Train Collision, Near Relay House, Baltimore, MD	-- 30
71.	1864 -- Sep 01, Confederate Wounded Train Collision, Barnesville, GA	-- ~ 30
72.	1879 -- Oct 09, Rear-end Train Collision, Michigan Central RR, Jackson, MI	-- 30
73.	1896 -- July 11, Trains Collide head-on, Chicago & Northwestern RR, Logan, IA	-- 30
74.	1897 -- Sep 08, Trains Collide, Santa Fe Railroad, near Emporia, KS	-- 30
75.	1897 -- Sep 10, Trains Collide, Fire, near Newcastle, CO	-- 30
76.	1902 -- Sep 01, Excursion Train Derailment, Southern Railway, near Berry, AL	-- 30
77.	1926 -- Sep 05, Train Derailment, near Waco, CO	-- 30
78.	1940 -- Apr 19, Train Derails, NY Central <i>Lake Shore Limited</i> , Little Falls, NY	-- 30
79.	1956 -- Jan 22, Train Derailment, Santa Fe RR, Redondo Junction, Los Angeles, CA	-- 30

RAIL Events – Deadliest American -- By MORTALITY – Cont.

80.	1890 -- May 30, Train Falls through open Drawbridge, Drownings, Oakland, CA	-- 29
81.	1899 -- May 12, Trains Collide, Philadelphia & Reading Railroad, Exeter, PA	-- 29
82.	1902 -- May 12, Explosion, Freight Train Oil and Naphtha Cars, Sheraden, PA ²¹²¹	--20-29
83.	1904 -- Oct 10, Train Collision, Freight/Passenger, near Warrensburg, MO	--27-29
84.	1907 -- Jan 19, Trains Collide in Fog, Big Four Line, Fowler, IN ²¹²²	--23-29
85.	1911 -- Aug 25, Train Derailment, Lehigh Valley Rail Road, Manchester, NY	-- 29
86.	1940 -- Mar 14, Train hits farm workers Truck at Highway 83 Crossing, Alamo, TX ²¹²³	-- 29
87.	1943 -- Aug 30, Lackawanna Limited Train Collision, near Wayland, NY	--28-29
88.	1944 -- Sep 14, Train Collision, Terre Haute, IN	-- 29
89.	1907 -- Mar 28, Train Derails, Sunset Express, Southern Pacific Rail, Colton, CA	--24-28
90.	1914 -- Sep 15, Flooding, Bridge Washout & Train Derailment, Lebanon, MO ²¹²⁴	-- 28
91.	1864 -- Sep 27, Train Robbery/Murders, Bill Anderson/Jesse James, Centralia MO ²¹²⁵	--22-27
92.	1888 -- Mar 17, Trestle Collapse, West India Mail Train Derails, Blackshear, GA ²¹²⁶	--25-27
93.	1916 -- Mar 29, Three Train Collision in Fog, near Amherst, OH ²¹²⁷	-- 27
94.	1916 -- Aug 12, Runaway Trolley Car Collision, ~Ebensburg and Johnstown, PA	--26-27
95.	1921 -- Dec 5, Trains collide/burn, Philadelphia & Reading RR ~Bryn Athyn, PA	--26-27
96.	1868 -- Apr 15, Broken Rail Train Derails/Fire, Carr's Rock, Pike County, PA	--22-26
97.	1880 -- Aug 11, Trains Collide, West Jersey & Atlantic Railroad, Mays Landing, NJ	--23-26
98.	1893 -- Oct 20, Trains Collide, Fire, Battle Creek, MI	-- 26
99.	1903 -- Aug 07, Wallace Circus Trains Collide, Grand Trunk Railroad, Durand, MI	--24-26
100.	1905 -- Jun 17, Trains Collide, Western MD Road, near Patapsco Station, MD	--23-26
101.	1855 -- Aug 29, RR Crossing Crash & Derailment, North PA RR, Burlington, NJ	-- 25
102.	1870 -- May 12, Train Collision, Missouri Pacific RR, near Eureka, MO	-- 25

²¹²⁰ Cross-listed in Flooding.

²¹²¹ Cross-listed in Explosions and in Hazardous Materials incidents.

²¹²² Cross-listed in Fog as a Contributing Factor.

²¹²³ Cross-listed in Road/Highway.

²¹²⁴ Cross-listed in Flooding

²¹²⁵ Cross-listed in Violence-Civil War Atrocities/War Crimes and in Violence-Mass Murder. "Several" or "some" of the fatalities, which we translate as "3" were Centralia residents, not train passengers. The range for train killed generally runs from 22-25, mostly unarmed Union soldiers.

²¹²⁶ Cross listed in Structural Failures (Bridge, Trestle)

²¹²⁷ Cross-listed in Fog as a Contributing Factor.

103. 1872 -- Dec 24, Train Derailment and Fire, near Prospect Station, Goose Creek, NY--19-25
 104. 1883 -- Jan 20, Train Derails, Southern Pacific Railroad, near Tehachapi, CA --15-25
 105. 1907 -- Sep 15, Trains Collide, near Canaan, NH -- 25
 106. 2008 -- Sep 12, Metrolink 111 and Union Pacific Train Collision, Chatsworth, CA -- 25

RAIL Events – Deadliest American -- By MORTALITY (Cont.)

107. 1883 -- June 23, Trains Collide, Northern Pacific RR, Heron Station, MT -- 24
 108. 1903 -- Jan 27, Trains Collide/burn, NJ Central RR, ~Graceland and Plainfield, NJ --23-24
 109. 1904 -- Feb 19, Trains Collide, Dynamite Explodes, Jackson Station, NV²¹²⁸ -- 24
 110. 1907 -- Feb 16, Electric Train Derailment, Harlem Div., NY Central Rail, Bronx --23-24
 111. 1919 -- Dec 20, Trains Collide/Fire, near Onawa, ME --23-24
 112. 1938 -- Dec 01, Train hits Jordan High School Bus at Crossing, Midvale, UT²¹²⁹ -- 26
 113. 1939 -- Aug 12, Violence (Sabotage), Train Derails, S. Pacific RR, Carlin, NV²¹³⁰ -- 24
 114. 1947 -- Feb 18, Train Derails, Pennsylvania RR *Red Arrow*, near Altoona, PA -- 24
 115. 1883 -- July 27, “Thousand Islands” Passenger Train hits Railcar, Carlton, NY --17-23
 116. 1890 -- Aug 19, Train Derails, Cape Cod Express, Old Colony RR, ~Quincy, MA -- 23
 117. 1901 -- July 10, Trains Collide head-on, Chicago & Alton Road, ~Norton, MO --21-23
 118. 1903 -- Jul 07, Trains Collide, Rockfish Depot, 20 miles S of Charlottesville, VA --23-24
 119. 1905 -- May 11, Trains Collide, blasting powder explodes/fire, SE Harrisburg, PA²¹³¹ -- 23
 120. 1910 -- July 04, Head-on Train Collision, Middletown, OH -- 23
 121. 1912 -- July 05, Train Collision, Ligonier, PA -- 23
 122. 1933 -- Sep 5, Passenger and Milk Trains Collide, Erie Railroad, Binghamton NY --14-23
 123. 1959 -- June 28, Train Derailment, LPG-Tank Rupture, Flash-Fire, Meldrim, GA²¹³² -- 23
 124. 1871 -- Feb 06, Train Collision, Wappingers Creek, New Hamburg, NY -- 22
 125. 1886 -- Oct 28, Train Derailment and Fire, near East Rio, WI -- 22
 126. 1890 -- Sep 19, Three Train Collision, Shoemakersville, Berks County, PA -- 22
 127. 1903 -- Dec 26, Trains Collide, Pere Marquette RR, near Grand Rapids, MI -- 22
 128. 1906 -- Mar 16, Denver & R.G. Passenger Trains Collide, Adobe, CO -- 22
 129. 1906 -- July 22, Passenger and Freight Trains Collide near Hamlet, NC --20-22
 130. 1919 -- Jan 12, Trains Collide (rear-end), NY Central Railroad, South Byron, NY --20-22
 131. 1922 -- Dec 13, Trains Collide, Humble, TX -- 22
 132. 1930 -- Apr 11, Train Hits Pickwick-Greyhound Bus, near Isleta, NM²¹³³ -- 22
 133. 1853 -- Apr 25, Trains Collide/Negligence/Competition, Grand Crossing, Chicago IL-- 21
 134. 1897 -- Oct 24, Train Wreck, New York Central & Hudson River RR, Garrison, NY-- 21
 135. 1905 -- Jun 21, Sabotage, Train Derails, Twentieth Century Ltd., Mentor OH²¹³⁴ --19-21
 136. 1909 -- Jan 15, Train Collision, Denver and Rio Grande RR, Dotsero, CO -- 21
 137. 1913 -- Sep 02, Trains Collide, North Haven CT -- 21
 138. 1924 -- Feb 2, Interurban Traction Trains collide/fire, edge of Alfont, IN --19-21
 139. 1927 -- Oct 14, Interurban Railcar hits truck-trailer with people, Indianapolis, IN²¹³⁵ --20-21

²¹²⁸ Cross-listed in Explosions and in Hazardous Materials.

²¹²⁹ Cross-listed in Highway

²¹³⁰ Cross-listed in Violence (Sabotage).

²¹³¹ Cross-listed in Explosions and in Hazardous Materials.

²¹³² Cross-listed in Hazardous Materials.

²¹³³ Cross-listed in Highway (Bus)

²¹³⁴ Cross-listed in Violence Subsections Mass Murder and Sabotage.

140. 1953 -- Mar 27, Trains Collide, New York Central Line, near Conneaut, OH -- 21

RAIL Events – Deadliest American -- By MORTALITY (Cont.)

141. 1867 -- Dec 11, Train goes into River, Central VT Railroad, near Northfield, VT --15-20
142. 1877 -- Aug 29, Bridge washout, Train goes into Little Four Mile Creek, ~Des Moines, IA²¹³⁶--20
143. 1886 -- Sep 14, Trains Collide, Nickel-Plate Railroad, Silver Creek, NY -- 20
144. 1887 -- Jan 04, Freight and Passenger Trains Collide Head-on, Fire, Republic, OH -- ~20
145. 1888 -- July 22, Trains Collide, Forest Depot, near Lynchburg, VA --13-20
146. 1891 -- Aug 27, Train Derails off Boston's Bridge, near Statesville, NC -- 20
147. 1902 -- Dec 20, Train Collision, Stockton Flyer/LA Owl, Bryon Springs, CA -- 20
148. 1903 -- Nov 19, Big Four Railway Freight and Work Trains Collide near Tremont, IL-- 20
149. 1904 -- Jan 06, Two Rock Island Trains Collide, near Willard & Topeka, KS -- 20
150. 1904 -- July 03, Train Derails, Wabash Railroad, Litchfield, IL -- 20
151. 1905 -- Nov 26, Trains Collide, Bakers Bridge, MA --17-20
152. 1908 -- Sep 25, Snowstorm, Trains Collide, Young's Point, near Park City, MT -- 20
153. 1911 -- Oct 28, Train Wreck, Union Pacific Railroad, near Cheyenne, WY -- 20
154. 1917 -- Feb 27, Trains Collide in Fog, Pennsylvania RR, Mount Union, PA²¹³⁷ -- 20
155. 1918 -- Oct 03, Train Runs into Passengers in Fog, East Bedford, OH²¹³⁸ -- 20
156. 1929 -- Jan 22, Train Hits Greyhound Bus, Snowstorm, near Bellevue, OH²¹³⁹ -- 20
157. 1956 -- Sep 05, Trains Collide, Santa Fe Express trains, near Robinson, NM -- 20
158. 1961 -- Dec 14, Train and School Bus Collision, Auburn, CO²¹⁴⁰ -- 20
159. 1878 -- Oct 08, Train Derailment, Old Colony Road, Wollaston, near Boston, MA -- 19
160. 1891 -- July 03, Freight and Passenger Trains Collide, Burn, at depot, Ravenna, OH-- 19
161. 1917 -- Aug 13, Trains Collide, near North Branford, CT -- 19
162. 1926 -- Dec 23, Trains Collide, near Rockmart, GA -- 19
163. 1945 -- June 15, Freight train car derails/hit by passenger train (cars derail), Milton, PA-- 19
164. 1946 -- Dec 13, Train Collision, PRR's *Golden Triangle*, near Coulter, OH -- 19
165. 1962 -- July 28, "Baseball" train derails, Susquehanna Riv., Steelton, ~Harrisburg, PA-- 19
166. 1889 -- Apr 28, Train Derails, Burns, Hamilton, Ontario, Canada --20; US 13-18
167. 1898 -- Sep 5, Troy City Rail Car/D&H Train Collide, Cohoes Crossing, Albany NY-- 18
168. 1911 -- May 29, Trains Collide/Fog, Chicago, Burlington & Quincy RR, McCook, NE-- 18
169. 1934 -- Dec 27, Boiler Explosion, Engine Hauling Mine Workers, McDunn WV²¹⁴¹-- 18
170. 1951 -- Nov 12, Trains Collide, Snowstorm, Union Pacific Railroad, Evanston, WY--17-18
171. 1878 -- Jan 14, Bridge Failure, Train Crash, CT Western RR, Tariffville, CT -- 17
172. 1889 -- July 02, Flash Flood, Washout/Train Derailment, Fire, near Thaxton, VA²¹⁴²-- 17

²¹³⁵ Cross-listed in Road/Highway.

²¹³⁶ Cross-listed in Flooding. Storm heavy rainfall led to flooding which washed out the train bridge.

²¹³⁷ Cross-listed in Fog as a Contributing Factor.

²¹³⁸ Cross-listed in Fog as a Contributing Factor.

²¹³⁹ Cross-listed in Highway and Winter Storm

²¹⁴⁰ Cross-listed in Highway.

²¹⁴¹ Cross-listed in Rail.

²¹⁴² Cross-listed in Flash Flooding.

RAIL Events – Deadliest American -- By MORTALITY – Cont.

173.	1895 -- Nov 16, Streetcar goes into Cuyahoga River, Cleveland, OH	--	17
174.	1899 -- Jan 09, Trains Collide, Lehigh Valley Railroad near West Dunellen, NJ	--	17
175.	1901 -- Feb 21, “Nellie Bly” Train collision/fire, Rusling’s Siding, ~Bordentown, NJ	--	17
176.	1902 -- Jan 8, Trains Collide, “New Rochelle Car,” Park Avenue Tunnel, NYC	--	17
177.	1903 -- Mar 09, Train Wreck/Fire, delayed Oil/Gasoline Tanker Explos., Olean, NY ²¹⁴³	--	17
178.	1903 -- Oct 17, Fog, Work Trains Collide, Washington Crossing, near Trenton, NJ ²¹⁴⁴	--	17
179.	1903 -- Oct 31, Purdue Football Team Train Wreck, 18 th St., Indianapolis, IN	--	17
180.	1904 -- Jul 10, Trains Collide, Greenwood Lake Div, Erie R.R., Midvale, NJ	--	17
181.	1909 -- Oct 08, Trains Collide, Topeka, KS	--	17
182.	1913 -- Oct 19, Train Derailment, Buckatunna, MS	--	17
183.	1918 -- Jan 14, Train Derailment and Collision, Hammond, TX	--	17
184.	1920 -- Jul 03, Trains Collide, Lackawanna & WY Valley RR, South Pittston, PA	--	17
185.	1951 -- Nov 25, New York and New Orleans Trains Collide near Woodstock, AL	--	17
186.	1893 -- Aug 26, Trains Collide, Harlem Road, Berlin, NY	--	16
187.	1901 -- Jun 26, Trestle Fails under Train, weakened by recent rain, near Peru, IN	--	16
188.	1908 -- Oct 15, Wildfire, Relief Train derails, burns, Nowicki Siding ~Metz, MI ²¹⁴⁵	--	15-16
189.	1909 -- July 31, Electric Trains Collide Head-on, Gibbs, near Coeur d’Alene, ID	--	16
190.	1909 -- Dec 15, Train Derailment, Reedy Fork trestle, near Greensboro, NC	--	12-16
191.	1913 -- July 13, Pacific Electric RR Trains Collide, ~Vineyard Station, L.A., CA	--	16
192.	1919 -- Nov 1, Train Hits “Auto Truck” at Grade Crossing, Clarksboro, NJ	--	14-16
193.	1926 -- Jun 16, Trains Collide, Pennsylvania Railroad, near Gray, PA	--	16
194.	1928 -- Aug 24, Subway Train Crash, 42 nd Street-Times Square Station, NYC	--	16
195.	1942 -- Oct 28, Train Crashes into Bus, Detroit, MI ²¹⁴⁶	--	16
196.	1978 -- Feb 24, Train Derailment, Explosion, LPG Tank Car, Waverly, TN ²¹⁴⁷	--	16
197.	1987 -- Jan 4, Amtrak 94 rear-ends Conrail ENS-121 freight train, Chase, MD	--	16
198.	1871 -- July 03, Bridge Fails under Train, Harpeth River, near Nashville, TN ²¹⁴⁸	--	15
199.	1876 -- Mar 6, Bridge Fails under Train, Valley Div., B&O, Shenandoah Co., VA ²¹⁴⁹	--	15
200.	1878 -- Aug 07, Train Collision, Panhandle Rail, near Mingo Junction, OH	--	15
201.	1883 -- Jan 23, Train Derails, Georges Creek & Cumberland Rd., ~Cumberland, WV	--	15
202.	1887 -- July 21, Train Runs Into Work-Gang, Erie Railroad, near Hohokus, NY	--	15
203.	1887 -- July 27, Trains Collide, Chicago/Alton RR, between Hopedale & Delavan, IL	--	15
204.	1900 -- Aug 12, Train hits horse-drawn coach at grade crossing ~Slatington, PA ²¹⁵⁰	--	13-15
205.	1901 -- Aug 29, Train Derails, Sodus Bay Division, near Newark, NY	--	14-15
206.	1902 -- Jan 08, South Norwalk & NY Central White Plains Train Collision, NYC	--	15
207.	1902 -- Mar 07, Passenger Train Derails (broken rail), burns, ~Maxon Station, TX	--	15

²¹⁴³ Cross-listed in Explosions and in Hazardous Materials.

²¹⁴⁴ Cross-listed in Fog as a Contributing Factor.

²¹⁴⁵ Cross-listed in Fire – Wildfires/Forest Fires. Total loss of life was 37-47.

²¹⁴⁶ Cross-listed in Highway.

²¹⁴⁷ Cross listed in Hazardous Materials.

²¹⁴⁸ Cross-listed in Structural Failures – Brides/Trestles.

²¹⁴⁹ Cross-listed in Structural Failures – Brides/Trestles.

²¹⁵⁰ Cross-listed in Road/Highway -- Rail Crossing Collisions.

208.	1905 -- Aug 13, Trains Collide, Nickel Plate Road, Kishman, OH	--12-15
209.	1905 -- Aug 17, Train goes into Elizabeth River, Atlantic Coast Line, Bruce, VA	-- 15
210.	1911 -- Sep 24, Train Collision with Hay Wagon at Crossing, Neenah, WI ²¹⁵¹	-- 15
211.	1912 -- Nov 11, Trains Collide, Montz, LA	-- 15
212.	1912 -- Nov 13, Trains Collide, Indianapolis, IN	-- 15
213.	1918 -- July 20, Trains Collide, near Chelsea, MI	-- 15
214.	1918 -- Sep 17, Trains Collide, near Marshfield, MO	-- 15
215.	1919 -- Aug 14, Train & Street Car Collide, Parmaco, near Parkersburg, WV	-- 15
216.	1920 -- Jun 09, Trains Collide, near Schenectady, NY	-- 15

RAIL Events – Deadliest American -- By MORTALITY (Cont.)

217.	1859 -- Nov 01, Train Derails, Johnson Creek, WI	-- 14
218.	1859 -- Dec 31, Train and Bridge Disaster, near Columbus, GA	-- 14
219.	1873 -- Aug 16, Trains Collide, Chicago and Alton Railroad, Lemont, IL	-- 14
220.	1884 -- May 14, Trains Collide, Baltimore & Ohio RR, near Connellsville, PA	-- 14
221.	1888 -- Jan 10, Train Derailment, Merrimac Riv. Bridge, Haverhill, MA	-- 9-14
222.	1891 -- July 4, Train cars go through fire-damaged trestle, Farm Sta., ~Charleston, WV _≥ 14	-- 14
223.	1892 -- Sep 07, Train Wreck, near Eckenrode Mills, PA	-- 14
224.	1900 -- Sep 2, Milk and Excursion Trains Collide, Reading RR, Hatfield, PA	--13-14
225.	1902 -- July 4, Trolleys Collide, Mt. Lake RR, Bleecker Mt. ~Gloversville, NY	--13-14
226.	1903 -- Jan 28, Trains Collide/burn on Southern Pacific, Esmond, near Tucson, AZ	-- ≥14
227.	1907 -- Aug 30, Electric Trains Collide (Trolley & Express), near Charleston, IL	-- 14
228.	1911 -- July 11, Train Derailment, Burr Crossing, Bridgeport, CT	-- 14
229.	1916 -- Oct 1, Freight Train/Street Car (Trolley) Crossing Collision, Detroit, MI	--10-14
230.	1919 -- Jan 13, Trains Collide, Fort Washington, PA (near Philadelphia)	-- 14
231.	1929 -- Aug 18, Train Derailment, Henryetta, OK	-- 14
232.	1930 -- Feb 23, Train/Car/Train Collisions, near Kenosha, WI	-- 14
233.	1935 -- Apr 12, School Bus & Train Collision, Grade-Crossing, Rockville, MD ²¹⁵²	-- 14
234.	1942 -- Sep 24, Three-Train Crash, Smith's Cut, so. of Frederick, ~Dickerson, MD	-- 14
235.	1948 -- Jan 01, Missouri Pacific Trains Collide, near Otterville and Syracuse, MO	-- 14
236.	1960 -- Mar 01, Train and Oil Tank Truck Collide, Explosion, Bakersfield, CA ²¹⁵³	-- 14
237.	1837 -- Aug 11, Trains Collide, Portsmouth & Roanoke Line, near Suffolk, VA	-- 13
238.	1853 -- Aug 12, Train Collision, Valley Falls Station, Pawtucket, RI	-- 13
239.	1886 -- Apr 07, Train Derails betw. Bardswell Ferry & W. Durfield Station, MA	-- 13
240.	1891 -- May 19, Dynamite Explosion, Construction Train, near Tarrytown, NY ²¹⁵⁴	-- 13
241.	1891 -- July 31, Train Wreck, near Louisville, KY	-- 13
242.	1891 -- Dec 24, Train Wreck, NY Central and Hudson River RR, near Hastings NY	-- 13
243.	1892 -- May 20, Passenger/freight trains collide, Crooked Bayou near Goldman, AR	-- 9-13
244.	1893 -- Aug 31, Bridge Fails, Train Wreck, near Chester, MA ²¹⁵⁵	-- 13

²¹⁵¹ Cross-listed in Road/Highway – Rail Crossing Collisions.

²¹⁵² Cross-listed in Highway-Bus.

²¹⁵³ Cross-listed in Hazardous Materials Transportation and in Road/Highway.

²¹⁵⁴ Cross-listed in Explosions and in Hazardous Materials Transportation.

²¹⁵⁵ Cross-listed in Structural Failures – Bridge/Trestles.

245. 1893 -- Oct 13, Train Collision, NYC Excursion Train, Depot, Jackson, MI -- 13
 246. 1894 -- Jan 15, Trains Collide, near Hoboken, NJ --11-13
 247. 1902 -- Aug 06, Trains Collide head-on, Work and Freight, near Rhodes, IA -- 13
 248. 1905 -- Oct 30, Atchison, Topeka & Santa Fe Train Derails near Kansas City, MO -- 13
 249. 1906 -- July 03, Runaway Mine Car Hits Pedestrians, ~Portage, PA --11-13
 250. 1912 -- July 14, Trains Collide, Western Springs, IL -- 13
 251. 1913 -- Jun 19, Electric Trains Collide, S.F., Napa & Calistoga RR, near Vallejo, CA-- 13
 252. 1918 -- Feb 25, Trains Collide, near Frost Station, SC -- 13
 253. 1920 -- Sep 06, Trains Collide, Denver & Interurban RR, ~ Globeville, CO -- 13
 254. 1924 -- Jun 01, Train Derailment/Collision, Wabash RR, Williamsport, IN -- 13
 255. 1947 -- Feb 17, Bus-Train Collision, Michigan City, IN²¹⁵⁶ -- 13
 256. 1966 -- Dec 28, Train hits stalled Oil Tank Truck at RR crossing, Fire, Everett, MA²¹⁵⁷ --13
 257. 1973 -- Jul 05, Propane Gas Railcar Fire/Explosion (Doxel Gas Co., Kingman AZ²¹⁵⁸ -- 13

RAIL Events – Deadliest American -- By MORTALITY (Cont.)

258. 1865 -- Feb 4-5, Bridge fails, train falls into Lee’s Creek, burns, ~Leesburg, OH²¹⁵⁹ --11-12
 259. 1884 -- Oct 02, Washout, Omaha RR construction Train Derails near Bayfield, WI --10-12
 260. 1884 -- Nov 13, Sabotage, Houston & TX Central Train derails, ~Hempstead, TX²¹⁶⁰ --9-12
 261. 1885 -- Oct 18, Trains collide (3), near Jersey City, NJ -- 12
 262. 1889 -- June 26, Three Trains Collide, Burn, Loyal Hanna Bridge, near Latrobe, PA--10-12
 263. 1892 -- June 25, Trains Collide, Western Express, near Union Station, Harrisburg, PA-- 12
 264. 1893 -- Sep 07, Trains Collide, Fort Wayne Route, near Colehour, IL -- 12
 265. 1898 -- Nov 18, PA Train runs-down workmen, fog, Hackensack Meadows, NJ²¹⁶¹ --11-12
 266. 1903 -- Jan 20, Trains Collide, Great Northern RR, ~Chiwakum, Chelan County, WA--≥12
 267. 1905 -- Sep 11, 9th Avenue Elevated Train Derails on 53rd Street Curve, NY, NY -- 12
 268. 1909 -- Jun 19, Trains Collide, Burns Harbor, IN -- 12
 269. 1911 -- Apr 29, Train Derails, Penn. Railroad, Martin’s Creek Station, NJ -- 12
 270. 1911 -- Dec 18, Trains Collide, Chicago, Milwaukee, St. Paul RR, Odessa, MN -- 12
 271. 1917 -- July 1, Washout under track, Trolley into Niagara Riv., Niagara Co., NY -- 12
 272. 1919 -- July 01, Trains Collide, Dunkirk, NY -- 12
 273. 1925 -- Jun 08, Train Derail, Chesapeake & OH Railway, ~ Converse, IN -- 12
 274. 1929 -- July 09, Train Derail/Hit by Train, Erie Railroad, near Corning, NY -- 12
 275. 1942 -- Jul 08, Liberty Bell Trolley, Freight Car Collide, near Norristown, PA -- 12
 276. 1976 -- Feb 7, Train hits Camper-Truck of children, grade crossing, Beckemeyer, IL²¹⁶² -12

 277. 1865 -- Aug 15, Train collision “Fairfield” and “Bridgeport,” near Bridgeport, CT -- 11
 278. 1873 -- Apr 19, Train Derail, Washed-out Bridge, Richmond Switch, RI²¹⁶³ -- 11
 279. 1875 -- July 5, Trains Collide, Long Island So. RR ~Far Rockaway Depot, LI, NY -- 11

²¹⁵⁶ Cross-listed in Highway-Bus.

²¹⁵⁷ Cross-listed in Vehicular—Road/Highway

²¹⁵⁸ Cross-listed in Explosions and in Hazardous Materials Transportation.

²¹⁵⁹ Cross-listed in Structural Failures – Railroad Bridges and Trestles.

²¹⁶⁰ Cross-listed in Violence, Sabotage.

²¹⁶¹ Cross-listed in Fog as a Contributing Factor.

²¹⁶² Cross-listed in Road/Highway.

²¹⁶³ Cross-listed in Flash Flooding as well as under Bridge Failures.

280. 1877 -- Oct 4, Tropical storm flooding, rails wash out, train derails ~Kimberton, PA²¹⁶⁴--11
 281. 1885 -- Dec 15, Train Collision, Georgia Pacific Rail, near Austell, GA -- 11
 282. 1888 -- Jun 26, Trains Collide, Penn & Schuylkill RR, Cable City, ~Shamokin PA -- 6-11
 283. 1889 -- Dec 28, C&O Train Derails, Jary's Run, near White Sulphur Springs, WV --10-11
 284. 1891 -- Aug 06, Trains Collide, Fog, West Shore Railroad, "Dutcher's Cut," NY²¹⁶⁵-- 11
 285. 1892 -- Sep 21, Train Collision, Fort Wayne Railroad, Shreve, OH -- 11
 286. 1896 -- Feb 06, Train Bridge Fails (repairmen die), Pequabuck Riv., East Bristol CT²¹⁶⁶-11
 287. 1901 -- July 11, Nickel Plate RR Bridge Collapse, Train Crash, Springfield, PA²¹⁶⁷ -- 11
 288. 1903 -- Sep 27, Train Derails at Trestle, Southern. Rail Train # 97, Danville, VA -- 11
 289. 1906 -- Jun 03, Trolley Upset, Providence, RI -- 11
 290. 1906 -- Dec 23, Passenger & Freight Trains Collide in Fog, Enderlin, ND --10-11
 291. 1910 -- Aug 08, Northwestern Pacific RR Train Crash, Ignacio, CA -- 11
 292. 1912 -- Dec 03, Trains Collide, Dresden, OH -- 11
 293. 1915 -- Oct 16, Flash Flood, Bridge Fails, Train Derails, Randolph, KS²¹⁶⁸ -- 11
 294. 1915 -- Nov 22, Trains Collide, Circus and Passenger, near Columbus, GA -- 11
 295. 1916 -- Oct 15, Trains Collide, Burlington RR, Elwood, near Smithfield, NE -- 11
 296. 1918 -- Sep 10, Trains Collide, near Birdsell, NE -- 11
 297. 1925 -- Mar 22, Trains Collide in Dense Fog, Ricohoc, LA²¹⁶⁹ -- 11
 298. 1933 -- Aug 29, Storm, Bridge Weakened, Train Wreck, Tucumcari, NM²¹⁷⁰ -- 11
 299. 1933 -- Dec 14, School Bus hit, Atlantic Coast Line Train, near Crescent City, FL²¹⁷¹-- 11
 300. 1936 -- Mar 28, Grade Crossing Collision, Bus/Central Georgia Train, Bryon GA²¹⁷²-- 11
 301. 1955 -- Aug 22, Grade Crossing, School Bus Hit by Train, Spring City, TN²¹⁷³ -- 11
 302. 1971 -- June 10, Amtrak train derails, northbound City of New Orleans, near Salem, IL--11
 303. 1977 -- Feb 04, Train Derailment, Chicago Transit Authority Elevated "L," IL -- 11
 304. 1996 -- Feb 16, MARC 286 & Amtrak 29 Trains Collide/Fire ~Silver Spring, MD -- 11
 305. 1999 -- Mar 15, Amtrak train & truck collision, grade crossing, Bourbonnais, IL²¹⁷⁴-- 11
 306. 2005 -- Jan 26, Train hits parked SUV; Derails; hits parked train, Glendale, CA²¹⁷⁵ -- 11

RAIL Events – Deadliest American -- By MORTALITY (Cont.)

307. 1865 -- Mar 07, Trains Collide, Wash. Express, Camden & Amboy RR, Bristol, NJ -- 10
 308. 1867 -- Sep 05, Branch River Bridge Fails, Naugatuck Train Fall ~Thomaston CT²¹⁷⁶-- 10
 309. 1869 -- July 14, Trains Collide, Erie Express, Mast Hope, NY -- 10
 310. 1871 -- July 25, Trains Collide, Toledo and Wabash Railroad, 16M ~St. Louis, MO -- 8-10
 311. 1882 -- Jan 13, Hudson Riv. RR 2-Train Collision, Spuyten Duyvil, NY -- 10

²¹⁶⁴ Cross-listed in Hurricanes/Tropical Storms and Remnants.

²¹⁶⁵ Cross-listed in Fog as a Contributing Factor.

²¹⁶⁶ Cross-listed in Structural Failures.

²¹⁶⁷ Cross-listed in Structural Failures – Bridge/Trestles

²¹⁶⁸ Cross-listed in Flash Flooding as well as under Bridge Failures.

²¹⁶⁹ Listed as well under Fog.

²¹⁷⁰ Cross-listed under Structural Failure (Bridge/Trestle).

²¹⁷¹ Cross-listed in Highway Incidents.

²¹⁷² Cross-listed in Highway Incidents.

²¹⁷³ Cross-listed in Highway Incidents.

²¹⁷⁴ Cross-listed in Highway Incidents.

²¹⁷⁵ Cross-listed in Vehicular/Highway, and in Violence/Manslaughter.

²¹⁷⁶ Cross-listed in Structural Failures (Bridge/Trestle)

312. 1884 -- Aug 28/29, Orton's Anglo-American Circus Train fire, near Greeley, CO -- 10
 313. 1886 -- Dec 31, Trains Collide/Fire, Southern Pacific Railroad, Devil's River, TX -- ~10
 314. 1887 -- ~Sep 22, Trains Collide, near Guthrie (Indian Territory), OK²¹⁷⁷ --?8-10
 315. 1887 -- Oct 10, Trains Collide, near Kout, IN -- 10
 316. 1888 -- Jul 12, Fat Nancy Trestle Failure/Train Wreck, ~Orange Court House VA²¹⁷⁸--9-10
 317. 1888 -- Oct 16, Trains Collide, near Tamanend switch, PA -- 10
 318. 1889 -- Jan 14, Passenger and Freight Trains collide, burn, near Tallmadge, OH -- 8-10
 319. 1890 -- Feb 02, Flooding, Trestle fails, Train cars fall, near Cascade Locks, OR²¹⁷⁹ -- 9-10
 320. 1891 -- July 12, Train Engine and train collide, scalding, near Aspen Junction, CO -- 10
 321. 1892 -- Jan 19, Train hits Clover Fishing Club Sleighing party, St Louis, MO²¹⁸⁰ -- ~10
 322. 1893 -- May 7, Runaway Train Wreck, Brake Failure, near Lafayette, IN -- 10
 323. 1893 -- Sep 23, Train Wreck, Kingsbury, IN -- 10

RAIL Events – Deadliest American -- By MORTALITY (Cont.)

324. 1903 -- Feb 19, Trolley Car with HS students, Train collide at crossing, Newark, NJ-- 9-10
 325. 1903 -- June 19, Trains Collide Head-on, Illinois Central Railroad near Raymond, IA-- 10
 326. 1903 -- Dec 21, Train Wreck, St. Louis & SF Train, Near Fort Scott, KS -- 10
 327. 1905 -- Feb 01, Sleigh and Train Collision, Shawmut Crossing, near Arkport, NY -- 10
 328. 1905 -- Aug 20, Street Car and Freight Train Crossing Collision, Butte, MT -- 10
 329. 1905 -- Dec 7, Trains collide, Union Pacific freight/Overland Ltd., ~Rock Springs WY--10
 330. 1906 -- March 26, Bridge Fails Under Train, Drownings, near Natrona, WY²¹⁸¹ -- 10
 331. 1906 -- May 04, Trains Collide, Clover Creek Junction, PA -- 10
 332. 1909 -- Aug 14, Head-on Train Collision, near Husted, CO -- 10
 333. 1910 -- Dec 19, Train Crash and Gas Explosion, Grand Central Station yard, NY²¹⁸²-- 10
 334. 1911 -- March 25, Dixie Flyer Train breaks axle, Derails on Trestle, near Ocilla, GA-- 9-10
 335. 1913 -- Nov 13, Three Train coaches derail down embankment, near Clayton, AL -- ~10
 336. 1914 -- Sep 18, Malicious Vandalism, Train Derails, Livingston, AL²¹⁸³ -- 10
 337. 1916 -- Feb 22, Three Train Collision, near Milford, CT -- 10
 338. 1918 -- June 05, Trains Collide, near Burlington, VT -- 10
 339. 1920 -- March 14, Trains Collide, near Riverside, VT -- 10
 340. 1921 -- Feb 22, Trolleys collide head-on, 5-gallon gas can ignites, fire, Shelton, CT²¹⁸⁴-- 10
 341. 1922 -- Aug 12, Train/Truck/Train Collisions, Annandale, MN -- 10
 342. 1925 -- Nov 12, Trains Collide in Fog near Monmouth Junction, NJ²¹⁸⁵ -- 10
 343. 1926 -- Sep 02, Trains Collide, near Monroe, MI -- 10
 344. 1927 -- Jan 22, Baylor Univ. Basketball Team Bus Hit by Train, Round Rock, TX²¹⁸⁶-- 10
 345. 1929 -- July 18, Flash Flood, Bridge Down, Train Wreck, Stratton, CO²¹⁸⁷ -- 10

²¹⁷⁷ Have not located sufficient material to be confident of the date or the number of fatalities.

²¹⁷⁸ Cross-listed in Structural Failures (Bridge/Trestle)

²¹⁷⁹ Cross-listed in Flooding and in Structural Failures, Rail Bridges and Trestles.

²¹⁸⁰ Cross-listed in Road/Highway.

²¹⁸¹ Cross-listed in Flood and in Structural Failures, Bridges/Trestles.

²¹⁸² Cross-listed in Explosions.

²¹⁸³ Cross-listed in Violence (other).

²¹⁸⁴ All deaths due to fire and/or suffocation.

²¹⁸⁵ Cross-listed in Fog as a Contributing Factor

²¹⁸⁶ Cross-listed in Road/Highway Incidents.

346.	1930 -- Jan 22, Train Hits School Bus, Berea, OH ²¹⁸⁸	--	10
347.	1936 -- Nov 24, L Train rear-ended, North Shore Line Interurban, Chicago, IL	--	10
348.	1937 -- Oct 22, School Bus hit by Rock Island Line Train <i>Rocket</i> , Mason City, IA ²¹⁸⁹	--	10
349.	1944 -- Sep 28 Trains Collide, North Western Railroad, near Missouri Valley, IA	--	10
350.	1944 -- Nov 08, Train Derailment, Southern Pacific Challenger, near Colfax, CA	--	9-10
351.	1950 -- Sep 02, Trains Collide, Milwaukee, WI	--	10
352.	1951 -- May 18, Penn. RR <i>Red Arrow</i> & <i>Pittsburgh Flyer</i> Collide ~Bryn Mawr PA	--	8-10
353.	1959 -- Mar 18, Car Hit by Train, Beaver creek Girlscouts, Beaver creek, OH ²¹⁹⁰	--	10
354.	1964 -- May 11, Train hits station wagon with 8 children at crossing, ~Mesa, AZ ²¹⁹¹	--	10
355.	1977 -- Oct 02, Amtrak Train hits Pickup Truck at Crossing, Plant City, FL ²¹⁹²	--	10

Other:

1893 -- Jan 18, Sleighing Party Hit by Train at grade crossing, Lonsdale, RI	--	9
1897 -- May 27, Trains Collide, American Falls station, ID	--	9
1911 -- Jul 28, Head-on Train Collision, Bangor and Aroostook RR, Grindstone, ME	--	8-9
1912 -- May 06, Train Derailment (poorly maintained roadbed) near Eastabuchie, MS	--	9
1891 -- June 19, Train Wreck, near Sauve plantation and New Orleans, LA ²¹⁹³	--	6-8
1903 -- Jan 07, Trains Collide, Cochrane station, PA	--	8
1915 -- Oct 19, Trains Collide, Agawam Curve, near Chickasha, OK	--	8
1916 -- Jan 22, Avalanche hits Cascade Lmtd. Train, Cascades, ~Corea Station, WA ²¹⁹⁴	--	7-8
1978 -- Feb 26, Train Derailment, Fog, Chlorine Release, Youngstown, FL ²¹⁹⁵	--	8
1862 -- Jan 15, Train goes into canal at open drawbridge near St. George's station, DE	--	7
1897 -- Sep 12, Train truck breaks, train derails, Iron Mt. Road, Hanson (I.T.), OK ²¹⁹⁶	--	7
1909 -- Feb 22, Trains Collide in Fog, Delmar, DE	--	7
1912 -- Oct 03, Train Derails, NY, New Haven & Hartford RR, Westport, CT	--	7
1912 -- Nov 19, Passenger Trains Collide near Granite, NC	--	7
1995 -- Oct 25, School Bus stopped at road crossing hit by Train, Fox River Grove, IL ²¹⁹⁷	--	7
1890 -- Aug 22, Runaway Gravity Car, Mt. Penn Railroad, Mt. Penn, ~Reading, PA	--	5-6
1888 -- Apr 05, Train derails, bridge damaged by ice gorge, near New Hampton, IA	--	5
1830 -- Dec, First U.S. Railroad Fatality, Baltimore & Ohio Line	--	1

²¹⁸⁷ Cross-listed in Structural Failures (Bridge), and under Flash Flooding

²¹⁸⁸ Cross-listed in Road/Highway Incidents.

²¹⁸⁹ Cross-listed in Road/Highway Incidents.

²¹⁹⁰ Cross-listed in Road/Highway Incidents.

²¹⁹¹ Cross-listed in Road/Highway.

²¹⁹² Cross-listed in Vehicular/Road/Highway.

²¹⁹³ Six reportedly killed in scant report of a "wreck" on June 19 and 2 survivors dying of injuries the next day.

²¹⁹⁴ Cross-listed in Avalanche.

²¹⁹⁵ Cross-listed in Hazardous Materials.

²¹⁹⁶ Sources consulted note that it was thought that two injured would also die, but we have not been able to verify.

²¹⁹⁷ Cross-listed in Vehicular/Road/Highway.

RAIL –Train, Electric Rail, Streetcar, Trolley Events– Deadliest US– **CHRONOLOGICAL**

	1830 -- Dec, First U.S. Railroad Fatality, Baltimore & Ohio Line	--	1
1.	1837 -- Aug 11, Trains Collide, Portsmouth & Roanoke Line, near Suffolk, VA	--	13
2.	1853 -- Apr 25, Trains Collide/Negligence/Competition, Grand Crossing, Chicago, IL	--	21
3.	1853 -- May 6, New Haven Rail Train Goes Into River, South Norwalk, CT	--	40-56
4.	1853 -- Aug 12, Train Collision, Valley Falls Station, Pawtucket, RI	--	13
5.	1854 -- July 04, Two-Train Collision, Near Relay House, Baltimore, MD	--	30
6.	1854 -- Nov 01, Train Derailment, Chicago for Rock Island, IL	--	40
7.	1855 -- Aug 29, RR Crossing Crash & Derailment, North PA RR, Burlington, NJ	--	25
8.	1855 -- Nov 01, Bridge Failure Under Excursion Train, Gasconade, MO ²¹⁹⁸	--	20-31
9.	1856 -- July 17, Great Train Wreck, N. PA Railroad, Camp Hill/Ft. Washington, PA	--	66-67
10.	1859 -- Jun 28, Springbrook Bridge Fails Under Train, Mishawaka, IN	--	41
11.	1859 -- Nov 01, Train Derails, Johnson Creek, WI	--	14
12.	1859 -- Dec 31, Train and Bridge Disaster, near Columbus, GA	--	14
	1862 -- Jan 15, Train goes into canal at open drawbridge near St. George's station, DE	--	7
13.	1864 -- July 15, Head-on Erie RR war-prisoner train/PA coal Train crash ~Shohola PA	--	≥74
14.	1864 -- Sep 01, Confederate Wounded Train Collision, Barnesville, GA	--	~ 30
15.	1864 -- Sep 27, Train Robbery/Murders, Bill Anderson/Jesse James, Centralia MO ²¹⁹⁹	--	22-27
16.	1865 -- Feb 4-5, Bridge fails, train falls into Lee's Creek, burns, ~Leesburg, OH ²²⁰⁰	--	11-12
17.	1865 -- Mar 07, Trains Collide, Wash. Express, Camden & Amboy RR, Bristol, NJ	--	10
18.	1865 -- Aug 15, Train collision "Fairfield" and "Bridgeport," near Bridgeport, CT	--	11
19.	1867 -- Sep 05, Branch River Bridge Fails, Naugatuck Train Fall ~Thomaston CT ²²⁰¹	--	10
20.	1867 -- Dec 11, Train goes into River, Central VT Railroad, near Northfield, VT	--	15-20
21.	1867 -- Dec 18, Lake Shore and Michigan Southern Derailment/Fire, Angola NY	--	39-50
22.	1868 -- Apr 15, Broken Rail Train Derails/Fire, Carr's Rock, Pike County, PA	--	22-26
23.	1869 -- July 14, Trains Collide, Erie Express, Mast Hope, NY	--	10
24.	1870 -- May 12, Train Collision, Missouri Pacific RR, near Eureka, MO	--	25
25.	1871 -- Feb 06, Train Collision, Wappingers Creek, New Hamburg, NY	--	22
26.	1871 -- July 03, Bridge Fails under Train, Harpeth River, near Nashville, TN ²²⁰²	--	15
27.	1871 -- July 25, Trains Collide, Toledo and Wabash Railroad, 16M ~St. Louis, MO	--	8-10
28.	1871 -- Aug 26, Trains Collide, Eastern RR of Mass., Revere Station ~Boston MA	--	29-32
29.	1872 -- Dec 24, Train Derailment and Fire, near Prospect Station, Goose Creek, NY	--	19-25
30.	1873 -- Apr 19, Train Derail, Washed-out Bridge, Richmond Switch, RI ²²⁰³	--	11
31.	1873 -- Aug 16, Trains Collide, Chicago and Alton Railroad, Lemont, IL	--	14
32.	1875 -- July 05, Trains Collide, Long Island So. RR ~Far Rockaway Depot, LI, NY	--	11

²¹⁹⁸ Cross-listed in Structural Failures – Bridges/Trestles.

²¹⁹⁹ Cross-listed in Violence-Civil War Atrocities/War Crimes and in Violence-Mass Murder. "Several" or "some" of the fatalities, which we translate as "3" were Centralia residents, not train passengers. The range for train killed generally runs from 22-25, mostly unarmed Union soldiers.

²²⁰⁰ Cross-listed in Structural Failures – Railroad Bridges and Trestles.

²²⁰¹ Cross-listed in Structural Failures (Bridge/Trestle)

²²⁰² Cross-listed in Structural Failures – Bridges/Trestles.

²²⁰³ Cross-listed in Flash Flooding and in Structural Failures – Bridges/Trestles.

- 33. 1876 -- Mar 06, Bridge Fails under Train, Valley Div., B&O, Shenandoah Co., VA²²⁰⁴ -- 15
- 34. 1876 -- Dec 29, Bridge Collapse Under Train *Pacific Express*, Ashtabula, OH²²⁰⁵ -- 100
- 35. 1877 -- Aug 29, Bridge washout, Train goes into Little Four Mile Creek, ~Des Moines, IA²²⁰⁶-- 20
- 36. 1877 -- Oct 4, Tropical storm flooding, rails wash out, train derails ~Kimberton, PA²²⁰⁷-- 11
- 37. 1878 -- Jan 14, Bridge Failure, Train Crash, CT Western RR, Tariffville, CT -- 17
- 38. 1878 -- Aug 07, Train Collision, Panhandle Rail, near Mingo Junction, OH -- 15
- 39. 1878 -- Oct 08, Train Derailment, Old Colony Road, Wollaston, near Boston, MA -- 19
- 40. 1879 -- Oct 09, Rear-end Train Collision, Michigan Central RR, Jackson, MI -- 30

RAIL—Train, Electric Rail, Streetcar, Trolley Events—Deadliest U.S.—Chronological (Cont.)

- 41. 1880 -- Aug 11, Trains Collide, West Jersey & Atlantic Railroad, Mays Landing, NJ --23-26
- 42. 1880 -- Oct 9, Trains Collide, Pennsylvania Railroad, Pittsburgh, PA --27-32

- 43. 1882 -- Jan 13, Hudson Riv. RR 2-Train Collision, Spuyten Duyvil, NY -- 10

- 44. 1883 -- Jan 19/20, Southern Pacific Railroad Train Derails, near Tehachapas, CA --14-25
- 45. 1883 -- Jan 23, Train Derails, Georges Creek & Cumberland Rd., (~Cumberland), WV-- 15
- 46. 1883 -- Mar 30, Train Accident, Cincinnati So. Rail, Mason’s Station, OH -- 53
- 47. 1883 -- June 23, Trains Collide, Northern Pacific RR, Heron Station, MT -- 24
- 48. 1883 -- July 27, “Thousand Islands” Passenger Train hits Railcar, Carlton, NY --17-23

- 49. 1884 -- May 14, Trains Collide, Baltimore & Ohio RR, near Connellsville, PA -- 14
- 50. 1884 -- Aug 28/29, Orton’s Anglo-American Circus Train fire, near Greeley, CO -- 10
- 51. 1884 -- Oct 02, Washout, Omaha RR construction Train Derails near Bayfield, WI --10-12
- 52. 1884 -- Nov 13, Sabotage, Houston & TX Central Train derails, ~Hempstead, TX²²⁰⁸ -- 9-12

- 53. 1885 -- Oct 18, Trains collide (3), near Jersey City, NJ -- 12
- 54. 1885 -- Dec 15, Train Collision, Georgia Pacific Rail, near Austell, GA -- 11

- 55. 1886 -- Apr 07, Train Derails between Bardswell Ferry & W. Durfield Station, MA -- 13
- 56. 1886 -- Sep 14, Trains Collide, Nickel-Plate Railroad, Silver Creek, NY -- 20
- 57. 1886 -- Oct 28, Train Derailment and Fire, near East Rio, WI -- 22
- 58. 1886 -- Dec 31, Trains Collide/Fire, Southern Pacific Railroad, Devil’s River, TX -- ~10

- 59. 1887 -- Jan 04, Freight and Passenger Trains Collide Head-on, Fire, Republic, OH -- ~20
- 60. 1887 -- Feb 05, Train Derails/Fire, Woodstock Bridge, White River, ~Hartford, VT -- >40
- 61. 1887 -- Mar 14, Busey Bridge Collapses Under Train, Roslindale, MA²²⁰⁹ --23-37
- 62. 1887 -- July 21, Train Runs Into Work-Gang, Erie Railroad, near Hohokus, NY -- 15
- 63. 1887 -- July 27, Trains Collide, Chicago/Alton RR, between Hopedale & Delavan, IL -- 15

²²⁰⁴ Cross-listed in Structural Failures – Brides/Trestles.

²²⁰⁵ Cross-listed in Structural Failures -- Bridges/Trestles.

²²⁰⁶ Cross-listed in Rail. Storm heavy rainfall led to flooding which washed out the train bridge.

²²⁰⁷ Cross-listed in Hurricanes/Tropical Storms and Remnants.

²²⁰⁸ Cross-listed in Violence, Sabotage

²²⁰⁹ Cross-listed in Structural Failures, Bridges.

64. 1887 -- Aug 10, Great Chatsworth (IL) Trestle Failure/Train Wreck²²¹⁰ -- 85
 65. 1887 -- Sep 22~, Trains Collide, near Guthrie (Indian Territory), OK²²¹¹ --?8-10
 66. 1887 -- Oct 10, Train Collision, near Kout, IN -- 10

RAIL—Train, Electric Rail, Streetcar, Trolley Events—Deadliest U.S.—Chronological (Cont.)

67. 1888 -- Jan 10, Train Derailment, Merrimac Riv. Bridge, Haverhill, MA -- 9-14
 68. 1888 -- Mar 17, Train Derails, Trestle Collapse, W. India Fast Mail Blackshear GA²²¹²-25-27
 1888 -- Apr 05, Train derails, bridge damaged by ice gorge, near New Hampton, IA -- 5
 69. 1888 -- Jun 26, Trains Collide, Penn & Schuylkill RR, Cable City, ~Shamokin PA -- 6-11
 70. 1888 -- July 12, Fat Nancy Trestle Failure, Train Wreck, ~Orange Court House, VA -- 9-10
 71. 1888 -- July 22, Trains Collide, Forest Depot, near Lynchburg, VA --13-20
 72. 1888 -- Oct 10, Lehigh Valley RR Trains Collide, Mud Run, Carbon County, PA --64-66
 73. 1888 -- Oct 16, Trains Collide, near Tamanend switch, PA -- 10
74. 1889 -- Jan 14, Passenger and Freight Trains collide, burn, near Tallmadge, OH -- 8-10
 75. 1889 -- Apr 28, Train Derails, Burns, Hamilton, Ontario, Canada --20; US 13-18
 76. 1889 -- June 26, Three Trains Collide, Burn, Loyal Hanna Bridge, near Latrobe, PA --10-12
 77. 1889 -- July 02, Flash Flood, Washout/Train Derailment, Fire, near Thaxton, VA²²¹³ -- 17
 78. 1889 -- Dec 28, C&O Train Derails, Jary's Run, near White Sulphur Springs, WV --10-11
79. 1890 -- Feb 02, Flooding, Trestle fails, Train cars fall, near Cascade Locks, OR²²¹⁴ -- 9-10
 80. 1890 -- May 30, Train Falls through open Drawbridge, Drownings, Oakland, CA -- 29
 81. 1890 -- Aug 19, Train Derails, Cape Cod Express, Old Colony RR, ~Quincy, MA -- 23
 1890 -- Aug 22, Runaway Gravity Car, Mt. Penn Railroad, Mt. Penn, ~Reading, PA -- 5-6
 82. 1890 -- Sep 19, Three Train Collision, Shoemakersville, Berks County, PA -- 22
83. 1891 -- May 19, Dynamite Explosion, Construction Train, near Tarrytown, NY²²¹⁵ -- 13
 1891 -- June 19, Train Wreck, near Sauve plantation and New Orleans, LA²²¹⁶ -- 6-8
 84. 1891 -- July 03, Freight and Passenger Trains Collide, Burn, at depot, Ravenna, OH -- 19
 85. 1891 -- July 4, Train cars go through fire-damaged trestle, Farm Sta., ~Charleston, WV-- ≥14
 86. 1891 -- July 12, Train Engine and train collide, scalding, near Aspen Junction, CO -- 10
 87. 1891 -- July 31, Train Wreck, near Louisville, KY -- 13
 88. 1891 -- Aug 06, Trains Collide, Fog, West Shore Railroad, "Dutcher's Cut," NY²²¹⁷ -- 11
 89. 1891 -- Aug 27, Train Derails off Boston's Bridge, near Statesville, NC -- 20
 90. 1891 -- Dec 24, Train Wreck, NY Central and Hudson River RR, near Hastings, NY -- 13
91. 1892 -- Jan 19, Train hits Clover Fishing Club Sleighing party, St Louis, MO²²¹⁸ -- ~10

²²¹⁰ Cross-listed in Structural Failures, Bridges.

²²¹¹ Have not located sufficient material to be confident of the date or the number of fatalities.

²²¹² Cross-listed in Structural Failures, Rail Bridges and Trestles.

²²¹³ Cross-listed in Flash Flooding.

²²¹⁴ Cross-listed in Flooding and in Structural Failures, Rail Bridges and Trestles.

²²¹⁵ Cross-listed in Explosions and in Hazardous Materials Transportation.

²²¹⁶ Six reportedly killed in scant report of a "wreck" on June 19 and 2 survivors dying of injuries the next day.

²²¹⁷ Cross-listed in Fog as a Contributing Factor.

²²¹⁸ Cross-listed in Road/Highway.

92. 1892 -- May 20, Passenger/freight trains collide, Crooked Bayou near Goldman, AR -- 9-13
 93. 1892 -- June 25, Trains Collide, Western Express, near Union Station, Harrisburg, PA-- 12
 94. 1892 -- Sep 07, Train Wreck, near Eckenrode Mills, PA -- 14
 95. 1892 -- Sep 21, Train Collision, Fort Wayne Railroad, Shreve, OH -- 11

RAIL – Train, Electric Rail, Streetcar, Trolley Events – CHRONOLOGICAL (Cont.)

- 1893 -- Jan 18, Sleighing Party Hit by Train at grade crossing, Lonsdale, RI²²¹⁹ -- 9
 96. 1893 -- Jan 21, Express Train Collides into Oil Cars/fire/explos., Wann, ~Alton, IL²²²⁰ --33
 97. 1893 -- May 7, Runaway Train Wreck, Brake Failure, near Lafayette, IN -- 10
 98. 1893 -- Aug 26, Trains Collide, Harlem Road, Berlin, NY -- 16
 99. 1893 -- Aug 31, Bridge Fails, Train Wreck, near Chester, MA²²²¹ -- 13
 100. 1893 -- Sep 07, Trains Collide, Fort Wayne Route, near Colehour, IL -- 12
 101. 1893 -- Sep 23, Train Wreck, Kingsbury, IN -- 10
 102. 1893 -- Oct 13, Train Collision, NYC Excursion Train, Depot, Jackson, MI -- 13
 103. 1893 -- Oct 20, Trains Collide, Fire, Battle Creek, MI -- 26

 104. 1894 -- Jan 15, Trains Collide, near Hoboken, NJ --11-13

 105. 1895 -- Nov 16, Streetcar goes into Cuyahoga River, Cleveland, OH -- 17

 106. 1896 -- July 11, Trains Collide head-on, Chicago & Northwestern RR, Logan, IA -- 30
 107. 1896 -- July 30, Two-Train Collision, Atlantic City, NJ -- 50

 1897 -- May 27, Trains Collide, American Falls station, ID -- 9
 108. 1897 -- Sep 08, Trains Collide, Santa Fe Railroad, near Emporia, KS -- 30
 109. 1897 -- Sep 10, Trains Collide, Fire, near Newcastle, CO -- 30
 1897 -- Sep 12, Train truck breaks, train derails, Iron Mt. Road, Hanson (I.T.), OK²²²²-- 7
 110. 1897 -- Oct 24, Train Wreck, New York Central & Hudson River RR, Garrison, NY-- 19

 111. 1898 -- Sep 5, Troy City Rail Car/D&H Train Collide, Cohoes Crossing, Albany, NY-- 18
 112. 1898 -- Nov 18, PA Train runs-down workmen, fog, Hackensack Meadows, NJ²²²³ --11-12

 113. 1899 -- Jan 09, Trains Collide, Lehigh Valley Railroad near West Dunellen, NJ -- 17
 114. 1899 -- May 12, Trains Collide, Philadelphia & Reading Railroad, Exeter, PA -- 29
 115. 1899 -- Aug 06, Train Derailment, Peck's Mill Pond, Oronoque ~ to Bridgeport, CT-- 36

 116. 1900 -- Jun 23, Cloudburst, Trestle Washout/Train Wreck/Fire, ~McDonough GA²²²⁴-- 37
 117. 1900 -- July 04, Trolley Car Derails, Tacoma, WA -- 43
 118. 1900 -- Sep 2, Milk and Excursion Trains Collide, Reading RR, Hatfield, PA --13-14

²²¹⁹ Cross-listed in Road/Highway.

²²²⁰ Cross-listed in Hazardous Materials incidents.

²²²¹ Cross-listed in Structural Failures – Brides/Trestles.

²²²² Sources consulted note that it was thought that two injured would also die, but we have not been able to verify.

²²²³ Cross-listed in Fog as a Contributing Factor.

²²²⁴ Cross-listed in Structural Failure-Trestle and Flooding.

119. 1900 -- Aug 12, Train hits horse-drawn coach at grade crossing ~Slatington, PA²²²⁵ --13-15

RAIL – Train, Electric Rail, Streetcar, Trolley Events – CHRONOLOGICAL (Cont.)

120. 1901 -- Feb 21, “Nellie Bly” Train collision/fire, Rusling’s Siding, ~Bordentown, NJ-- 17
121. 1901 -- June 26, Trestle Fails under Train, weakened by recent rain, near Peru, IN²²²⁶ -- 16
122. 1901 -- July 10, Trains Collide head-on, Chicago & Alton Road, ~Norton, MO --21-23
123. 1901 -- July 11, Nickel Plate RR Bridge Collapse, Train Crash, Springfield, PA²²²⁷ -- 11
124. 1901 -- Aug 29, Train Derails, Sodus Bay Division, near Newark, NY --14-15
125. 1901 -- Aug 30, Runaway freight cars collide with train, fire ~Nyack station, MT --36-41
126. 1901 -- Nov 27, Passenger Trains Collide, Wabash Railroad, near Seneca, MI --75-100
127. 1902 -- Jan 8, Trains Collide, “New Rochelle Car,” Park Avenue Tunnel, NYC -- 17
128. 1902 -- Mar 07, Passenger Train Derails (broken rail), burns, ~Maxon Station, TX -- 15
129. 1902 -- May 12, Explosion, Freight Train Oil and Naphtha Cars, Sheraden, PA²²²⁸ --20-29
130. 1902 -- July 4, Trolleys Collide, Mt. Lake RR, Bleecker Mt. ~Gloversville, NY --13-14
131. 1902 -- Aug 06, Trains Collide head-on, Work and Freight, near Rhodes, IA -- 13
132. 1902 -- Sep 01, Excursion Train Derailment, Southern Railway, near Berry, AL -- 30
133. 1902 -- Dec 20, Train Collision, Stockton Flyer/LA Owl, Bryon Springs, CA -- 20
- 1903 -- Jan 07, Trains Collide, Cochrane station, PA -- 8
134. 1903 -- Jan 20, Trains Collide, Great Northern RR, ~Chiwakum, Chelan County, WA--≥12
135. 1903 -- Jan 27, Trains Collide/burn, NJ Central RR, ~Graceland and Plainfield, NJ --23-24
136. 1903 -- Jan 28, Trains Collide/burn on Southern Pacific, Esmond, near Tucson, AZ -- ≥14
137. 1903 -- Feb 19, Trolley Car with HS students, Train collide at crossing, Newark, NJ-- 9-10
138. 1903 -- Mar 09, Train Wreck/Fire, delayed Oil/Gasoline Tanker Explos., Olean, NY²²²⁹-17
139. 1903 -- Jun 19, Trains Collide Head-on, Illinois Central Railroad near Raymond, IA-- 10
140. 1903 -- Jul 07, Trains Collide, Rockfish Depot, 20 miles S of Charlottesville, VA --23-24
141. 1903 -- Aug 07, Wallace Circus Trains Collide, Grand Trunk Railroad, Durand, MI --24-26
142. 1903 -- Sep 27, Train Derails at Trestle, Southern. Railway Train # 97, Danville, VA-- 11
143. 1903 -- Oct 17, Fog, Work Trains Collide, Washington Crossing, near Trenton, NJ²²³⁰ -- 17
144. 1903 -- Oct 31, Purdue Football Team Train Wreck, 18th St., Indianapolis, IN -- 17
145. 1903 -- Nov 14, Trains Collide and Burn, Illinois Central RR, near Kentwood, LA --30-40
146. 1903 -- Nov 19, Big Four Railway Freight and Work Trains Collide near Tremont, IL-- 20
147. 1903 -- Dec 21, Train Wreck, St. Louis & SF Train, Near Fort Scott, KS -- 10
148. 1903 -- Dec 23, Train Derailment, Baltimore & Ohio Railroad, Connelsville, PA -- 64
149. 1903 -- Dec 26, Trains Collide, Pere Marquette RR, near Grand Rapids, MI -- 22
150. 1904 -- Jan 06, Two Rock Island Trains Collide, near Willard & Topeka, KS -- 20
151. 1904 -- Feb 19, Trains Collide, Dynamite Explodes, Jackson Station, NV -- 24

²²²⁵ Cross-listed in Road/Highway -- Rail Crossing Collisions.

²²²⁶ Cross-listed in Structural Failure- Trestle Failure

²²²⁷ Cross-listed in Structural Failures – Bridge/Trestles

²²²⁸ Cross-listed in Explosions and in Hazardous Materials incidents.

²²²⁹ Cross-listed in Explosions and in Hazardous Materials.

²²³⁰ Cross-listed in Fog as a Contributing Factor.

152. 1904 -- July 03, Train Derails, Wabash Railroad, Litchfield, IL -- 20
 153. 1904 -- Jul 10, Trains Collide, Greenwood Lake Div, Erie R.R., Midvale, NJ -- 17
 154. 1904 -- Aug 07, Train Trestle Fails, Train Wreck, Eden/Pueblo, CO²²³¹ -- ~83-116
 155. 1904 -- Sep 24, Head-on Train Collision, Southern Railroad, New Market, TN -- 62
 156. 1904 -- Oct 10, Train Collision, Freight/Passenger, near Warrensburg, MO --27-29

RAIL – Train, Electric Rail, Streetcar, Trolley Events – **CHRONOLOGICAL** (Cont.)

157. 1905 -- Feb 01, Sleigh and Train Collision, Shawmut Crossing, near Arkport, NY -- 10
 158. 1905 -- May 11, Trains Collide, Blasting Powder Explodes/Fire, SE Harrisburg PA²²³² -- 23
 159. 1905 -- June 17, Trains Collide, Western MD Road, near Patapsco Station, MD --23-26
 160. 1905 -- June 21, Sabotage, Train Derails, Twentieth Century Ltd., Mentor OH²²³³ --19-21
 161. 1905 -- Aug 13, Trains Collide, Nickel Plate Road, Kishman, OH --12-15
 162. 1905 -- Aug 17, Train goes into Elizabeth River, Atlantic Coast Line, Bruce, VA -- 15
 163. 1905 -- Aug 20, Street Car and Freight Train Crossing Collision, Butte, MT -- 10
 164. 1905 -- Sep 11, 9th Avenue Elevated Train Derails on 53rd Street Curve, NY, NY -- 12
 165. 1905 -- Oct 30, Atchison, Topeka & Santa Fe Train Derails near Kansas City, MO -- 13
 166. 1905 -- Nov 26, Trains Collide, Bakers Bridge, MA --17-20
 167. 1905 -- Dec 7, Trains collide, Union Pacific freight/Overland Ltd., ~Rock Springs WY--10
168. 1906 -- Mar 16, Denver & R.G. Passenger Trains Collide, Adobe, CO -- 22
 169. 1906 -- Mar 26, Bridge Fails Under Train, Drownings, near Natrona, WY²²³⁴ -- 10
 170. 1906 -- May 04, Trains Collide, Clover Creek Junction, PA -- 10
 171. 1906 -- Jun 03, Trolley Upset, Providence, RI -- 11
 172. 1906 -- July 03, Runaway Mine Car Hits Pedestrians, ~Portage, PA --11-13
 173. 1906 -- July 22, Passenger and Freight Trains Collide near Hamlet, NC --20-22
 174. 1906 -- Oct 28, Train Derails into Tidal Channel, Atlantic City, NJ --57-62
 175. 1906 -- Nov 12, Trains Collide, Baltimore & Ohio Railroad, near Woodville, IN --44-50
 176. 1906 -- Dec 23, Passenger & Freight Trains Collide in Fog, Enderlin, ND --10-11
 177. 1906 -- Dec 30, Trains Collide, Terra Cotta (now Fort Totten) Station, Wash. DC --53-59
178. 1907 -- Jan 2, Rock Island RR Trains 29#2 & 30 Collide, Fire, near Volland, KS --32-35
 179. 1907 -- Jan 19, Train Car Explosion (Powder), Big Four Railroad, Sandford IN²²³⁵ --29-34
 180. 1907 -- Jan 19, Trains Collide in Fog, Big Four Line, Fowler, IN²²³⁶ --23-29
 181. 1907 -- Feb 16, Electric Train Derailment, Harlem Div., NY Central Rail, Bronx --23-24
 182. 1907 -- Mar 28, Train Derails, Sunset Express, Southern Pacific Rail, Colton, CA --24-28
 183. 1907 -- May 11, Train Derails, Coast Line, Southern Pacific RR, ~Honda, CA --32-40
 184. 1907 -- July 20, Excursion/Freight Trains Collide, Pere Marquette RR, ~Salem MI --31-32
 185. 1907 -- Aug 30, Electric Trains Collide (Trolley & Express), near Charleston, IL -- 14
 186. 1907 -- Sep 15, Trains Collide, near Canaan, NH -- 25

²²³¹ Cross-listed in Structural Failures, Bridges.

²²³² Cross-listed in Explosions and in Hazardous Materials.

²²³³ Cross-listed in Violence Subsections Mass Murder and Sabotage.

²²³⁴ Cross-listed in Flood and in Structural Failures, Bridges/Trestles.

²²³⁵ Cross-listed in Explosions.

²²³⁶ Cross-listed in Fog as a Contributing Factor.

187. 1908 -- Sep 25, Snowstorm, Trains Collide, Young's Point, near Park City, MT -- 20
 188. 1908 -- Oct 15, Wildfire, Relief Train derails, burns, Nowicki Siding ~Metz, MI²²³⁷ --15-16

RAIL – Train, Electric Rail, Streetcar, Trolley Events – CHRONOLOGICAL (Cont.)

189. 1909 -- Jan 15, Train Collision, Denver and Rio Grande RR, Dotsero, CO -- 21
 190. 1909 -- Jun 19, Trains Collide, Burns Harbor, IN -- 12
 1909 -- Feb 22, Trains Collide in Fog, Delmar, DE -- 7
 191. 1909 -- July 31, Electric Trains Collide Head-on, Gibbs, near Coeur d'Alene, ID -- 16
 192. 1909 -- Aug 14, Head-on Train Collision, near Husted, CO -- 10
 193. 1909 -- Oct 08, Trains Collide, Topeka, KS -- 17
 194. 1909 -- Dec 15, Train Derailment, Reedy Fork trestle, near Greensboro, NC --12-16

 195. 1910 -- Mar 01, Avalanche, two Trains Derailed, Stevens Pass, Wellington, WA²²³⁸-- 118
 196. 1910 -- Mar 21, Train Derailment, Rock Island, RR, Green Mt, Gladbrook, IA -- 49
 197. 1910 -- July 04, Head-on Train Collision, Middletown, OH -- 23
 198. 1910 -- Aug 08, Northwestern Pacific RR Train Crash, Ignacio, CA -- 11
 199. 1910 -- Sep 21, Interurban Electric Train Car (Trolley) Crash, Kingsland, IN --39-42
 200. 1910 -- Oct 04, Traction (Electric) Trains Collide, near Staunton, IL -- 37
 201. 1910 -- Dec 19, Train Crash/Gas Explosion, Grand Central Station yard, NY²²³⁹ -- 10

 202. 1911 -- Mar 25, Dixie Flyer Train Breaks Axle, Derails on Trestle, near Ocilla, GA -- 9-10
 203. 1911 -- Apr 29, Train Derails, Penn. Railroad, Martin's Creek Station, NJ -- 12
 204. 1911 -- May 29, Trains Collide/Fog, Chicago, Burlington & Quincy RR, McCook, NE-- 18
 205. 1911 -- July 11, Train Derailment, Burr Crossing, Bridgeport, CT -- 14
 1911 -- Jul 28, Head-on Train Collision, Bangor and Aroostook RR, Grindstone, ME-- 8-9
 206. 1911 -- Aug 25, Train Derailment, Lehigh Valley Rail Road, Manchester, NY -- 29
 207. 1911 -- Sep 24, Train Collision with Hay Wagon at Crossing, Neenah, WI²²⁴⁰ -- 15
 208. 1911 -- Oct 28, Train Wreck, Union Pacific Railroad, near Cheyenne, WY -- 20
 209. 1911 -- Dec 18, Trains Collide, Chicago, Milwaukee, St. Paul RR, Odessa, MN -- 12

 210. 1912 -- Mar 18, Boiler Explos., Train Engine, So. Pacific Yard, San Antonio TX²²⁴¹-- 36
 1912 -- May 06, Train Derailment (poorly maintained roadbed) near Eastabuchie, MS-- 9
 211. 1912 -- July 04, Train Collision, Lackawanna Express, East Corning, NY -- 41
 212. 1912 -- July 05, Train Collision, Ligonier Valley Railroad, Ligonier, PA -- 23
 213. 1912 -- July 14, Trains Collide, Western Springs, IL -- 13
 1912 -- Oct 03, Train Derails, NY, New Haven & Hartford RR, Westport, CT -- 7
 214. 1912 -- Nov 11, Trains Collide, Montz, LA -- 15
 215. 1912 -- Nov 13, Trains Collide, Indianapolis, IN -- 15
 1912 -- Nov 19, Passenger Trains Collide near Granite, NC -- 7

²²³⁷ Cross-listed in Fire – Wildfires/Forest Fires. Total loss of life was 37-47.

²²³⁸ Cross-listed in Avalanche.

²²³⁹ Cross-listed in Explosions.

²²⁴⁰ Cross-listed in Road/Highway – Rail Crossing Collisions

²²⁴¹ Cross-listed in Explosions.

216. 1912 -- Dec 03, Trains Collide, Dresden, OH -- 11

RAIL – Train, Electric Rail, Streetcar, Trolley Events – CHRONOLOGICAL (Cont.)

217. 1913 -- Jun 19, Electric Trains Collide, S.F., Napa & Calistoga RR, near Vallejo, CA-- 13
218. 1913 -- July 13, Pacific Electric RR Trains Collide, ~Vineyard Station, L.A., CA -- 16
219. 1913 -- Sep 02, Trains Collide, North Haven CT -- 21
220. 1913 -- Oct 19, Train Derailment, Buckatunna, MS -- 17
221. 1913 -- Nov 13, Three Train coaches derail down embankment, near Clayton, AL -- ~10
222. 1914 -- Aug 05, Trains Collide/Fire, KC and S. MO RR, Tipton Ford/Joplin, MO -- 43
223. 1914 -- Sep 15, Flooding, Bridge Washout & Train Derailment, Lebanon, MO²²⁴² -- 28
224. 1914 -- Sep 18, Malicious Vandalism, Train Derails, Livingston, AL²²⁴³ -- 10
225. 1915 -- Sep 27, Rail Tank Car Gasoline Explosion, Ardmore, OK²²⁴⁴ --40-44
226. 1915 -- Oct 16, Flash Flood, Bridge Fails, Train Derails, Randolph, KS²²⁴⁵ -- 11
1915 -- Oct 19, Freight & Pass. Trains Collide, Agawam Curve, near Chickasha, OK-- 8
227. 1915 -- Nov 22, Trains Collide, Circus and Passenger, near Columbus, GA -- 11
228. 1916 -- Feb 22, Three Train Collision, near Milford, CT -- 10
229. 1916 -- Mar 29, Three Train Collision in Fog, NY Central RR, ~ Amherst, OH²²⁴⁶ -- 27
230. 1916 -- Aug 12, Runaway Trolley Car Collision, ~Ebensburg and Johnstown, PA --26-27
231. 1916 -- Oct 01, Freight Train/Street Car (Trolley) Crossing Collision, Detroit, MI --10-14
232. 1916 -- Oct 15, Trains Collide, Burlington RR, Elwood, near Smithfield, NE -- 11
233. 1916 -- Nov 7, Train goes through open drawbridge, ~ South Station, Boston, MA -- 50
234. 1917 -- Feb 27, Trains Collide in Fog, Pennsylvania RR, Mount Union, PA²²⁴⁷ -- 20
235. 1917 -- July 1, Washout under track, Trolley into Niagara Riv., Niagara Co., NY -- 12
236. 1917 -- Sep 28, Trains Collide, near Kellyville, OK -- 33
237. 1917 -- Aug 13, Trains Collide, near North Branford, CT -- 19
238. 1917 -- Dec 20, Train Collision, Shepherdsville, KY -- 51
239. 1918 -- Jan 14, Train Derailment and Collision, Hammond, TX -- 17
240. 1918 -- Feb 25, Trains Collide, near Frost Station, SC -- 13
241. 1918 -- Jun 05, Trains Collide, near Burlington, VT -- 10
242. 1918 -- Jun 22, Trains Collide, Hammond Circus Train Wreck, Ivanhoe, IN -- 86
243. 1918 -- July 9, “Great Nashville Tennessee” Train Wreck (rear-end collision) TN -- 89-101
244. 1918 -- July 20, Trains Collide, near Chelsea, MI -- 15
245. 1918 -- Sep 10, Trains Collide, near Birdsell, NE -- 11

²²⁴² Cross-listed in Flooding

²²⁴³ Cross-listed in Violence (other).

²²⁴⁴ Cross-listed in Explosions and in Hazardous Materials.

²²⁴⁵ Cross-listed in Flash Flooding and in Structural Failures, Bridges.

²²⁴⁶ Cross listed in Fog as a Contributing Factor.

²²⁴⁷ Cross-listed in Fog as a Contributing Factor.

246. 1918 -- Sep 17, Trains Collide, near Marshfield, MO -- 15
 247. 1918 -- Oct 03, Train Runs into Passengers in Fog, East Bedford, OH²²⁴⁸ -- 20
 248. 1918 -- Nov 01, Rapid Transit Train Derailment, Brooklyn, NY -- 97

RAIL – Train, Electric Rail, Streetcar, Trolley Events – CHRONOLOGICAL (Cont.)

249. 1919 -- Jan 12, Trains Collide (rear-end), NY Central Railroad, South Byron, NY --20-22
 250. 1919 -- Jan 13, Trains Collide, Fort Washington, PA (near Philadelphia) -- 14
 251. 1919 -- July 01, Trains Collide, Dunkirk, NY -- 12
 252. 1919 -- Aug 14, Train & Street Car Collide, Parmaco, near Parkersburg, WV -- 15
 253. 1919 -- Nov 1, Train Hits “Auto Truck” at Grade Crossing, Clarksboro, NJ --14-16
 254. 1919 -- Dec 20, Trains Collide/Fire, near Onawa, ME --23-24
255. 1920 -- Mar 14, Trains Collide, near Riverside, VT -- 10
 256. 1920 -- Jun 09, Trains Collide, near Schenectady, NY -- 15
 257. 1920 -- Jul 03, Trains Collide, Lackawanna & WY Valley RR, South Pittston, PA -- 17
 258. 1920 -- Sep 06, Trains Collide, Denver & Interurban RR, ~ Globeville, CO -- 13
259. 1921 -- Feb 22, Trolleys collide head-on, 5-gallon gas can ignites, fire, Shelton, CT²²⁴⁹ -- 10
 260. 1921 -- Feb 27, Trains Collide, NY Central & MI Central RR, Porter, IN -- 37
 261. 1921 -- Dec 5, Trains collide/burn, Philadelphia & Reading RR ~Bryn Athyn, PA --26-27
262. 1922 -- Aug 05, Trains Collide, MO Pacific Railroad, Sulphur Springs, MO -- 34
 263. 1922 -- Aug 12, Train/Truck/Train Collisions, Annandale, MN -- 10
 264. 1922 -- Dec 13, Trains Collide, Humble, TX -- 22
265. 1923 -- Sep 27, Flooding, Bridge Washout/Train Derails, near Lockett, WY²²⁵⁰ -- 31
266. 1924 -- Feb 2, Interurban Traction Trains collide/fire, edge of Alfont, IN --19-21
 267. 1924 -- June 1, Train Derailment/Collision, Wabash RR, Williamsport, IN -- 13
268. 1925 -- March 22, Trains Collide in Dense Fog, Ricohoc, LA²²⁵¹ -- 11
 269. 1925 -- June 8, Train Derail, Chesapeake & OH Railway, ~ Converse, IN -- 12
 270. 1925 -- June 16, Train Derails, Rockport Crossing, near Hackettstown, NJ²²⁵² -- 50
 271. 1925 -- Nov 12, Trains Collide in Fog near Monmouth Junction, NJ²²⁵³ -- 10
272. 1926 -- June 16, Trains Collide, Pennsylvania Railroad, near Gray, PA -- 16
 273. 1926 -- Sep 02, Trains Collide, near Monroe, MI -- 10
 274. 1926 -- Sep 05, Train Derailment, Denver & Rio Grande RR, near Waco, CO -- 30
 275. 1926 -- Dec 23, Trains Collide, near Rockmart, GA -- 19

²²⁴⁸ Cross-listed in Fog as a Contributing Factor.

²²⁴⁹ All deaths due to fire and/or suffocation.

²²⁵⁰ Cross-listed in Flooding.

²²⁵¹ Cross-listed in Fog as a Contributing Factor.

²²⁵² Cross-listed in Flooding.

²²⁵³ Cross-listed in Fog as a Contributing Factor.

276. 1927 -- Oct 14, Interurban Railcar hits truck-trailer with people, Indianapolis, IN²²⁵⁴--20-21
 277. 1927 -- Jan 22, Baylor Univ. Basketball Team Bus Hit by Train, Round Rock, TX²²⁵⁵-- 10

RAIL – Train, Electric Rail, Streetcar, Trolley Events – CHRONOLOGICAL (Cont.)

278. 1928 -- Aug 24, Subway Train Crash, 42nd Street-Times Square Station, NYC NY -- 16
 279. 1929 -- Jan 22, Train Hits Greyhound Bus, Snowstorm, near Bellevue, OH²²⁵⁶ -- 20
 280. 1929 -- July 09, Train Derail/Hit by Train, Erie Railroad, near Corning, NY -- 12
 281. 1929 -- July 18, Flash Flood, Bridge Down, Train Wreck, Stratton, CO²²⁵⁷ -- 10
 282. 1929 -- Aug 18, Train Derailment, Henryetta, OK -- 14
 283. 1930 -- Jan 22, Train Hits School Bus, Berea, OH²²⁵⁸ -- 10
 284. 1930 -- Feb 23, Train/Car/Train Collisions, near Kenosha, WI -- 14
 285. 1930 -- Apr 11, Train Hits Pickwick-Greyhound Bus, near Isleta, NM²²⁵⁹ -- 22
 286. 1933 -- Aug 29, Storm, Bridge Weakened, Train Wreck, Tucumcari, NM²²⁶⁰ -- 11
 287. 1933 -- Sep 5, Passenger and Milk Trains Collide, Erie Railroad, Binghamton NY --14-23
 288. 1933 -- Dec 14, School Bus hit, Atlantic Coast Line Train, near Crescent City, FL²²⁶¹-- 11
 289. 1934 -- Dec 27, Boiler Explosion, Engine Hauling Mine Workers, McDunn WV²²⁶² -- 18
 290. 1935 -- Apr 12, School Bus & Train Collision, Grade-Crossing, Rockville, MD²²⁶³ -- 14
 291. 1936 -- Mar 28, Grade Crossing Collision, Bus/Central Georgia Train, Bryon GA²²⁶⁴-- 11
 292. 1936 -- Nov 24, L Train rear-ended, North Shore Line Interurban, Chicago, IL -- 10
 293. 1937 -- Oct 22, School Bus hit by Rock Island Line Train *Rocket*, Mason City, IA²²⁶⁵-- 10
 294. 1938 -- Jun 19, Flash Flood, Bridge Fails, Train Crash, Miles City, MT²²⁶⁶ -- 47
 295. 1938 -- Dec 01, Train hits Jordan High School Bus at Crossing, Midvale, UT²²⁶⁷ -- 26
 296. 1939 -- Aug 12, Violence (Sabotage), Train Derails, S. Pacific RR, Carlin, NV²²⁶⁸ -- 24
 297. 1940 -- Mar 14, Train hits farm workers Truck at Highway 83 Crossing, Alamo, TX²²⁶⁹-29
 298. 1940 -- Apr 19, Train Derails, NY Central *Lake Shore Limited*, Little Falls, NY -- 30

²²⁵⁴ Cross-listed in Road/Highway.

²²⁵⁵ Cross-listed in Mining.

²²⁵⁶ Cross-listed in Highway/Bus and in Winter Storms

²²⁵⁷ Cross-listed in Structural Failures (Bridge), and in Flooding

²²⁵⁸ Cross-listed in Highway/Bus

²²⁵⁹ Cross-listed in Highway/Bus

²²⁶⁰ Cross-listed in Structural Failure (Bridge/Trestle)

²²⁶¹ Cross-listed in Highway Incidents – Bus.

²²⁶² Cross-listed in Rail.

²²⁶³ Cross-listed in Highway Incidents – Bus.

²²⁶⁴ Cross-listed in Highway Incidents.

²²⁶⁵ Cross-listed in Highway Incidents – Bus.

²²⁶⁶ Cross-listed in Flash Floods and Structural Failures (Bridge/Trestles).

²²⁶⁷ Cross-listed in Highway

²²⁶⁸ Cross-listed in Violence (Sabotage)

²²⁶⁹ Cross-listed in Road/Highway.

299. 1940 -- July 31, Train Collision (head-on), Pennsylvania RR, Cuyahoga Falls, OH -- 43
 300. 1942 -- Jul 08, Liberty Bell Trolley, Freight Car Collide, near Norristown, PA -- 12
 301. 1942 -- Sep 24, Three-Train Crash, Smith's Cut, so. of Frederick, ~Dickerson, MD -- 14
 302. 1942 -- Oct 28, Train Crashes into Bus, Detroit, MI²²⁷⁰ -- 16

RAIL – Train, Electric Rail, Streetcar, Trolley Events – CHRONOLOGICAL (Cont.)

303. 1943 -- Aug 30, Lackawanna Limited Train Collision, near Wayland, NY --28-29
 304. 1943 -- Sep 6, Congressional Limited Train Derailment, Frankford Junction, PA²²⁷¹- 79-81
 305. 1943 -- Dec 16, Train Derailment, Atlantic Coast Line, 2nd Crash, Rennert, NC --69-74

 306. 1944 -- July 06, Troop Train Derailment, Jellico, TN -- 35
 307. 1944 -- Sep 14, Train Collision (head-on), Chicago & East IL RR, Terre Haute IN -- 29
 308. 1944 -- Sep 28, Trains Collide, North Western Railroad, near Missouri Valley, IA -- 10
 309. 1944 -- Aug 05, Atlantic Coast Line Train Wreck, near Stockton, GA -- 47
 310. 1944 -- Nov 08, Train Derailment, Southern Pacific Challenger, near Colfax, CA -- 9-10
 311. 1944 -- Dec 31, Fog, Southern Pacific mail-express hits passenger train, ~Bagley, UT²²⁷²48

 312. 1945 -- June 15, Freight train car derails/hit by passenger train (cars derail), Milton, PA-- 19
 313. 1945 -- Aug 09, Train Collision, Great Northern's *Empire Builder*, Michigan, ND -- 34

 314. 1946 -- Apr 26, Train Collision, *Advance Flyer & Exposition Flyer*, Naperville, IL -- 47
 315. 1946 -- Dec 13, Train Collision, PRR's *Golden Triangle*, near Coulter, OH -- 19

 316. 1947 -- Feb 17, Bus-Train Collision, Michigan City, IN²²⁷³ -- 13
 317. 1947 -- Feb 18, Train Derails, Pennsylvania RR *Red Arrow*, near Altoona, PA -- 24

 318. 1948 -- Jan 01, Missouri Pacific Trains Collide, near Otterville and Syracuse, MO -- 14

 319. 1950 -- Feb 17, Train Collision, Rockville Centre Station, Rockville Centre, NY -- 31
 320. 1950 -- May 25, Collision, Green Hornet Trolley/Gasoline Tank Truck, Chicago IL²²⁷⁴ - 34
 321. 1950 -- Sep 11, Train Spirit of St. Louis Hits Troop Train, Fog, Isleta, OH -- 33
 322. 1950 -- Sep 02, Trains Collide, Milwaukee, WI -- 10
 323. 1950 -- Nov 22, Train Collision, Richmond Hill, Queens, NY -- 79

 324. 1951 -- Feb 06, "The Broker" Train Derailment, Woodbridge, NJ -- 85
 325. 1951 -- May 18, Penn. RR *Red Arrow & Pittsburgh Flyer* Collide ~Bryn Mawr PA -- 8-10
 326. 1951 -- Nov 12, Trains Collide, Snowstorm, Union Pacific Railroad, Evanston, WY --17-18
 327. 1951 -- Nov 25, New York and New Orleans Trains Collide near Woodstock, AL -- 17

²²⁷⁰ Cross listed in Highway Incidents -- Bus.

²²⁷¹ Accounts then and since note either 79 or 80 deaths. We do not know which is correct. The range of 79-81 is due to our including as an indirect death that of a Brooklyn man who committed suicide after identifying his wife and two children as fatalities. Without this inclusion, certainly 79 died. With inclusion, either 80 or 81 died.

²²⁷² Cross-listed in Fog as a Contributing Factor.

²²⁷³ Cross-listed in Highway Incidents.

²²⁷⁴ Cross-listed in Hazardous Materials incidents.

328. 1953 -- Mar 27, Trains Collide, New York Central Line, near Conneaut, OH -- 21

RAIL – Train, Electric Rail, Streetcar, Trolley Events – CHRONOLOGICAL (Cont.)

329. 1955 -- Aug 22, Grade Crossing, School Bus Hit by Train, Spring City, TN²²⁷⁵ -- 11

330. 1956 -- Jan 22, Train Derailment, Santa Fe RR, Redondo Jct., Los Angeles, CA -- 30

331. 1956 -- Sep 05, Trains Collide, Santa Fe Express trains, near Robinson, NM -- 20

332. 1958 -- Sep 15, Commuter Train Plunges off Bridge into Newark Bay, NJ -- 48

333. 1959 -- Mar 18, Car Hit by Train, Beaver Creek Girl Scouts, Beaver Creek, OH²²⁷⁶ -- 10

334. 1959 -- June 28, Train Derailment, LPG-Tank Rupture, Flash-Fire, Meldrim, GA²²⁷⁷ -- 23

335. 1960 -- Mar 01, Train and Oil Tank Truck Collision, Fire, Bakersfield, CA²²⁷⁸ -- 14

336. 1961 -- Dec 14, Grade Cross. Collis., Train/School Bus, Auburn/Greely, CO²²⁷⁹ -- 20

337. 1962 -- July 28, "Baseball" train derails, Susquehanna Riv., Steelton, ~Harrisburg, PA-- 19

338. 1963 -- Sep 17, Train hits migrant worker truck-bus, grade-crossing, Chualar, CA²²⁸⁰ -- 32

339. 1964 -- May 11, Train hits station wagon with 8 children at crossing, ~Mesa, AZ²²⁸¹ -- 10

340. 1966 -- Dec 28, Train hits stalled Oil Tank Truck at RR crossing, Fire, Everett, MA²²⁸² --13

341. 1971 -- June 10, Amtrak train derails, northbound City of New Orleans, near Salem, IL--11

342. 1972 -- Oct 30, Trains Collide, Illinois Central Gulf Commuter Rail, Chicago, IL -- 45

343. 1973 -- Jul 05, Propane Gas Railcar Fire/Explosion (Doxel Gas Co., Kingman AZ²²⁸³ -- 13

344. 1976 -- Feb 7, Train hits Camper-Truck of children, grade crossing, Beckemeyer, IL²²⁸⁴ -12

345. 1977 -- Feb 04, L Train Crash Derailment, Lake and Wabash, Chicago, IL -- 11

346. 1977 -- Oct 02, Amtrak Train hits Pickup Truck at Crossing, Plant City, FL²²⁸⁵ -- 10

347. 1978 -- Feb 24, Train Derailment, Explosion, LPG Tank Car, Waverly, TN²²⁸⁶ -- 16

1978 -- Feb 26, Train Derailment, Fog, Chlorine Release, Youngstown, FL²²⁸⁷ -- 8

356. 1987 -- Jan 4, Amtrak 94 rear-ends Conrail ENS-121 freight train, Chase, MD -- 16

348. 1993 -- Sep 22, Fog, Barge hits bridge, Amtrak train derails into water/fire, ~Mobile, AL²²⁸⁸ 47

1995 -- Oct 25, School Bus stopped at crossing hit by Train, Fox River Grove, IL²²⁸⁹ -- 7

²²⁷⁵ Cross-listed in Highway Incidents.

²²⁷⁶ Cross-listed in Highway Incidents.

²²⁷⁷ Cross listed in Hazardous Materials.

²²⁷⁸ Cross-listed in Hazardous Materials and in Highway Incidents.

²²⁷⁹ Cross-listed in Highway.

²²⁸⁰ Cross-listed in Vehicular/Road/Highway events.

²²⁸¹ Cross-listed in Road/Highway.

²²⁸² Cross-listed in Vehicular—Road/Highway

²²⁸³ Cross-listed in Explosions and in Hazardous Materials Transportation.

²²⁸⁴ Cross-listed in Road/Highway.

²²⁸⁵ Cross-listed in Road/Highway.

²²⁸⁶ Cross listed in Hazardous Materials.

²²⁸⁷ Cross listed in Hazardous Materials.

²²⁸⁸ Cross-listed in Fog as a contributing factor and in Maritime.

349. 1996 -- Feb 16, MARC and Amtrak 29 Trains Collide/Fire, ~Silver Spring, MD -- 11
350. 1999 -- Mar 15, Amtrak train & truck collision, grade crossing, Bourbonnais, IL²²⁹⁰ -- 11
351. 2005 -- Jan 26, Train hits parked SUV; Derails; hits parked train, Glendale, CA²²⁹¹ -- 11
352. 2008 -- Sep 12, Metrolink 111 and Union Pacific Train Collision, Chatsworth, CA -- 25

²²⁸⁹ Cross-listed in Vehicular/Road/Highway.

²²⁹⁰ Cross-listed in Highway Incidents.

²²⁹¹ Cross-listed in Vehicular/Highway, and in Violence/Manslaughter.

ROAD/HWY Vehicular Events – Auto, Bus, Coach, Trolley, Truck, Van -- By Mortality

1. 1967 -- Dec 15, Silver Bridge Collapse, vehicles fall, OH Riv., Point Pleasant, WV²²⁹²-- 46
2. 1989 -- Oct 17, Earthquake, Nimitz Highway Collapse, Loma Prieta, Northern CA²²⁹³ -- 41
3. 1980 -- May 09, Freightner hits Sunshine Skyway Bridge, span collapse, Tampa, FL²²⁹⁴ -- 35
4. 1950 -- May 25, Collision, Green Hornet Trolley & Gasoline Tank Truck, Chicago, IL²²⁹⁵ -34
5. 1963 -- Sep 17, Train hits migrant worker truck-bus, grade-crossing, Chualar, CA²²⁹⁶ -- 32
6. 1940 -- Mar 14, Train hits farm workers Truck at Highway 83 Crossing, Alamo, TX²²⁹⁷ -- 29
7. 1976 -- May 21, Yuba City High School Bus goes off Cliff, Yuba City, CA -- 29
8. 1944 -- Jan 06, Army Air Force Bus and Train Collide, Kingman Army Air Field, AZ -- 28
9. 1952 -- Aug 04, Greyhound Buses Collide Head-on /Fire, Waco, TX -- 28
10. 1958 -- Feb 28, School Bus Hits Truck, goes into River, Prestonsburg, KY -- 27
11. 1963 -- May 18, Farm worker bus sideswiped by truck, goes into canal, ~Belle Glade, FL -27
12. 1988 -- May 14, Church Bus Hit by Drunk Driver, Carrollton, KY -- 27

13. 1938 -- Dec 01, Train hits Jordan High School Bus at Crossing, Midvale, UT²²⁹⁸ -- 26
14. 1931 -- Aug 03, Bus goes through open drawbridge, Sampit River ~Georgetown, SC²²⁹⁹ --23
15. 2005 -- Sep 23, Hurricane Rita Nursing Home Bus Burns, Wilmer, TX -- 23
16. 1930 -- Apr 11, Train Hits Pickwick-Greyhound Bus, near Isleta, NM²³⁰⁰ -- 22
17. 1942 -- Dec 22, Rockslide Crushes Passenger Bus, near Aliquippa, PA²³⁰¹ -- 22
18. 1999 -- May 9, Casino/Tour Bus Crashes into Concrete Wall, New Orleans, LA -- 22
19. 1927 -- Oct 14, Interurban Railcar hits truck-trailer with people, Indianapolis, IN²³⁰² --20-21
20. 1937 -- Mar 24, Blowout, Roller-Skate Team Bus Hits Bridge, Fire, Salem IL -- 21
21. 1957 -- June 06, Tractor-Trailer/Migrant Labor Truck Collision/Fire ~Fayetteville, NC-20-21
22. 1986 -- May 30, Tour Bus Crashes in West Walker River, Walker, CA -- 21
23. 1989 -- Sep 21, Truck/Mission School Bus Collision/Drowning, Alton, TX -- 21
24. 1929 -- Jan 22, Train Hits Greyhound Bus, Snowstorm, near Bellevue, OH²³⁰³ -- 20
25. 1934 -- July 22, Bus with defective brakes runs off road, Burns, Ossining, NY --19-20
26. 1936 -- Jan 31, Hwy. Accident & Fire, Prison Transport Bus, Scottsboro, AL -- 20
27. 1944 -- Mar 20, Bus Slides off Market St. Bridge into Passaic River, ~Passaic, NJ --19-20
28. 1961 -- Dec 14, Train and School Bus Collision, Auburn, CO²³⁰⁴ -- 20
29. 1968 -- Mar 07, Wrong-side/intoxicated driver's auto hits Bus, fire, I-15, Baker, CA -- 20
30. 1980 -- June 5, Central Texas Charter Tour Bus goes off Highway 7, near Jasper, AR -- 20
31. 1943 -- June 05, Army truck crashes through bridge over railroad near Nashville, TN -- 19

²²⁹² Cross-listed in Structural Collapse.

²²⁹³ Cross-listed in Earthquakes. There was a total of 67 fatalities.

²²⁹⁴ Cross-listed in Maritime and in Structural Collapse/Bridges. A bus and several cars fell; 22 fatalities on the bus.

²²⁹⁵ Cross-listed in Rail.

²²⁹⁶ Cross-listed in Rail.

²²⁹⁷ Cross-listed in Rail.

²²⁹⁸ Cross-listed in Rail.

²²⁹⁹ This was the deadliest non-collision bus disaster in the U.S. until May 9, 1980 when a freighter hit the Skyway bridge in Tampa, knocking out a span, causing a Greyhound bus to fall into the Bay with 26 fatalities.

²³⁰⁰ Cross-listed in Rail.

²³⁰¹ Cross-listed in Landslides.

²³⁰² Cross-listed in Rail.

²³⁰³ Cross-listed in Rail and Winter Storms.

²³⁰⁴ Cross-listed in Rail.

32. 1947 -- Aug 05, Worker/Gasoline Trucks Collide and Burn, near Waxahachie, TX²³⁰⁵ -- 19
 33. 1972 -- Dec 26, Bus/Truck Collision, U.S. 60-84, Fort Sumner, NM -- 19
 34. 1974 -- Jan 19, Farm Labor Bus Crash/Submergence, Blythe, CA -- 19
 35. 1975 -- Apr 29, Surtigas, S.A.LP Gas Tank Truck Wreck, 277, Eagle Pass, TX²³⁰⁶ -- 19

ROAD /HWY Events—Auto, Bus, Motorized Coach, Trolley, Truck, Van—Mortality (Cont.)

36. 1922 -- Sep 11, Truck falls through wood bridge, Satilla Riv., 20 mi. ~Homerville, GA²³⁰⁷-18
 37. 1937 -- Jan 28, Tamiami Trail Tour Bus goes into Canal, near Coral Gables FL -- 17
 38. 1941 -- Oct 26, Passenger Bus Hits Concrete Railing, Burns, Clanton, AL -- 17
 39. 1959 -- June 08, Farm Labor Truck/Bus Crash, Fuel Explos./Fire, near Phoenix, AZ -- 17
 40. 1991 -- Nov 29, Dust Storm, Massive I-5 Pileup, Coalinga, CA²³⁰⁸ -- 17
 41. 2008 -- Aug 8, Chartered Tour Bus Crash off Bridge, U.S. Highway 75, Sherman, TX-- 17
 42. 1919 -- Nov 1, Train Hits "Auto Truck" at Grade Crossing, Clarksboro, NJ²³⁰⁹ --14-16
 43. 1942 -- Oct 28, Train Crashes into Bus, Detroit, MI²³¹⁰ -- 16
 44. 1945 -- Nov 26, School Bus goes into Lake Chelan in Snowstorm, Chelan, WA -- 16
 45. 1949 -- Aug 10, Greyhound Bus hits bridge, rolls and burns, IN 37 ~Bloomington, IN-- 16
 46. 1900 -- Aug 12, Train hits horse-drawn coach at grade crossing ~Slatington, PA²³¹¹ --13-15
 47. 1911 -- Sep 24, Train Collision with Hay Wagon at Crossing, Neenah, WI²³¹² -- 15
 48. 2004 -- Oct 09, MCI Motorcoach Crash, I-55 near Turrell, AR -- 15
 49. 2011 -- Mar 12, World Wide Travel Casino Tour Bus Crash, I-95, Bronx, NY -- 15
 50. 1935 -- Apr 12, School Bus and Train Collision, Rockville, MD²³¹³ -- 14
 51. 1935 -- Dec 22, Bus Drives Off River Drawbridge, Hopewell, VA -- 14
 52. 1951 -- Aug 18, Beer truck/car collide, truck/Greyhound bus collide ~Alpena, MI --11-14
 53. 1957 -- June 13, Army Truck Skids into Piney Ford Creek, Ft. Campbell, KY -- 14
 54. 1958 -- June 16, Migrant Farm Worker Truck Fire (spilled gasoline) Soledad, CA -- 14
 55. 1960 -- Mar 01, Train and Oil Tank Truck Collision, Fire, Bakersfield, CA²³¹⁴ -- 14
 56. 1972 -- May 13, Greyhound Bus/Freight Truck Collision, Bean Station, TN -- 14
 57. 1994 -- July 03, Tractor Trailer rear-ends Family Van, Interstate 20, Weatherford, TX-- 14
 58. 2002 -- May 26, Barge hits Bridge, Span Collapse, vehicles fall, Webbers Falls, OK²³¹⁵-- 14
 59. 2002 -- Sep 12, Speeding Van, off John's Bridge btwn Eagle & Churchill Lakes, ME -- 14
 60. 2012 -- July 22, Pickup Truck with 23 illegals crashes, US Highway 59 ~Goliad, TX -- 14
 61. 1947 -- Feb 17, Train Crew Bus-Train Collision, Michigan City, IN²³¹⁶ -- 13
 62. 1963 -- Jun 10, Brakes fail, Boy Scouts in Truck goes off hill, ~Hole-in-the-Wall, UT -- 13
 63. 1966 -- Dec 28, Train hits stalled Oil Tanker Truck at RR crossing, Fire, Everett, MA²³¹⁷ -- 13

²³⁰⁵ Cross-listed in Hazardous Materials Transportation.

²³⁰⁶ Cross-listed in Hazardous Materials.

²³⁰⁷ Cross-listed in Structural Failures—Bridges.

²³⁰⁸ Cross-listed in Dust Storms.

²³⁰⁹ Cross-listed in Rail.

²³¹⁰ Cross-listed in Rail.

²³¹¹ Cross-listed in Rail.

²³¹² Cross-listed in Rail.

²³¹³ Cross-listed in Rail.

²³¹⁴ Cross-listed in Hazardous Materials Transportation and in Rail.

²³¹⁵ Cross-listed under Maritime and Structural Collapse.

²³¹⁶ Cross-listed in Rail.

²³¹⁷ Cross-listed in Rail.

64. 1973 -- Nov 03, Driver Heart Attack, Charter Bus Crash, I-880 near Sacramento, CA -- 13
 65. 1974 -- Mar 08, US INS Prison Bus/Van Collis./Parked Semi, I-8, Jacumba Mts., CA -- 13
 66. 1999 -- Aug 09, Farm Worker Van Collides with Truck, Five Points, CA -- 13
 67. 1999 -- Dec 04, Illegal Worker Van collides with 18-Wheeler, I-40 ~Albuquerque, NM-- 13
 68. 2007 -- Aug 01, Interstate 35W Bridge Collapse, vehicles fall, Minneapolis, MN²³¹⁸ -- 13
 69. 2016 -- Oct 23, Tour Bus runs into Semi, I-10, Indian Canyon near Palm Springs, CA -- 13
 70. 2017 -- March 29, Pickup truck hits church bus head-on, Hwy 83 near Concan, TX -- 13

ROAD /HWY Events—Auto, Bus, Motorized Coach, Trolley, Truck, Van—Mortality (Cont.)

71. 1940 -- Apr 21, Two Cars Collide Head-on (young people 17-23), Slayton, MN²³¹⁹ -- 12
 72. 1942 -- Oct 03, Gasoline Tanker, Wagon, Bus collide, explosion ~Lumberton, NC²³²⁰ --11-12
 73. 1956 -- Dec 16, Car, inebriated driver, hits train at Crossing, SW Phoenix, AZ -- 12
 74. 1957 -- June 11, Train hits Farm Worker Truck at RR Crossing, Vroman, CO -- 12
 75. 1959 -- June 02, Collision/Fire/Explos., Propane Gas Truck, ~Deer Lake, east PA²³²¹ --11-12
 76. 1959 -- Oct 09, Semi-trailer tanker rear-ends Trenton St. Col. bus, New Brunswick, NJ-- 12
 77. 1976 -- Feb 07, Train hits Camper-Truck of children, grade crossing, Beckemeyer, IL²³²² --12
 78. 1990 -- Dec 11, Fog, Multiple-Vehicle Collisions, I-75 near Calhoun, TN²³²³ -- 12
 79. 1994 -- Mar 09, Pickup Truck with 20 illegals wrecks, I-15 near Barstow, CA -- 12
80. 1933 -- Dec 14, School Bus hit, Atlantic Coast Line Train, near Crescent City, FL²³²⁴ -- 11
 81. 1936 -- Mar 28, Grade Crossing Collision, Bus & Central of Georgia Train, Bryon, GA²³²⁵ 11
 82. 1943 -- Dec 14, War workers bus and tractor trailer collide, bus burns, ~Campbell, NY-- 11
 83. 1955 -- Aug 22, Grade Crossing, School Bus Hit by Train, Spring City, TN²³²⁶ -- 11
 84. 1961 -- June 30, Wrong-way, Cal. speeding pickup hits Cal. Station Wagon, Jean, NV-- 11
 85. 1963 -- Nov 3, Car goes through inoperable dead-end warning into Harlem Riv., NYC-- 11
 86. 1965 -- Aug 28, Collision Greyhound Bus & Timber Truck, Vinton, LA -- 11
 87. 1981 -- Feb 18, Commuter Bus Crash, I-95, into Chopawamsic Creek ~Quantico, VA -- 11
 88. 1983 -- Aug 10, Car/Tractor-Trailer Head-on Collision, Hwy 86 ~Coachella, CA -- 11
 89. 1994 -- July 03, Tractor Trailer broadsides Pickup Truck near Snyder, west TX -- 11
 90. 1994 -- Aug 21, SUV crosses center-line, hits sedan, Hwy Alt 97 ~Wenatchee, WA -- 11
 91. 1997 -- July 29, Dump Truck Hits Pickup Truck, Albion, Concord Township, MI -- 11
 92. 1997 -- Sep 09, Van/Pickup Collide/burn, Hwy 1, ~San Julian Ranch & Lompoc, CA -- 11
 93. 1997 -- Nov 16, Highway Collision/Fog, Van and Semi, Mendota, CA²³²⁷ -- 11
 94. 1999 -- Mar 15, Amtrak train & truck collision at grade crossing, Bourbonnais, IL²³²⁸ -- 11
 95. 2001 -- Jan 26, Black Ice HWY Accident, Salvation Army Bus/Van, Will County, IL -- 11

²³¹⁸ Cross-listed in Structural Collapse/Bridges.

²³¹⁹ This was at the time the deadliest "pleasure car" accident in the country.

²³²⁰ Cross-listed in Hazardous Materials Transportation.

²³²¹ Cross-listed in Explosions and in Hazardous Materials Transportation.

²³²² Cross-listed in Rail.

²³²³ Cross-listed in Fog as a Contributing Factor.

²³²⁴ Cross-listed in Rail.

²³²⁵ Cross-listed in Rail.

²³²⁶ Cross-listed in Rail.

²³²⁷ Cross-listed in Fog as a Contributing Factor.

²³²⁸ Cross-listed in Rail.

96. 2005 -- Jan 26, Train hits parked SUV; Derails; hits parked train, Glendale, CA²³²⁹ -- 11
 97. 2009 -- Jun 06, Illegal Immigrant (22) Smuggling SUV Blowout/Rolls, ~Sonoita, AZ -- 11
 98. 2010 -- Mar 26, Highway Crash, Tractor-Trailer hits Van, ~Munfordville, KY -- 11
 99. 2012 -- Jan 29, Smoke/Haze/Fog, Interstate 75 Pileup, south of Gainesville, FL -- 11

ROAD /HWY Events—Auto, Bus, Motorized Coach, Trolley, Truck, Van— Mortality (Cont.)

100. 1892 -- Jan 19, Train hits Clover Fishing Club Sleighing party, St Louis, MO²³³⁰ -- ~10
 101. 1926 -- July 22, Bus with Brooklyn excursionists Overturns, near Nyack, NY -- 10
 102. 1927 -- Jan 22, Baylor Univ. Basketball Team Bus Hit by Train, Round Rock, TX²³³¹ -- 10
 103. 1930 -- Jan 22, Train Hits School Bus, Berea, OH²³³² -- 10
 104. 1937 -- Oct 22, School Bus hit by Rock Island Line Train *Rocket*, Mason City, IA²³³³ -- 10
 105. 1944 -- Nov 21, Car/Truck Collision, Butane Gas Tank Truck Explos., Denison, TX²³³⁴ -- 10
 106. 1949 -- Nov 10, Cotton Pickers Truck/Semi Collide, U.S. Hwy. 80 near Gila Bend, AZ -- 10
 107. 1953 -- Mar 20, Family Killed, Truck and Car Collision, near Washington, NJ -- 10
 108. 1954 -- June 7, Two-car collision, Rt. 416 (MD 4) Lyons Creek, Calvert County, MD -- 10
 109. 1956 -- Oct 03, Two Automobiles collide head-on near Muncie, IN -- 10
 110. 1959 -- Mar 18, Car Hit by Train, Beaver Creek Girl Scouts, Beaver Creek, OH²³³⁵ -- 10
 111. 1962 -- July 25, Brakes fail, propane LPG tanker truck crash/explos./fire, Berlin, NY²³³⁶ -- 10
 112. 1963 -- Sep 02, Two-Car Collision, TX State Highway 146 near Dayton, TX -- 10
 113. 1964 -- May 11, Train hits station wagon with 8 children at crossing, near Mesa, AZ²³³⁷ -- 10
 114. 1967 -- Jun 23, Asphalt tanker truck and station wagon collide, Hardeeville, SC -- 10
 115. 1972 -- Nov 7, Freightier Hits Sidney Lanier Bridge, Span Collapse, Brunswick GA²³³⁸ -- 10
 116. 1975 -- Jul 3, Car/Truck-Camper Headon Collision, Rt/ 98 Navajo Reservation, no. AZ -- 10
 117. 1977 -- Oct 02, Amtrak Train hits Pickup Truck at Crossing, Plant City, FL²³³⁹ -- 10
 118. 1979 -- Apr 23, impaired driver pickup speeds through curve into trees ~Crofton, MD -- 10
 119. 1981 -- June 26, Converted Bus/motor home fire, I-15, Cajon Pass, ~Victorville CA -- 10
 120. 1982 -- Oct 8, Tractor Semitrailer collides head-on with church van near Lemoore, CA -- 10
 121. 1985 -- Oct 6, Brush Fire Smoke, 33-Vehicle Pileup, I-5 near Sacramento, CA -- 10
 122. 1987 -- Apr 5, Flooding/Schoharie Cr. bridge fails/vehicles fall, I-90 ~Fort Hunter²³⁴⁰ NY -- 10
 123. 1987 -- July 17, Flash Flood, Church Youth Bus & Van swept into river ~Comfort, TX²³⁴¹ -- 10
 124. 1983 -- Dec 23, Collision, Activity Bus/Semitrailer, near Devers, TX -- 10
 125. 1990 -- Jan 24, Farm Worker Van goes into Canal, curve in fog, near Clewiston, FL -- 10
 126. 1995 -- Apr 09, Dust Storm-Related Vehicle Accidents, Bowie, AZ²³⁴² -- 10

²³²⁹ Cross-listed in Rail, and in Violence/Manslaughter.

²³³⁰ Cross-listed in Rail.

²³³¹ Cross-listed in Rail.

²³³² Cross-listed in Rail.

²³³³ Cross-listed in Rail.

²³³⁴ Cross-listed in Explosions and in Hazardous Materials Transportation.

²³³⁵ Cross-listed in Rail.

²³³⁶ Cross-listed in Explosions.

²³³⁷ Cross-listed in Rail.

²³³⁸ Cross-listed under Maritime and Structural Collapse/Bridge.

²³³⁹ Cross-listed in Rail.

²³⁴⁰ Cross-listed in Structural Failures -- Bridges. I-90 (NY State Thruway) Schoharie Creek bridge is ~a mile south of Fort Hunter hamlet, Montgomery Co., and ~5½ miles west of Amsterdam, NY, which is 37 miles NW of Albany.

²³⁴¹ Cross-listed under Flooding and Flash Floods.

ROAD /HWY Events—Auto, Bus, Motorized Coach, Trolley, Truck, Van— Mortality (Cont.)

127.	1997 -- July 30, High Schoolers' SUV in no-passing zone, hit by truck, ~Plymouth NC--	10
128.	2000 -- Jan 23, Icy-road, Multi-vehicle Collision/Fire, I-29 near Platte City, MO	-- 10
129.	2002 -- Oct 11, Fog, Multi Vehicle Pileup, I-43, near Cedar Grove, WI ²³⁴³	-- 10
130.	2003 -- July 16, Car Collides with Car and Pedestrians, Santa Monica, CA	-- 10
131.	2004 -- Sep 20, Tractor-trailer crosses median, hits Pickup and SUV, ~Sherman, TX--	10
132.	2006 -- Aug 07, SUV with illegals flips evading Border Patrol spike strip, ~Yuma, AZ--	10
133.	2009 -- Jun 26, Tractor-Trailer hits multiple cars, Will Rogers Turnpike ~Miami, OK--	10
134.	2014 -- Apr 11, FedEx truck hits High School Charter Bus, I-5 near Orland, CA	-- 10
135.	2015 -- Jan 14, TX Corrections Dept. Prison Bus skids off icy I-20, hits Train ~Penwell, TX--	10

Other:

1893	-- Jan 18, Sleighing Party Hit by Train at grade crossing, Lonsdale, RI ²³⁴⁴	-- 9
1912	-- Oct 07, Racing Cars Collide, Thirty-third Street Bridge, Philadelphia, PA	-- 9
1919	-- Jan 26, Nitroglycerin explodes, wagon going through town of Big Heart, OK ²³⁴⁵ --	8-9
1940	-- Nov 07, Automobile and Gravel Truck Collide, all killed, Pipestone, MN	-- 9
1983	-- Mar 25, Crash, Jonesboro School District Bus, near Newport AR	-- 9
1988	-- Dec 23, Propane tanker hits wall explodes; parts hit house, cars, Memphis TN ²³⁴⁶ --	9
2003	-- Jan 2, pickup carrying illegals crashes into tractor trailer, I-80 near Menlo, IA	-- 9
2008	-- Jan 6, Motorcoach runs off road, rolls over, U.S. Rt. 163, Mexican Hat, UT	-- 9
2012	-- Dec 30, Road, Tourist Charter Bus Crash, icy I-84 near Pendleton, OR	-- 9
1926	-- Nov 1, Truck hits Street Car head-on, is hit by following truck, Fire, Dayton, OH	-- 8
1938	-- Nov 19, Auto with 7 Crippled Children Falls into Mine-Pit, Wilkes-Barre, PA	-- 8
1942	-- Feb 22, Train hits car at crossing, near Abingdon, VA	-- 8
1943	-- July 04, Autos Collide, near Marienville, Northwest PA	-- 8
1959	-- Dec 25, Car collides with concrete abutment, Hwy 9-W near Haverstraw, NY	-- 8
1977	-- July 14, Motor Home and car collide, rural road U.S. 69 near Stringtown, OK	-- 8
1981	-- Mar 6, Mid-Valley High School Auto Crash, Underwood Road, Throop, PA	-- 8
1981	-- Nov 14, hazardous material tanker sideswipes truck, explodes ~Canon City, CO ²³⁴⁷ --	8
1989	-- Apr 01, Hatchie River Bridge Collapse, 5 vehicles fall, near Covington, TN ²³⁴⁸ --	8
1999	-- Sep 25, I-84 pileup/dust storm/high wind/wheat field under plow ~Pendleton OR ²³⁴⁹	8
2001	-- Sep 15, Barge hits Queen Isabella Causeway, span collapses, Port Isabel, TX	-- 8
2002	-- March 26, Retirement Home Bus Crashes into van, Dodge County, WI	-- 8
2008	-- Feb 16, Car hits street race spectators, Indian Head Highway, Accokeek, MD ²³⁵⁰ --	8
2013	-- Oct 2, Church bus tire blowout, crash into SUV and tractor-trailer, I-40 east TN--	8

²³⁴² Cross-listed in Dust Storms.

²³⁴³ Cross-listed in Fog as a Contributing Condition.

²³⁴⁴ Cross-listed in Rail.

²³⁴⁵ Cross-listed in Explosions and in Hazardous Materials Events

²³⁴⁶ Cross-listed in Explosions and in Hazardous Materials Events.

²³⁴⁷ Cross-listed in HazMat. Gasoline tanker ruptured/exploded burning to death 6 passengers in nearby car.

²³⁴⁸ Cross-listed in Structural Collapse/Bridges.

²³⁴⁹ Cross-listed in Dust Storms.

²³⁵⁰ Cross-listed in Automobile Racing.

1934 -- Nov 16, Auto's Collide and Burn, Hensheytown, ~Bellwood and Altoona PA --	7
1942 -- Feb 26, Bus with airmen hit by train at RR Crossing in snow storm ~Enid, OK--	7
1942 -- Mar 07, Car and ammo truck collide, fire, delayed explosion, ~Selma, NC ²³⁵¹ --	7
1944 -- July 2, Army Truck overturns, Farrington Hwy, Waialua, Oahu, hits pedestrians--	7
1951 -- Jan 28, Traffic Accident, Toccoa, Stephens County, GA	-- 7
1952 -- Jan 28, Tire blowout, Car hits bridge, goes into slough, US 54 ~Kingman, KS --	7
1959 -- Nov 09, Vehicular Accident, three trucks and one car, West Brooklyn, IL	-- 7
1969 -- Dec 14, Eastern Star Charter Bus slides off snowy road, Gap, ~Lancaster, PA --	7
1970 -- Jul 15, Hillel Day Sch., L.I., NY, Charter Bus Wreck, ~New Smithville, PA --	7
1977 -- Sep 24, Gasoline Tank Truck Collision, St. Ft. 11, Beattyville, KY ²³⁵²	-- 7
1982 -- Apr 07, HazMat Gasoline Truck Collision, Caldecott Tunnel, Oakland CA ²³⁵³ --	7
1983 -- Jan 19, Driver dozes, Semi hits cars/fire, toll booth, CT Turnpike, Stratford, CT--	7
1988 -- Aug 3, Multi-vehicle pileup (smoke from burning field), I-5 near Albany, OR --	7
1994 -- Feb 8, Fargo ND Van hits Snowplow in Whiteout, I-94 near Alexandria, MN --	7
1995 -- Oct 25, School Bus stopped at road crossing hit by Train, Fox River Grove, IL ²³⁵⁴ --	7
2007 -- March 2, Bluffton Univ., OH Baseball Team Bus crash, Atlanta, GA	-- 7
2009 -- Jan 30, Tour Bus Crash (Loss of Control and Rollover), Dolan Springs, AZ	-- 7

ROAD /HWY Events—Auto, Bus, Motorized Coach, Trolley, Truck, Van— Mortality (Cont.)

1891 -- July 27, Minister's Family Buggy hit by Train at Grade Crossing, Elmira, NY --	6
1934 -- Apr 15, Nevin Western Bus hits Truck on side of road, near Elyria, OH	-- 6
1953 -- May 29, Speeding Car and 10-ton Power Shovel Collide, South China, ME	-- 6
1959 -- June 08, Family Killed, Auto/Trucks Collide, ~Duncansville, Western PA	-- 6
1961 -- June 17, Automobiles Collide Head-on near Lovelock, NV	-- 6
1961 -- Sep 24, One-ton stake-body truck (carrying 21) overturns/burns, Jacksonville, FL--	6
1969 -- June 4, Automobiles Collide, near Slippery Rock, western PA	-- 6
1969 -- Nov 29, Multiple-vehicle collisions in fog, fires, NJ Turnpike, no. of Gate 2	-- 6
1986 -- July 20, Stolen police car runs red light, rams car killing 6 inside, Moorestown NJ--	6
2013 -- Mar 10, speeding SUV (teens) hits guardrail, flips into pond near Warren, OH--	6
1935 -- Aug 20, Vehicles Collide, wet road, car slides into bus path, near Bowie, MD --	5
1953 -- Oct 9, Car and Motorcycle collide, US 285, 37 miles north of Roswell, NM	-- 5
1958 -- Apr 4, Car of teenagers hits Greyhound bus, St. Hwy 226 ~Creswell, OR	-- 5
1972 -- Mar 24, High School Bus fails to stop at crossing, hit by Train, Congers, NY	-- 5
1984 -- Sep 10, Flash Flood, family truck swept away ~15 miles W of Las Vegas, NV--	5
2016 -- Nov 21, Woodmore elementary school bus crash, Brainerd ~Chattanooga, TN--	5

²³⁵¹ The intersection of State Highways 70 and 301, where collision occurred is just between Selma and Smithfield.
Cross-listed in Explosions.

²³⁵² Cross-listed in Hazardous Materials.

²³⁵³ Cross-listed in Hazardous Materials.

²³⁵⁴ Cross-listed in Rail.

ROAD / HWY Events – Auto, Bus, Motorized Coach, Trolley, Truck, Van -- Chronological

- 1891 -- July 27, Minister's Family Buggy hit by Train at Grade Crossing, Elmira, NY -- 6
1. 1892 -- Jan 19, Train hits Clover Fishing Club Sleighing party, St Louis, MO²³⁵⁵ -- ~10
- 1893 -- Jan 18, Sleighing Party Hit by Train at grade crossing, Lonsdale, RI²³⁵⁶ -- 9
2. 1900 -- Aug 12, Train hits horse-drawn coach at grade crossing ~Slatington, PA²³⁵⁷ --13-15
3. 1911 -- Sep 24, Train Collision with Hay Wagon at Crossing, Neenah, WI²³⁵⁸ -- 15
- 1912 -- Oct 07, Racing Cars Collide, Thirty-third Street Bridge, Philadelphia, PA -- 9
- 1919 -- Jan 26, Nitroglycerin explodes, wagon going through town of Big Heart, OK²³⁵⁹ --8-9
4. 1919 -- Nov 1, Train Hits "Auto Truck" at Grade Crossing, Clarksboro, NJ²³⁶⁰ --14-16
5. 1922 -- Sep 11, Truck falls through wood bridge, Satilla Riv., 20 mi. ~Homerville, GA²³⁶¹ -18
6. 1926 -- Jul 22, Bus with Brooklyn excursionists Overturns, near Nyack, NY -- 10
- 1926 -- Nov 1, Truck hits Street Car head-on, is hit by following truck, Fire, Dayton, OH -- 8
7. 1927 -- Jan 22, Baylor Univ. Basketball Team Bus Hit by Train, Round Rock, TX²³⁶² -- 10
8. 1927 -- Oct 14, Interurban Railcar hits truck-trailer with people, Indianapolis, IN²³⁶³ --20-21
9. 1929 -- Jan 22, Train Hits Greyhound Bus, Snowstorm, near Bellevue, OH²³⁶⁴ -- 20
10. 1930 -- Jan 22, Train Hits School Bus, Berea, OH²³⁶⁵ -- 10
11. 1930 -- Apr 11, Train Hits Pickwick-Greyhound Bus, near Isleta, NM²³⁶⁶ -- 22
12. 1931 -- Aug 03, Bus goes through open drawbridge, Sampit River ~Georgetown, SC²³⁶⁷ --23
13. 1933 -- Dec 14, School Bus hit, Atlantic Coast Line Train, near Crescent City, FL²³⁶⁸ -- 11
- 1934 -- Apr 15, Nevin Western Bus hits Truck on side of road, near Elyria, OH -- 6
14. 1934 -- July 22, Bus with defective brakes runs off road, Burns, Ossining, NY --19-20
- 1934 -- Nov 16, Auto's Collide and Burn, Hensheytown, ~Bellwood and Altoona, PA -- 7
15. 1935 -- Apr 12, School Bus and Train Collision, Rockville, MD²³⁶⁹ -- 14
- 1935 -- Aug 20, Vehicles Collide, wet road, car slides into bus path, near Bowie, MD -- 5
16. 1935 -- Dec 22, Bus Drives Off River Drawbridge, Hopewell, VA -- 14
17. 1936 -- Jan 31, Hwy. Accident & Fire, Prison Transport Bus, Scottsboro, AL -- 20
18. 1936 -- Mar 28, Grade Crossing Collision, Bus & Central of GA Train, Bryon, GA²³⁷⁰ -- 11

²³⁵⁵ Cross-listed in Rail.

²³⁵⁶ Cross-listed in Rail.

²³⁵⁷ Cross-listed in Rail.

²³⁵⁸ Cross-listed in Rail.

²³⁵⁹ Cross-listed in Explosions and in Hazardous Materials.

²³⁶⁰ Cross-listed in Rail.

²³⁶¹ Cross-listed in Structural Failures—Bridges.

²³⁶² Cross-listed in Rail.

²³⁶³ Cross-listed in Rail.

²³⁶⁴ Cross-listed in Rail and Winter Storms.

²³⁶⁵ Cross-listed in Rail.

²³⁶⁶ Cross-listed in Rail.

²³⁶⁷ This was the deadliest non-collision bus disaster in the U.S. until May 9, 1980 when a freighter hit the Skyway bridge in Tampa, knocking out a span, causing a Greyhound bus to fall into the Bay with 26 fatalities.

²³⁶⁸ Cross-listed in Rail.

²³⁶⁹ Cross-listed in Rail.

²³⁷⁰ Cross-listed in Rail.

19. 1937 -- Jan 28, Tamiami Trail Tour Bus goes into Canal, near Coral Gables FL -- 17
 20. 1937 -- Mar 24, Blowout, Roller-Skate Team Bus Hits Bridge, Fire, Salem IL -- 21
 1937 -- June 26, Automobiles collide head-on, west of Erick, OK -- 6
 21. 1937 -- Oct 22, School Bus hit by Rock Island Line Train *Rocket*, Mason City, IA²³⁷¹ -- 10
 1938 -- Nov 19, Auto with 7 Crippled Children Falls into Mine-Pit, Wilkes-Barre, PA -- 8
 22. 1938 -- Dec 01, Train hits Jordan High School Bus at Crossing, Midvale, UT²³⁷² -- 26

ROAD Events – Auto, Bus, Motorized Coach, Trolley, Truck, Van – Chronological (Con't)

23. 1940 -- Mar 14, Train hits farm workers Truck at Highway 83 Crossing, Alamo, TX²³⁷³ -- 29
 24. 1940 -- Apr 21, Two Cars Collide Head-on (young people 17-23), Slayton, MN²³⁷⁴ -- 12
 1940 -- Nov 07, Automobile and Gravel Truck Collide, all killed, Pipestone, MN -- 9
 25. 1941 -- Oct 26, Passenger Bus Hits Concrete Railing, Burns, Clanton, AL -- 17
 1942 -- Feb 22, Train hits car at crossing, near Abingdon, VA -- 8
 1942 -- Feb 26, Bus with airmen hit by train at RR Crossing in snow storm ~Enid, OK-- 7
 1942 -- Mar 07, Car and ammo truck collide, fire, delayed explosion, ~Selma, NC²³⁷⁵ -- 7
 26. 1942 -- Oct 03, Gasoline Tanker/Wagon/Bus/Collision, near Lumberton, NC --11-12
 27. 1942 -- Oct 28, Train Crashes into Bus, Detroit, MI²³⁷⁶ -- 16
 28. 1942 -- Dec 22, Rockslide Crushes Passenger Bus, near Aliquippa, PA²³⁷⁷ -- 22
 29. 1943 -- June 05, Army truck crashes through bridge over railroad near Nashville, TN -- 19
 1943 -- July 04, Autos Collide, near Marienville, Northwest PA -- 8
 30. 1943 -- Dec 14, War workers bus and tractor trailer collide, bus burns, ~Campbell, NY-- 11
 31. 1944 -- Jan 06, Army Air Force Bus and Train Collide, Kingman Army Air Field, AZ-- 28
 32. 1944 -- Mar 20, Bus Slides off Market St. Bridge into Passaic River, ~Passaic, NJ --19-20
 1944 -- July 2, USA Truck overturns, Farrington Hwy, Waiialua, Oahu, hits pedestrians-- 7
 33. 1944 -- Nov 21, Car/Truck Collision, Butane Gas Tank Truck Explos., Denison, TX²³⁷⁸ -- 10
 34. 1945 -- Nov 26, School Bus goes into Lake Chelan in Snowstorm, Chelan, WA -- 16
 35. 1947 -- Feb 17, Train Crew Bus-Train Collision, Michigan City, IN²³⁷⁹ -- 13
 36. 1947 -- Aug 05, Worker/Gasoline Trucks Collide and Burn, near Waxahachie, TX -- 19
 37. 1949 -- Aug 10, Greyhound Bus hits bridge, rolls and burns, IN 37 ~Bloomington, IN -- 16
 38. 1949 -- Nov 10, Cotton Pickers Truck/Semi Collide, U.S. Hwy. 80 near Gila Bend, AZ-- 10

 39. 1950 -- May 25, Collision, Green Hornet Trolley & Gasoline Tank Truck, Chicago, IL²³⁸⁰-34
 1951 -- Jan 28, Traffic Accident, Toccoa, Stephens County, GA -- 7
 40. 1951 -- Aug 18, Beer truck/car collide, truck/Greyhound bus collide ~Alpena, MI --11-14
 1952 -- Jan 28, Tire blowout, Car hits bridge, goes into slough, US 54 ~Kingman, KS -- 7

²³⁷¹ Cross-listed in Rail.

²³⁷² Cross-listed in Rail.

²³⁷³ Cross-listed in Rail.

²³⁷⁴ This was at the time the deadliest "pleasure car" accident in the country.

²³⁷⁵ The intersection of State Highways 70 and 301, where collision occurred is just between Selma and Smithfield.

Cross-listed in Explosions.

²³⁷⁶ Cross-listed in Rail.

²³⁷⁷ Cross-listed in Landslides.

²³⁷⁸ Cross-listed in Explosions and in Hazardous Materials.

²³⁷⁹ Cross-listed in Rail.

²³⁸⁰ Cross-listed in Rail.

41. 1952 -- Aug 04, Greyhound Buses Collide Head-on /Fire, Waco, TX -- 28
 42. 1953 -- Mar 20, Family Killed, Truck and Car Collision, near Washington, NJ -- 10
 1953 -- May 29, Speeding Car and 10-ton Power Shovel collide, South China, ME -- 6
 1953 -- Oct 09, Car and Motorcycle collide, US 285, 37 miles north of Roswell, NM -- 5
 43. 1954 -- June 7, Two-car collision, Rt. 416 (MD 4) Lyons Creek, Calvert County, MD -- 10
 44. 1955 -- Aug 22, Grade Crossing, School Bus Hit by Train, Spring City, TN²³⁸¹ -- 11
 45. 1956 -- Oct 03, Two Automobiles collide head-on near Muncie, IN -- 10
 46. 1956 -- Dec 16, Car, inebriated driver, hits train at Crossing, SW Phoenix, AZ -- 12
 47. 1957 -- Jun 06, Tractor-Trailer/Migrant Labor Truck Collision/Fire ~Fayetteville, NC --20-21
 48. 1957 -- June 11, Train hits Farm Worker Truck at RR Crossing, Vroman, CO -- 12
 49. 1957 -- June 13, Army Truck Skids into Piney Ford Creek, Ft. Campbell, KY -- 14
 50. 1958 -- Feb 28, School Bus Hits Truck, goes into River, Prestonsburg, KY -- 27
 1958 -- Apr 4, Car of teenagers hits Greyhound bus, St. Hwy 226 ~Creswell, OR -- 5
 51. 1958 -- June 16, Migrant Farm Worker Truck Fire (spilled gasoline) Soledad, CA -- 14
 52. 1959 -- Mar 18, Car Hit by Train, Beaver creek Girlscouts, Beaver creek, OH²³⁸² -- 10
 53. 1959 -- June 02, Collision/Fire/Explos., Propane Gas Truck, ~Deer Lake, east PA²³⁸³ --11-12
 54. 1959 -- June 08, Farm Labor Truck/Bus Crash, Fuel Explos./Fire, near Phoenix, AZ -- 17
 1959 -- June 08, Family Killed, Auto/Trucks Collide, ~Duncansville, Western PA -- 6
 1959 -- Nov 09, Vehicular Accident, three trucks and one car, West Brooklyn, IL -- 7
 1959 -- Dec 25, Car collides with concrete abutment, Hwy 9-W near Haverstraw, NY -- 8

ROAD Events – Auto, Bus, Motorized Coach, Trolley, Truck, Van – Chronological (Con't)

55. 1960 -- Mar 01, Train and Oil Tank Truck Collision, Fire, Bakersfield, CA²³⁸⁴ -- 14
 1961 -- June 17, Automobiles Collide Head-on near Lovelock, NV -- 6
 56. 1961 -- June 30, Wrong-way, Cal. speeding pickup hits Cal. Station Wagon, Jean, NV-- 11
 1961 -- Sep 24, One-ton stake-body truck (carrying 21) overturns/burns, Jacksonville, FL-- 6
 57. 1961 -- Dec 14, Train and School Bus Collision, Auburn, CO²³⁸⁵ -- 20
 58. 1962 -- July 25, Brakes fail, propane LPG tanker truck crash/explos./fire, Berlin, NY²³⁸⁶-- 10
 59. 1963 -- May 18, Farm worker bus sideswiped by truck, goes into canal, ~Belle Glade, FL -27
 60. 1963 -- Jun 10, Brakes fail, Boy Scouts in Truck goes off hill, ~Hole-in-the-Wall, UT -- 13
 61. 1963 -- Sep 02, Two-Car Collision, TX State Highway 146 near Dayton, TX -- 10
 62. 1963 -- Sep 17, Train hits migrant worker truck-bus, grade-crossing, Chualar, CA²³⁸⁷ -- 32
 63. 1963 -- Nov 3, Car goes through inoperable dead-end warning into Harlem Riv., NYC-- 11
 64. 1964 -- May 11, Train hits station wagon with 8 children at crossing, near Mesa, AZ²³⁸⁸ -- 10
 65. 1965 -- Aug 28, Collision Greyhound Bus & Timber Truck, Vinton, LA -- 11
 66. 1966 -- Dec 28, Train hits stalled Oil Tanker Truck at RR crossing, Fire, Everett, MA²³⁸⁹ -- 13
 67. 1967 -- Jun 23, Asphalt tanker truck and station wagon collide, Hardeeville, SC -- 10

²³⁸¹ Cross-listed in Rail.

²³⁸² Cross-listed in Rail

²³⁸³ Cross-listed in Explosions.

²³⁸⁴ Cross-listed in Hazardous Materials and in Rail.

²³⁸⁵ Cross-listed in Rail.

²³⁸⁶ Cross-listed in Explosions.

²³⁸⁷ Cross-listed in Rail.

²³⁸⁸ Cross-listed in Rail.

²³⁸⁹ Cross-listed in Rail.

68. 1967 -- Dec 15, Silver Bridge Collapse, vehicles fall, OH Riv., Point Pleasant, WV²³⁹⁰ -- 46
 69. 1968 -- Mar 07, Wrong-side/intoxicated driver's auto hits Bus, fire, I-15, Baker, CA -- 20
 1969 -- June 4, Automobiles Collide, near Slippery Rock, western PA -- 6
 1969 -- Nov 29, Multiple-vehicle collisions in fog, fires, NJ Turnpike, no. of Gate 2 -- 6
 1969 -- Dec 14, Eastern Star Charter Bus slides off snowy road, Gap, ~Lancaster, PA -- 7

ROAD Events – Auto, Bus, Motorized Coach, Trolley, Truck, Van – Chronological (Con't)

- 1970 -- July 15, Hillel Day Sch., L.I., NY, Charter Bus Wreck, ~New Smithville, PA -- 7
 1972 -- Mar 24, High School Bus fails to stop at crossing, hit by Train, Congers, NY -- 5
 70. 1972 -- May 13, Greyhound Bus/Freight Truck Collision, Bean Station, TN -- 14
 71. 1972 -- Nov 7, Freightier Hits Sidney Lanier Bridge, Span Collapse, Brunswick GA²³⁹¹-- 10
 72. 1972 -- Dec 26, Bus/Truck Collision, U.S. 60-84, Fort Sumner, NM -- 19
 73. 1973 -- Nov 03, Driver Heart Attack, Charter Bus Crash, I-880 ~Sacramento, CA -- 13
 74. 1974 -- Jan 19, Farm Labor Bus Crash/Submergence, Blythe, CA -- 19
 75. 1974 -- Mar 8, US INS Prison Bus/Van Collis./Parked Semi, I-8, Jacumba Mts., CA -- 13
 76. 1975 -- Apr 29, Surtigas, S.A.LP Gas Tank Truck Wreck, 277, Eagle Pass, TX²³⁹² -- 19
 77. 1975 -- Jul 3, Car/Truck-Camper Headon Collision, Rt/ 98 Navajo Reservation, no. AZ-- 10
 78. 1976 -- Feb 07, Train hits Camper-Truck of children, grade crossing, Beckemeyer, IL²³⁹³--12
 79. 1976 -- May 21, Yuba City High School Bus goes off Cliff, Yuba City, CA -- 29
 1977 -- July 14, Motor Home and car collide, rural road U.S. 69 near Stringtown, OK -- 8
 1977 -- Sep 24, Gasoline Tank Truck Collision, St. Ft. 11, Beattyville, KY²³⁹⁴ -- 7
 80. 1977 -- Oct 02, Amtrak Train hits Pickup Truck at Crossing, Plant City, FL²³⁹⁵ -- 10
 81. 1979 -- Apr 23, impaired driver, pickup speeds through curve into trees ~Crofton, MD-- 10

 82. 1980 -- May 9, Freightier hits Sunshine Skyway Bridge, span collapse, Tampa, FL²³⁹⁶ -- 35
 83. 1980 -- June 5, Central Texas Charter Tour Bus goes off Highway 7, near Jasper, AR -- 20
 84. 1981 -- Feb 18, Commuter Bus Crash, I-95, into Chopawamsic Creek ~Quantico, VA -- 11
 1981 -- March 6, Mid-Valley High School Auto Crash, Underwood Road, Throop, PA-- 8
 1. 1981 -- June 26, Converted Bus/motor home fire, I-15, Cajon Pass, ~Victorville CA -- 10
 1981 -- Nov 14, hazardous material tanker sideswipes truck, explodes ~Canon City, CO²³⁹⁷-8
 1982 -- April 7, HazMat Gasoline Truck Collision, Caldecott Tunnel, Oakland CA²³⁹⁸ -- 7
 85. 1982 -- Oct 8, Tractor Semitrailer collides head-on with church van near Lemoore, CA-- 10
 1983 -- Jan 19, Driver dozes, Semi hits cars/fire, toll booth, CT Turnpike, Stratford, CT-- 7
 1983 -- March 25, Crash, Jonesboro School District Bus, near Newport AR -- 9
 86. 1983 -- Aug 10, Car/Tractor-Trailer Head-on Collision, Hwy 86 ~Coachella, CA -- 11
 87. 1983 -- Dec 23, Collision, Activity Bus/Semitrailer, near Devers, TX -- 10
 1984 -- Sep 10, Flash Flood, family truck swept away ~15 miles W of Las Vegas, NV-- 5

²³⁹⁰ Cross-listed in Structural Collapse.

²³⁹¹ Cross-listed under Maritime and Structural Collapse/Bridge.

²³⁹² Cross-listed in Hazardous Materials.

²³⁹³ Cross-listed in Rail.

²³⁹⁴ Cross-listed in Road/Highway.

²³⁹⁵ Cross-listed in Rail.

²³⁹⁶ Cross-listed in Maritime and in Structural Collapse/Bridges. A bus and several cars fell; 22 fatalities on the bus.

²³⁹⁷ Cross-listed in HazMat. Gasoline tanker ruptured/exploded burning to death 6 passengers in nearby car.

²³⁹⁸ Cross-listed in Hazardous Materials.

88. 1985 -- Oct 6, Brush Fire Smoke, 33-Vehicle Pileup, I-5 near Sacramento, CA -- 10
 89. 1986 -- May 30, Tour Bus Crashes in West Walker River, Walker, CA -- 21
 1986 -- July 20, Stolen police car runs red light, rams car killing 6 inside, Moorestown NJ-- 6
90. 1987 -- Apr 5, Flooding/Schoharie Cr. bridge fails/vehicles fall, I-90 ~Fort Hunter²³⁹⁹ NY-- 10
 91. 1987 -- July 17, Flash Flood, Church Youth Bus & Van swept into river ~Comfort, TX²⁴⁰⁰ - 10
 92. 1988 -- May 14, Church Bus Hit by Drunk Driver, Carrollton, KY -- 27
 1988 -- Aug 3, Multi-vehicle pileup (smoke from burning field), I-5 near Albany, OR-- 7
 1988 -- Dec 23, Propane tanker hits wall explodes; parts hit house, cars, Memphis TN²⁴⁰¹-9
 1989 -- Apr 01, Hatchie River Bridge Collapse, 5 vehicles fall, near Covington, TN²⁴⁰²-- 8
93. 1989 -- Sep 21, Truck/Mission School Bus Collision/Drowning, Alton, TX -- 21
 94. 1989 -- Oct 17, Earthquake, Nimitz Highway Collapse, Loma Prieta, Northern CA²⁴⁰³ -- 41

ROAD Events – Auto, Bus, Motorized Coach, Trolley, Truck, Van – Chronological (Con't)

95. 1990 -- Jan 24, Farm Worker Van goes into Canal, curve in fog, near Clewiston, FL-- 10
 96. 1990 -- Dec 11, Fog, Multiple-Vehicle Collisions, I-75 near Calhoun, TN²⁴⁰⁴ -- 12
 97. 1991 -- Nov 29, Dust Storm, Massive I-5 Pileup, Coalinga, CA²⁴⁰⁵ -- 17
 1994 -- Feb 8, Fargo ND Van hits Snowplow in Whiteout, I-94 near Alexandria, MN -- 7
 98. 1994 -- Mar 09, Pickup Truck with 20 illegals wrecks, I-15 near Barstow, CA -- 12
 99. 1994 -- July 03, Tractor Trailer broadsides Pickup Truck near Snyder, west TX -- 11
 100. 1994 -- July 03, Tractor Trailer rear-ends Family Van, Interstate 20, Weatherford, TX-- 14
 101. 1994 -- Aug 21, SUV crosses center-line, hits sedan, Hwy Alt 97 ~Wenatchee, WA -- 11
 102. 1995 -- Apr 09, Dust Storm-Related Vehicle Accidents, Bowie, AZ²⁴⁰⁶ -- 10
 1995 -- Oct 25, School Bus stopped at crossing hit by Train, Fox River Grove, IL²⁴⁰⁷-- 7
 103. 1997 -- July 29, Dump Truck Hits Pickup Truck, Albion, Concord Township, MI -- 11
 104. 1997 -- July 30, High Schoolers' SUV in no-passing zone, hit by truck, ~Plymouth NC-- 10
 105. 1997 -- Sep 09, Van/Pickup Collide/burn, Hwy 1, ~San Julian Ranch & Lompoc, CA-- 11
 106. 1997 -- Nov 16, Highway Collision/Fog, Van and Semi, Mendota, CA²⁴⁰⁸ -- 11
 107. 1999 -- Mar 15, Amtrak train & truck collision at grade crossing, Bourbonnais, IL²⁴⁰⁹-- 11
 108. 1999 -- May 09, Casino/Tour Bus Crashes into Concrete Wall, New Orleans, LA -- 22
 109. 1999 -- Aug 09, Farm Worker Van Collides with Truck, Five Points, CA -- 13
 1999 -- Sep 25, I-84 pileup/dust storm/high wind/wheat field under plow ~Pendleton OR²⁴¹⁰-8
 110. 1999 -- Dec 04, Illegal Worker Van collides with 18-Wheeler, I-40 ~Albuquerque, NM--13

²³⁹⁹ Cross-listed in Structural Failures -- Bridges. I-90 (NY State Thruway) Schoharie Creek bridge is ~a mile south of Fort Hunter hamlet, Montgomery Co., and ~5½ miles west of Amsterdam, NY, which is 37 miles NW of Albany.

²⁴⁰⁰ Cross-listed under Flooding and Flash Floods.

²⁴⁰¹ Cross-listed in Explosions and in Hazardous Materials Events.

²⁴⁰² Cross-listed in Structural Collapse/Bridges.

²⁴⁰³ Cross-listed in Earthquakes. There was a total of 67 fatalities.

²⁴⁰⁴ Cross-listed in Fog as a Contributing Factor.

²⁴⁰⁵ Cross-listed in Dust Storms.

²⁴⁰⁶ Cross-listed in Dust Storms.

²⁴⁰⁷ Cross-listed in Rail.

²⁴⁰⁸ Cross-listed in Fog as a Contributing Factor.

²⁴⁰⁹ Cross-listed in Rail.

²⁴¹⁰ Cross-listed in Dust Storms.

111. 2000 -- Jan 23, Icy-road, Multi-vehicle Collision/Fire, I-29 near Platte City, MO -- 10
112. 2001 -- Jan 26, Black Ice Hwy Accident, Salvation Army Bus/Van, Will County, IL-- 11
 2001 -- Sep 15, Barge hits Queen Isabella Causeway, span collapses, Port Isabel, TX-- 8
 2002 -- March 26, Retirement Home Bus Crashes into van, Dodge County, WI -- 8
113. 2002 -- May 26, Barge hits Bridge, Span Collapse, vehicles fall, Webbers Falls, OK²⁴¹¹--14
114. 2002 -- Sep 12, Speeding Van, off John's Bridge btwn Eagle & Churchill Lakes, ME-- 14
115. 2002 -- Oct 11, Fog, Multi Vehicle Pileup, I-43, near Cedar Grove, WI²⁴¹² -- 10
 2003 -- Jan 2, pickup carrying illegals crashes into tractor trailer, I-80 near Menlo, IA-- 9
116. 2003 -- July 16, Car Collides with Car and Pedestrians, Santa Monica, CA -- 10
117. 2004 -- Sep 20, Tractor-trailer crosses median, hits Pickup and SUV, ~Sherman, TX-- 10
118. 2004 -- Oct 09, MCI Motorcoach Crash, I-55 near Turrell, AR -- 15
119. 2005 -- Jan 26, Train hits parked SUV; Derails; hits parked train, Glendale, CA²⁴¹³ -- 11
120. 2005 -- Sep 23, Hurricane Rita Nursing Home Bus Burns, Wilmer, TX -- 23
121. 2006 -- Aug 07, SUV with illegals flips evading Border Patrol spike strip, ~Yuma, AZ-- 10
 2007 -- March 2, Bluffton Univ., OH Baseball Team Bus crash, Atlanta, GA -- 7
122. 2007 -- Aug 01, Interstate 35W Bridge Collapse, vehicles fall, Minneapolis, MN²⁴¹⁴-- 13
 2008 -- Jan 6, Motorcoach runs off road, rolls over, U.S. Rt. 163, Mexican Hat, UT -- 9
123. 2008 -- Aug 8, Chartered Tour Bus Crash off Bridge, U.S. Highway 75, Sherman, TX-- 17
 2009 -- Jan 30, Tour Bus Crash (Loss of Control and Rollover), Dolan Springs, AZ -- 7
124. 2009 -- Jun 06, Illegal Immigrant (22) Smuggling SUV Blowout/Rolls, ~Sonoita, AZ-- 11
125. 2009 -- Jun 26, Tractor-Trailer hits multiple cars, Will Rogers Turnpike ~Miami, OK-- 10

ROAD Events – Auto, Bus, Motorized Coach, Trolley, Truck, Van – Chronological (Con't)

126. 2010 -- Mar 26, Highway Crash, Tractor-Trailer hits Van, ~Munfordville, KY -- 11
127. 2011 -- Mar 12, World Wide Travel Casino Tour Bus Crash, I-95, Bronx, NY -- 15
128. 2012 -- Jan 29, Smoke/Haze/Fog, Interstate 75 Pileup, south of Gainesville, FL -- 11
129. 2012 -- Jul 22, Pickup Truck with 23 illegals crashes, US Highway 59 ~Goliad, TX -- 14
 2012 -- Dec 30, Road, Tourist Charter Bus Crash, icy I-84 near Pendleton, OR -- 9
 2013 -- Mar 10, speeding SUV (teens) hits guardrail, flips into pond near Warren, OH-- 6
 2013 -- Oct 2, Church bus tire blowout, crash into SUV and tractor-trailer, I-40 east TN-- 8
130. 2014 -- Apr 11, FedEx truck hits High School Charter Bus, I-5 near Orland, CA -- 10
131. 2015 -- Jan 14, TX Corrections Dept. Prison Bus skids off icy I-20, hits Train ~Penwell, TX-- 10
132. 2016 -- Oct 23, Tour Bus runs into Semi, I-10, Indian Canyon near Palm Springs, CA-- 13
 2016 -- Nov 21, Woodmore elementary school bus crash, Brainerd ~Chattanooga, TN-- 5
133. 2017 -- March 29, Pickup truck hits church bus head-on, Hwy 83 near Concan, TX -- 13

²⁴¹¹ Cross-listed under Maritime and Structural Collapse.

²⁴¹² Cross-listed in Fog as a Contributing Condition.

²⁴¹³ Cross-listed in Rail, and in Violence/Manslaughter.

²⁴¹⁴ Cross-listed in Structural Collapse/Bridges.

ROAD/Highway Subset – AUTOMOBILE, PICKUP, SUV, VAN – by Fatality

1. 1968 -- Mar 07, Wrong-side/intoxicated driver's auto hits Bus, fire, I-15, Baker, CA²⁴¹⁵-- 20
2. 1951 -- Aug 18, Beer truck/car collide, truck/Greyhound bus collide ~Alpena, MI²⁴¹⁶ --11-14
3. 2002 -- Sep 12, Speeding Van, off John's Bridge between Eagle & Churchill Lakes, ME-- 14
4. 2012 -- July 22, Pickup Truck with 23 illegals crashes, US Highway 59 ~Goliad, TX -- 14
5. 1999 -- Aug 09, Farm Worker Van Collides with Truck, Five Points, CA -- 13
6. 1999 -- Dec 04, Illegal Worker Van collides with 18-Wheeler, I-40 ~Albuquerque, NM-- 13
7. 1940 -- Apr 21, Two Cars Collide Head-on (young people 17-23), Slayton, MN²⁴¹⁷ -- 12
8. 1994 -- Mar 09, Pickup Truck with 20 illegals wrecks, I-15 near Barstow, CA -- 12
9. 1961 -- June 30, Wrong-way, Cal. speeding pickup hits Cal. Station Wagon, Jean, NV-- 11
10. 1963 -- Nov 3, Car goes through inoperable dead-end warning into Harlem Riv., NYC-- 11
11. 1983 -- Aug 10, Car/Tractor-Trailer Head-on Collision, Hwy 86 ~Coachella, CA²⁴¹⁸ -- 11
12. 1994 -- Aug 21, SUV crosses center-line, hits sedan, Hwy Alt 97 ~Wenatchee, WA -- 11
13. 1997 -- Sep 09, Van/Pickup Collide/burn, Hwy 1, ~San Julian Ranch & Lompoc, CA -- 11
14. 2009 -- Jun 06, Illegal Immigrant (22) Smuggling SUV Blowout/Rolls, ~Sonoita, AZ -- 11

15. 1954 -- June 7, Two-car collision, Rt. 416 (MD 4) Lyons Creek, Calvert County, MD -- 10
16. 1956 -- Oct 03, Two Automobiles collide head-on near Muncie, IN -- 10
17. 1963 -- Sep 02, Two-Car Collision, TX State Highway 146 near Dayton, TX -- 10
18. 1975 -- July 3, Car/Truck-Camper Headon Collision, Rt/ 98 Navajo Reservation, no. AZ-- 10
19. 1979 -- Apr 23, impaired driver, pickup speeds through curve into trees ~Crofton, MD-- 10
20. 1987 -- Apr 5, Flooding/Schoharie Cr. bridge fails/vehicles fall, I-90 ~Fort Hunter²⁴¹⁹ NY-- 10
21. 1990 -- Jan 24, Farm Worker Van goes into Canal, curve in fog, near Clewiston, FL -- 10
22. 1997 -- July 30, High Schoolers' SUV in no-passing zone, hit by truck, ~Plymouth NC-- 10
23. 2003 -- July 16, Car Collides with Car and Pedestrians, Santa Monica, CA -- 10
24. 2006 -- Aug 07, SUV with illegals flips evading Border Patrol spike strip, ~Yuma, AZ-- 10

Other (fewer than ten lives lost):

- 1912 -- Oct 07, Racing Cars Collide, Thirty-third Street Bridge, Philadelphia, PA -- 9
- 2003 -- Jan 2, pickup carrying illegals crashes into tractor trailer, I-80 near Menlo, IA -- 9
- 1919 -- Jan 26, Nitroglycerin explodes, wagon going through town of Big Heart, OK²⁴²⁰ -- 8-9
- 1926 -- Nov 1, Truck hits Street Car head-on, is hit by following truck, Fire, Dayton, OH -- 8
- 1938 -- Nov 19, Auto with 7 Crippled Children Falls into Mine-Pit, Wilkes-Barre, PA -- 8
- 1943 -- July 04, Autos Collide, near Marienville, Northwest PA -- 8
- 1959 -- Dec 25, Car collides with concrete abutment, Hwy 9-W near Haverstraw, NY -- 8
- 1977 -- July 14, Motor Home and car collide, rural road U.S. 69 near Stringtown, OK²⁴²¹ -- 8
- 1981 -- Mar 6, Mid-Valley High School Auto Crash, Underwood Road, Throop, PA -- 8

²⁴¹⁵ Cross-listed in Bus subsection. An intoxicated auto driver going 65 mph the wrong way on an Interstate highway hits a bus, resulting in 19 fatalities on the bus in addition to the death of the auto driver.

²⁴¹⁶ Cross-listed in bus and in truck subsets, where all the fatalities occurred.

²⁴¹⁷ This was at the time the deadliest "pleasure car" accident in the country.

²⁴¹⁸ All the fatalities were in the car, which ran a stop-sign, while speeding, and was hit by the truck.

²⁴¹⁹ Cross-listed in Structural Failures -- Bridges. I-90 (NY State Thruway) Schoharie Creek bridge is ~a mile south of Fort Hunter hamlet, Montgomery Co., and ~5½ miles west of Amsterdam, NY, which is 37 miles NW of Albany.

²⁴²⁰ Cross-listed in Explosions and in Hazardous Materials.

²⁴²¹ Six of the fatalities were in the car which swerved into the path of the mobile home.

2001 -- Sep 15, Barge hits Queen Isabella Causeway, span collapses, Port Isabel, TX -- 8
 2008 -- Feb 16, Car hits street race spectators, Indian Head Highway, Accokeek, MD²⁴²² -- 8

ROAD/Highway Subset – AUTOMOBILE, PICKUP, SUV, VAN – by Fatality

1934 -- Nov 16, Auto's Collide and Burn, Hensheytown, ~Bellwood and Altoona, PA -- 7
 1942 -- Mar 07, Car and ammo truck collide, fire, delayed explosion, ~Selma, NC²⁴²³ -- 7
 1951 -- Jan 28, Traffic Accident, Toccoa, Stephens County, GA -- 7
 1952 -- Jan 28, Tire blowout, Car hits bridge, goes into slough, US 54 ~Kingman, KS -- 7
 1959 -- Nov 09, Vehicular Accident, three trucks and one car, West Brooklyn, IL²⁴²⁴ -- 7
 1988 -- Aug 3, Multi-vehicle pileup (smoke from burning field), I-5 near Albany, OR -- 7

1937 -- June 26, Automobiles collide head-on, west of Erick, OK -- 6
 1959 -- June 08, Family Killed, Auto/Trucks Collide, ~Duncansville, Western PA -- 6
 1961 -- June 17, Automobiles Collide Head-on near Lovelock, NV -- 6
 1961 -- Sep 24, One-ton stake-body truck (carrying 21) overturns/burns, Jacksonville, FL -- 6
 1969 -- June 4, Automobiles Collide, near Slippery Rock, western PA -- 6
 1986 -- July 20, Stolen police car runs red light, rams car killing 6 inside, Moorestown, NJ-- 6
 2013 -- Mar 10, speeding SUV (teens) hits guardrail, flips into pond near Warren, OH -- 6

1935 -- Aug 20, Vehicles Collide, wet road, car slides into bus path, near Bowie, MD -- 5
 1953 -- Oct 9, Car and Motorcycle collide, US 285, 37 miles north of Roswell, NM -- 5
 1958 -- Apr 4, Car of teenagers hits Greyhound bus, St. Hwy 226 ~Creswell, OR -- 5
 1984 -- Sep 10, Flash Flood, family truck swept away ~15 miles W of Las Vegas, NV -- 5

²⁴²² Cross-listed in Automobile Racing.

²⁴²³ The intersection of State Highways 70 and 301, where collision occurred is just between Selma and Smithfield. Cross-listed in Explosions.

²⁴²⁴ Six of the dead were family members in the car. One truck driver was killed.

ROAD/Highway Events Subset – AUTOMOBILE, PICKUP, SUV, VAN – Chronological

- 1912 -- Oct 07, Racing Cars Collide, Thirty-third Street Bridge, Philadelphia, PA -- 9
 1919 -- Jan 26, Nitroglycerin explodes, wagon going through town of Big Heart, OK²⁴²⁵ --8-9
- 1926 -- Nov 1, Truck hits Street Car head-on, is hit by following truck, Fire, Dayton, OH -- 8
- 1934 -- Nov 16, Auto's Collide and Burn, Hensheytown, ~Bellwood and Altoona, PA -- 7
 1935 -- Aug 20, Vehicles Collide, wet road, car slides into bus path, near Bowie, MD -- 5
 1937 -- June 26, Automobiles collide head-on, west of Erick, OK -- 6
 1938 -- Nov 19, Auto with 7 Crippled Children Falls into Mine-Pit, Wilkes-Barre, PA -- 8
1. 1940 -- Apr 21, Two Cars Collide Head-on (young people 17-23), Slayton, MN²⁴²⁶ -- 12
 1943 -- July 04, Autos Collide, near Marienville, Northwest PA -- 8
2. 1951 -- Aug 18, Beer truck/car collide, truck/Greyhound bus collide ~Alpena, MI²⁴²⁷ --11-14
 1953 -- Oct 09, Car and Motorcycle collide, US 285, 37 miles north of Roswell, NM -- 5
3. 1954 -- June 7, Two-car collision, Rt. 416 (MD 4) Lyons Creek, Calvert County, MD -- 10
4. 1956 -- Oct 03, Two Automobiles collide head-on near Muncie, IN -- 10
 1958 -- Apr 04, Car of teenagers hits Greyhound bus, St. Hwy 226 ~Creswell, OR -- 5
 1959 -- June 08, Family Killed, Auto/Trucks Collide, ~Duncansville, Western PA -- 6
5. 1959 -- Oct 09, Semi-trailer tanker rear-ends Trenton St. Col. bus, New Brunswick, NJ-- 12
 1959 -- Nov 09, Vehicular Accident, three trucks and one car, West Brooklyn, IL²⁴²⁸ -- 7
 1959 -- Dec 25, Car collides with concrete abutment, Hwy 9-W near Haverstraw, NY -- 8
- 1961 -- June 17, Automobiles Collide Head-on near Lovelock, NV -- 6
6. 1961 -- June 30, Wrong-way, Cal. speeding pickup hits Cal. Station Wagon, Jean, NV-- 11
7. 1963 -- Sep 02, Two-Car Collision, TX State Highway 146 near Dayton, TX -- 10
8. 1963 -- Nov 3, Car goes through inoperable dead-end warning into Harlem Riv., NYC-- 11
9. 1968 -- Mar 07, Wrong-side/intoxicated driver's auto hits Bus, fire, I-15, Baker, CA²⁴²⁹ -- 20
 1969 -- June 4, Automobiles Collide, near Slippery Rock, western PA -- 6
10. 1975 -- July 3, Car/Truck-Camper Headon Collision, Rt/ 98 Navajo Reservation, no. AZ—10
 1977 -- July 14, Motor Home and car collide, rural road U.S. 69 near Stringtown, OK²⁴³⁰ -- 8
11. 1979 -- Apr 23, impaired driver, pickup speeds through curve into trees ~Crofton, MD-- 10
- 1981 -- Mar 6, Mid-Valley High School Auto Crash, Underwood Road, Throop, PA -- 9
12. 1983 -- Aug 10, Car/Tractor-Trailer Head-on Collision, Hwy 86 ~Coachella, CA²⁴³¹ -- 11
 1984 -- Sep 10, Flash Flood, family truck swept away ~15 miles W of Las Vegas, NV-- 5

²⁴²⁵ Cross-listed in Explosions and in Hazardous Materials.

²⁴²⁶ This was at the time the deadliest "pleasure car" accident in the country.

²⁴²⁷ Cross-listed in bus and in truck subsets.

²⁴²⁸ Six of the dead were family members in the car. One truck driver was killed.

²⁴²⁹ Cross-listed in Bus subsection. An intoxicated auto driver going 65 mph the wrong way on an Interstate highway hits a bus, resulting in 19 fatalities on the bus in addition to the death of the auto driver.

²⁴³⁰ Six of the fatalities were in the car which swerved into the path of the mobile home.

²⁴³¹ All the fatalities were in the car, which ran a stop-sign, while speeding, and was hit by the truck.

- 1986 -- July 20, Stolen police car runs red light, rams car killing 6 inside, Moorestown NJ-- 6
 13. 1987 -- Apr 5, Flooding/Schoharie Cr. bridge fails/vehicles fall, I-90 ~Fort Hunter²⁴³² NY-- 10
 1988 -- Aug 3, Multi-vehicle pileup (smoke from burning field), I-5 near Albany, OR -- 7

ROAD/Highway Events Subset – AUTOMOBILE, PICKUP, SUV, VAN – Chronological

14. 1990 -- Jan 24, Farm Worker Van goes into Canal, curve in fog, near Clewiston, FL -- 10
 1994 -- Feb 8, Fargo ND Van hits Snowplow in Whiteout, I-94 near Alexandria, MN -- 7
 15. 1994 -- March 9, Pickup Truck with 20 illegals wrecks, I-15 near Barstow, CA -- 12
 16. 1994 -- Aug 21, SUV crosses center-line, hits sedan, Hwy Alt 97 ~Wenatchee, WA -- 11
 17. 1997 -- July 30, High Schoolers' SUV in no-passing zone, hit by truck, ~Plymouth NC-- 10
 18. 1997 -- Sep 09, Van/Pickup Collide/burn, Hwy 1, ~San Julian Ranch & Lompoc, CA -- 11
 19. 1999 -- Aug 09, Farm Worker Van Collides with Truck, Five Points, CA -- 13
 20. 1999 -- Dec 04, Illegal Worker Van collides with 18-Wheeler, I-40 ~Albuquerque, NM-- 13
 2001 -- Sep 15, Barge hits Queen Isabella Causeway, span collapses, Port Isabel, TX -- 8
 21. 2002 -- Sep 12, Speeding Van, off John's Bridge btwn Eagle & Churchill Lakes, ME -- 14
 2003 -- Jan 02, pickup carrying illegals crashes into tractor trailer, I-80 near Menlo, IA-- 9
 22. 2003 -- July 16, Car Collides with Car and Pedestrians, Santa Monica, CA -- 10
 23. 2006 -- Aug 07, SUV with illegals flips evading Border Patrol spike strip, ~Yuma, AZ-- 10
 2008 -- Feb 16, Car hits street race spectators, Indian Head Highway, Accokeek, MD²⁴³³-- 8
 24. 2009 -- Jun 06, Illegal Immigrant (22) Smuggling SUV Blowout/Rolls, ~Sonoita, AZ -- 11
 25. 2012 -- July 22, Pickup Truck with 23 illegals crashes, US Highway 59 ~Goliad, TX -- 14

²⁴³² Cross-listed in Structural Failures -- Bridges. I-90 (NY State Thruway) Schoharie Creek bridge is ~a mile south of Fort Hunter hamlet, Montgomery Co., and ~5½ miles west of Amsterdam, NY, which is 37 miles NW of Albany.

²⁴³³ Cross-listed in Automobile Racing.

ROAD / HWY Events -- BRIDGE or SPAN Collapse Subset -- By Mortality

1. 1989 -- Oct 17, Earthquake, Nimitz Highway Collapse, Loma Prieta, Northern CA²⁴³⁴ -- 41
2. 1967 -- Dec 15, Silver Bridge Collapse, vehicles fall, OH Riv., Point Pleasant, WV²⁴³⁵ -- 46
3. 1980 -- May 09, Freighter hits Sunshine Skyway Bridge, span collapse, Tampa, FL²⁴³⁶ -- 35
4. 1922 -- Sep 11, Truck falls through wood bridge, Satilla Riv., 20 mi. ~Homerville, GA²⁴³⁷ -18
5. 2002 -- May 26, Barge hits Bridge, Span Collapse, vehicles fall, Webbers Falls, OK²⁴³⁸ -- 14
6. 2007 -- Aug 01, Interstate 35W Bridge Collapse, vehicles fall, Minneapolis, MN²⁴³⁹ -- 13
7. 1972 -- Nov 7, Freighter Hits Sidney Lanier Bridge, Span Collapse, Brunswick GA²⁴⁴⁰ -- 10
8. 1987 -- Apr 05, Bridge Collapse, Schoharie Crk., NY State Thruway, Amsterdam NY²⁴⁴¹ --10

9. 1989 -- Apr 01, Hatchie River Bridge Collapse, 5 vehicles fall, near Covington, TN²⁴⁴² -- 8
10. 2001 -- Sep 15, Barge hits Queen Isabella Causeway, span collapses, Port Isabel, TX -- 8

²⁴³⁴ Cross-listed in Earthquakes. There was a total of 67 fatalities.

²⁴³⁵ Cross-listed in Structural Collapse.

²⁴³⁶ Cross-listed in Maritime and in Structural Collapse/Bridges. A bus and several cars fell; 22 fatalities on the bus.

²⁴³⁷ Cross-listed in Structural Failures—Bridges.

²⁴³⁸ Cross-listed under Maritime and Structural Collapse.

²⁴³⁹ Cross-listed in Structural Collapse/Bridges.

²⁴⁴⁰ Cross-listed under Maritime and Structural Collapse/Bridge.

²⁴⁴¹ Cross-listed in Flooding and in Structural Collapse/Bridges.

²⁴⁴² Cross-listed in Structural Collapse/Bridges.

ROAD/HWY Subset -- BUS/MOTORCOACH /VAN (Other than School Buses) --Mortality

1.	1963 -- Sep 17, Train hits migrant worker truck-bus, grade-crossing, Chualar, CA ²⁴⁴³	--	32
2.	1944 -- Jan 06, Army Air Force Bus and Train Collide, Kingman Army Air Field, AZ	--	28
3.	1952 -- Aug 04, Greyhound Buses Collide Head-on /Fire, Waco, TX	--	28
4.	1963 -- May 18, Farm worker bus sideswiped by truck, goes into canal, ~Belle Glade, FL ²⁴⁴⁴		27
5.	1988 -- May 14, Church Bus Hit by Drunk Driver, Carrollton, KY	--	27
6.	1980 -- May 09, Freightner hits bridge, span collapse, Greyhound bus falls, Tampa, FL ²⁴⁴⁵	--	26
7.	1931 -- Aug 03, Bus goes through open drawbridge, Sampit River ~Georgetown, SC ²⁴⁴⁶	--	23
8.	2005 -- Sep 23, Hurricane Rita Nursing Home Bus Burns, Wilmer, TX	--	23
9.	1930 -- Apr 11, Train Hits Pickwick-Greyhound Bus, near Isleta, NM ²⁴⁴⁷	--	22
10.	1942 -- Dec 22, Rockslide Crushes Passenger Bus, near Aliquippa, PA ²⁴⁴⁸	--	22
11.	1999 -- May 9, Casino/Tour Bus Crashes into Concrete Wall, New Orleans, LA	--	22
12.	1937 -- Mar 24, Blowout, Roller-Skate Team Bus Hits Bridge, Fire, Salem IL	--	21
13.	1986 -- May 30, Tour Bus Crashes in West Walker River, Walker, CA	--	21
14.	1929 -- Jan 22, Train Hits Greyhound Bus, Snowstorm, near Bellevue, OH ²⁴⁴⁹	--	20
15.	1934 -- July 22, Bus with defective brakes runs off road, Burns, Ossining, NY	--	19-20
16.	1936 -- Jan 31, Hwy. Accident & Fire, Prison Transport Bus, Scottsboro, AL	--	20
17.	1944 -- Mar 20, Bus Slides off Market St. Bridge into Passaic River, ~Passaic, NJ	--	19-20
18.	1968 -- Mar 07, Wrong-side/intoxicated driver's auto hits Bus, fire, I-15, Baker, CA	--	20
19.	1980 -- June 5, Central Texas Charter Tour Bus goes off Highway 7, near Jasper, AR	--	20
20.	1972 -- Dec 26, Bus/Truck Collision, U.S. 60-84, Fort Sumner, NM	--	19
21.	1974 -- Jan 19, Farm Labor Bus Crash/Submergence, Blythe, CA	--	19
22.	1937 -- Jan 28, Tamiami Trail Tour Bus goes into Canal, near Coral Gables FL	--	17
23.	1941 -- Oct 26, Passenger Bus Hits Concrete Railing, Burns, Clanton, AL	--	17
24.	2008 -- Aug 8, Chartered Tour Bus Crash off Bridge, U.S. Highway 75, Sherman, TX	--	17
25.	1942 -- Oct 28, Train Crashes into Bus, Detroit, MI ²⁴⁵⁰	--	16
26.	1949 -- Aug 10, Greyhound Bus hits bridge, rolls and burns, IN 37 ~Bloomington, IN	--	16
27.	2004 -- Oct 09, MCI Motorcoach Crash, I-55 near Turrell, AR	--	15
28.	2011 -- Mar 12, World Wide Travel Casino Tour Bus Crash, I-95, Bronx, NY	--	15
29.	1935 -- Dec 22, Bus Drives Off River Drawbridge, Hopewell, VA	--	14
30.	1951 -- Aug 18, Beer truck/car collide, truck/Greyhound bus collide ~Alpena, MI ²⁴⁵¹	--	11-14
31.	1960 -- Mar 01, Train and Oil Tank Truck Collision, Fire, Bakersfield, CA ²⁴⁵²	--	14
32.	1972 -- May 13, Greyhound Bus/Freight Truck Collision, Bean Station, TN	--	14
33.	1947 -- Feb 17, Train Crew Bus-Train Collision, Michigan City, IN ²⁴⁵³	--	13

²⁴⁴³ Cross-listed in Rail. This was a flatbed truck which had been converted into a bus-like vehicle.

²⁴⁴⁴ Cross-listed in Truck subset as well -- a passing, sideswiping, pickup truck caused the bus to go into the canal.

²⁴⁴⁵ Cross-listed in Maritime and in Structural Collapse/Bridges. There were 35 total fatalities.

²⁴⁴⁶ This was the deadliest non-collision bus disaster in the U.S. until May 9, 1980 when a freighter hit the Skyway bridge in Tampa, knocking out a span, causing a Greyhound bus to fall into the Bay with 26 fatalities.

²⁴⁴⁷ Cross-listed in Rail.

²⁴⁴⁸ Cross-listed in Landslides.

²⁴⁴⁹ Cross-listed in Rail and Winter Storms.

²⁴⁵⁰ Cross-listed in Rail.

²⁴⁵¹ Cross-listed in auto and in truck subsets.

²⁴⁵² Cross-listed in Hazardous Materials and in Rail.

34.	1973 -- Nov 03, Driver Heart Attack, Charter Bus Crash, I-880 ~Sacramento, CA	--	13
35.	1974 -- Mar 08, US INS Prison Bus/Van Collis./Parked Semi, I-8, Jacumba Mts., CA	--	13
36.	2016 -- Oct 23, Tour Bus runs into Semi, I-10, Indian Canyon near Palm Springs, CA	--	13
37.	2017 -- March 29, Pickup truck hits church bus head-on, Hwy 83 near Concan, TX	--	13
38.	1942 -- Oct 03, Gasoline Tanker/Wagon/Bus/Collision, near Lumberton, NC	--	11-12
39.	1936 -- Mar 28, Grade Crossing Collision, Bus & Central of Georgia Train, Bryon, GA ²⁴⁵⁴		11
40.	1940 -- Apr 21, Two Cars Collide Head-on (young people 17-23), Slayton, MN	--	11
41.	1943 -- Dec 14, War workers bus and tractor trailer collide, bus burns, ~Campbell, NY	--	11
42.	1965 -- Aug 28, Collision Greyhound Bus & Timber Truck, Vinton, LA	--	11
43.	1981 -- Feb 18, Commuter Bus Crash, I-95, into Chopawamsic Creek ~Quantico, VA	--	11

ROAD/HWY Subset--BUS/Motorcoach/VAN (Other than School Buses)--Mortality (Cont.)

44.	1926 -- Jul 22, Bus with Brooklyn excursionists Overturns, near Nyack, NY	--	10
45.	1927 -- Jan 22, Baylor Univ. Basketball Team Bus Hit by Train, Round Rock, TX ²⁴⁵⁵	--	10
46.	1981 -- June 26, Converted Bus/motor home fire, I-15, Cajon Pass, ~Victorville CA	--	10
47.	1982 -- Oct 8, Tractor Semitrailer collides head-on with church van near Lemoore, CA	--	10
48.	1987 -- July 17, Flash Flood, Church Youth Bus & Van swept into river ~Comfort, TX ²⁴⁵⁶	--	10
49.	1983 -- Dec 23, Collision, Activity Bus/Semitrailer, near Devers, TX	--	10
50.	2015 -- Jan 14, TX Corrections Dept. Prison Bus skids off icy I-20, hits Train ~Penwell, TX	--	10

Other:

2008	-- Jan 6, Motorcoach runs off road, rolls over, U.S. Rt. 163, Mexican Hat, UT	--	9
2012	-- Dec 30, Road, Tourist Charter Bus Crash, icy I-84 near Pendleton, OR	--	9
2002	-- March 26, Retirement Home Bus Crashes into van, Dodge County, WI	--	8
2013	-- Oct 2, Church bus tire blowout, crash into SUV and tractor-trailer, I-40, east TN	--	8
1942	-- Feb 26, Bus with airmen hit by train at RR Crossing in snow storm ~Enid, OK	--	7
1969	-- Dec 14, Eastern Star Charter Bus slides off snowy road, Gap, ~Lancaster, PA	--	7
1970	-- Jul 15, Hillel Day Sch., L.I., NY, Charter Bus Wreck, ~New Smithville, PA	--	7
2009	-- Jan 30, Tour Bus Crash (Loss of Control and Rollover), Dolan Springs, AZ	--	7
1934	-- Apr 15, Nevin Western Bus hits Truck on side of road, near Elyria, OH	--	6
1935	-- Aug 20, Vehicles Collide, wet road, car slides into bus path, near Bowie, MD ²⁴⁵⁷	--	5

²⁴⁵³ Cross-listed in Rail.

²⁴⁵⁴ Cross-listed in Rail.

²⁴⁵⁵ Cross-listed in Rail.

²⁴⁵⁶ Cross-listed under Flooding and Flash Floods.

²⁴⁵⁷ All the deaths were in the car, though the bus did turn over.

ROAD/HWY Subset--BUS/Motorcoach/VAN (Other than School Buses) -- Chronological

1. 1926 -- Jul 22, Bus with Brooklyn excursionists Overturns, near Nyack, NY -- 10
2. 1927 -- Jan 22, Baylor Univ. Basketball Team Bus Hit by Train, Round Rock, TX²⁴⁵⁸ -- 10
3. 1929 -- Jan 22, Train Hits Greyhound Bus, Snowstorm, near Bellevue, OH²⁴⁵⁹ -- 20

4. 1930 -- Apr 11, Train Hits Pickwick-Greyhound Bus, near Isleta, NM²⁴⁶⁰ -- 22
5. 1931 -- Aug 03, Bus goes through open drawbridge, Sampit River ~Georgetown, SC²⁴⁶¹ --23
1934 -- Apr 15, Nevin Western Bus hits Truck on side of road, near Elyria, OH -- 6
6. 1934 -- July 22, Bus with defective brakes runs off road, Burns, Ossining, NY --19-20
1935 -- Aug 20, Vehicles Collide, wet road, car slides into bus path, near Bowie, MD²⁴⁶² -- 5
7. 1935 -- Dec 22, Bus Drives Off River Drawbridge, Hopewell, VA -- 14
8. 1936 -- Jan 31, Hwy. Accident & Fire, Prison Transport Bus, Scottsboro, AL -- 20
9. 1936 -- Mar 28, Grade Crossing Collision, Bus & Central of Georgia Train, Bryon, GA²⁴⁶³ 11
10. 1937 -- Jan 28, Tamiami Trail Tour Bus goes into Canal, near Coral Gables, FL -- 17
11. 1937 -- Mar 24, Blowout, Roller-Skate Team Bus Hits Bridge, Fire, Salem, IL -- 21

12. 1941 -- Oct 26, Passenger Bus Hits Concrete Railing, Burns, Clanton, AL -- 17
13. 1942 -- Oct 03, Gasoline Tanker/Wagon/Bus/Collision, near Lumberton, NC --11-12
14. 1942 -- Oct 28, Train Crashes into Bus, Detroit, MI²⁴⁶⁴ -- 16
15. 1942 -- Dec 22, Rockslide Crushes Passenger Bus, near Aliquippa, PA²⁴⁶⁵ -- 22
16. 1944 -- Jan 06, Army Air Force Bus and Train Collide, Kingman Army Air Field, AZ -- 28
17. 1944 -- Mar 20, Bus Slides off Market St. Bridge into Passaic River, ~Passaic, NJ --19-20
18. 1947 -- Feb 17, Train Crew Bus-Train Collision, Michigan City, IN²⁴⁶⁶ -- 13
19. 1949 -- Aug 10, Greyhound Bus Overturn/Fire, Bloomington, IN -- 15

20. 1951 -- Aug 18, Beer truck/car collide, truck/Greyhound bus collide ~Alpena, MI²⁴⁶⁷ --11-14
21. 1952 -- Aug 04, Greyhound Buses Collide Head-on /Fire, Waco, TX -- 28

22. 1960 -- Mar 01, Train and Oil Tank Truck Collision, Fire, Bakersfield, CA²⁴⁶⁸ -- 14
23. 1963 -- May 18, Farm worker bus sideswiped by truck, goes into canal, ~Belle Glade, FL²⁴⁶⁹ 27
24. 1963 -- Sep 17, Train hits migrant worker truck-bus, grade-crossing, Chualar, CA²⁴⁷⁰ -- 32
25. 1965 -- Aug 28, Collision Greyhound Bus & Timber Truck, Vinton, LA -- 11
26. 1968 -- Mar 07, Wrong-side/intoxicated driver's auto hits Bus, fire, I-15, Baker, CA -- 20

²⁴⁵⁸ Cross-listed in Rail.

²⁴⁵⁹ Cross-listed in Rail and Winter Storms.

²⁴⁶⁰ Cross-listed in Rail.

²⁴⁶¹ This was the deadliest non-collision bus disaster in the U.S. until May 9, 1980 when a freighter hit the Skyway bridge in Tampa, knocking out a span, causing a Greyhound bus to fall into the Bay with 26 fatalities.

²⁴⁶² All the deaths were in the car, though the bus did turn over.

²⁴⁶³ Cross-listed in Rail.

²⁴⁶⁴ Cross-listed in Rail.

²⁴⁶⁵ Cross-listed in Landslides.

²⁴⁶⁶ Cross-listed in Rail.

²⁴⁶⁷ Cross-listed in auto and in truck subsets.

²⁴⁶⁸ Cross-listed in Hazardous Materials and in Rail.

²⁴⁶⁹ Cross-listed in Truck subset as well -- a passing, sideswiping, pickup truck caused the bus to go into the canal.

²⁴⁷⁰ Cross-listed in Rail. This was a flatbed truck which had been converted into a bus-like vehicle.

1969 -- Dec 14, Eastern Star Charter Bus slides off snowy road, Gap, ~Lancaster, PA -- 7

ROAD/HWY Events -- BUS/MOTORCOACH/VAN (not School Buses) -- Chronological

- 1970 -- Jul 15, Hillel Day Sch., L.I., NY, Charter Bus Wreck, ~New Smithville, PA -- 7
27. 1972 -- May 13, Greyhound Bus/Freight Truck Collision, Bean Station, TN -- 14
28. 1972 -- Dec 26, Bus/Truck Collision, U.S. 60-84, Fort Sumner, NM -- 19
29. 1973 -- Nov 03, Driver Heart Attack, Charter Bus Crash, I-880 ~Sacramento, CA -- 13
30. 1974 -- Jan 19, Farm Labor Bus Crash/Submergence, Blythe, CA -- 19
31. 1974 -- Mar 08, US INS Prison Bus/Van Collis./Parked Semi, I-8, Jacumba Mts., CA -- 13
32. 1980 -- May 09, Freightier hits bridge, span collapse, Greyhound bus falls, Tampa, FL²⁴⁷¹--26
33. 1980 -- June 5, Central Texas Charter Tour Bus goes off Highway 7, near Jasper, AR -- 20
34. 1981 -- Feb 18, Commuter Bus Crash, I-95, into Chopawamsic Creek ~Quantico, VA -- 11
35. 1981 -- June 26, Converted Bus/motor home fire, I-15, Cajon Pass, ~Victorville CA -- 10
36. 1982 -- Oct 8, Tractor Semitrailer collides head-on with church van near Lemoore, CA-- 10
37. 1983 -- Dec 23, Collision, Activity Bus/Semitrailer, near Devers, TX -- 10
38. 1986 -- May 30, Tour Bus Crashes in West Walker River, Walker, CA -- 21
39. 1987 -- July 17, Flash Flood, Church Youth Bus & Van swept into river ~Comfort, TX²⁴⁷²-- 10
40. 1988 -- May 14, Church Bus Hit by Drunk Driver, Carrollton, KY -- 27
41. 1999 -- May 9, Casino/Tour Bus Crashes into Concrete Wall, New Orleans, LA -- 22
- 2002 -- March 26, Retirement Home Bus Crashes into van, Dodge County, WI -- 8
42. 2004 -- Oct 09, MCI Motorcoach Crash, I-55 near Turrell, AR -- 15
43. 2005 -- Sep 23, Hurricane Rita Nursing Home Bus Burns, Wilmer, TX -- 23
- 2008 -- Jan 6, Motorcoach runs off road, rolls over, U.S. Rt. 163, Mexican Hat, UT -- 9
44. 2008 -- Aug 8, Chartered Tour Bus Crash off Bridge, U.S. Highway 75, Sherman, TX-- 17
45. 2009 -- Jan 30, Tour Bus Crash (Loss of Control and Rollover), Dolan Springs, AZ -- 7
46. 2011 -- Mar 12, World Wide Travel Charter Casino Tour Bus Crash, I-95, Bronx, NY-- 15
- 2012 -- Dec 30, Road, Tourist Charter Bus Crash, icy I-84 near Pendleton, OR -- 9
- 2013 -- Oct 02, Church bus tire blowout, crash into SUV and tractor-trailer, I-40 east TN-- 8
47. 2015 -- Jan 14, TX Corrections Dept. Prison Bus skids off icy I-20, hits Train ~Penwell, TX-- 10
48. 2016 -- Oct 23, Tour Bus runs into Semi, I-10, Indian Canyon near Palm Springs, CA -- 13
49. 2017 -- March 29, Pickup truck hits church bus head-on, Hwy 83 near Concan, TX -- 13

²⁴⁷¹ Cross-listed in Maritime and in Structural Collapse/Bridges. There were 35 total fatalities.

²⁴⁷² Cross-listed under Flooding and Flash Floods.

ROAD / Highway Events – MULTI-VEHICLE Crashes, Pileups – By Mortality

1. 1991 -- Nov 29, Dust Storm, Massive I-5 Pileup, Coalinga, CA²⁴⁷³ -- 17
2. 1990 -- Dec 11, Fog, Multiple-Vehicle Collisions, I-75 near Calhoun, TN²⁴⁷⁴ -- 12
3. 2012 -- Jan 29, Smoke/Haze/Fog, Interstate 75 Pileup, south of Gainesville, FL -- 11
4. 1985 -- Oct 06, Brush Fire Smoke, 33-Vehicle Pileup, I-5 near Sacramento, CA -- 10
5. 1995 -- Apr 09, Dust Storm-Related Vehicle Accidents, Bowie, AZ²⁴⁷⁵ -- 10
6. 2002 -- Oct 11, Fog, Multi Vehicle Pileup, I-43, near Cedar Grove, WI²⁴⁷⁶ -- 10
7. 2009 -- Jun 26, Tractor-Trailer hits multiple cars, Will Rogers Turnpike ~Miami, OK -- 10

8. 1988 -- Aug 3, Multi-vehicle pileup (smoke from burning field), I-5 near Albany, OR -- 7
9. 1969 -- Nov 29, Multiple-vehicle collisions in fog, fires, NJ Turnpike, no. of Gate 2 -- 6

ROAD / Highway Events – MULTI-VEHICLE Crashes, Pileups – Chronological

1. 1969 -- Nov 29, Multiple-vehicle collisions in fog, fires, NJ Turnpike, no. of Gate 2 -- 6
2. 1985 -- Oct 06, Brush Fire Smoke, 33-Vehicle Pileup, I-5 near Sacramento, CA -- 10
3. 1988 -- Aug 3, Multi-vehicle pileup (smoke from burning field), I-5 near Albany, OR -- 7
4. 1990 -- Dec 11, Fog, Multiple-Vehicle Collisions, I-75 near Calhoun, TN²⁴⁷⁷ -- 12
5. 1991 -- Nov 29, Dust Storm, Massive I-5 Pileup, Coalinga, CA²⁴⁷⁸ -- 17
6. 1995 -- Apr 09, Dust Storm-Related Vehicle Accidents, Bowie, AZ²⁴⁷⁹ -- 10
7. 2002 -- Oct 11, Fog, Multi Vehicle Pileup, I-43, near Cedar Grove, WI²⁴⁸⁰ -- 10
8. 2009 -- Jun 26, Tractor-Trailer hits multiple cars, Will Rogers Turnpike ~Miami, OK -- 10
9. 2012 -- Jan 29, Smoke/Haze/Fog, Interstate 75 Pileup, south of Gainesville, FL -- 11

²⁴⁷³ Cross-listed in Dust Storms.

²⁴⁷⁴ Cross-listed in Fog as a Contributing Factor.

²⁴⁷⁵ Cross-listed in Dust Storm.

²⁴⁷⁶ Cross-listed in Fog as a Contributing Condition.

²⁴⁷⁷ Cross-listed in Fog as a Contributing Factor.

²⁴⁷⁸ Cross-listed in Dust Storms.

²⁴⁷⁹ Cross-listed in Dust Storm.

²⁴⁸⁰ Cross-listed in Fog as a Contributing Condition.

ROAD / Highway Accidents/Incidents -- SCHOOL BUS Subset -- By Mortality

1.	1976 – May 21, Yuba City High School Bus goes off Cliff, Yuba City, CA	--	29
2.	1958 – Feb 28, School Bus Hits Truck, goes into River, Prestonsburg, KY	--	27
3.	1938 -- Dec 01, Train hits Jordan High School Bus at Crossing, Midvale, UT ²⁴⁸¹	--	26
4.	1989 – Sep 21, Truck/Mission School Bus Collision/Drowning, Alton, TX	--	21
5.	1961 – Dec 14, Train and School Bus Collision, Auburn, CO ²⁴⁸²	--	20
6.	1945 -- Nov 26, School Bus goes into Lake Chelan in Snowstorm, Chelan, WA	--	16
7.	1935 – Apr 12, School Bus and Train Collision, Rockville, MD	--	14
8.	1959 -- Oct 9, Semi-trailer tanker rear-ends Trenton St. Col. bus, New Brunswick, NJ ²⁴⁸³	--	12
9.	1933 – Dec 14, School Bus hit, Atlantic Coast Line Train, near Crescent City, FL	--	11
10.	1955 – Aug 22, School Bus Hit by Train, Spring City, TN	--	11
11.	1930 – Jan 22, Train Hits School Bus, Berea, OH ²⁴⁸⁴	--	10
12.	1937 – Oct 22, School Bus hit by Rock Island Line <i>Rocket</i> , Mason City, IA	--	10

Other:

	1983 – Mar 25, Crash, Jonesboro School District Bus, near Newport, AR	--	9
	1970 -- Jul 15, Hillel Day Sch., L.I., NY, Charter Bus Wreck, ~New Smithville, PA	--	7
	1995 -- Oct 25, School Bus stopped at road crossing hit by Train, Fox River Grove, IL ²⁴⁸⁵	--	7
	1972 -- Mar 24, High School Bus fails to stop at crossing, hit by Train, Congers, NY	--	5
	2016 -- Nov 21, Woodmore elementary school bus crash, Brainerd ~Chattanooga, TN	--	5

²⁴⁸¹ Cross-listed in Rail.

²⁴⁸² Cross-listed in Rail.

²⁴⁸³ Cross-listed in Truck subsection – bus of Trenton State College students at a red-light was rear-ended by truck.

²⁴⁸⁴ Cross-listed in Rail

²⁴⁸⁵ Cross-listed in Rail.

ROAD / Highway Accidents/Incidents -- SCHOOL BUS Subset -- Chronological

1.	1930 – Jan 22, Train Hits School Bus, Berea, OH ²⁴⁸⁶	--	10
2.	1933 – Dec 14, School Bus hit, Atlantic Coast Line Train, near Crescent City, FL	--	11
3.	1935 -- Apr 12, School Bus and Train Collision, Rockville, MD	--	14
4.	1937 – Oct 22, School Bus hit by Rock Island Line <i>Rocket</i> , Mason City, IA	--	10
5.	1938 -- Dec 01, Train hits Jordan High School Bus at Crossing, Midvale, UT ²⁴⁸⁷	--	26
6.	1945 -- Nov 26, School Bus goes into Lake Chelan in Snowstorm, Chelan, WA	--	16
7.	1955 – Aug 22, School Bus Hit by Train, Spring City, TN	--	11
8.	1958 – Feb 28, School Bus Hits Truck, goes into River, Prestonsburg, KY	--	27
9.	1959 -- Oct 9, Semi-trailer tanker rear-ends Trenton St. Col. bus, New Brunswick, NJ ²⁴⁸⁸ --	--	12
10.	1961 – Dec 14, Train and School Bus Collision, Auburn, CO ²⁴⁸⁹	--	20
11.	1970 -- Jul 15, Hillel Day Sch., L.I., NY, Charter Bus Wreck, ~New Smithville, PA	--	7
12.	1972 -- Mar 24, High School Bus fails to stop at crossing, hit by Train, Congers, NY	--	5
13.	1976 – May 21, Yuba City High School Bus goes off Cliff, Yuba City, CA	--	29
14.	1983 – Mar 25, Crash, Jonesboro School District Bus, near Newport, AR	--	9
15.	1989 – Sep 21, Truck/Mission School Bus Collision/Drowning, Alton, TX	--	21
16.	1995 -- Oct 25, School Bus stopped at crossing hit by Train, Fox River Grove, IL ²⁴⁹⁰	--	7
17.	2016 -- Nov 21, Woodmore elementary school bus crash, Brainerd ~Chattanooga, TN	--	5

²⁴⁸⁶ Cross-listed in Rail

²⁴⁸⁷ Cross-listed in Rail.

²⁴⁸⁸ Cross-listed in Truck subsection – bus of Trenton State College students at a red-light was rear-ended by truck.

²⁴⁸⁹ Cross-listed in Rail.

²⁴⁹⁰ Cross-listed in Rail.

ROAD / Highway Events -- Track Crossings & Vehicle Collisions Subset -- By Mortality

1.	1963 -- Sep 17, Train hits migrant worker truck-bus, grade-crossing, Chualar, CA ²⁴⁹¹	--	32
2.	1940 -- Mar 14, Train hits farm workers Truck at Highway 83 Crossing, Alamo, TX ²⁴⁹²	--	29
3.	1938 -- Dec 01, Train hits Jordan High School Bus at Crossing, Midvale, UT ²⁴⁹³	--	26
4.	1930 -- Apr 11, Train Hits Pickwick-Greyhound Bus, near Isleta, NM ²⁴⁹⁴	--	22
5.	1927 -- Oct 14, Interurban Railcar hits truck-trailer with people, Indianapolis, IN ²⁴⁹⁵	--	20-21
6.	1929 -- Jan 22, Train Hits Greyhound Bus, Snowstorm, near Bellevue, OH ²⁴⁹⁶	--	20
7.	1961 -- Dec 14, Train and School Bus Collision, Auburn, CO ²⁴⁹⁷	--	20
8.	1919 -- Nov 1, Train Hits "Auto Truck" at Grade Crossing, Clarksboro, NJ ²⁴⁹⁸	--	14-16
9.	1942 -- Oct 28, Train Crashes into Bus, Detroit, MI ²⁴⁹⁹	--	16
10.	1900 -- Aug 12, Train hits horse-drawn coach at grade crossing ~Slatington, PA ²⁵⁰⁰	--	13-15
11.	1911 -- Sep 24, Train Collision with Hay Wagon at Crossing, Neenah, WI ²⁵⁰¹	--	15
12.	1916 -- Oct 01, Freight Train/Street Car (Trolley) Crossing Collision, Detroit, MI ²⁵⁰²	--	10-14
13.	1935 -- Apr 12, School Bus and Train Collision, Rockville, MD ²⁵⁰³	--	14
14.	1960 -- Mar 01, Train and Oil Tank Truck Collision, Fire, Bakersfield, CA ²⁵⁰⁴	--	14
15.	1947 -- Feb 17, Train Crew Bus-Train Collision, Michigan City, IN ²⁵⁰⁵	--	13
16.	1966 -- Dec 28, Train hits stalled Oil Tanker Truck at RR crossing, Fire, Everett, MA ²⁵⁰⁶	--	13
17.	1956 -- Dec 16, Car, inebriated driver, hits train at Crossing, SW Phoenix, AZ	--	12
18.	1957 -- June 11, Train hits Farm Worker Truck at RR Crossing, Vroman, CO	--	12
19.	1976 -- Feb 07, Train hits Camper-Truck of children, grade crossing, Beckemeyer, IL ²⁵⁰⁷	--	12
20.	1933 -- Dec 14, School Bus hit, Atlantic Coast Line Train, near Crescent City, FL ²⁵⁰⁸	--	11
21.	1936 -- Mar 28, Grade Crossing Collision, Bus & Central of Georgia Train, Bryon, GA ²⁵⁰⁹		11
22.	1955 -- Aug 22, Grade Crossing, School Bus Hit by Train, Spring City, TN ²⁵¹⁰	--	11
23.	1999 -- Mar 15, Amtrak train & truck collision at grade crossing, Bourbonnais, IL ²⁵¹¹	--	11
24.	2005 -- Jan 26, Train-Crossing Collision/Derailment/Auto Collision, Glendale, CA ²⁵¹²	--	11
25.	1892 -- Jan 19, Train hits Clover Fishing Club Sleighing party, St Louis, MO ²⁵¹³	--	~10

²⁴⁹¹ Cross-listed in Rail. This was a flatbed truck which had been converted into a bus-like vehicle.

²⁴⁹² Cross-listed in Rail.

²⁴⁹³ Cross-listed in Rail.

²⁴⁹⁴ Cross-listed in Rail.

²⁴⁹⁵ Cross-listed in Rail.

²⁴⁹⁶ Cross-listed in Rail and Winter Storms.

²⁴⁹⁷ Cross-listed in Rail.

²⁴⁹⁸ Cross-listed in Rail.

²⁴⁹⁹ Cross-listed in Rail.

²⁵⁰⁰ Cross-listed in Rail.

²⁵⁰¹ Cross-listed in Rail.

²⁵⁰² Cross-listed in Rail.

²⁵⁰³ Cross-listed in Rail.

²⁵⁰⁴ Cross-listed in Hazardous Materials and in Rail.

²⁵⁰⁵ Cross-listed in Rail.

²⁵⁰⁶ Cross-listed in Rail.

²⁵⁰⁷ Cross-listed in Rail.

²⁵⁰⁸ Cross-listed in Rail.

²⁵⁰⁹ Cross-listed in Rail.

²⁵¹⁰ Cross-listed in Rail.

²⁵¹¹ Cross-listed in Rail

²⁵¹² Cross-listed in Rail.

26. 1927 -- Jan 22, Baylor Univ. Basketball Team Bus Hit by Train, Round Rock, TX²⁵¹⁴ -- 10

ROAD / Highway Subset -- Track Crossings & Vehicle Collisions-- By Mortality

27. 1930 -- Jan 22, Train Hits School Bus, Berea, OH²⁵¹⁵ -- 10

28. 1937 -- Oct 22, School Bus hit by Rock Island Line Train *Rocket*, Mason City, IA²⁵¹⁶ -- 10

29. 1959 -- Mar 18, Car Hit by Train, Beavercreek Girlscouts, Beavercreek, OH²⁵¹⁷ -- 10

30. 1964 -- May 11, Train hits station wagon with 8 children at crossing, near Mesa, AZ²⁵¹⁸ -- 10

Other:

1942 -- Feb 26, Bus with airmen hit by train at RR Crossing in snow storm ~Enid, OK -- 7

1995 -- Oct 25, School Bus stopped at road crossing hit by Train, Fox River Grove, IL²⁵¹⁹ -- 7

1891 -- July 27, Minister's Family Buggy hit by Train at Grade Crossing, Elmira, NY -- 6

1972 -- Mar 24, High School Bus fails to stop at crossing, hit by Train, Congers, NY -- 5

²⁵¹³ Cross-listed in Rail.

²⁵¹⁴ Cross-listed in Rail.

²⁵¹⁵ Cross-listed in Rail.

²⁵¹⁶ Cross-listed in Rail.

²⁵¹⁷ Cross-listed in Rail.

²⁵¹⁸ Cross-listed in Rail.

²⁵¹⁹ Cross-listed in Rail.

ROAD & Highway Events--Track Crossings & Vehicle Collisions Subset²⁵²⁰--Chronological

1.	1892 -- Jan 19, Train hits Clover Fishing Club Sleighing party, St Louis, MO*	--	~10
2.	1893 -- Jan 18, Sleighing Party Hit by Train at grade crossing, Lonsdale, RI*	--	9
3.	1900 -- Aug 12, Train hits "omnibus" at grade crossing near Slatington, PA *	--	15
4.	1911 -- Sep 24, Train Collision with Hay Wagon at Crossing, Neenah, WI*	--	15
5.	1916 -- Oct 01, Freight Train/Street Car (Trolley) Crossing Collision, Detroit, MI*	--	10-14
6.	1919 -- Nov 1, Train Hits "Auto Truck" at Grade Crossing, Clarksboro, NJ*	--	14-16
7.	1927 -- Jan 22, Baylor Univ. Basketball Team Bus Hit by Train, Round Rock, TX*	--	10
8.	1929 -- Jan 22, Train Hits Greyhound Bus, Snowstorm, near Bellevue, OH ²⁵²¹	--	20
9.	1930 -- Jan 22, Train Hits School Bus, Berea, OH*	--	10
10.	1930 -- Apr 11, Train Hits Pickwick-Greyhound Bus, near Isleta, NM*	--	22
11.	1933 -- Dec 14, School Bus hit, Atlantic Coast Line Train, near Crescent City, FL*	--	11
12.	1935 -- Apr 12, School Bus and Train Collision, Rockville, MD*	--	14
13.	1936 -- Mar 28, Grade Crossing Collision, Bus & Central of Georgia Train, Bryon, GA*--		11
14.	1937 -- Oct 22, School Bus hit by Rock Island Line Train <i>Rocket</i> , Mason City, IA*	--	10
15.	1938 -- Dec 01, Grade Crossing Collis., School Bus/Train, Midvale ~Salt Lake City*	--	24
16.	1942 -- Oct 28, Train Crashes into Bus, Detroit, MI*	--	16
17.	1947 -- Feb 17, Train Crew Bus-Train Collision, Michigan City, IN*	--	13
18.	1955 -- Aug 22, Grade Crossing, School Bus Hit by Train, Spring City, TN*	--	11
19.	1956 -- Dec 16, Car, inebriated driver, hits train at Crossing, SW Phoenix, AZ	--	12
20.	1959 -- Mar 18, Car Hit by Train, Beaver creek Girlscouts, Beaver creek, OH*	--	10
21.	1960 -- Mar 01, Train and Oil Tank Truck Collision, Fire, Bakersfield, CA ²⁵²²	--	14
22.	1961 -- Dec 14, Train and School Bus Collision, Auburn, CO*	--	20
23.	1963 -- Sep 17, Train hits migrant worker truck-bus, grade-crossing, Chualar, CA ²⁵²³	--	32
24.	1964 -- May 11, Train hits station wagon with 8 children at crossing, near Mesa, AZ*	--	10
25.	1966 -- Dec 28, Train hits stalled Oil Tanker Truck at RR crossing, Fire, Everett, MA*--		13
26.	1972 -- Mar 24, High School Bus fails to stop at crossing, hit by Train, Congers, NY	--	5
27.	1977 -- Oct 02, Amtrak Train hits Pickup Truck at Crossing, Plant City, FL*	--	10
28.	1995 -- Oct 25, School Bus stopped at RR crossing hit by Train, Fox River Grove, IL*--		7
29.	1999 -- Mar 15, Amtrak train & truck collision at grade crossing, Bourbonnais, IL*	--	11
30.	2005 -- Jan 26, Train-Crossing Collision/Derailment/Auto Collision, Glendale, CA*	--	11

²⁵²⁰ If followed by an asterisk the event is cross-listed in Rail.

²⁵²¹ Cross-listed in Rail and Winter Storms.

²⁵²² Cross-listed in Hazardous Materials and in Rail.

²⁵²³ Cross-listed in Rail. This was a flatbed truck which had been converted into a bus-like vehicle.

ROAD/HWY Events Subset -- TRUCK/Tractor Trailer/Tanker-- By Mortality

1. 1950 -- May 25, Collision, Green Hornet Trolley & Gasoline Tank Truck, Chicago, IL²⁵²⁴-34
2. 1963 -- May 18, Farm worker bus sideswiped by truck, goes into canal, ~Belle Glade, FL²⁵²⁵ 27
3. 1957 -- Jun 06, Tractor-Trailer/Migrant Labor Truck Collision/Fire ~Fayetteville, NC --20-21
4. 1989 -- Sep 21, Truck/Mission School Bus Collision/Drowning, Alton, TX -- 21
5. 1943 -- June 05, Army truck crashes through bridge over railroad near Nashville, TN -- 19
6. 1947 -- Aug 05, Worker/Gasoline Trucks Collide and Burn, near Waxahachie, TX -- 19
7. 1972 -- Dec 26, Bus/Truck Collision, U.S. 60-84, Fort Sumner, NM -- 19
8. 1975 -- Apr 29, Surtigas, S.A.LP Gas Tank Truck Wreck, 277, Eagle Pass, TX²⁵²⁶ -- 19
9. 1959 -- June 08, Farm Labor Truck/Bus Crash, Fuel Explos./Fire, near Phoenix, AZ -- 17
10. 1951 -- Aug 18, Beer truck/car collide, truck/Greyhound bus collide ~Alpena, MI²⁵²⁷ --11-14
11. 1957 -- June 13, Army Truck Skids into Piney Ford Creek, Ft. Campbell, KY -- 14
12. 1958 -- June 16, Migrant Farm Worker Truck Fire (spilled gasoline) Soledad, CA -- 14
13. 1972 -- May 13, Greyhound Bus/Freight Truck Collision, Bean Station, TN -- 14
14. 1994 -- July 03, Tractor Trailer rear-ends Family Van, Interstate 20, Weatherford, TX -- 14

15. 1963 -- Jun 10, Brakes fail, Boy Scouts in Truck goes off hill, ~Hole-in-the-Wall, UT -- 13
16. 1966 -- Dec 28, Train hits stalled Oil Tanker Truck at RR crossing, Fire, Everett, MA²⁵²⁸ -- 13
17. 1942 -- Oct 03, Gasoline Tanker/Wagon/Bus/Collision, near Lumberton, NC --11-12
18. 1959 -- June 02, Collision/Fire/Explos., Propane Gas Truck, ~Deer Lake, east PA²⁵²⁹ --11-12
19. 1959 -- Oct 9, Semi-trailer tanker rear-ends Trenton St. Col. bus, New Brunswick, NJ²⁵³⁰ --12
20. 1943 -- Dec 14, War workers bus and tractor trailer collide, bus burns, ~Campbell, NY-- 11
21. 1965 -- Aug 28, Collision Greyhound Bus & Timber Truck, Vinton, LA -- 11
22. 1994 -- July 03, Tractor Trailer broadsides Pickup Truck near Snyder, west TX -- 11
23. 1997 -- July 29, Dump Truck Hits Pickup Truck, Albion, Concord Township, MI -- 11
24. 1997 -- Nov 16, Highway Collision/Fog, Van and Semi, Mendota, CA²⁵³¹ -- 11
25. 1999 -- Mar 15, Amtrak train & truck collision at grade crossing, Bourbonnais, IL²⁵³² -- 11
26. 2010 -- Mar 26, Highway Crash, Tractor-Trailer hits Van, ~Munfordville, KY -- 11
27. 1944 -- Nov 21, Car/Truck Collision, Butane Gas Tank Truck Explos., Denison, TX²⁵³³ -- 10
28. 1949 -- Nov 10, Cotton Pickers Truck/Semi Collide, U.S. Hwy. 80 near Gila Bend, AZ-- 10
29. 1953 -- Mar 20, Family Killed, Truck and Car Collision, near Washington, NJ -- 10
30. 1967 -- Jun 23, Asphalt tanker truck and station wagon collide, Hardeeville, SC -- 10
31. 1982 -- Oct 8, Tractor Semitrailer collides head-on with church van near Lemoore, CA²⁵³⁴ -10
32. 1983 -- Dec 23, Collision, Activity Bus/Semitrailer, near Devers, TX -- 10
33. 2000 -- Jan 23, Icy-road, Multi-vehicle Collision/Fire, I-29 near Platte City, MO -- 10

²⁵²⁴ Cross-listed in Rail.

²⁵²⁵ Cross-listed in Truck subset because a passing, sideswiping, pickup truck caused the bus to go into the canal.

²⁵²⁶ Cross-listed in Hazardous Materials.

²⁵²⁷ Cross-listed in auto and in bus subsets.

²⁵²⁸ Cross-listed in Rail.

²⁵²⁹ Cross-listed in Explosions.

²⁵³⁰ Cross-listed in Schoolbus subsection – bus of Trenton St. Col. students at a red-light was rear-ended by truck.

²⁵³¹ Cross-listed in Fog as a Contributing Factor.

²⁵³² Cross-listed in Rail

²⁵³³ Cross-listed in Explosions and in Hazardous Materials.

²⁵³⁴ Cross-listed in Van subset in that all ten fatalities were in the van struck by the truck.

- 34. 2004 -- Sep 20, Tractor-trailer crosses median, hits Pickup and SUV, ~Sherman, TX -- 10
- 35. 2009 -- Jun 26, Tractor-Trailer hits multiple cars, Will Rogers Turnpike ~Miami, OK -- 10
- 36. 2014 -- Apr 11, FedEx truck hits High School Charter Bus, I-5 near Orland, CA -- 10

Other:

ROAD/HWY Events Subset -- TRUCK/Tractor Trailer/Tanker-- By Mortality

- 1940 -- Nov 07, Automobile and Gravel Truck Collide, all killed, Pipestone, MN -- 9
- 1988 -- Dec 23, Propane tanker hits wall explodes; parts hit house, cars, Memphis TN²⁵³⁵ -- 9
- 1981 -- Nov 14, hazardous material tanker sideswipes truck, explodes ~Canon City, CO²⁵³⁶-- 8
- 1977 -- Sep 24, Gasoline Tank Truck Collision, St. Ft. 11, Beattyville, KY²⁵³⁷ -- 7
- 1982 -- Apr 07, HazMat Gasoline Truck Collision, Caldecott Tunnel, Oakland CA²⁵³⁸ -- 7
- 1983 -- Jan 19, Driver dozes, Semi hits cars/fire, toll booth, CT Turnpike, Stratford, CT -- 7

²⁵³⁵ Cross-listed in Explosions and in Hazardous Materials Events.

²⁵³⁶ Cross-listed in HazMat. Gasoline tanker ruptured/exploded burning to death 6 passengers in nearby car.

²⁵³⁷ Cross-listed in Road/Highway.

²⁵³⁸ Cross-listed in Hazardous Materials.

Highway Accidents/Incidents Subset -- Truck/Tractor Trailer/Tanker-- Chronological

- 1940 -- Nov 07, Automobile and Gravel Truck Collide, all killed, Pipestone, MN -- 9
1. 1942 -- Oct 03, Gasoline Tanker/Wagon/Bus/Collision, near Lumberton, NC --11-12
 2. 1943 -- June 05, Army truck crashes through bridge over railroad near Nashville, TN -- 19
 3. 1944 -- Nov 21, Vapor explosion after butane gas truck and car collide, Denison TX²⁵³⁹-- 10
 4. 1947 -- Aug 05, Truck/Vehicle Collision/Fire, Transport Co., of TX, Waxahachie, TX-- 19
 5. 1949 -- Nov 10, Cotton Pickers Truck/Semi Collide, U.S. Hwy. 80 near Gila Bend, AZ-- 10

 6. 1950 -- May 25, Collision, Green Hornet Trolley & Gasoline Tank Truck, Chicago, IL²⁵⁴⁰-34
 7. 1951 -- Aug 18, Beer truck/car collide, truck/Greyhound bus collide ~Alpena, MI²⁵⁴¹ --11-14
 8. 1957 -- June 06, Tractor-Trailer/Migrant Labor Truck Collision/Fire ~Fayetteville, NC-20-21
 9. 1957 -- June 13, Army Truck Skids into Piney Ford Creek, Ft. Campbell, KY -- 14
 10. 1958 -- June 16, Migrant Farm Worker Truck Fire (spilled gasoline) Soledad, CA -- 14
 11. 1959 -- June 02, Collision/Fire/Explos., Propane Gas Truck, ~Deer Lake, east PA²⁵⁴² --11-12
 12. 1959 -- June 08, Farm Labor Truck/Bus Crash, Fuel Explos./Fire, near Phoenix, AZ -- 17
 13. 1959 -- Oct 9, Semi-trailer tanker rear-ends Trenton St. Col. bus, New Brunswick, NJ²⁵⁴³ --12

 14. 1963 -- May 18, Farm worker bus sideswiped by truck, goes into canal, ~Belle Glade, FL²⁵⁴⁴ 27
 15. 1965 -- Aug 28, Collision Greyhound Bus & Timber Truck, Vinton, LA -- 11
 16. 1966 -- Dec 28, Train hits stalled Oil Tanker Truck at RR crossing, Fire, Everett, MA²⁵⁴⁵ -- 13
 17. 1967 -- Jun 23, Asphalt tanker truck and station wagon collide, Hardeeville, SC -- 10

 18. 1972 -- May 13, Greyhound Bus/Freight Truck Collision, Bean Station, TN -- 14
 19. 1972 -- Dec 26, Bus/Truck Collision, U.S. 60-84, Fort Sumner, NM -- 19
 20. 1975 -- Apr 29, Surtigas, S.A.LP Gas Tank Truck Wreck, 277, Eagle Pass, TX²⁵⁴⁶ -- 19
 - 1977 -- Sep 24, Gasoline Tank Truck Collision, St. Ft. 11, Beattyville, KY²⁵⁴⁷ -- 7

 - 1981 -- Nov 14, hazardous material tanker sideswipes truck, explodes ~Canon City, CO²⁵⁴⁸-8
 - 1982 -- Apr 7, HazMat Gasoline Truck Collision, Caldecott Tunnel, Oakland CA²⁵⁴⁹ -- 7
 21. 1982 -- Oct 8, Tractor Semitrailer collides head-on with church van near Lemoore, CA²⁵⁵⁰-10
 - 1983 -- Jan 19, Driver dozes, Semi hits cars/fire, toll booth, CT Turnpike, Stratford, CT-- 7
 22. 1983 -- Dec 23, Collision, Activity Bus/Semitrailer, near Devers, TX -- 10
 - 1988 -- Dec 23, Propane tanker hits wall explodes; parts hit house, cars, Memphis TN²⁵⁵¹-- 9
 23. 1989 -- Sep 21, Truck/Mission School Bus Collision/Drowning, Alton, TX -- 21

²⁵³⁹ Cross-listed in Explosions and in Hazardous Materials.

²⁵⁴⁰ Cross-listed in Rail.

²⁵⁴¹ Cross-listed in auto and in bus subsets.

²⁵⁴² Cross-listed in Explosions.

²⁵⁴³ Cross-listed in Schoolbus subsection – bus of Trenton St. Col. students at a red-light was rear-ended by truck.

²⁵⁴⁴ Cross-listed in Truck subset because a passing, sideswiping, pickup truck caused the bus to go into the canal.

²⁵⁴⁵ Cross-listed in Rail.

²⁵⁴⁶ Cross-listed in Hazardous Materials.

²⁵⁴⁷ Cross-listed in Road/Highway.

²⁵⁴⁸ Cross-listed in HazMat. Gasoline tanker ruptured/exploded burning to death 6 passengers in nearby car.

²⁵⁴⁹ Cross-listed in Hazardous Materials.

²⁵⁵⁰ Cross-listed in Van subset in that all ten fatalities were in the van struck by the truck.

²⁵⁵¹ Cross-listed in Explosions and in Hazardous Materials Events.

- 24. 1997 -- July 29, Dump Truck Hits Pickup Truck, Albion, Concord Township, MI -- 11
- 25. 1997 -- Nov 16, Highway Collision/Fog, Van and Semi, Mendota, CA²⁵⁵² -- 11
- 26. 1999 -- Mar 15, Amtrak train & truck collision at grade crossing, Bourbonnais, IL²⁵⁵³ -- 11

Highway Accidents/Incidents Subset -- Truck/Tractor Trailer/Tanker-- Chronological

- 27. 2010 -- Mar 26, Highway Crash, Tractor-Trailer hits Van, ~Munfordville, KY -- 11
- 28. 2014 -- Apr 11, FedEx truck hits High School Charter Bus, I-5 near Orland, CA -- 10

²⁵⁵² Cross-listed in Fog as a Contributing Factor.

²⁵⁵³ Cross-listed in Rail

SOUTHEASTER NORTHERN PACIFIC (ALASKA) STORM

1. 1900 -- Sep 12-13, Southeaster gale, off-shore Natives in boats, inshore, Nome, AK²⁵⁵⁴ >100

²⁵⁵⁴ This was a hurricane-like southeaster gale which produced a storm surge into Nome, Alaska and high waves that destroyed buildings along the waterfront. While we have seen reference to 18-19 specific deaths at Nome, mostly drowning, we are cross-listing in Maritime in that over 100 Natives were reported to have drowned trying to cross from Kings Island to the mainland in umiaks.

STARVATION – By Mortality

1. 1918 -- Late Fall-Early Spring, 1919, Influenza, Starvation, Freezing, Natives²⁵⁵⁵ --≥1,500
2. 1668 -- Famine and Starvation, Las Humanas and other Pueblos, current-day NM -- ~450
3. 1609-10 -- Hard winter, Starvation, Disease, Attack, Jamestown Colony, VA²⁵⁵⁶ >400-440
4. 1607 -- July-Dec, Disease and Famine/Starvation, Jamestown Colony, VA²⁵⁵⁷ -- 66
5. 1847 -- Feb, Donner Party Tragedy, Winter Storms, Snow, Starvation, Donner Lake, CA-- 43
6. 1871 -- Jul 3, Cal. Brig *Shelehoff* disabled Pacific Ocean storm, starvation, found Oct 19²⁵⁵⁸-11

STARVATION -- Chronological

1. 1607 -- July-Dec, Disease and Famine/Starvation, Jamestown Colony, VA²⁵⁵⁹ -- 66
2. 1609-10 -- Hard winter, Starvation, Disease, Attack, Jamestown Colony, VA²⁵⁶⁰ >400-440
3. 1668 -- Famine and Starvation, Las Humanas and other Pueblos, current-day NM -- ~450
4. 1847 -- Feb, Donner Party Tragedy, Winter Storms, Snow, Starvation, Donner Lake, CA-- 43
5. 1871 -- Jul 3, Cal. Brig *Shelehoff* disabled Pacific Ocean storm, starvation, found Oct 19²⁵⁶¹-11
6. 1918 -- Late Fall-Early Spring, 1919, Influenza, Starvation, Freezing, Natives²⁵⁶² --≥1,500

²⁵⁵⁵ Cross-listed in Disease.

²⁵⁵⁶ Sources utilized do not breakout causes of death, but do give impression that starvation was substantial. In that we do not know how many deaths from the total were attributable to disease, we cross-list here and in starvation.

²⁵⁵⁷ Cross-listed in Disease. The sources utilized do not breakout starvation/famine from disease deaths.

²⁵⁵⁸ Criss-listed in Maritime.

²⁵⁵⁹ Cross-listed in Disease. The sources utilized do not breakout starvation/famine from disease deaths.

²⁵⁶⁰ Sources utilized do not breakout causes of death, but do give impression that starvation was substantial. In that we do not know how many deaths from the total were attributable to disease, we cross-list here and in starvation.

²⁵⁶¹ Criss-listed in Maritime.

²⁵⁶² Cross-listed in Disease.

STRUCTURAL FAILURE -- Master Set -- Deadliest American -- By MORTALITY

1. 1889 -- May 31, South Fork **Dam Failure**, Flood, Fire Johnstown, PA²⁵⁶³ --3,311
2. 2005 -- Aug 29, **Levee Failure** due to Hurricane Katrina, New Orleans, LA --1,253
3. 1913 -- Mar 23-27, Ohio Valley Flooding/**dam/levee failures**, esp. OH, IN, IL²⁵⁶⁴ --700-732
4. 1927 -- Late March-July, flooding, **levee breaks** upper and esp. lower MS River²⁵⁶⁵ -246-500
5. 1928 -- Mar 12-13, **St. Francis Dam Failure**/Flood, Santa Clara Riv. valley, CA²⁵⁶⁶ -370-431
6. 1892 -- June 5, **Dam Failure**, Oil Fire, Titusville, Oil City, PA²⁵⁶⁷ -- 350
7. 1912 -- Mar-Apr, Flooding/**Levee failures**, MS River, IL, TN, MS, KY, AR, MO, LA²⁵⁶⁸ 245
8. 1972 -- Jun 09, **Pactola Dam Failure**, Black Hills Flash Flood, Rapid City, SD²⁵⁶⁹ --236-238
9. 1860 -- Jan 10, **Building Cave-in** & Fire, Pemberton Cotton Mills, Lawrence, MA²⁵⁷⁰ 88-200
10. 1874 -- May 16, **Mill River Reservoir Dam Failure**, Williamsburg, MA²⁵⁷¹ -139-200
11. 1927 -- Nov 2-4, New England Flooding, **Sharon Dam Fails**, Winooski River, VT²⁵⁷²-- 200

12. 1913 -- Dec 2-10, Flooding/**Levee Failures**, Brazos, Other Valleys, Cent., East, Coast TX²⁵⁷³--177-190
13. 1862 -- June 4/5, Great Flood of '62, Flooding & **Dam Failures**, Lehigh River, PA²⁵⁷⁴--~150
14. 1911 -- Sep 30, **Bayliss Dam Failure**, Freeman Run Valley, Austin, PA²⁵⁷⁵ --78-149
15. 1972 -- Feb 26, **Dam Failure**, Buffalo Creek, WV²⁵⁷⁶ -- 126
16. 1850 -- Sep 2, Rain/Flooding, esp. east central PA, esp. Tamaqua, Nescopeck Forge²⁵⁷⁷ 100-120
17. 1921 -- Jun 02, Arkansas River **Levee Failures**, Pueblo County, CO²⁵⁷⁸ -- 120
18. 1904 -- Aug 07, **Bridge/Trestle Fails Under Train**, Near Pueblo, CO²⁵⁷⁹ -- 116
19. 1981 -- July 17, Hyatt Regency **Walkway Collapse**, Kansas City, MO -- 114
20. 1876 -- Dec 29, **Bridge Collapse Under Train**, Ashtabula, OH²⁵⁸⁰ -- 100
21. 1890 -- Feb 22, **Dam Failure**, Walnut Grove, AZ²⁵⁸¹ -- 100
22. 1922 -- Jan 28, **Roof Collapse**, snow weight, Knickerbocker Theater, Wash. DC²⁵⁸² -- 98
23. 1887 -- Aug 10, Great Chatsworth (IL) **Trestle Failure**/Train Wreck,²⁵⁸³ IL -- 85
24. 1977 -- July 20, **Dam Failures**, Flash Floods, Johnstown & Tanneryville, PA²⁵⁸⁴ -- 84

²⁵⁶³ Cross-listed in Flooding.

²⁵⁶⁴ Only a subset of fatalities can be attributed to the failures of dams, dikes and levees. Cross-listed in Flooding.

²⁵⁶⁵ Cross-listed in Flooding.

²⁵⁶⁶ Cross-listed in Flooding.

²⁵⁶⁷ Cross-listed in Fire, Structural, and in Flooding.

²⁵⁶⁸ Cross-listed in Flooding.

²⁵⁶⁹ Cross-listed in Flooding.

²⁵⁷⁰ Cross-listed in Fire.

²⁵⁷¹ Cross-listed in Flooding.

²⁵⁷² Cross-listed in Flooding; some of the flooding fatalities were attributable to the Sharon Dam failure.

²⁵⁷³ Cross-listed in Flooding.

²⁵⁷⁴ Cross-listed in Flooding.

²⁵⁷⁵ Cross-listed in Flooding.

²⁵⁷⁶ Cross-listed in Flooding.

²⁵⁷⁷ Cross-listed in Flooding. Noted here in that most of the fatalities were of people in structures which failed.

²⁵⁷⁸ Cross-listed in Flooding.

²⁵⁷⁹ Cross-listed in Rail.

²⁵⁸⁰ Cross-listed in Rail.

²⁵⁸¹ Cross-listed in Flooding.

²⁵⁸² Cross-listed in Winter Storms.

²⁵⁸³ Cross-listed under Rail.

²⁵⁸⁴ Cross-listed in Flooding.

STRUCTURAL FAILURE -- Deadliest American -- By MORTALITY -- (Cont.)

25.	1955 -- Dec, Flooding, Feather River Levee Failure, Northern two-thirds of CA ²⁵⁸⁵	-- 76
26.	1883 -- July 23, Pier Fails, North Point, Tivoli Park, Baltimore, MD	--63-70
27.	1891 -- Aug 22, Building Collapse/Fire, Taylor Bldg., Park Place, New York, NY	--60-61
28.	1870 -- Apr 29, Court House Gallery Collapse, Richmond, VA	-- ~60
29.	1916 -- Jan 14-30, Heavy Rain, So. CA Flooding, Lower Otay Dam Failure, CA ²⁵⁸⁶	--22-60
30.	1873 -- May 4, Truesdell Bridge Collapse, Pedestrians fall, Rock River, Dixon, IL	-- 56
31.	1978 -- Apr 27, Scaffold Collapses, Monongahela Power Co., Willow Island, WV	-- 51
32.	1965 -- Sep 9-10, Hurricane Betsy, levee breaks, New Orleans and South LA ²⁵⁸⁷	-- ~50
33.	1913 -- May 24, Auditorium floor collapse, Pine Ave. Municipal Pier, Long Beach CA	--40-47
34.	1938 -- Jun 19, Flash Flood, Bridge Fails, Train Crash, Miles City, MT ²⁵⁸⁸	-- 47
35.	1967 -- Dec 15, Silver Bridge Collapse, OH River, Point Pleasant WV & Gallipolis, OH--	46
36.	1925 -- July 4, 2 nd floor collapse into basement, Pickwick dance Club, Boston, MA	--44-45
37.	1876 -- July 4, Storm, Flash Flood, Dam Failure, Rockdale, IA ²⁵⁸⁹	--41-42
38.	1859 -- June 28, Springbrook Bridge Fails Under Train, Mishawaka, IN ²⁵⁹⁰	-- 41
39.	1912 -- June 23, Pier/Dock Collapse, Eagle Park, Niagara River, near Buffalo, NY	-- 39
40.	1918 -- June 29, Structural Failure, Ruff Building, Sioux City, IA	-- 39
41.	1977 -- Nov 06, Dam Failure and Flash Flood, Kelly Barnes Dam, Toccoa, GA ²⁵⁹¹	-- 39
42.	1916 -- Aug 2-3, Cloudburst, Mill Dam Fails, Flash Flood, ~New Tazewell, TN ²⁵⁹²	--27-38
43.	1887 -- Mar 14, Busey Bridge Collapses Under Train, Roslindale ~Boston, MA ²⁵⁹³	-- 37
44.	1900 -- June 23, Cloudburst, Trestle Washout/Train Wreck/Fire, ~McDonough GA ²⁵⁹⁴	--23-37
45.	1946 -- Dec 12, Fire, vacant Knickerbocker Ice Plant wall falls onto Tenement, NYC ²⁵⁹⁵	-- 37
46.	1980 -- May 9, <i>Summit Venture</i> hits Sunshine Skyway Bridge, Collapse, Tampa FL ²⁵⁹⁶	-- 35
47.	1898 -- Apr 03, Levee Fails, Flash Flood, Shawneetown, IL ²⁵⁹⁷	--25-33
48.	1855 -- Nov 01, Bridge Failure Under Excursion Train, Gasconade, MO ²⁵⁹⁸	--20-31
49.	1923 -- Sep 27, Bridge Washout/Train Derailment, near Lockett, WY	-- 31
50.	1987 -- Apr 23, Const. Collapse, L'Ambiance Plaza Apartments, Bridgeport, CT	-- 28
51.	1888 -- Mar 17, Trestle Collapse, West India Mail Train wrecks, Blackshear GA ²⁵⁹⁹	--25-27
52.	1900 -- April 7, Heavy rain, Austin (McDonald) Dam Failure/Flooding, Austin, TX ²⁶⁰⁰	-- ≥24

²⁵⁸⁵ Cross-listed in Flooding.

²⁵⁸⁶ Cross-listed in Flooding.

²⁵⁸⁷ Guestimate on our part. There were 81-87 fatalities in LA; on the order of 50, if not more, in New Orleans from drowning. Most of the drownings took place due to the very rapid rise of water when nearby levees breached.

²⁵⁸⁸ Cross-listed in Flash Floods and Structural Failures (Bridge/Trestles).

²⁵⁸⁹ Cross-listed in Flooding.

²⁵⁹⁰ Cross-listed in Rail

²⁵⁹¹ Cross-listed in Flooding - Flash Floods.

²⁵⁹² Cross-listed in Flooding.

²⁵⁹³ Cross-listed in Rail.

²⁵⁹⁴ Cross-listed in Rail and Flooding.

²⁵⁹⁵ Cross-listed in Fire, Structural. The fire was in the next-door ice plant. The roof of the ice plant collapsed due to the stress of fire-fighting operations, and caused a two-foot thick brick wall to fall onto and crush the tenement.

²⁵⁹⁶ Cross-listed in Maritime and in Road/Highway.

²⁵⁹⁷ Cross-listed in Flooding.

²⁵⁹⁸ Cross-listed in Rail.

²⁵⁹⁹ Cross listed in Rail.

²⁶⁰⁰ Cross-listed in Flooding.

STRUCTURAL FAILURE – Deadliest American -- By MORTALITY -- (Cont.)

53.	1921 -- Sep 10, Third Street Foot-Bridge Collapses, Chester River, Chester, PA	-- 24
54.	1903 -- July 5, Cloudburst, Dam Failure, Flood, Oakford Park (~Pittsburgh), PA	--20-23
55.	1893 -- June 9, Building Collapse, Ford's Theater, Washington, DC	-- 22
56.	1840 -- Aug 22, State Street Canal Basin Drawbridge Fails, Albany, NY	-- 21
57.	1880 -- July 21, Tunnel Failure (Blowout), Hudson & Manhattan (Hudson Riv), NY	-- 21
58.	1893 -- Dec 15, Crane/Span Fall, Bridge construction, Louisville, KY/Jeffersonville, IN	-- 21
59.	1919 -- Jan 15, Molasses Tank Collapse, US Industrial Alcohol Co., Boston, MA	-- 21
60.	1855 -- Nov 01, Bridge Failure Under Excursion Train from St. Louis, MO ²⁶⁰¹	-- 20
61.	1856 -- July 01, Wharf Fails, Reed Street, Delaware River, Philadelphia, PA	--10-20
62.	1899 -- Aug 06, Gangplank Fails, Drowning, Mount Desert Ferry ~ Bar Harbor, ME	-- 20
63.	1900 -- Nov 29, Roof Collapse, San Francisco Pacific Glass Works, San Francisco, CA	-- 20
64.	1908 -- Aug 25, Bridge fails with Pedestrians watching flood water, Camden, SC ²⁶⁰²	-- 19
65.	1937 -- Aug 11, Heavy Rain, 3 Tenement Bldgs. Collapse, New Brighton, S.I., NY ²⁶⁰³	-- 19
66.	1840 -- Apr 13, Downpour, Flooding, Dams Fail, esp. Pocasset Riv. Simmonsville, RI ²⁶⁰⁴	--18
67.	1864 -- July 20, Structural Collapse, Blockley Almshouse and Insane Asylum, Philly	--16-18
68.	1906 -- Dec 04, Heavy Rain, Detroit Dam Fails, Flooding, Clifton, AZ ²⁶⁰⁵	--13-18
69.	1922 -- Sep 11, Truck falls through wood bridge, Satilla Riv., 20 mi. ~Homerville, GA ²⁶⁰⁶	--18
70.	1895 -- Aug 13, Ireland Building Collapse (under construction), New York, NY	-- 17
71.	1883 -- Feb 20, Fire Evacuation, Railing Breaks, Fall & Suffocation, School, NYC	--15-16
72.	1901 -- June 26, Trestle Fails under Train, weakened by recent rain, near Peru, IN ²⁶⁰⁷	-- 16
73.	1941 -- Dec 04, Charter Oak Bridge Collapse (under construction), Hartford, CT	-- 16
74.	1948 -- May 22-June 11, Flooding/dike failures, Pacific NW, esp. Vanport, OR ²⁶⁰⁸	-- ≥16
75.	1871 -- July 03, Bridge Fails under Train, Harpeth River, near Nashville, TN ²⁶⁰⁹	-- 15
76.	1872 -- Dec 25, Memorial Bap. Church XMAS Svc. Floor Collapse, Newberry, PA	--13-15
77.	1876 -- Mar 6, Bridge Fails under Train, Valley Div., B&O, Shenandoah Co., VA ²⁶¹⁰	-- 15
78.	1883 -- Apr 07, Ende Hotel Structural Failure and Fire, Greenville, TX ²⁶¹¹	--13-15
79.	1885 -- May 05, Factory Building Collapse, State and Hicks Streets, Brooklyn, NY	-- 15
80.	1889 -- July 09, Storm, Flooding, Stone Bridge failure, Johnstown, NY ²⁶¹²	-- 6-15
81.	1898 -- Nov 05, Building Collapse, Wonderland Theater, Detroit, MI	-- 15
82.	1994 -- July 4-10, Tropical Storm Alberto Flooding, Dam Failures, Americus, GA ²⁶¹³	-- ≥15

²⁶⁰¹ Cross-listed in Rail

²⁶⁰² Cross-listed in Flooding. This event is a subset of larger fatalities in SC & GA flooding.

²⁶⁰³ Cross-listed in Flooding.

²⁶⁰⁴ Cross-listed in Flooding.

²⁶⁰⁵ Cross-listed in Flooding -- Flash Flood.

²⁶⁰⁶ Cross-listed in Road and Highway.

²⁶⁰⁷ Cross-listed in Rail

²⁶⁰⁸ There was well over a month of flooding. Our dates encompass flooding deaths (including 11 Canadian). 57 is a solid figure; higher than 57 figure is questionable in that it includes 39 deaths from WA (Weather Bureau report for Washington State for May-June notes 39 state deaths), and we have been able to specifically identify but six. Cross-listed in Flooding. At least 16 of the deaths can be directly attributed to "dike" failures.

²⁶⁰⁹ Cross-listed in Rail.

²⁶¹⁰ Cross-listed under Rail.

²⁶¹¹ Cross listed in Fire.

²⁶¹² Cross-listed in Flooding.

83. 1874 -- June 23, Floor Failure, Festival, Central Baptist Church, Syracuse, NY -- 14
 84. 1890 -- Jan 9, Bridge Caisson No. 1, floods, Ohio River, near Jeffersonville, IN -- 14
 85. 1973 -- Mar 02, Construct. Collapse, Skyline Plaza Apartments, Baileys Crossroads VA-- 14
 86. 1986 -- Feb 11-24, Heavy Rain, Flooding, Levee Failures, Northern CA, NV²⁶¹⁴ -- 14
 87. 1988 -- July 7, La Tienda Amigo Dept. Store Collapse, heavy rain, Brownsville, TX -- 14
 88. 2002 -- May 26, Barge hits Bridge, Span Collapse, Webbers Falls, OK²⁶¹⁵ -- 14

STRUCTURAL FAILURE – Deadliest American -- By MORTALITY -- (Cont.)

89. 1860 -- March 1, Building Wall Failure, St. Francis Xavier Church, Cincinnati, OH -- 13
 90. 1866 -- Sep 14, Rail Bridge Collapse, Pedestrians fall, Johnstown, PA -- 13
 91. 1869 -- Jan 31, Dam Failures/Flood, Upper/Lower Kohanza/Flint, Danbury, CT²⁶¹⁶ --11-13
 92. 1893 -- Aug 31, Bridge Fails, Train Wreck, near Chester, MA²⁶¹⁷ -- 13
 93. 1905 -- Aug 08, Collapse, John G. Myers Dry Goods Store, Pearl St., Albany, NY -- 13
 94. 1911 -- March 15, Structural Collapse, J.H. Fall & Co. Bldg., 3rd Ave., Nashville, TN -- 13
 95. 1982 -- Apr 15, Construction Failure, Indiana Highway Ramp, East Chicago, IL -- 13
 96. 2003 -- June 29, Apartment Building Balcony Collapse, Lincoln Park, Chicago, IL -- 13
 97. 2007 -- Aug 01, Interstate 35W Bridge Collapse, Minneapolis, MN -- 13
98. 1865 -- Feb 4-5, Bridge fails, train falls into Lee's Creek, burns, ~Leesburg, OH²⁶¹⁸ --11-12
 99. 1874 -- Feb 13, 3rd Story Ice House Walls Fail, Brewery Collapse, Philadelphia, PA -- 8-12
 100. 1876 -- Feb 05, Gallery Fails, Robinson's Opera House, Cincinnati, OH -- 12
 101. 1903 -- Aug 08, Bleacher Collapses, National Baseball Park, Philadelphia, PA -- 12
 102. 1906 -- July 23, Collapse, Amsden Building, South Framingham, MA -- ~12
 103. 1976 -- June 5, Teton Dam failure/flood, Teton River, ~Newdale, Southeast Idaho²⁶¹⁹ 11-12
 104. 1999 -- Nov 17/18, Texas A&M Bonfire Stack collapse, College Station, TX -- 12
 105. 2000 -- Aug 19, El Paso Natural Gas Pipeline Rupture and Fire, Carlsbad, NM²⁶²⁰ -- 12
106. 1873 -- Apr 19, Train Derailment, Washed-out Bridge, Richmond Switch, RI²⁶²¹ -- 11
 107. 1896 -- Feb 6, Train Bridge Failure (repairmen die), Pequabuck Riv., East Bristol, CT²⁶²² -- 11
 108. 1901 -- July 11, Nickel Plate RR Bridge Collapse, Train Crash, Springfield, PA²⁶²³ -- 11
 109. 1905 -- Feb 27, Floor Collapse/Fire Scare/Trampling, Church Service, Brooklyn, NY²⁶²⁴ -11
 110. 1913 -- Jun 30, Walkway/Gangway failure, drownings, Merrimac River, Lawrence, MA-11
 111. 1915 -- Oct 16, Flash Flooding, Bridge Fails, Train Derails, Randolph, KS²⁶²⁵ -- 11

²⁶¹³ Cross-listed in Flooding and in Hurricanes/Tropical Storms. There were 34-37 total deaths. At least 15 of these were attributable to flash flooding in Americus, GA after the failure of a series of earthen dams in the area.

²⁶¹⁴ Cross-listed in Flooding.

²⁶¹⁵ Cross-listed in Maritime. More of a knock-down than a failure.

²⁶¹⁶ Cross-listed in Flooding.

²⁶¹⁷ Cross-listed in Rail.

²⁶¹⁸ Cross-listed in Rail.

²⁶¹⁹ Cross-listed in Flooding.

²⁶²⁰ Cross-listed in Explosions and in Fires-Structural.

²⁶²¹ Cross-listed in Rail as well as Flash Flooding

²⁶²² Cross-listed in Rail.

²⁶²³ Cross-listed in Rail

²⁶²⁴ Cross-listed in Violence – Crushing, Trampling, Suffocation

²⁶²⁵ Cross-listed in Rail as well as Flash Flooding.

112. 1923 -- Mar 31, Water tank/tower on roof fails, Fuller Brush Co., Hartford, CT --10-11
 113. 1933 -- Aug 29, Storm, Bridge Weakened, Train Wreck, Tucumcari, NM²⁶²⁶ -- 11
 114. 1981 -- Mar 27, Construction Failure, Harbor Cay Condominium, Cocoa Beach, FL -- 11

STRUCTURAL FAILURE -- Deadliest American -- By MORTALITY -- (Cont.)

115. 1832 -- May 04, Building Collapse, Phelps & Peck, Cliff & Fulton Streets, NYC -- 10
 116. 1835 -- May 14, Collapse, Planters' Hotel, New Orleans, LA -- \geq 10
 117. 1867 -- Sep 05, Branch River Bridge Fails, Naugatuck Train Fall ~Thomaston CT²⁶²⁷ -- 10
 118. 1877 -- May 11, Unfinished Court-House walls fail, killing workers, Rockford, IL -- 10
 119. 1888 -- Jul 12, Fat Nancy Trestle Failure, Train Wreck ~Orange Court House VA²⁶²⁸ --9-10
 120. 1890 -- Feb 02, Flooding, Trestle fails, Train cars fall, near Cascade Locks, OR²⁶²⁹ -- 9-10
 121. 1891 -- Dec 04, Wall falls, previously fire-damaged Shepard building, St. Paul, MN-- ~10
 122. 1903 -- Oct 19, Ropes Break, Wabash Railroad Bridge Construction, Pittsburgh, PA-- 10
 123. 1906 -- Mar 26, Bridge Fails Under Train, Drownings, near Natrona, WY²⁶³⁰ -- 10
 124. 1906 -- Nov 09, Building Collapse, Bixby Hotel, Long Beach, CA -- 10
 125. 1911 -- June 30, Collapse of Pumping Station Roof, Buffalo, NY -- 9-10
 126. 1916 -- May 15, Dynamite Blast, adjacent site, Crystal Rest. collapses, Akron OH²⁶³¹ -9-10
 127. 1929 -- July 18, Flash Flood, Bridge Fails, Train Wreck, Stratton, CO²⁶³² -- 10
 128. 1937 -- Feb 17, Construction scaffolding collapse, Golden Gate Bridge, San Fran., CA-- 10
 129. 1956 -- Oct 03, Building Collapse (under const.), Consumers Power Co., Jackson, MI-- 10
 130. 1972 -- Nov 07, Sidney Lanier Bridge Span Collapse, Freighters Hit, Brunswick GA -- 10
 131. 1987 -- Apr 5, Bridge Collapse, Schoharie Crk., NY State Thruway, Amsterdam NY²⁶³³ -- 10

Other:

- 1904 -- Sep 23, School Outhouse floor collapses, girls 8-14 drown, Pleasant Ridge, OH -- 9
 1989 -- Apr 01, Hatchie River Bridge Collapse, near Covington, TN -- 8
 1886 -- Apr 20, Rain, Mud Pond Reservoir Dam/Mt. Lake Fails/Flood, East Lee, MA -- 7
 1979 -- Aug 13, construction failure/roof collapse, Rosemont Horizon Arena, Chicago, IL-- 5
 1971 -- Jan 25, Construction Failure, 16-Story Apartment Bldg., Boston, MA -- 4
 1983 -- June 28, eastbound Mianus River bridge span collapse, I-95, Greenwich, CT -- 3

²⁶²⁶ Cross-listed in Rail.

²⁶²⁷ Cross-listed in Rail.

²⁶²⁸ Cross-listed in Rail.

²⁶²⁹ Cross-listed in Flooding and in Rail.

²⁶³⁰ Cross-listed in Rail and in Flood.

²⁶³¹ Cross-listed in Explosions -- construction-site dynamite blast - caused ill-constructed structure next-door to collapse.

²⁶³² Cross-listed in Flooding and under Rail.

²⁶³³ Cross-listed in Flooding.

STRUCTURAL FAILURES – Deadliest American – CHRONOLOGICAL

1. 1832 -- May 04, Building Collapse, Phelps & Peck, Cliff & Fulton Streets, NYC -- 10
2. 1835 -- May 14, Collapse, Planters' Hotel, New Orleans, LA -- ≥10

3. 1840 -- Apr 13, Downpour, Flooding, Dams Fail, esp. Pocasset Riv. Simmonsville, RI²⁶³⁴ 18
4. 1840 -- Aug 22, State Street Canal Basin Drawbridge Fails, Albany, NY -- 21

5. 1850 -- Sep 2, Rain/Flooding, esp. east central PA, esp. Tamaqua, Nescopeck Forge²⁶³⁵ 100-120
6. 1855 -- Nov 01, Bridge Failure Under Excursion Train, Gasconade, MO²⁶³⁶ --20-31
7. 1856 -- July 01, Wharf Fails, Reed Street, Delaware River, Philadelphia, PA --10-20
8. 1859 -- June 28, Springbrook Bridge Fails Under Train, Mishawaka, IN²⁶³⁷ -- 41

9. 1860 -- Jan 10, Building Cave-in & Fire, Pemberton Cotton Mills, Lawrence, MA²⁶³⁸ 88-200
10. 1860 -- Mar 01, Building Wall Failure, St. Francis Xavier Church, Cincinnati, OH -- 13
11. 1862 -- June 4/5, Great Flood of '62, Flooding & Dam Failures, Lehigh River, PA²⁶³⁹ -- ~150
12. 1864 -- Jul 20, Structural Collapse, Blockley Almshouse and Insane Asylum, Philly --16-18
13. 1865 -- Feb 4-5, Bridge fails, train falls into Lee's Creek, burns, ~Leesburg, OH²⁶⁴⁰ --11-12
14. 1866 -- Sep 14, Bridge Collapse, Johnstown, PA -- 13
15. 1867 -- Sep 05, Branch River Bridge Fails, Naugatuck Train Fall ~Thomaston CT²⁶⁴¹ -- 10
16. 1869 -- Jan 31, Dam Failures/Flood, Upper/Lower Kohanza/Flint, Danbury, CT²⁶⁴² --11-13

17. 1870 -- Apr 29, Court House Gallery Collapse, Richmond, VA -- ~60
18. 1871 -- July 03, Bridge Fails under Train, Harpeth River, near Nashville, TN²⁶⁴³ -- 15
19. 1872 -- Dec 25, Memorial Bap. Church XMAS Svc. Floor Collapse, Newberry, PA --13-15
20. 1873 -- Apr 19, Train Derailment, Washed-out Bridge, Richmond Switch, RI²⁶⁴⁴ -- 11
21. 1873 -- May 4, Truesdell Bridge Collapse, Pedestrians fall, Rock River, Dixon IL -- 56
22. 1874 -- Feb 13, 3rd Story Ice House Walls Fail, Brewery Collapse, Philadelphia, PA -- 8-12
23. 1874 -- May 16, Mill River Reservoir Dam Failure, Williamsburg, MA²⁶⁴⁵ --139-200
24. 1874 -- June 23, Floor Failure, Festival, Central Baptist Church, Syracuse, NY -- 14
25. 1876 -- Feb 05, Gallery Fails, Robinson's Opera House, Cincinnati, OH -- 12
26. 1876 -- Mar 6, Bridge Fails under Train, Valley Div., B&O, Shenandoah Co., VA²⁶⁴⁶ -- 15
27. 1876 -- July 4, Storm, Flash Flood, Dam Failure, Rockdale, IA²⁶⁴⁷ --41-42
28. 1876 -- Dec 29, Bridge Collapse Under Train, Ashtabula, OH²⁶⁴⁸ -- 100

²⁶³⁴ Cross-listed in Flooding.

²⁶³⁵ Cross-listed in Flooding. Noted here in that most of the fatalities were of people in structures which failed.

²⁶³⁶ Cross-listed in Structural Failures – Bridges/Trestles.

²⁶³⁷ Cross-listed in Rail

²⁶³⁸ Cross-listed in Fire.

²⁶³⁹ Cross-listed in Flooding.

²⁶⁴⁰ Cross-listed in Rail.

²⁶⁴¹ Cross-listed in Rail.

²⁶⁴² Cross-listed in Flooding.

²⁶⁴³ Cross-listed in Rail.

²⁶⁴⁴ Cross-listed in Rail as well as Flash Flooding

²⁶⁴⁵ Cross-listed in Flooding.

²⁶⁴⁶ Cross-listed under Rail.

²⁶⁴⁷ Cross-listed in Flooding.

29. 1877 -- May 11, Unfinished Court-House walls fail, killing workers, Rockford IL -- 10

STRUCTURAL FAILURES – Deadliest American – CHRONOLOGICAL (cont.)

30. 1880 -- July 21, Tunnel Failure (Blowout), Hudson & Manhattan (Hudson Riv), NY -- 21
31. 1883 -- Feb 20, Fire Evacuation, Railing Breaks, Fall & Suffocation, School, NYC --15-16
32. 1883 -- Apr 07, Structural Failure and Fire, Ende Hotel, Greenville, TX²⁶⁴⁹ --13-15
33. 1883 -- July 23, Pier Fails, North Point, Tivoli Park, Baltimore, MD --63-70
34. 1885 -- May 05, Factory Building Collapse, State and Hicks Streets, Brooklyn, NY -- 15
1886 -- Apr 20, Rain, Mud Pond Reservoir Dam/Mt. Lake Fails/Flood, East Lee, MA -- 7
35. 1887 -- Aug 10, Great Chatsworth (IL) Trestle Failure/Train Wreck,²⁶⁵⁰ IL -- 85
36. 1887 -- Mar 14, Busey Bridge Collapses Under Train, Roslindale ~Boston, MA²⁶⁵¹ --23-37
37. 1888 -- Mar 17, Trestle Collapse, West India Mail Train wrecks, Blackshear GA²⁶⁵² --25-27
38. 1888 -- July 12, Fat Nancy Trestle Failure, Train Wreck, ~Orange Court House VA²⁶⁵³ --9-10
39. 1889 -- May 31, South Fork Dam Failure, Flood, Fire Johnstown, PA²⁶⁵⁴ --3,311
40. 1889 -- July 09, Storm, Flooding, Stone Bridge failure, Johnstown, NY²⁶⁵⁵ -- 6-15
41. 1890 -- Jan 9, Bridge Caisson No. 1, floods, Ohio River, near Jeffersonville, IN -- 14
42. 1890 -- Feb 02, Flooding, Trestle fails, Train cars fall, near Cascade Locks, OR²⁶⁵⁶ -- 9-10
43. 1890 -- Feb 22, Dam Failure, Walnut Grove, AZ²⁶⁵⁷ -- 100
44. 1891 -- Aug 22, Building Collapse/Fire, Taylor Bldg., Park Place, New York, NY --60-61
45. 1891 -- Dec 04, Wall falls, previously fire-damaged Shepard building, St. Paul, MN -- ~10
46. 1892 -- June 5, Dam Failure, Oil Fire, Titusville, Oil City, PA²⁶⁵⁸ -- 350
47. 1893 -- Jun 09, Building Collapse, Ford's Theater, Washington, DC -- 22
48. 1893 -- Aug 31, Bridge Fails, Train Wreck, near Chester, MA²⁶⁵⁹ -- 13
49. 1893 -- Dec 15, Crane/Span Fall, Bridge construction, Louisville, KY/Jeffersonville, IN-- 21
50. 1895 -- Aug 13, Ireland Building (under construction) Collapse, New York, NY -- 17
51. 1896 -- Feb 06, Train Bridge Failure (repairmen die), Pequabuck Riv., East Bristol CT²⁶⁶⁰ 11
52. 1898 -- Apr 03, Levee Fails, Flash Flood, Shawneetown, IL²⁶⁶¹ --25-33
53. 1898 -- Nov 05, Building Collapse, Wonderland Theater, Detroit, MI -- 15
54. 1899 -- Aug 06, Gangplank Fails, Drowning, Mount Desert Ferry ~ Bar Harbor, ME -- 20
55. 1900 -- April 7, Heavy rain, Austin (McDonald) Dam Failure/Flooding, Austin, TX²⁶⁶²-- ≥24

²⁶⁴⁸ Cross-listed under Rail.

²⁶⁴⁹ Cross listed in Fire.

²⁶⁵⁰ Cross-listed under Rail.

²⁶⁵¹ Cross-listed in Rail

²⁶⁵² Cross listed in Rail

²⁶⁵³ Cross-listed in Rail.

²⁶⁵⁴ Cross-listed in Flooding.

²⁶⁵⁵ Cross-listed in Flooding.

²⁶⁵⁶ Cross-listed in Flooding and in Rail.

²⁶⁵⁷ Cross-listed in Flooding.

²⁶⁵⁸ Cross-listed in Fire, Structural, and in Flooding.

²⁶⁵⁹ Cross-listed in Rail.

²⁶⁶⁰ Cross-listed in Rail.

²⁶⁶¹ Cross-listed in Structural Failures – Dams, Dikes and Levees.

²⁶⁶² Cross-listed in Structural Failure -- Dams, Dikes and Levees.

56.	1900 -- Jun 23, Cloudburst, Trestle Washout/Train Wreck/Fire, ~McDonough GA ²⁶⁶³	-- 37
57.	1900 -- Nov 29, Roof Collapse, San Francisco Pacific Glass Works, San Francisco, CA	-- 20
58.	1901 -- June 26, Trestle Fails under Train, weakened by recent rain, near Peru, IN ²⁶⁶⁴	-- 16
59.	1901 -- July 11, Nickel Plate RR Bridge Collapse, Train Crash, Springfield, PA ²⁶⁶⁵	-- 11
60.	1903 -- Jul 05, Cloudburst, Dam Failure, Flood, Oakford Park (~Pittsburgh), PA	--20-23
61.	1903 -- Aug 08, Bleacher Collapses, National Baseball Park, Philadelphia, PA	-- 12
62.	1903 -- Oct 19, Ropes Break, Wabash Railroad Bridge Construction, Pittsburgh, PA	-- 10
63.	1904 -- Aug 07, Bridge/Trestle Fails Under Train, Near Pueblo, CO ²⁶⁶⁶	-- 116
	1904 -- Sep 23, School Outhouse floor collapses, girls 8-14 drown, Pleasant Ridge, OH	-- 9
64.	1905 -- Feb 27, Floor Collapse/Fire Scare, Trampling, Church Service, Brooklyn, NY ²⁶⁶⁷	--11
65.	1905 -- Aug 08, Collapse, John G. Myers Dry Goods Store, Pearl St., Albany, NY	-- 13
66.	1906 -- Mar 26, Bridge Fails Under Train, Drownings, near Natrona, WY ²⁶⁶⁸	-- 10
67.	1906 -- July 23, Collapse, Amsden Building, South Framingham, MA	-- ~12
68.	1906 -- Nov 09, Building Collapse, Bixby Hotel, Long Beach, CA	-- 10
69.	1906 -- Dec 04, Heavy Rain, Detroit Dam Fails, Flooding, Clifton, AZ	--13-18
70.	1908 -- Aug 25, Bridge fails with Pedestrians watching flood water, Camden, SC ²⁶⁶⁹	-- 19

STRUCTURAL FAILURES – Deadliest American – **CHRONOLOGICAL** (cont.)

71.	1911 -- Mar 15, Structural Collapse, J.H. Fall & Co. Bldg., 3 rd Ave., Nashville, TN	-- 13
72.	1911 -- Jun 30, Collapse of Pumping Station Roof, Buffalo, NY	-- 9-10
73.	1911 -- Sep 30, Bayliss Dam Failure, Freeman Run Valley, Austin, PA ²⁶⁷⁰	--78-149
74.	1912 -- March-April, Flooding, Miss. River, IL, TN, MS, KY, AR, MO, LA ²⁶⁷¹	-- 245
75.	1912 -- June 23, Pier/Dock Collapse, Eagle Park, Niagara River, near Buffalo, NY	-- 39
76.	1913 -- Mar 23-27, Ohio Valley Flooding/dam/levee failures, esp. OH, IN, IL ²⁶⁷²	--700-732
77.	1913--May 24, Auditorium floor collapse, Pine Ave. Municipal Pier, Long Beach CA	--40-47
78.	1913 -- Jun 30, Walkway/Gangway failure, drownings, Merrimac River, Lawrence, MA	-- 11
79.	1913 -- Dec 1-5, Floods/Levee Failures, Brazos, Other Valleys, cent., east, coast TX	-- 187
80.	1915 -- Oct 16, Flash Flooding, Bridge Fails, Train Derails, Randolph, KS ²⁶⁷³	-- 11
81.	1916 -- Jan 14-30, Heavy Rain, So. CA Flooding, Lower Otay Dam Failure ²⁶⁷⁴	--22-60
82.	1916 -- May 15, Dynamite Blast, adjacent site, Crystal Rest. collapses, Akron, OH ²⁶⁷⁵	-- 9-10
83.	1916 -- Aug 2-3, Cloudburst, Mill Dam Fails, Flash Flood, ~New Tazewell, TN ²⁶⁷⁶	--27-38
84.	1918 -- June 29, Structural Failure, Ruff Building, Sioux City, IO	-- 39
85.	1919 -- Jan 15, Molasses Tank Collapse, US Industrial Alcohol Co., Boston, MA	-- 21

²⁶⁶³ Cross-listed in Rail and Flooding.

²⁶⁶⁴ Cross-listed in Structural Failure- Trestle Failure

²⁶⁶⁵ Cross-listed in Rail

²⁶⁶⁶ Cross-listed under Rail.

²⁶⁶⁷ Cross-listed in Violence – Crushing, Trampling, Suffocation

²⁶⁶⁸ Cross-listed in Rail and in Flood.

²⁶⁶⁹ Cross-listed in Flooding. This event is a subset of larger fatalities in SC & GA flooding.

²⁶⁷⁰ Cross-listed in Flooding.

²⁶⁷¹ Cross-listed in Flooding.

²⁶⁷² Only a subset of fatalities can be attributed to the failures of dams, dikes and levees. Cross-listed in Flooding.

²⁶⁷³ Cross-listed in Rail as well as Flash Flooding.

²⁶⁷⁴ Cross-listed in Flooding.

²⁶⁷⁵ Cross-listed in Explosions -- construction-site dynamite blast caused weak structure next-door to collapse.

²⁶⁷⁶ Cross-listed in Structural Failures – Dams, Dikes and Levees.

STRUCTURAL FAILURES – Deadliest American – CHRONOLOGICAL (cont.)

86. 1921 -- Jun 02, Arkansas River Levee Failures, Pueblo County, CO²⁶⁷⁷ -- 120
 87. 1921 -- Sep 10, Third Street Foot-Bridge Collapses, Chester River, Chester, PA -- 24
 88. 1922 -- Jan 28, Roof Collapse, snow weight, Knickerbocker Theater, Wash. DC²⁶⁷⁸ -- 98
 89. 1922 -- Sep 11, Truck falls through wood bridge, Satilla Riv., 20 mi. ~Homerville, GA²⁶⁷⁹ -18
 90. 1923 -- Mar 31, Water tank/tower on roof fails, Fuller Brush Co., Hartford, CT --10-11
 91. 1923 -- Sep 27, Bridge Washout/Train Derailment, near Lockett, WY -- 31
 92. 1925 -- July 4, 2nd floor collapse into basement, Pickwick dance Club, Boston, MA --44-45
 93. 1927 -- Late March-July, flooding, levee breaks upper and esp. lower MS River²⁶⁸⁰ --246-500
 94. 1927 -- Nov 2-4, New England Flooding, Sharon Dam Fails, Winooski River, VT²⁶⁸¹ -- 200
 95. 1928 -- Mar 12-13, St. Francis Dam Failure/Flood, Santa Clara Riv. valley, CA²⁶⁸²--370-431
 96. 1929 -- July 18, Flash Flood, Bridge Fails, Train Wreck, Stratton, CO²⁶⁸³ -- 10
97. 1933 -- Aug 29, Storm, Bridge Weakened, Train Wreck, Tucumcari, NM²⁶⁸⁴ -- 11
 98. 1937 -- Feb 17, Construction scaffolding collapse, Golden Gate Bridge, San Fran., CA-- 10
 99. 1937 -- Aug 11, Heavy Rain, 3 Tenement Bldgs. Collapse, New Brighton, S.I., NY²⁶⁸⁵ -- 19
 100. 1938 -- Jun 19, Flash Flood, Bridge Fails, Train Crash, Miles City, MT²⁶⁸⁶ -- 47
101. 1941 -- Dec 04, Bridge Construction Collapse, Charter Oak Bridge, Hartford, CT -- 16
 102. 1946 -- Dec 12, Fire, vacant Knickerbocker Ice Plant wall falls onto Tenement, NYC²⁶⁸⁷ 37
 103. 1948 -- May 22-June 11, Flooding/**dike failures**, Pacific NW, esp. Vanport, OR²⁶⁸⁸ -- ≥16
104. 1955 -- Dec, Flooding, Feather River Levee Failure, Northern two-thirds of CA²⁶⁸⁹ -- 76
 105. 1956 -- Oct 03, Building Collapse (under const.), Consumers Power Co., Jackson, MI-- 10
106. 1965 -- Sep 9-10, Hurricane Betsy, levee breaks, New Orleans and South LA²⁶⁹⁰ -- ~50
 107. 1967 -- Dec 15, Silver Bridge Collapse, OH River, Point Pleasant WV & Gallipolis, OH-46

²⁶⁷⁷ Cross-listed in Floods.

²⁶⁷⁸ Cross-listed in Winter Storms.

²⁶⁷⁹ Cross-listed in Road and Highway.

²⁶⁸⁰ Cross-listed in Floods.

²⁶⁸¹ Cross-listed in Floods; some of the flooding fatalities were attributable to the Sharon Dam failure.

²⁶⁸² Cross-listed in Floods.

²⁶⁸³ Cross-listed in Flooding and under Rail.

²⁶⁸⁴ Cross-listed in Rail.

²⁶⁸⁵ Cross-listed in Floods.

²⁶⁸⁶ Cross-listed in Flash Floods and Structural Failures (Bridge/Trestles).

²⁶⁸⁷ Cross-listed in Fire, Structural. The fire was in the next-door ice plant. The roof of the ice plant collapsed due to the stress of fire-fighting operations, and caused a two-foot thick brick wall to fall onto and crush the tenement.

²⁶⁸⁸ There was well over a month of flooding. Our dates encompass flooding deaths (including 11 Canadian). 57 is a solid figure; higher than 57 figure is questionable in that it includes 39 deaths from WA (Weather Bureau report for Washington State for May-June notes 39 state deaths), and we have been able to specifically identify but six. Cross-listed in Flooding. At least 16 of the deaths can be directly attributed to “dike” failures.

²⁶⁸⁹ Cross-listed in Floods.

²⁶⁹⁰ This is a guestimate on our part. There were 81-87 fatalities in LA, on the order of 50 of them, if not more, in New Orleans from drowning. Most drownings took place due to rapid rise of water when nearby levees breached.

- 1971 -- Jan 25, Construction Failure, 16-Story Apartment Bldg., Boston, MA -- 4
108. 1972 -- Feb 26, Dam Failure, Buffalo Creek, WV²⁶⁹¹ -- 126
109. 1972 -- Jun 09, Pactola Dam Failure, Black Hills Flash Flood, Rapid City, SD²⁶⁹²--236-238
110. 1972 -- Nov 07, Sidney Lanier Bridge Span Collapse, Freightier Hit, Brunswick GA -- 10
111. 1973 -- Feb 10, Fire/Gas Explos./LNG Tank Concrete Roof Falls, Staten Island NY²⁶⁹³--40
112. 1973 -- Mar 02, Construct. Collapse, Skyline Plaza Apartments, Baileys Crossroads VA-14
113. 1976 -- June 5, Teton Dam failure/flood, Teton River, ~Newdale, Southeast Idaho²⁶⁹⁴11-12
114. 1977 -- July 20, Dam Failures, Flash Floods, Johnstown & Tanneryville, PA²⁶⁹⁵ -- 84
115. 1977 -- Nov 06, Dam Failure and Flash Flood, Kelly Barnes Dam, Toccoa, GA²⁶⁹⁶ -- 39
116. 1978 -- Apr 27, Scaffold Collapses, Monongahela Power Co., Willow Island, WV -- 51
- 1979 -- Aug 13, construction failure/roof collapse, Rosemont Horizon Arena, Chicago-- 5

STRUCTURAL FAILURES – Deadliest American – **CHRONOLOGICAL** (cont.)

117. 1980 -- May 9, *Summit Venture* hits Sunshine Skyway Bridge, Collapse, Tampa FL²⁶⁹⁷ -- 35
118. 1981 -- Mar 27, Construction Failure, Harbor Cay Condominium, Cocoa Beach, FL -- 11
119. 1981 -- July 17, Hyatt Regency Walkway Collapse, Kansas City, Missouri -- 114
120. 1982 -- Apr 15, Construction Failure, Indiana Highway Ramp, East Chicago, IL -- 13
- 1983 -- June 28, eastbound Mianus River bridge span collapse, I-95, Greenwich, CT-- 3
121. 1986 -- Feb 11-24, Heavy Rain, Flooding, Levee Failures, Northern CA, NV²⁶⁹⁸ -- 14
122. 1987 -- Apr 5, Bridge Collapse, Schoharie Crk., NY State Thruway, Amsterdam NY²⁶⁹⁹-10
123. 1987 -- Apr 23, Const. Collapse, L'Ambiance Plaza Apartments, Bridgeport, CT -- 28
124. 1988 -- July 7, **La Tienda Amigo Dept. Store Collapse**, heavy rain, Brownsville, TX-- 14
- 1989 -- Apr 01, Hatchie River Bridge Collapse, near Covington, TN -- 8
125. 1994 -- July 4-10, Tropical Storm Alberto Flooding, Dam Failures, Americus, GA²⁷⁰⁰--≥15
126. 1999 -- Nov 17/18, Texas A&M, College Station, Bonfire Stack Disaster -- 12
127. 2000 -- Aug 19, El Paso Natural Gas Pipeline Rupture and Fire, Carlsbad, NM²⁷⁰¹ -- 12
128. 2002 -- May 26, Barge hits Bridge, Span Collapse, Webbers Falls, OK²⁷⁰² -- 14
129. 2003 -- June 29, Apartment Building Balcony Collapse, Lincoln Park, Chicago, IL -- 13
130. 2005 -- Aug 29, Levee Failure due to Hurricane Katrina, New Orleans, LA --1,253
131. 2007 -- Aug 01, Interstate 35W Bridge Collapse, Minneapolis, MN -- 13

²⁶⁹¹ Cross-listed in Flooding.

²⁶⁹² Cross-listed in Flooding.

²⁶⁹³ Cross-listed in Explosions and in Fires. This was an LNG tank which was being cleaned and worked-on. A flash fire called a residual gas explosion which caused the tank concrete ceiling to fall onto workers.

²⁶⁹⁴ Cross-listed in Flooding.

²⁶⁹⁵ Cross-listed in Flooding.

²⁶⁹⁶ Cross-listed in Flooding - Flash Floods.

²⁶⁹⁷ Cross-listed in Maritime and in Road/Highway.

²⁶⁹⁸ Cross-listed in Flooding.

²⁶⁹⁹ Cross-listed in Flooding.

²⁷⁰⁰ Cross-listed in Flooding and in Hurricanes/Tropical Storms. There were 34-37 total deaths. At least 15 of these were attributable to flash flooding in Americus, GA after the failure of a series of earthen dams in the area.

²⁷⁰¹ Cross-listed in Explosions and in Fires-Structural.

²⁷⁰² Cross-listed in Maritime

Subset -- Structural Failures -- BRIDGE/Trestle (Rail) Collapse/Failures -- By Mortality

1.	1904 -- Aug 7, Bridge/Trestle Fails Under Train, Near Eden/Pueblo, CO ²⁷⁰³	-- ~83-116
2.	1876 -- Dec 29, Bridge Collapse Under Train, Ashtabula, OH ²⁷⁰⁴	-- 100
3.	1887 -- Aug 10, Great Chatsworth (IL) Trestle Failure/Train Wreck ²⁷⁰⁵	-- 85
4.	1938 -- June 19, Flash Flood, Bridge Fails, Train Crash, Miles City, MT ²⁷⁰⁶	-- 47
5.	1859 -- June 28, Springbrook Bridge Fails Under Train, Mishawaka, IN ²⁷⁰⁷	-- 41
6.	1887 -- Mar 14, Busey Bridge Collapses Under Train, Roslindale ~Boston, MA ²⁷⁰⁸	--23-37
7.	1900 -- Jun 23, Cloudburst, Trestle Washout/Train Wreck/Fire, ~McDonough GA ²⁷⁰⁹	-- 37
8.	1855 -- Nov 01, Bridge Failure Under Excursion Train, Gasconade, MO ²⁷¹⁰	--20-31
9.	1923 -- Sep 27, Bridge Washout/Train Derailment, near Lockett, WY	-- 31
10.	1888 -- Mar 17, Trestle Collapse, West India Mail Train wrecks, Blackshear GA ²⁷¹¹	--25-27
11.	1901 -- June 26, Trestle Fails under Train, weakened by recent rain, near Peru, IN ²⁷¹²	-- 16
12.	1871 -- July 03, Bridge Fails under Train, Harpeth River, near Nashville, TN ²⁷¹³	-- 15
13.	1876 -- Mar 6, Bridge Fails under Train, Valley Div., B&O, Shenandoah Co., VA ²⁷¹⁴	-- 15
14.	1866 -- Sep 14, Rail Bridge Collapse, Pedestrians Fall, Johnstown, PA	-- 13
15.	1893 -- Aug 31, Bridge Fails, Train Wreck, near Chester, MA ²⁷¹⁵	-- 13
16.	1865 -- Feb 4-5, Bridge fails, train falls into Lee's Creek, burns, ~Leesburg, OH ²⁷¹⁶	--11-12
17.	1873 -- Apr 19, Train Derailment, Washed-out Bridge, Richmond Switch, RI ²⁷¹⁷	-- 11
18.	1896 -- Feb 06, Train Bridge Failure (repairmen die), Pequabuck Riv., East Bristol CT ²⁷¹⁸	--11
19.	1901 -- July 11, Nickel Plate RR Bridge Collapse, Train Crash, Springfield, PA ²⁷¹⁹	-- 11
20.	1915 -- Oct 16, Flash Flooding, Bridge Fails, Train Derails, Randolph, KS ²⁷²⁰	-- 11
21.	1933 -- Aug 29, Storm, Bridge Weakened, Train Wreck, Tucumcari, NM ²⁷²¹	-- 11
22.	1867 -- Sep 05, Branch River Bridge Fails, Naugatuck Train Fall ~Thomaston CT ²⁷²²	-- 10
23.	1888 -- July 12, Fat Nancy Trestle Failure, Train Wreck, ~Orange Court House VA ²⁷²³	--9-10
24.	1890 -- Feb 02, Flooding, Trestle fails, Train cars fall, near Cascade Locks, OR ²⁷²⁴	-- 9-10
25.	1906 -- Mar 26, Bridge Fails Under Train, Drownings, near Natrona, WY ²⁷²⁵	-- 10

²⁷⁰³ Cross-listed under Rail.

²⁷⁰⁴ Cross-listed under Rail.

²⁷⁰⁵ Cross-listed under Rail.

²⁷⁰⁶ Cross-listed under Flash Floods and Structural Failures (Bridge/Trestles).

²⁷⁰⁷ Cross-listed under Rail

²⁷⁰⁸ Cross-listed under Rail

²⁷⁰⁹ Cross-listed under Rail and Flooding.

²⁷¹⁰ Cross-listed in Structural Failures – Bridges/Trestles.

²⁷¹¹ Cross listed under Rail

²⁷¹² Cross-listed under Rail

²⁷¹³ Cross-listed under Rail.

²⁷¹⁴ Cross-listed under Rail.

²⁷¹⁵ Cross-listed under Rail

²⁷¹⁶ Cross-listed in Rail.

²⁷¹⁷ Cross-listed under Rail as well as Flash Flooding

²⁷¹⁸ Cross-listed under Rail.

²⁷¹⁹ Cross-listed under Rail

²⁷²⁰ Cross-listed under Rail as well as Flash Flooding.

²⁷²¹ Cross-listed under Rail

²⁷²² Cross-listed under Rail.

²⁷²³ Cross-listed under Rail.

²⁷²⁴ Cross-listed in Flooding and in Rail.

26. 1929 -- July 18, Flash Flood, Bridge Down, Train Wreck, Stratton, CO²⁷²⁶ -- 10

Other:

1989 -- Apr 01, Hatchie River Bridge Collapse, near Covington, TN -- 8

²⁷²⁵ Cross-listed under Rail and under Flood.

²⁷²⁶ Cross-listed under Flood and under Rail

Structural Failures Subset -- **BRIDGE/Trestle (Rail) Collapse/Failures** – **Chronological**

1.	1855 -- Nov 01, Bridge Failure Under Excursion Train, Gasconade, MO ²⁷²⁷	--20-31
2.	1859 -- June 28, Springbrook Bridge Fails Under Train, Mishawaka, IN ²⁷²⁸	-- 41
3.	1865 -- Feb 4-5, Bridge fails, train falls into Lee's Creek, burns, ~Leesburg, OH ²⁷²⁹	--11-12
4.	1866 -- Sep 14, Rail Bridge Collapse, Pedestrians Fall, Johnstown, PA	-- 13
5.	1867 -- Sep 05, Branch River Bridge Fails, Naugatuck Train Fall ~Thomaston CT ²⁷³⁰	-- 10
6.	1871 -- July 03, Bridge Fails under Train, Harpeth River, near Nashville, TN ²⁷³¹	-- 15
7.	1873 -- Apr 19, Train Derailment, Washed-out Bridge, Richmond Switch, RI ²⁷³²	-- 11
8.	1876 -- Mar 6, Bridge Fails under Train, Valley Div., B&O, Shenandoah Co., VA ²⁷³³	-- 15
9.	1876 -- Dec 29, Bridge Collapse Under Train, Ashtabula, OH ²⁷³⁴	-- 100
10.	1887 -- Mar 14, Busey Bridge Collapses Under Train, Roslindale ~Boston, MA ²⁷³⁵	--23-37
11.	1887 -- Aug 10, Great Chatsworth (IL) Trestle Failure/Train Wreck ²⁷³⁶	-- 85
12.	1888 -- Mar 17, Trestle Collapse, West India Mail Train wrecks, Blackshear GA ²⁷³⁷	--25-27
13.	1888 -- July 12, Fat Nancy Trestle Failure, Train Wreck, ~Orange Court House VA ²⁷³⁸	--9-10
14.	1890 -- Feb 02, Flooding, Trestle fails, Train cars fall, near Cascade Locks, OR ²⁷³⁹	-- 9-10
15.	1893 -- Aug 31, Bridge Fails, Train Wreck, near Chester, MA ²⁷⁴⁰	-- 13
16.	1896 -- Feb 06, Train Bridge Failure (repairmen die), Pequabuck Riv., East Bristol CT ²⁷⁴¹	--11
17.	1900 -- Jun 23, Cloudburst, Trestle Washout/Train Wreck/Fire, ~McDonough GA ²⁷⁴²	-- 37
18.	1901 -- June 26, Trestle Fails under Train, weakened by recent rain, near Peru, IN ²⁷⁴³	-- 16
19.	1901 -- July 11, Nickel Plate RR Bridge Collapse, Train Crash, Springfield, PA ²⁷⁴⁴	-- 11
20.	1904 -- Aug 7, Bridge/Trestle Fails Under Train, Near Eden/Pueblo, CO ²⁷⁴⁵	-- ~83-116
21.	1906 -- Mar 26, Bridge Fails Under Train, Drownings, near Natrona, WY ²⁷⁴⁶	-- 10
22.	1923 -- Sep 27, Bridge Washout/Train Derailment, near Lockett, WY	-- 31
23.	1938 -- June 19, Flash Flood, Bridge Fails, Train Crash, Miles City, MT ²⁷⁴⁷	-- 47
24.	1915 -- Oct 16, Flash Flooding, Bridge Fails, Train Derails, Randolph, KS ²⁷⁴⁸	-- 11
25.	1929 -- July 18, Flash Flood, Bridge Down, Train Wreck, Stratton, CO ²⁷⁴⁹	-- 10

²⁷²⁷ Cross-listed in Structural Failures – Bridges/Trestles.

²⁷²⁸ Cross-listed under Rail

²⁷²⁹ Cross-listed in Rail.

²⁷³⁰ Cross-listed under Rail.

²⁷³¹ Cross-listed under Rail.

²⁷³² Cross-listed under Rail as well as Flash Flooding

²⁷³³ Cross-listed under Rail.

²⁷³⁴ Cross-listed under Rail.

²⁷³⁵ Cross-listed under Rail

²⁷³⁶ Cross-listed under Rail.

²⁷³⁷ Cross listed under Rail

²⁷³⁸ Cross-listed under Rail.

²⁷³⁹ Cross-listed in Flooding and in Rail.

²⁷⁴⁰ Cross-listed under Rail

²⁷⁴¹ Cross-listed under Rail.

²⁷⁴² Cross-listed under Rail and Flooding.

²⁷⁴³ Cross-listed under Rail

²⁷⁴⁴ Cross-listed under Rail

²⁷⁴⁵ Cross-listed under Rail.

²⁷⁴⁶ Cross-listed under Rail and under Flood.

²⁷⁴⁷ Cross-listed under Flash Floods and Structural Failures (Bridge/Trestles).

²⁷⁴⁸ Cross-listed under Rail as well as Flash Flooding.

26. 1933 -- Aug 29, Storm, Bridge Weakened, Train Wreck, Tucumcari, NM²⁷⁵⁰ -- 11

Other:

1989 -- Apr 01, Hatchie River Bridge Collapse, near Covington, TN -- 8

²⁷⁴⁹ Cross-listed under Flood and under Rail

²⁷⁵⁰ Cross-listed under Rail

**Subset-Structural-BRIDGE FAILURES -- ROAD/Highway/PEDESTRIAN -- by Mortality
(non-Rail or Maritime-Related)**

1. 1873 -- May 4, Truesdell Bridge Collapse, Pedestrians fall, Rock River, Dixon IL -- 56
2. 1967 -- Dec 15, Silver Bridge Collapse, Vehicles fall, Pt. Pleasant WV & Gallipolis OH-- 46
3. 1921 -- Sep 10, Third Street Foot-Bridge Collapses, Chester River, Chester, PA -- 24
4. 1840 -- Aug 22, State Street Canal Basin Drawbridge Fails, Albany, NY -- 21
5. 1908 -- Aug 25, Bridge fails with Pedestrians watching flood water, Camden, SC²⁷⁵¹ -- 19
6. 1922 -- Sep 11, Truck falls through wood bridge, Satilla Riv., 20 mi. ~Homerville, GA²⁷⁵²-18
7. 1941 -- Dec 4, Bridge Construction Collapse, Charter Oak Bridge, Hartford, CT -- 16
8. 1889 -- July 09, Storm, Flooding, Stone Bridge failure, Johnstown, NY²⁷⁵³ -- 6-15
9. 2007 -- Aug 1, Interstate 35W Bridge Collapse, Minneapolis, MN²⁷⁵⁴ -- 13
10. 1987 -- Apr 5, Flooding/Schoharie Cr. bridge fails/vehicles fall, I-90 ~Fort Hunter²⁷⁵⁵ NY-- 10

Other:

- 1989 -- Apr 01, Hatchie River Bridge Collapse, 5 vehicles fall, near Covington, TN²⁷⁵⁶ -- 8
 1983 -- June 28, eastbound Mianus River bridge span collapse, I-95, Greenwich, CT -- 3

Subset-Structural-BRIDGE FAILURES--ROAD/Highway/PEDESTRIAN--Chronological

1. 1840 -- Aug 22, State Street Canal Basin Drawbridge Fails, Albany, NY -- 21
2. 1873 -- May 4, Truesdell Bridge Collapse, Pedestrians fall, Rock River, Dixon IL -- 56
3. 1889 -- July 09, Storm, Flooding, Stone Bridge failure, Johnstown, NY²⁷⁵⁷ -- 6-15
4. 1908 -- Aug 25, Bridge fails with Pedestrians watching flood water, Camden, SC²⁷⁵⁸ -- 19
5. 1921 -- Sep 10, Third Street Foot-Bridge Collapses, Chester River, Chester, PA -- 24
6. 1922 -- Sep 11, Truck falls through wood bridge, Satilla Riv., 20 mi. ~Homerville, GA²⁷⁵⁹-18
7. 1941 -- Dec 4, Bridge Construction Collapse, Charter Oak Bridge, Hartford, CT -- 16
8. 1967 -- Dec 15, Silver Bridge Collapse, Vehicles fall, Pt. Pleasant WV & Gallipolis OH-- 46
9. 1983 -- June 28, eastbound Mianus River bridge span collapse, I-95, Greenwich, CT -- 3
10. 1987 -- Apr 5, Flooding/Schoharie Cr. bridge fails/vehicles fall, I-90 ~Fort Hunter, NY -- 10
11. 1989 -- Apr 01, Hatchie River Bridge Collapse, 5 vehicles fall, near Covington, TN²⁷⁶⁰-- 8
12. 2007 -- Aug 1, Interstate 35W Bridge Collapse, Minneapolis, MN²⁷⁶¹ -- 13

²⁷⁵¹ Cross-listed in Flooding. This event is a subset of larger fatalities in SC & GA flooding.

²⁷⁵² Cross-listed in Road and Highway.

²⁷⁵³ Cross-listed in Flooding.

²⁷⁵⁴ Cross-listed in Road/Highway.

²⁷⁵⁵ Cross-listed in Road/Highway. I-90 (NY State Thruway) Schoharie Creek bridge is ~a mile south of Fort Hunter hamlet, Montgomery Co., and ~5½ miles west of Amsterdam, NY, which is 37 miles NW of state capital of Albany.

²⁷⁵⁶ Cross-listed in Road/Highway.

²⁷⁵⁷ Cross-listed in Flooding.

²⁷⁵⁸ Cross-listed in Flooding. This event is a subset of larger fatalities in SC & GA flooding.

²⁷⁵⁹ Cross-listed in Road and Highway.

²⁷⁶⁰ Cross-listed in Road/Highway.

²⁷⁶¹ Cross-listed in Road/Highway.

STRUCTURAL FAILURES Subset – U.S. -- **BUILDINGS and Components** -- **Mortality**

1. 1860 -- Jan 10, Building Cave-in & Fire, Pemberton Cotton Mills, Lawrence, MA²⁷⁶² 88-200
2. 1981 -- July 17, Hyatt Regency Walkway Collapse, Kansas City, MO -- 114
3. 1922 -- Jan 28, Roof Collapse, snow weight, Knickerbocker Theater, Wash. DC²⁷⁶³ -- 98
4. 1891 -- Aug 22, Building Collapse/Fire, Taylor Building, Park Place, New York, NY --60-61
5. 1870 -- Apr 29, Court House Gallery Collapse, Richmond, VA -- ~60
6. 1913--May 24, Auditorium floor collapse, Pine Ave. Municipal Pier, Long Beach CA--40-47
7. 1925 -- July 4, 2nd floor collapse into basement, Pickwick dance Club, Boston, MA --44-45
8. 1918 -- Jun 29, Overloaded floors, Ruff Building Collapse, Sioux City, IA -- 39
9. 1946 -- Dec 12, Fire, vacant Knickerbocker Ice Plant wall falls onto Tenement, NYC²⁷⁶⁴-- 37
10. 1893 -- Jun 09, Building Collapse, Ford's Theater, Washington, DC -- 22
11. 1937 -- Aug 11, Heavy Rain, 3 Tenement Bldgs. Collapse, New Brighton, S.I., NY -- 19
12. 1900 -- Nov 29, Roof Collapse, San Francisco Pacific Glass Works, San Francisco, CA-- 20
13. 1864 -- Jul 20, Structural Collapse, Blockley Almshouse and Insane Asylum, Philly --16-18
14. 1883 -- Feb 20, Fire Evacuation, Railing Breaks, Fall & Suffocation, School, NYC --15-16
15. 1872 -- Dec 25, Memorial Bap. Church XMAS Svc. Floor Collapse, Newberry, PA --13-15
16. 1883 -- Apr 07, Structural Failure and Fire, Ende Hotel, Greenville, TX²⁷⁶⁵ --13-15
17. 1885 -- May 05, Factory Building Collapse, State and Hicks Streets, Brooklyn, NY -- 15
18. 1898 -- Nov 05, Building Collapse, Wonderland Theater, Detroit, MI -- 15
19. 1874 -- June 24, Floor Failure, Festival, Central Baptist Church, Syracuse, NY -- 14
20. 1988 -- July 7, La Tienda Amigo Dept. Store Collapse, heavy rain, Brownsville, TX -- 14
21. 1860 -- Mar 01, Building Wall Failure, St. Francis Xavier Church, Cincinnati, OH -- 13
22. 1905 -- Aug 08, Collapse, John G. Myers Dry Goods Store, Pearl St., Albany, NY -- 13
23. 2003 -- June 29, Apartment Building Balcony Collapse, Lincoln Park, Chicago, IL -- 13
24. 1874 -- Feb 13, 3rd Story Ice House Walls Fail, Brewery Collapse, Philadelphia, PA -- 8-12
25. 1876 -- Feb 05, Gallery Fails, Robinson's Opera House, Cincinnati, OH -- 12
26. 1906 -- July 23, Collapse, Amsden Building, South Framingham, MA -- ~12
27. 1905 -- Feb 27, Floor Collapse, Fire Scare, Trampling, Church Service, Brooklyn, NY-- 11
28. 1923 -- Mar 31, Water tank/tower on roof fails, Fuller Brush Co., Hartford, CT --10-11
29. 1832 -- May 04, Building Collapse, Phelps & Peck, Cliff & Fulton Streets, NYC -- 10
30. 1835 -- May 14, Collapse, Planters' Hotel, New Orleans, LA -- ≥10
31. 1891 -- Dec 04, Wall falls, previously fire-damaged Shepard building, St. Paul, MN -- ~10
32. 1906 -- Nov 09, Building Collapse, Bixby Hotel, Long Beach, CA -- 10

Other:

- 1904 -- Sep 23, School Outhouse floor collapses, girls 8-14 drown, Pleasant Ridge, OH -- 9

²⁷⁶² Cross-listed in Fire.

²⁷⁶³ Cross-listed in Winter Storms.

²⁷⁶⁴ Cross-listed in Fire, Structural. The fire was in the next-door ice plant. The roof of the ice plant collapsed due to the stress of fire-fighting operations, and caused a two-feet thick brick wall to fall onto and crush the tenement.

²⁷⁶⁵ Cross listed in Fire.

STRUCTURAL FAILURES Subset--U.S.-- **BUILDINGS and Components** -- **Chronological**

1. 1832 -- May 04, Building Collapse, Phelps & Peck, Cliff & Fulton Streets, NYC -- 10
2. 1835 -- May 14, Collapse, Planters' Hotel, New Orleans, LA -- ≥10

3. 1860 -- Jan 10, Building Cave-in & Fire, Pemberton Cotton Mills, Lawrence, MA²⁷⁶⁶ 88-200
4. 1860 -- Mar 01, Building Wall Failure, St. Francis Xavier Church, Cincinnati, OH -- 13
5. 1864 -- Jul 20, Structural Collapse, Blockley Almshouse and Insane Asylum, Philly --16-18

6. 1870 -- Apr 29, Court House Gallery Collapse, Richmond, VA -- ~60
7. 1872 -- Dec 25, Memorial Bap. Church XMAS Svc. Floor Collapse, Newberry, PA --13-15
8. 1874 -- Feb 13, 3rd Story Ice House Walls Fail, Brewery Collapse, Philadelphia, PA -- 8-12
9. 1874 -- June 24, Floor Failure, Festival, Central Baptist Church, Syracuse, NY -- 14
10. 1876 -- Feb 05, Gallery Fails, Robinson's Opera House, Cincinnati, OH -- 12

11. 1883 -- Feb 20, Fire Evacuation, Railing Breaks, Fall & Suffocation, School, NYC --15-16
12. 1883 -- Apr 07, Structural Failure and Fire, Ende Hotel, Greenville, TX²⁷⁶⁷ --13-15
13. 1885 -- May 05, Factory Building Collapse, State and Hicks Streets, Brooklyn, NY -- 15

14. 1891 -- Aug 22, Building Collapse/Fire, Taylor Building, Park Place, New York, NY --60-61
15. 1891 -- Dec 04, Wall falls, previously fire-damaged Shepard building, St. Paul, MN -- ~10
16. 1893 -- Jun 09, Building Collapse, Ford's Theater, Washington, DC -- 22
17. 1898 -- Nov 05, Building Collapse, Wonderland Theater, Detroit, MI -- 15

18. 1900 -- Nov 29, Roof Collapse, San Francisco Pacific Glass Works, San Francisco, CA-- 20
19. 1905 -- Feb 27, Floor Collapse, Fire Scare, Trampling, Church Service, Brooklyn, NY-- 11
20. 1905 -- Aug 08, Collapse, John G. Myers Dry Goods Store, Pearl St., Albany, NY -- 13
21. 1906 -- July 23, Collapse, Amsden Building, South Framingham, MA -- ~12
22. 1906 -- Nov 09, Building Collapse, Bixby Hotel, Long Beach, CA -- 10

23. 1913 -- May 24, Auditorium floor collapse, Pine Ave. Municipal Pier, Long Beach CA--40-47
24. 1918 -- Jun 29, Overloaded floors, Ruff Building Collapse, Sioux City, IA -- 39

25. 1922 -- Jan 28, Roof Collapse, snow weight, Knickerbocker Theater, Wash. DC²⁷⁶⁸ -- 98
26. 1923 -- Mar 31, Water tank/tower on roof fails, Fuller Brush Co., Hartford, CT --10-11
27. 1925 -- July 4, 2nd floor collapse into basement, Pickwick dance Club, Boston, MA --44-45

28. 1937 -- Aug 11, Heavy Rain, 3 Tenement Bldgs. Collapse, New Brighton, S.I., NY -- 19

29. 1946 -- Dec 12, Fire, vacant Knickerbocker Ice Plant wall falls onto Tenement, NYC²⁷⁶⁹-- 37

²⁷⁶⁶ Cross-listed in Fire.

²⁷⁶⁷ Cross listed in Fire.

²⁷⁶⁸ Cross-listed in Winter Storms.

²⁷⁶⁹ Cross-listed in Fire, Structural. The fire was in the next-door ice plant. The roof of the ice plant collapsed due to the stress of fire-fighting operations, and caused a two-feet thick brick wall to fall onto and crush the tenement.

30. 1981 -- July 17, Hyatt Regency Walkway Collapse, Kansas City, MO	--	114
31. 1988 -- July 7, La Tienda Amigo Dept. Store Collapse, heavy rain, Brownsville, TX	--	14
32. 2003 -- June 29, Apartment Building Balcony Collapse, Lincoln Park, Chicago, IL	--	13
Other:		
1904 -- Sep 23, School Outhouse floor collapses, girls 8-14 drown, Pleasant Ridge, OH	--	9

STRUCTURAL FAILURES -- Subset -- CONSTRUCTION WORK -- By Mortality

1. 1978 -- Apr 27, Scaffold Collapses, Monongahela Power Co., Willow Island, WV -- 51
2. 1973 -- Feb 10, Fire/Gas Explos./LNG Tank Concrete Roof Falls, Staten Island NY²⁷⁷⁰-- 40
3. 1987 -- Apr 23, Const. Collapse, L'Ambiance Plaza Apartments, Bridgeport, CT -- 28
4. 1880 -- July 21, Tunnel Construction Blowout, Hudson & Manhattan (Hudson Riv) NY-- 21
5. 1893 -- Dec 15, Crane/Span Fall, Bridge construction, Louisville, KY/Jeffersonville, IN-- 21
6. 1864 -- Jul 20, Structural Collapse, Blockley Almshouse and Insane Asylum, Philly --16-18
7. 1895 -- Aug 13, Construction Collapse, Ireland Building, New York, NY -- 17
8. 1941 -- Dec 04, Bridge Construction Collapse, Charter Oak Bridge, Hartford, CT -- 16
9. 1890 -- Jan 9, Bridge Caisson No. 1, floods, Ohio River, near Jeffersonville, IN -- 14
10. 1973 -- Mar 02, Construction Collapse, Skyline Plaza Apartmts., Baileys Crossroads VA-- 14
11. 1911 -- Mar 15, Structural Collapse, J.H. Fall & Co. Bldg., 3rd Ave., Nashville, TN -- 13
12. 1982 -- Apr 15, Construction Failure, Indiana Highway Ramp, East Chicago, IL -- 13
13. 1981 -- Mar 27, Construction Failure, Harbor Cay Condominium, Cocoa Beach, FL -- 11
14. 1877 -- May 11, Unfinished Court-House walls fail, killing workers, Rockford IL -- 10
15. 1891 -- Dec 04, Wall falls, previously fire-damaged Shepard building, St. Paul, MN²⁷⁷¹-- ~10
16. 1903 -- Oct 19, Ropes Break, Wabash Railroad Bridge Construction, Pittsburgh, PA -- 10
17. 1911 -- Jun 30, Collapse of Pumping Station Roof, under construction, Buffalo, NY -- 9-10
18. 1916 -- May 15, Dynamite Blast, adjacent site, Crystal Rest. collapses, Akron, OH²⁷⁷²-- 9-10
19. 1937 -- Feb 17, Construction scaffolding collapse, Golden Gate Bridge, San Fran., CA-- 10
20. 1956 -- Oct 03, Building Collapse (under const.), Consumers Power Co., Jackson, MI-- 10

Other:

- 1979 -- Aug, Construction Failure, Rosemont Horizon Arena, Chicago, IL -- 5
- 1971 -- Jan 25, Construction Failure, 16-Story Apartment Bldg., Boston, MA -- 4

²⁷⁷⁰ Cross-listed in Explosions and in Fires. This was an LNG tank which was being cleaned and worked-on. A flash fire called a residual gas explosion which caused the tank concrete ceiling to fall onto workers.

²⁷⁷¹ Approximately fifteen workmen were working near a wall of building that had burned about two-weeks before.

²⁷⁷² Cross-listed in Explosions. This was a construction-site dynamite blast, which caused a faultily-constructed structure next-door to collapse.

Structural Failures – DAM, DIKE and LEVEE Failures Subset²⁷⁷³ – By Fatalities

1.	1889 -- May 31, South Fork Dam Failure, Flood, Fire, Johnstown, PA*	--3,311
2.	2005 -- Aug 29, Levee Failure due to Hurricane Katrina, New Orleans, LA	--1,253
3.	1913 -- Mar 23-27, Ohio Valley Flooding/dam/levee failures, esp. OH, IN, IL ²⁷⁷⁴	--700-732
4.	1927 -- Late March-July, flooding, levee breaks upper and esp. lower MS River*	--246-500
5.	1928 -- Mar 12-13, St. Francis Dam Failure/Flood, Santa Clara Riv. valley, CA*	--370-431
6.	1892 -- June 5, Dam Failure, Oil Fire, Titusville, Oil City, PA ²⁷⁷⁵	-- 350
7.	1912 -- Mar-Apr, Flooding/Levee Failures, MS Riv., IL, TN, MS, KY, AR, MO, LA*--	245
8.	1972 -- Jun 09, Pactola Dam Failure, Black Hills Flash Flood, Rapid City, SD*	--236-238
9.	1874 -- May 16, Mill River Reservoir Dam Failure, Williamsburg, MA*	--139-200
10.	1927 -- Nov 2-4, New England Flooding, Sharon Dam Fails, Winooski River, VT ²⁷⁷⁶	-- 200
11.	1913 -- Dec 1-5, TX Floods/Levee Failures, Brazos, Other Valleys, Cent., East TX*	-- 187
12.	1862 -- June 4/5, Great Flood of '62, Flooding & Dam Failures, Lehigh River, PA*	-- ~150
13.	1911 -- Sep 30, Bayliss Dam Failure, Freeman Run Valley, Austin, PA*	--78-149
14.	1972 -- Feb 26, Dam Failure, Buffalo Creek, WV*	-- 126
15.	1921 -- June 2, Arkansas River Levee Failures, Pueblo County, CO*	-- 120
16.	1890 -- Feb 22, Dam Failure, Walnut Grove, AZ*	-- 100
17.	1977 -- July 20, Dam Failures, Flash Floods, Johnstown & Tanneryville, PA*	-- 84
18.	1955 -- Dec, Flooding, Feather River Levee Failure, Northern two-thirds of CA*	-- 76
19.	1916 -- Jan 14-30, Heavy Rain, So. CA Flooding, Lower Otay Dam Failure*	--22-60
20.	1948 -- May 30, Flooding, Dikes Collapse, Columbia River, esp. Vanport City, OR*	-- 55
21.	1965 -- Sep 9-10, Hurricane Betsy, levee breaks, New Orleans and South LA ²⁷⁷⁷	-- ~50
22.	1876 -- July 4, Storm, Flash Flood, Dam Failure, Rockdale, IA*	--41-42
23.	1977 -- Nov 06, Dam Failure and Flash Flood, Kelly Barnes Dam, Toccoa, GA*	-- 39
24.	1916 -- Aug 2-3, Cloudburst, Mill Dam Fails, Flash Flood, ~New Tazewell, TN*	--27-38
25.	1898 -- Apr 03, Levee Fails, Flash Flood, Shawneetown, IL*	--25-33
26.	1900 -- April 7, Heavy rain, Austin (McDonald) Dam Failure/Flooding, Austin, TX*	-- ≥24
27.	1903 -- Jul 05, Cloudburst, Dam Failure, Flood, Oakford Park (~Pittsburgh), PA*	--20-23
28.	1840 -- Apr 13, Downpour, Flooding, Dams Fail, esp. Pocasset Riv. Simmonsville, RI*--	18
29.	1906 -- Dec 04, Heavy Rain, Detroit Dam Fails, Flooding, Clifton, AZ	--13-18
30.	1994 -- July 4-10, Tropical Storm Alberto Flooding, Dam Failures, Americus, GA ²⁷⁷⁸	-- ≥15
31.	1986 -- Feb 11-24, Heavy Rain, Flooding, Levee Failures, Northern CA, NV*	-- 14
32.	1869 -- Jan 31, Dam Failures/Flood, Upper/Lower Kohanza/Flint, Danbury, CT*	--11-13
33.	1976 -- June 5, Teton Dam failure/flood, Teton River, ~Newdale, Southeast Idaho*	--11-12

Other:

1886 -- Apr 20, Rain, Mud Pond Reservoir Dam/Mt. Lake Fails/Flood, East Lee, MA -- 7

²⁷⁷³ An asterisk following the description indicates a cross-listing in Floods

²⁷⁷⁴ Only a subset of fatalities can be attributed to the failures of dams, dikes and levees. Cross-listed in Flooding.

²⁷⁷⁵ Cross-listed in Fire, Structural, and in Flooding

²⁷⁷⁶ Cross-listed in Flooding; some of the flooding fatalities were attributable to the Sharon Dam failure.

²⁷⁷⁷ This is our guesstimate. There were 81-87 fatalities in LA, on the order of 50 of them in New Orleans from drowning. Most of the drownings took place due to the very rapid rise of water when nearby levees breached.

²⁷⁷⁸ Cross-listed in Flooding and in Hurricanes/Tropical Storms. There were 34-37 total deaths. At least 15 of these were attributable to flash flooding in Americus, GA after the failure of a series of earthen dams in the area.

Structural Failures – DAM, DIKE and LEVEE Failures Subset – Chronological²⁷⁷⁹

1. 1840 -- Apr 13, Downpour, Flooding, Dams Fail, esp. Pocasset Riv. Simmonsville, RI*-- 18
2. 1850 -- Sep 2, Rainstorm, Mauch Chunk Dam Fails, Flood Tamaqua, Pottsville PA* -- ~54
3. 1862 -- June 4/5, Great Flood of '62, Flooding & Dam Failures, Lehigh River, PA* -- ~150
4. 1869 -- Jan 31, Dam Failures/Flood, Upper & Lower Kohanza, Flint's, Danbury, CT* --11-13
5. 1874 -- May 16, Mill River Reservoir Dam Failure, Williamsburg, MA* --139-200
6. 1876 -- July 4, Storm, Flash Flood, Dam Failure, Rockdale, IA* --41-42
7. 1889 -- May 31, South Fork Dam Failure, Flood, Fire Johnstown, PA* --3,311
8. 1890 -- Feb 22, Dam Failure, Walnut Grove, AZ* -- 100
9. 1892 -- June 5, Dam Failure, Oil Fire, Titusville, Oil City, PA²⁷⁸⁰ -- 350
10. 1898 -- April 3, Levee Fails, Flash Flood, Shawneetown, IL* --25-33
11. 1900 -- April 7, Heavy rain, Austin (McDonald) Dam Failure/Flooding, Austin, TX* -- ≥24
12. 1903 -- July 5, Cloudburst, Dam Failure, Flood, Oakford Park (~Pittsburgh), PA* --20-23
13. 1906 -- Dec 4, Heavy Rain, Detroit Dam Fails, Flooding, Clifton, AZ* --13-18
14. 1911 -- Sep 30, Bayliss Dam Failure, Freeman Run Valley, Austin, PA* --78-149
15. 1912 -- Mar-Apr, Flooding/Levee Failures, MS Riv., IL, TN, MS, KY, AR, MO, LA*-- 245
16. 1913 -- Mar 23-27, Ohio Valley Flooding/dam/levee failures, esp. OH, IN, IL²⁷⁸¹ --700-732
17. 1913 -- Dec 1-5, TX Floods/Levee Failures, Brazos, Other Valleys, Cent., East TX* -- 187
18. 1916 -- Jan 14-30, Heavy Rain, So. CA Flooding, Lower Otay Dam Failure* --22-60
19. 1916 -- Aug 2-3, Cloudburst, Mill Dam Fails, Flash Flood, ~New Tazewell, TN* --27-38
20. 1921 -- June 2, Arkansas River Levee Failures, Pueblo County, CO* -- 120
21. 1927 -- Late March-July, flooding, levee breaks upper and esp. lower MS River* --246-500
22. 1927 -- Nov 2-4, New England Flooding, Sharon Dam Fails, Winooski River, VT²⁷⁸² -- 200
23. 1928 -- March 12-13, St. Francis Dam Failure/Flood, Santa Clara Riv. valley, CA* --370-431
24. 1948 -- May 30, Flooding, Dikes Collapse, Columbia River, esp. Vanport City, OR* -- 55
25. 1955 -- Dec, Flooding, Feather River Levee Failure, Northern two-thirds of CA* -- 76
26. 1965 -- Sep 9-10, Hurricane Betsy, levee breaks, New Orleans and South LA²⁷⁸³ -- ~50
27. 1972 -- Feb 26, Dam Failure, Buffalo Creek, WV* -- 126
28. 1972 -- June 9, Pactola Dam Failure, Black Hills Flash Flood, Rapid City, SD* --236-238
29. 1976 -- June 5, Teton Dam failure/flood, Teton River, ~Newdale, Southeast Idaho* --11-12
30. 1977 -- July 20, Dam Failures, Flash Floods, Johnstown & Tanneryville, PA* -- 84
31. 1977 -- Nov 06, Dam Failure, Kelly Barnes Dam, Toccoa, GA -- 39
32. 1986 -- Feb 11-24, Heavy Rain, Flooding, Levee Failures, Northern CA, NV* -- 14
33. 1994 -- July 4-10, Tropical Storm Alberto Flooding, Dam Failures, Americus, GA²⁷⁸⁴ -- ≥15
34. 2005 -- Aug 29, Levee Failure due to Hurricane Katrina, New Orleans, LA* --1,253

Other:

²⁷⁷⁹ If followed by an asterisk, cross-listed in Flooding.

²⁷⁸⁰ Cross-listed in Fire, Structural, and in Flooding

²⁷⁸¹ Only a subset of fatalities can be attributed to the failures of dams, dikes and levees. Cross-listed in Flooding.

²⁷⁸² Cross-listed in Flooding; some of the flooding fatalities were attributable to the Sharon Dam failure.

²⁷⁸³ This is our guesstimate. There were 81-87 fatalities in LA, about 50 of them, if not more, in New Orleans from drowning. Most of the drownings took place due to the very rapid rise of water when nearby levees breached.

²⁷⁸⁴ Cross-listed in Flooding and in Hurricanes/Tropical Storms. There were 34-37 total deaths. At least 15 of these were attributable to flash flooding in Americus, GA after the failure of a series of earthen dams in the area.

1886 -- Apr 20, Rain, Mud Pond Reservoir Dam/Mt. Lake Fails/Flood, East Lee, MA-- 7

Structural Failures Subset -- Other (Bonfire Stack, Bridge, Dock/Gangplank/Pier/Wharf, Stadium Stands, Tank) -- By Mortality

1. 1883 -- July 23, **Pier** Fails, North Point, Tivoli Park, Baltimore, MD --63-70
2. 1912 -- Jun 23, **Pier**/Dock Collapse, Eagle Park, Niagara River, near Buffalo, NY -- 39
3. 1980 -- May 9, *Summit Venture hits Sunshine Skyway Bridge*, Collapse, Tampa FL²⁷⁸⁵-- 35
4. 1856 -- July 01, **Wharf** Fails, Reed Street, Delaware River, Philadelphia, PA --10-20
5. 1919 -- Jan 15, **Molasses Tank Failure**, US Industrial Alcohol Co., Boston, MA -- 21
6. 1899 -- Aug 06, **Gangplank** Fails, Drowning, Mount Desert Ferry ~ Bar Harbor ME -- 20
7. 2002 -- May 26, Barge hits Bridge, Span Collapse, Webbers Falls, OK²⁷⁸⁶ -- 14
8. 1903 -- Aug 08, Bleacher Collapses, National Baseball Park, Philadelphia, PA -- 12
9. 1999 -- Nov 17/18, Bonfire Stack Failure, Texas A&M, College Station, TX -- 12
10. 2000 -- Aug 19, El Paso Natural Gas Pipeline Rupture and Fire, Carlsbad, NM²⁷⁸⁷ -- 12
11. 1913 -- Jun 30, **Walkway/Gangway** failure, drownings, Merrimac River, Lawrence, MA-- 11
12. 1972 -- Nov 7, *Freighter Hits Sidney Lanier Bridge*, Span Collapse, Brunswick GA²⁷⁸⁸-- 10

²⁷⁸⁵ Cross-listed under Maritime and Road/Highway. More of a knock-down than a failure.

²⁷⁸⁶ Cross-listed under Maritime and Road/Highway

²⁷⁸⁷ Cross-listed in Explosions and in Fires-Structural.

²⁷⁸⁸ Cross-listed under Maritime and Road/Highway. More of a knock-down than a failure.

Structural Failures Subset – Other (Bonfire Stack, Bridge, Dock/Gangplank/Pier/Wharf, Stadium Stands, Tank) -- Chronological

1. 1856 -- July 01, Wharf Fails, Reed Street, Delaware River, Philadelphia, PA --10-20
2. 1883 -- July 23, Pier Fails, North Point, Tivoli Park, Baltimore, MD --63-70
3. 1899 -- Aug 06, Gangplank Fails, Drowning, Mount Desert Ferry ~ Bar Harbor ME -- 20
4. 1903 -- Aug 08, Bleacher Collapses, National Baseball Park, Philadelphia, PA -- 12
5. 1912 -- Jun 23, Pier/Dock Collapse, Eagle Park, Niagara River, near Buffalo, NY -- 39
6. 1913 -- Jun 30, Walkway/Gangway failure, drownings, Merrimac River, Lawrence, MA-- 11
7. 1919 -- Jan 15, Molasses Tank Failure, US Industrial Alcohol Co., Boston, MA -- 21
8. 1972 -- Nov 7, Sidney Lanier Bridge Span Collapse, Freighter Hits, Brunswick GA²⁷⁸⁹-- 10
9. 1980 -- May 9, Summit Venture hits Sunshine Skyway Bridge, Collapse, Tampa FL²⁷⁹⁰-- 35
10. 1999 -- Nov 17/18, Bonfire Stack Failure, Texas A&M, College Station, TX -- 12
11. 2000 -- Aug 19, El Paso Natural Gas Pipeline Rupture and Fire, Carlsbad, NM²⁷⁹¹ -- 12
12. 2002 -- May 26, Barge hits Bridge, Span Collapse, Webbers Falls, OK²⁷⁹² -- 14

²⁷⁸⁹ Cross-listed under Maritime and Road/Highway.

²⁷⁹⁰ Cross-listed under Maritime and Road/Highway.

²⁷⁹¹ Cross-listed in Explosions and in Fires-Structural.

²⁷⁹² Cross-listed under Maritime and Road/Highway

SWIMMING DROWNINGS – Deadliest American – By Fatalities

1. 1911 -- July 4, Swimming Drownings, greater Philadelphia, PA -- 12
2. 1901 -- Jun 30, Drownings NYC area (East, Harlem, Hudson, No. rivs.) Rockaway Beach-10
3. 1911 -- Jun 24, Swimming Drownings (all children), Pensacola, FL -- 10
4. 1927 -- July 18, Drownings at beaches, Lake Michigan, Chicago vicinity, IL -- 10
5. 1929 -- July 4, Drownings, Grand Haven State Park, MI -- 10
- 1911 -- July 4, Swimming Drownings, NYC, NY -- 9

SWIMMING DROWNINGS – Deadliest American – Chronological

1. 1901 -- Jun 30, Drownings NYC area (East, Harlem, Hudson, No. rivs.) Rockaway Beach-10
2. 1911 -- June 24, Swimming Drownings (all children), Pensacola, FL -- 10
- 1911 -- July 4, Swimming Drownings, NYC, NY -- 9
3. 1911 -- July 4, Swimming Drownings, greater Philadelphia, PA -- 12
4. 1927 -- July 18, Drownings at beaches, Lake Michigan, Chicago vicinity, IL -- 10
5. 1929 -- July 4, Drownings, Grand Haven State Park, MI -- 10

Other Drownings though not Swimming, but not typical maritime:

1. 1899 -- Aug 06, Gangplank Fails, Drowning, Mount Desert Ferry ~ Bar Harbor, ME -- 20
2. 1838 -- Nov 19, Drownings, Lock and Dam No. 3, Green River, Rochester, KY -- 15
3. 1905 -- July 7, Drownings, at Log Jam, Chippewa River, Little Falls Dam, WI -- 11
4. 1913 -- June 30, Walkway/Gangway failure, drownings, Merrimac River, Lawrence, MA--11
5. 1944 -- Mar 16, Assault Boat Training Drownings, Lakewood, ~Camp Robinson, AR -- 11
6. 1884 -- Jan 23, Raft upset/drownings, Upper Cumberland River, near Carthage, TN -- 9-10
7. 1913 -- Jun 28, Raft Ferry Sinks, Drownings, Kiskiminetas River, near Leechburg, PA-- 10

TAINTED FOOD, DRUGS and MEDICATIONS (unintentional) -- By Mortality

1. 1924-25 -- Nov-Feb, Typhoid Fever from West Sayville, LI, NY contaminated raw oysters--~150
2. 1937 -- Sep-Oct, Elixir Sulfanilamide med. poisoning when diethylene glycol added-105-106
3. 1985 -- Apr-July 28, Listeria food poisoning; unpasteurized milk contaminated cheese, esp. LA Co., CA²⁷⁹³-85-95
4. 1941 -- Sulfathiazole Winthrop Poisoning (tablets contaminated with phenobarbital) -- ≥82
5. 2012 -- Fungal Meningitis Outbreak from tainted steroid injections, esp. MI/19 TN/16-- 64
6. 1911 -- May, Septic sore throat (from hemolytic streptococcus in milk), Boston, MA --38-48
7. 1942 -- Nov 18, Sodium fluoride poisoning, patients/staff, OR State Hosp., Salem, OR-- 47
8. 2011 -- Aug-Oct, Listeriosis food poisoning; cantaloupes; packing facility ~Holly, CO-- 33
9. 1922 -- Mar 24-Apr 24, Septic Sore Throat epidemic; contaminated milk, Portland, OR-- 22
10. 1998 -- Aug-Feb 1999 -- Listeria tainted hot dog and deli meat food poisoning deaths -- 21

11. 1919 -- Late Aug-Oct 18, Botulism, canned Cal. Olives, Canton OH, Detroit MI, Java MT--17-19
12. 1901 -- Oct 19-Nov 7, Tetanus tainted (horse blood) diphtheria antitoxin, St Louis, MO-- 13
13. 2002 -- July-Sep, Food poisoning Listeriosis outbreak, sliceable turkey deli meat -- 7-10

Other:

- 1901 -- Nov, Tetanus-tainted Smallpox vaccination deaths, Camden, NJ -- 9
- 2008 -- Sep-March, 2009; Salmonella food poisoning; peanut butter; ID/MN/NC/OH/VA-- 9

²⁷⁹³ All deaths are associated with contaminated from one cheese producer, Jalisco, in Los Angeles County, which, with at least 43 deaths, out of 85 in California, had the highest number of deaths. There were at least ten deaths in several other states from the same source. About half of all deaths were stillborns or miscarriages.

TAINED FOOD, DRUGS and MEDICATIONS (unintentional) -- Chronological

1. 1901 -- Oct 19-Nov 7, Tetanus tainted (horse blood) diphtheria antitoxin, St Louis, MO-- 13
1901 -- Nov, Tetanus-tainted Smallpox vaccination deaths, Camden, NJ -- 9
2. 1911 -- May, Septic sore throat (from hemolytic streptococcus in milk), Boston, MA --38-48
3. 1919 -- Late Aug-Oct 18, Botulism, canned Cal. Olives, Canton OH, Detroit MI, Java MT-17-19
4. 1922 -- Mar 24-Apr 24, Septic Sore Throat epidemic; contaminated milk, Portland, OR-- 22
5. 1924-25 -- Nov-Feb, Typhoid Fever from West Sayville, LI, NY contaminated raw oysters--~150
6. 1937 -- Sep-Oct, Elixir Sulfanilamide med. poisoning when diethylene glycol added-105-106
7. 1941 -- Sulfathiazole Winthrop Poisoning (tablets contaminated with phenobarbital) -- ≥82
8. 1942 -- Nov 18, Sodium fluoride poisoning, patients/staff, OR State Hosp., Salem, OR-- 47
9. 1985 -- Apr-July 28, Listeria food poisoning; unpasteurized milk contaminated cheese, esp. LA Co., CA²⁷⁹⁴-85-95
10. 1998 -- Aug-Feb 1999 -- Listeria tainted hot dog and deli meat food poisoning deaths -- 21
11. 2002 -- July-Sep, Food poisoning Listeriosis outbreak, sliceable turkey deli meat -- 7-10
2008 -- Sep-March, 2009; Salmonella food poisoning; peanut butter; ID/MN/NC/OH/VA-- 9
12. 2011 -- Aug-Oct, Listeriosis food poisoning; cantaloupes; packing facility ~Holly, CO-- 33
13. 2012 – Fungal Meningitis Outbreak from tainted steroid injections, esp. MI/19 TN/16 -- 64

²⁷⁹⁴ All deaths are associated with contaminated from one cheese producer, Jalisco, in Los Angeles County, which, with at least 43 deaths, out of 85 in California, had the highest number of deaths. There were at least ten deaths in several other states from the same source. About half of all deaths were stillborns or miscarriages.

TORNADOES / Tornadic-like– Deadliest American -- By MORTALITY

1. 1925 -- March 18, Tornadoes, esp. Tri-State Tornado (IL, IN, MO), AL, KY, TN --689-792
2. 1840 -- May 7, Tornado, Natchez, MS; Concordia and LA Plantations --317-586
3. 1884 -- Feb 19-20, Enigma SE Tornadoes, AL, GA, KY, LA, MS, NC, SC, VA --178-420
4. 1932 -- March 21, “Deep South” Tornado Outbreak, AL, GA, KY, MS, TN --332-350
5. 2011 -- April 27, Tornadoes, Storms, Flash Floods, AL, AR, MS, TN, GA, VA, KY- 341-350
6. 1974 -- April 3-4, Tornadoes, esp. AL/GA/IL/IN/KY/MI/NC/OH//TN/VA/WV --294-342
7. 1908 -- April 23-25, Tornado Outbreak (18), AL, AR, GA, LA, MS, NE, TX --250-332
8. 1896 -- May 27, Tornadoes IL and MO. Particularly St. Louis, MO -- 306
9. 1965 -- April 11-12, Palm Sunday Tornadoes, Midwest/Great Lakes -- 271
10. 1936 -- April 5, Tornadoes, AL, AR, MS, TN -- 249
11. 1920 -- April 20, Tornados, MS (131), AL (92) -- 223
12. 1927 -- May 09, Tornado Outbreak, AR, MO, TX, IL, LA, KY-IL -- 212
13. 1952 -- March 21, Tornado Outbreak, AR, TN, MO, MS -- 208
14. 1936 -- April 6, Tornadoes and Fires (esp. Cooper Pants Factory), Gainesville, GA²⁷⁹⁵ -- 203
15. 1913 -- March 23, Easter Sunday Tornados, LA, MO, esp. Omaha, NE, IN, IA --194-196
16. 1947 -- Apr 09, Woodward, Oklahoma Tornado; Tornado Outbreak TX, KS -- 185
17. 1860 -- Jun 03, Tornado Outbreak, Camanche, IA & Albany, IL -- 175
18. 1920 -- Mar 28, Palm Sunday Tornado Outbreak, IL, WI, IN, MI, AL, GA -- 163
19. 2011 -- May 22, Tornado, Joplin, MO --159-163
20. 1916 -- Jun 05, Tornado Outbreak, AR, IL, MO, MS, TN --76-160
21. 1890 -- Mar 27, Tornadoes, MO-IL, IL, MO-KY, MO-IL, KY-IL-KY, TN, KY --113-156
22. 1944 -- Jun 23, Appalachians Tornado Outbreak, WV (Shinnston), PA, MD, DE -- 154
23. 1880 -- Apr 18, Tornadoes, multiple locations, particularly Marshfield, MO -- 152
24. 1909 -- Apr 29, Tornadoes, AL, AR, IL, MS, MO, TN --132-146
25. 1942 -- Mar 16, Tornadoes, IL, KY, MS, TN, AL, IN -- 145
26. 1953 -- Jun 08, Tornadoes, MS, MI, OH -- 142
27. 1920 -- Apr 20, Tornadoes, MS -- 131
28. 1945 -- Apr 12, Tornadoes, OK, AR, MO -- 128
29. 1953 -- May 11, Tornadoes, Tom Green and McLennan Counties (Waco/114), TX -- 127
30. 1875 -- Mar 20, SE Tornado Outbreak, especially GA, also AL, NC, SC --93-120
31. 1899 -- Jun 12, Tornado New Richmond, St. Croix County, WI -- 119
32. 1902 -- May 18, TX Tornado Outbreak, esp. Goliad, TX -- 118
33. 1971 -- Feb 21, Tornadoes, Mississippi Delta, MS -- 109
34. 1955 -- May 25, Tornadoes, TX, OK, KS -- 102
35. 1917 -- May 26, Tornado, 7 counties, especially Coles County (Mattoon), IL -- 101
36. 1860 -- May 21, Tornado, Louisville, KY to Portsmouth, OH -- 100
37. 1882 -- June 18, Tornado, Grinnell, Iowa -- 100
38. 1875 -- May 1, Tornadoes, AL, GA, SC --86-99
39. 1903 -- June 1, Tornado, Gainesville, Holland County, GA -- 98
40. 1905 -- May 10, Tornado, F5, Snyder, OK -- 97
41. 1953 -- June 09, Tornado Worcester, MA -- 94
42. 1920 -- Apr 20, Tornadoes, AL -- 92
43. 1924 -- June 28, Tornadoes, (Lorain, Sandusky, elsewhere), OH -- 89

²⁷⁹⁵ Cross-listed in Fire-Structural. Approximately 40-70 people died in the Pants Factory fire.

44. 1933 -- Mar 30/31, Tornado outbreak/high winds, AL/2, AR/1, LA/11, MS/56, TX/18--	88
45. 1883 -- Apr 22, Tornado, MS	-- 81
46. 1927 -- Sep 29, Tornadoes, St. Louis City and County, MO, Madison County, IL	-- 81
47. 1930 -- May 06, Tornadoes, TX	-- 81
48. 1955 -- Apr 25, Tornado, Udall, KS	-- 80

TORNADOES – Deadliest American -- **By MORTALITY** – (Cont.)

49. 1886 -- Apr 14, Tornadoes, Sterns/Benton (Sauk Rapids)/Morrison Counties, MN	-- 79
50. 1913 -- Mar 13/14, Tornado Outbreak, AL, AR, GA, LA, MS, TN, TX	-- 78
51. 1985 -- May 31, Tornadoes, OH (11 fatalities) and PA (65-67 fatalities)	--76-78
52. 1909 -- Oct 14, Tornado Outbreak, esp. AL (11-21), AR (2), GA (1-2), TN (42-50)	--56-75
53. 1927 -- Apr 12, Rock Springs TX Tornado	-- 74
54. 1896 -- May 15, Sherman Texas Tornado	-- 73
55. 1893 -- July 6, Tornado, Cherokee/Buena Vista/Pocahontas/Calhoun Counties, IA	-- 71
56. 1920 -- May 02, Tornado, Peggs (Cherokee County), OK	-- 71
57. 1968 -- May 15, Tornado Outbreak, AR, IA, IL, IN, KS, OH, MO	-- 71
58. 1900 -- Nov 20, Tornado, MS, TN	-- 69
59. 1872 -- Jun 17, F5 Tornado, Greene, Boone Story, Marshall, Jasper, Poweshiek, IA	-- 68
60. 1909 -- Mar 08, Tornadoes, AR	-- 67
61. 1917 -- May 27, Tornado, TN, KY	-- 67
62. 1917 -- May 30, Tornadoes (8), MO	-- 67
63. 1924 -- Apr 30, Tornadoes, SC	-- 67
64. 1984 -- March 28, Tornadoes and severe weather, NC (42-44) and SC (21)	--63-65
65. 1894 -- Sep 21, Tornado Outbreak (5) IA/MN	-- 63
66. 1899 -- Apr 27, Tornado, Kirksville and Newtown, MO	-- 63
67. 2008 -- Feb 5-6, "Super Tuesday" Tornado Outbreak, AL, AR, KY, TN	--62-63
68. 1883 -- May 18, Tornado Outbreak, IL and WI	-- 62
69. 1921 -- Apr 21, Tornado, Northeast TX and AR	-- 61
70. 1919 -- Jun 22, Tornado, Fergus Falls (Ottertail County), MN	--50-59
71. 1926 -- Nov 25, Tornadoes, Thanksgiving Day, AR	-- 58
72. 1949 -- Jan 03, Tornado Outbreak, AR	-- 58
73. 1967 -- Apr 21, Tornadoes, Northern IL	-- 58
74. 1966 -- Mar 03, Tornado, Hinds and Kemper Counties, MS	-- 57
75. 1979 -- Apr 10, Tornadoes, Red River Valley (especially Wichita Falls, TX), OK, TX	--56-57
76. 1919 -- April 9, Tornadoes, TX	-- 56
77. 1921 -- April 15, Tornadoes, Miller, Hempstead, Pile, Yell, Pope Counties, AR	-- 56
78. 1942 -- April 27, Tornadoes, Rogers, Mayes (Pryor), Counties OK	-- 56
79. 1898 -- Jan 11, Tornado, Fort Smith, Arkansas	-- 55
80. 1898 -- May 18, Tornadoes, IA, IL, WI	-- 55
81. 1929 -- April 10, Tornado Outbreak, AR	-- 55
82. 1999 -- May 3, Tornadoes (74; 58 in OK); KS (6 deaths) & especially OK (45) ²⁷⁹⁶	--51-55
83. 1933 -- March 14, Tornado outbreak, esp. Nashville, Pruden, Kingsport area, TN	--45-52

²⁷⁹⁶ We show a range of 51-55 because while we have one National Weather Service source noting 55 fatalities we note several other NWS and NOAA sources noting 45-46. We have been able to identify fifty-one deaths, including five indirect fatalities.

84. 1949 -- May 21, Tornado Outbreak, MO/IL/IN	-- 51
85. 1892 -- June 15, Tornado Outbreak, Multiple Counties, MN	--40-50
86. 1908 -- May 13, Tornado Outbreak, Caddo, Bossier, & 5 other Counties, LA	-- 50
87. 1915 -- July 7, Tornado Outbreak and Windstorms, OH/KY/IL/IN/MS	-- >50
88. 1917 -- May 27-28, Tornado Outbreak (7), AL	-- 50

TORNADOES – Deadliest American -- **By MORTALITY** – (Cont.)

89. 1929 -- Apr 25, Tornado Outbreak, GA	-- 49
90. 1957 -- May 20, Tornado, Kansas City Suburbs, Jackson County, MO	-- 48
91. 1896 -- May 25, Tornado Outbreak, IL and MI	-- 47
92. 1917 -- Mar 23, Tornadoes, IL, Jefferson Co., KY, esp. New Albany, Floyd Co., IN	-- 46
93. 2011 -- Apr 14-16, Storms, wind, tornadoes, flash floods, AL, AR, MS, NC, OK, VA	-- 46
94. 1945 -- Feb 12, Tornado Outbreak, AL/MS	-- 43
95. 1948 -- Mar 19, Tornado Outbreak, MO/IL/KY/OH/PA/MD	-- 43
96. 1919 -- Mar 16, Tornado Outbreak, LA and MS, especially Isola, MS	-- 42
97. 1998 -- Feb 22-23, Tornadoes, Orange, Osceola, Seminole, Volusia Counties, FL	-- 42
98. 1879 -- May 30, Tornadoes, MO, KS, NE	-- >40
99. 1880 -- May 28, Tornado, Fannin County, TX	-- 40
100. 1883 -- Aug 21, Tornado Outbreak, MN	-- 40
101. 1927 -- May 9, Tornadoes, TX Subset ²⁷⁹⁷	-- 40
102. 1944 -- Apr 10, Tornadoes, AR	-- 39
103. 2012 -- Mar 02, Tornadoes, Midwest and South, esp. AL, GA, IN, KY, OH, TN	-- 39
104. 1953 -- Dec 05, F5 Tornado, Warren County, MS	-- 38
105. 2003 -- May 4, Tornadoes, SE KS (8) MO (19) TN (11) esp. Denmark area	-- 38
106. 1884 -- Feb 19, Tornadoes, MS-AL, AL-GA, KY, GA-SC	-- 37
107. 1893 -- Apr 25, Cleveland, Grady, Logan, McClain, Payne Counties, OK	-- 37
108. 1904 -- Jan 22, Tornado, Hale-Tuscaloosa Counties (Moundville), AL	-- 37
109. 1932 -- Mar 21, Tornadoes, GA ²⁷⁹⁸	-- 37
110. 2014 -- Apr 27-28, Tornadoes, AR, OK, IA, AL, MS, TN, especially AR and MS	-- 37
111. 1918 -- Aug 21, Brookings County SD / Lincoln, Lyon Counties, MN	-- 36
112. 1933 -- May 09, Tornado, Monroe/Cumberland/Adair/Russell, KY	-- 36
113. 1936 -- Apr 02, Tornado, Crisp County (especially Cordele), GA	-- 36
114. 1933 -- May 10, Tornado, Overton/Pickett, TN	-- 35
115. 1942 -- June 12, Tornado, Oklahoma County, OK	-- 35
116. 1947 -- June 01, Tornado, Jefferson County, AR	-- 35
117. 1878 -- Aug 09, Tornado, Wallingford, New Haven County, CT	--27-34
118. 1905 -- May 08, Tornado, McPherson and Saline Counties, KS	-- 34
119. 1909 -- May 30, Tornado, Brown County, TX	-- 34
120. 1913 -- Mar 21, Tornadoes (5), AL	-- 34
121. 1917 -- June 5, Cooper/Boone/Audrain/Wright/Ray/Carroll Counties, MO	-- 34
122. 1924 -- Sep 21, Tornadoes, WI	-- 34
123. 1933 -- May 01, Tornadoes (2), Webster/Bienville/Claiborne, LA	-- 34

²⁷⁹⁷ TX subset of multi-state May 9, 1927 Tornado Outbreak.

²⁷⁹⁸ GA subset of Southeast Tornado Outbreak, March 21, 1932, AL, GA, KY, MS, TN

124.	1998 -- Apr 8, Tornadoes, Oak Grove, Moody Counties, Birmingham, AL	-- 34
125.	2002 -- Nov 10, Tornado Outbreak, AL (12) MS (1) OH (5) PA (1) TN (15)	-- 34
126.	1921 -- Feb 10, Tornado, Oconee and Gardner (Washington County), GA	-- 32
127.	1938 -- Sep 29, Tornado, Charleston County, SC	-- 32
128.	1939 -- Apr 16, Tornadoes, Drew, Cleveland, Jefferson Counties, AR	-- 32
129.	1969 -- Jan 23, Tornado Outbreak, Central MS	-- 32
130.	1950 -- Feb 12, Tornadoes, TX, LA	-- 31
131.	1960 -- May 05, Tornado Outbreak, OK	-- 31
132.	1982 -- Apr 2, Tornadoes, AR/IL/IA/KS/LA/MS/NE/OK/TN/TX esp. AR/15, MS/3, MO/2 TX/11-31	-- 31
133.	1814 -- Aug 25, Tornado, Washington, D.C.	-- <30
134.	1818 -- Aug 15, Tornado, Stafford County, VA to Charles County, MD	-- 30
135.	1876 -- July 4, Tornadoes, Warren and Madison Counties, IA	-- >30
136.	1884 -- Mar 25, Tornadoes, GA, IN, KY, NC, OH, SC	-- 30
137.	1888 -- Feb 19, Tornado, F4, Mount Vernon, Jefferson County, IL	--24-30
138.	1912 -- Apr 21, Tornadoes (6), IL, IL-IN, IN	-- 30
139.	1917 -- Mar 11, Tornados, Henry and White Counties, IN, Cincinnati, OH	--28-30
140.	1924 -- May 26, Tornadoes, MS	-- 30
141.	1946 -- Jan 4, Tornado Outbreak, TX	-- 30
142.	1987 -- May 22, Tornado, Saragosa, Reeves County, TX	-- 30
143.	2006 -- Apr 2, Tornadoes, high-wind Storms, AR, IL, IN, MO, esp. NW TN	--29-30

TORNADOES – Deadliest American -- By MORTALITY

144.	1887 -- Apr 21, Tornado, Anderson, Linn Counties, KS; Bates County, MO	-- 29
145.	1912 -- Apr 27, Tornadoes, 7 Counties, OK	-- 29
146.	1942 -- Oct 29, Tornado, Carroll County, AR	-- 29
147.	1990 -- Aug 28, F5 Tornado, Kendall and Will Counties (especially Plainfield), IL	-- 29
148.	1997 -- March 1, Tornadoes; especially AR (27 deaths) MS (1 death) and TN (1) ²⁷⁹⁹	-- 29
149.	1997 -- May 27, Tornadoes, Jarrell (Williamson Co.); Lakeway (Travis Co.) TX	--28-29
150.	1890 -- Aug 19, Tornadoes, Berks, Carbon, Luzerne, Susquehanna Counties, PA	-- 28
151.	1958 -- Jun 04, Tornado Outbreak, WI	-- 28
152.	1970 -- May 11, Tornado, Lubbock, TX	-- 28
153.	1878 -- Apr 21, Tornadoes, six Counties, IA	-- 27
154.	1927 -- Feb 17, Tornadoes, Sabine/Natchitoches/Red River, Tensas, LA	-- 27
155.	1942 -- May 02, Tornadoes (3), multiple counties, OK	-- 26
156.	1992 -- Nov 21-23, Tornado Outbreak, GA/6 KY/1 MS/15 NC/2 SC/1 TN/1	-- 26
157.	1854 -- Aug 27, Tornado, Louisville, KY	-- 25
158.	1882 -- May 08, Tornadoes, Alfalfa, Johnston, and Pittsburg Counties, OK	-- 25
159.	1887 -- April 22, Tornadoes, ~Clarksville, AR; ~Mt. Carmel, IN; Buena Vista, IL	-- 25
160.	1892 -- Mar 31, Tornadoes, Ottawa/Sumner/Sedgwick & other Counties, KS	-- 25
161.	1896 -- May 17, Tornado, Palmer, Kansas to Falls City, NE	-- 25
162.	1901 -- March 25, Tornado, Jefferson Co. (Birmingham/Avondale/Irondale), AL	--16-25
163.	1933 -- May 05, Tornadoes, AL	-- 25
164.	1956 -- April 15, Tornado, Jefferson County, AL	-- 25
165.	2005 -- Nov 6, Tornado, Eastbrook Mobile Homes, Evansville & Warrick Co., IN ²⁸⁰⁰	--24-25

²⁷⁹⁹ Includes one indirect electrocution death in Pulaski County, AR, on March 2, during clean-up; male, 35.

166.	1881 -- July 15, Tornado Outbreak, MN	--	24
167.	1924 -- May 26-27, Tornadoes, AL	--	24
168.	1927 -- Mar 18, Tornado, Carroll and Boone Counties, AR	--	24
169.	1947 -- Apr 29, Tornadoes, MO/AR	--	24
170.	1949 -- Mar 26, Tornadoes, AR	--	24
171.	1964 -- Oct 03, Tornado (Spawned by Hilda), Larose, Lafourche Parish, LA ²⁸⁰¹	--	24
172.	2013 -- May 20, Tornado, Moore, OK	--	24

TORNADIES – Deadliest American -- By MORTALITY (Cont.)

173.	1814 -- Jun 30, Tornado Sinks Schooner USS <i>Alligator</i> , Port Royal Sound, SC ²⁸⁰²	--	23
174.	1893 -- Apr 28, Tornado, Eastland County, TX	--	23
175.	1906 -- Mar 02, Tornado, Meridian, Lauderdale County, MS	--	23
176.	1917 -- May 25, Tornado, Sedgwick, Harvey, Marion Counties, KS	--	23
177.	1923 -- May 14, Tornado, F5, Howard and Mitchell Counties, TX	--	23
178.	1930 -- Nov 19, Tornado, Oklahoma County, OK	--	23
179.	1944 -- Apr 16, Tornado, Franklin, Hart, Elbert, GA	--	23
180.	1955 -- Feb 01, Tornadoes, Tunica/DeSoto Counties, MS	--	23
181.	1865 -- Jun 28, Tornado, Viroqua, WI	--	22
182.	1929 -- May 02, Tornadoes, VA	--	22
183.	1977 -- April 04, Tornado, Jefferson County AL	--	22
184.	1991 -- April 26, Tornadoes, KS (18 deaths); OK (4 deaths), esp. Andover area, KS	--	22
185.	1994 -- Mar 27, Tornado, St. Clair, Calhoun, Cherokee Counties, AL	--	22
186.	1846 -- May 07, Tornado, Grenada, MS	--	21
187.	1896 -- May 24, Tornado, Des Moines/Valeria, IA	--	21
188.	1927 -- Apr 19, Tornadoes, IL	--	21
189.	1938 -- Feb 17, Tornado, Cass, TX; Caddo, LA	--	21
190.	1953 -- Apr 30, Tornadoes, GA	--	21
191.	1957 -- May 15, Tornado, Silverton, Briscoe County, TX	--	21
192.	1959 -- Feb 10, Tornado, St. Louis City and County, MO	--	21
193.	1989 -- Nov 15, Tornado, Madison County, AL	--	21
194.	2007 -- Feb 02, Tornadoes, Lady Lake and Lake Mack, Lake County, Central FL	--	21
195.	2008 -- May 10, Tornadoes, Northeast OK and Southwest MO	--	21
196.	2017 -- Jan 21 (MS/4) and Jan 22 (GA/16-17) Tornadoes and High Wind (FL/1) ²⁸⁰³	--	21-22
197.	1883 -- May 28, Tornadoes, ~Clay City, Clay Co., Edinburgh, Johnston Co., IN	--	14-20
198.	1880 -- June 09, Tornado, Wheeler's Grove, Pottawattamie County, IA	--	14-20
199.	1903 -- Apr 3, Tornadoes (2), Leesburg, Hopewell, Summit, AL	--	20
200.	1923 -- Mar 11, Tornado, Chester/Madison, TN	--	20

²⁸⁰⁰ The range has to do with whether sources cited include death of stillborn (8 months) Elaina Faith Warren, in Warrick County. Some sources note twenty-four fatalities, and some 25, including stillborn girl as the 25th.

²⁸⁰¹ Also included in Hurricane Hilda fatality count of 42.

²⁸⁰² Cross-listed in Maritime

²⁸⁰³ Range reflects Albany, GA boy, 2, still missing one month later. The FL death was attributed to high wind.

201.	1930 -- May 18, Tornadoes, Arkansas and Phillips Counties, AR	--	20
202.	1936 -- Jan 18, Tornadoes, AL, FL, GA	--	20
203.	1948 -- Mar 26, Tornado Outbreak, IN	--	20
204.	1955 -- Apr 25, Tornado, Blackwell, OK	--	20
205.	2013 -- May 31, Tornadoes, flooding, Oklahoma City region, Central OK ²⁸⁰⁴	--	20

TORNADOES – Deadliest American -- By MORTALITY (Cont.)

206.	1858 -- May 31, Tornado, Ellison, Warren County, IL	--	19
207.	1918 -- May 21, Tornadoes (7), 10 Counties, IA	--	19
208.	1920 -- Apr 19, Tornadoes, Yell/Logan/Johnson/Pope Counties, AR	--	19
209.	1929 -- Feb 25, Tornado, F4, Bolivar County, MS	--	19
210.	1933 -- May 5, Tornado, Anderson and Laurens Counties, SC	--	19
211.	1941 -- Oct 26, Tornadoes, Yell, Pope and Ashley Counties, AR	--	19
212.	2000 -- Feb 13-14, Georgia Tornadoes, esp. Camilla, Mitchell County, GA	--	19
213.	1873 -- May 22, Tornadoes, KS, IA, IL	--	18
214.	1905 -- July 05, Tornado, Montague Country, TX	--	18
215.	1917 -- May 27, Tornado, Miss., AR, TN	--	18
216.	1919 -- Apr 08, Tornado, F4, Collin and Fannin Counties, TX	--	18
217.	1925 -- Oct 25, Tornado, Pike-Bullock-Barbour-Crenshaw Counties, AL	--	18
218.	1940 -- Feb 10, Tornado, Dougherty County, GA	--	18
219.	1944 -- Apr 16, Tornadoes, Anderson/Abbeville/Newberry Counties, SC	--	18
220.	1947 -- Dec 31, Tornado, Bossier, Webster, Claiborne Counties, LA	--	18
221.	1956 -- Apr 3, Tornado, Allegan/Ottawa/Kent/Montcalm, MI	--	18
222.	1878 -- May 23, Tornadoes, WI and Dane County, IA	--	17
223.	1886 -- May 14, Tornado Outbreak (3) OH	--	17
224.	1892 -- May 27, Tornado, Barber, Harper, and Sumner Counties, KS	--	17
225.	1903 -- Feb 17, Steamer <i>Olive</i> sunk, Tornado, Chowan Riv., Woodley's Pier, NC ²⁸⁰⁵	--	>17
226.	1903 -- Oct 03, Tornadoes (3), MN-WI, WI, IL	--	17
227.	1905 -- Mar 20, Tornado, Chambers/Randolph Counties, AL; Heard County, GA	--	14-17
228.	1906 -- Apr 26, Tornado, Clay and Montague Counties, TX	--	17
229.	1912 -- Apr 20, Tornadoes (9), KS, OK, TX	--	17
230.	1916 -- Dec 26, Tornadoes (3), AR	--	17
231.	1917 -- Jan 04, Tornado, Vireton, OK	--	17
232.	1923 -- Mar 15, Tunica, Tate, Desoto, Quitman, Panola Counties, MS	--	17
233.	1926 -- Nov 09, Tornado, Charles and Prince Georges Counties, MD	--	17
234.	1953 -- Mar 13, Tornado, Haskell/Knox Counties, TX	--	17
235.	1962 -- Mar 31, Tornado, Milton, Santa Rosa County, FL	--	17
236.	1966 -- June 8, Tornado, Topeka, Shawnee, KS	--	16-17
237.	1970 -- Apr 18, Tornado, Swisher/Briscoe/Armstrong/Donley/Gray, TX	--	17
238.	2011 -- May 24, Tornadoes, OK, KS, Ark	--	17

²⁸⁰⁴ Two of the deaths were confirmed as drownings amongst group seeking safety in a storm drain. Not in this total are three flooding deaths in Missouri.

²⁸⁰⁵ Cross-listed in Maritime.

239. 2015 -- Dec 23, Storms and Tornadoes, AR (1 death) MS (10 deaths) and TN (6) -- 17

TORNADOES – Deadliest American -- **By MORTALITY** – Cont.

240.	1852 -- Apr 30, Tornado, New Harmony, IN	-- 16
241.	1874 -- Nov 22, Tornadoes, Colbert, Lauderdale, Shelby Counties, AL	--12-16
242.	1877 -- June 4, Tornado, Mt. Carmel, Wabash County, IL	-- 16
243.	1879 -- July 2, Tornado Outbreak, IA, MN, WI	-- 16
244.	1893 -- Mar 23, Clarke/Desoto MS; Richland, LA; Shelby/Weakley, TN	-- 16
245.	1894 -- Mar 18, Tornadoes, Harrison and Nacogdoches Counties, TX	--10-16
246.	1899 -- Mar 18, Tornadoes (3), AL	-- 16
247.	1905 -- Apr 29, Severe Storm or Tornado, Laredo, TX	-- 16
248.	1909 -- Apr 30, Tornado Outbreak, GA	-- 16
249.	1915 -- May 06, Tornadoes, MS, LA, TN	-- 16
250.	1917 -- Feb 23, Tornadoes, Hale, Perry, Elmore, Coosa, Clay Counties, AL	-- 16
251.	1924 -- Apr 30, Tornado Outbreak, GA	-- 16
252.	1933 -- May 22, Tornadoes, OK, KS, NE, ND	-- 16
253.	1961 -- May 05, Tornado, Leflore County, OK	-- 16
254.	1978 -- June 17, Tornado, Showboat <i>Whippoowill</i> capsized, Pomona Lake, KS ²⁸⁰⁶	-- 16
255.	1984 -- April 21, MS (15-16) & TN Tornadoes esp. Water Valley and Philipp, MS	--15-16
256.	1854 -- Jan, Tornado, Louisville Vicinity, KY	-- 15
257.	1881 -- Jun 12, KS, MO	-- 15
258.	1904 -- Apr 25, Tornadoes, TX, Indian Territory, AR, KS	-- 15
259.	1909 -- May 29, Tornadoes (4), OK and ND	-- 15
260.	1921 -- Apr 16, Tornado Outbreak (9), AL	-- 15
261.	1921 -- Apr 26, Tornado, Copiah, Simpson Counties, MS	-- 15
262.	1923 -- Apr 4, Tornado, Rapides, LA	-- 15
263.	1924 -- May 28, Tornado Outbreak, OK	-- 15
264.	1942 -- April 29, Tornado, Allen, Bourbon, Linn Counties, KS	-- 15
265.	1949 -- Nov 24, Tornado Outbreak, AL	-- 15
266.	1957 -- May 21, Tornado Outbreak, MO	-- 15
267.	1958 -- June 10, Tornado, El Dorado, Butler County, KS	-- 15
268.	1969 -- Aug 06, Tornado Outbreak, MN	-- 15
269.	1893 -- Mar 03, Tornado Outbreak, GA	-- 14
270.	1897 -- Mar 30, Tornado, Lincoln County, OK	-- 14
271.	1901 -- Mar 9, Tornado Outbreak (5), AR, TX	-- 14
272.	1903 -- May 24, Franklin, Kearney, Adams, Webster, Clay Counties, AL	-- 14
273.	1908 -- Feb 14, Tornadoes, Tyler, TX, and Mossville, Service and Soso, MS	-- 8-14
274.	1908 -- Nov 23, Tornado, Franklin County, AR	-- 14
275.	1909 -- Feb 05, Tornado Outbreak, AL, AR and MS	-- 14
276.	1911 -- Apr 12, Tornadoes (8), AR, KS, OK, OK-KS-MO	-- 14
277.	1912 -- Feb 25, Tornadoes, Lincoln/Jefferson/Arkansas, Lee Counties, AR	-- 14
278.	1913 -- Mar 21, Tornadoes (3), MS	-- 14

²⁸⁰⁶ Cross-listed in Maritime.

279.	1913 -- May 14, Storm/Tornadoes, esp. Tamora, McCool Junction, Seward, NB	-- 8-14
280.	1917 -- June 1, Tornado, Coal County, OK	-- 14
281.	1918 -- May 9, Tornadoes, IL and IA	-- 14
282.	1919 -- Mar 15, Tornadoes, Dover, ~Hinton, Kingfisher, Porter, Weatherford, OK	-- 9-14
283.	1921 -- Dec 24, Tornadoes, LA, MS	-- 14
284.	1922 -- Mar 14, Tornadoes, AR, LA, MS	-- 14
285.	1927 -- Feb 17, Tornado, Warren, Covington, Jones, Jasper Counties, MS	-- 14
286.	1928 -- Sep 14, F4 Tornado, Rockford, IL	-- 14
287.	1930 -- May 01, Tornadoes, KS, MO, NE, IA, WI	-- 14
288.	1935 -- Apr 06, Tornado, Wilkinson/Amite, MS; St. Helena, LA	-- 14
289.	1936 -- Apr 02, Tornado, Guilford County, NC	-- 14
290.	1938 -- June 10, Tornado, F5, Callahan County, TX	-- 14
291.	1953 -- Apr 18, Tornado, Shelby and Lee-Russell, AL	-- 14
292.	1965 -- May 06, Tornado Outbreak (8), TX, OK, MN, OH	-- 14
293.	1968 -- Apr 19, F4 Tornado, Sebastian Country, AR	-- 14
294.	1968 -- Apr 23, Tornado Outbreak, OH, MI, TN, KY	-- 14
295.	1974 -- June 8, Tornado, Payne, Creek, Pawnee, Osage Counties, OK	-- 14

TORNADOES – Deadliest American -- **By MORTALITY** – Cont.

296.	1885 -- Nov 6, Tornado, Dallas County, Near Selma, AL	-- 13
297.	1886 -- Apr 14, Tornadoes (4), IA, NE, MO	-- 13
298.	1890 -- Jan 12/13, Tornado/Storm, New Madrid Co., MO, Hickman Co., KY	-- 13
299.	1890 -- June 20, Tornado, Lee and Dekalb Counties, IL	-- 13
300.	1893 -- Apr 12, Tornado, Tunica and Desoto Counties, MS	-- 13
301.	1903 -- May 26, Nodaway Co., MO; Polk/Monroe/Mahaska Counties, IA	-- 13
302.	1907 -- Apr 5, West Feliciana/East Feliciana, LA	-- 13
303.	1911 -- Nov 11, Tornadoes (3), Mason, IL; Rock, WI; Shiawassee, MI	-- 13
304.	1916 -- June 6, Tornado Hinds and Madison Counties, MS	-- 13
305.	1917 -- May 27, Tornadoes (3), 12 counties, TN	-- 13
306.	1918 -- Jan 11, Tornado, Pike and Houston Counties (especially Webb), AL	-- 13
307.	1922 -- Mar 13, Tornadoes, Murray and Latimer Counties, OK	-- 13
308.	1924 -- Apr 30, Tornado Outbreak, AL	-- 13
309.	1929 -- Apr 21, Tornado, Crew and Desha Counties, AR	-- 13
310.	1938 -- Mar 30, Tornado, IL	-- 13
311.	1942 -- Feb 06, Tornadoes, GA	-- 13
312.	1944 -- Jun 17, Brown/Codington/Grant/Roberts, SD; Big Stone, MN	-- 13
313.	1953 -- May 1-2 Tornado Outbreak, AL/TN/SC	-- 13
314.	1957 -- Jun 20, Supercell Thunderstorm, Tornadoes, Fargo, Cass County, ND	-- 13
315.	1958 -- Feb 26, Tornado Outbreak, MS	-- 13
316.	1967 -- Apr 30, Tornado Outbreak, Freeborn/Waseca/Steele, MN	-- 13
317.	1968 -- May 15, Tornado, Franklin/Butler/Floyd/Chickasaw/Howard Counties, IA	-- 13
318.	1984 -- June 7, Tornado outbreak, especially WI (9 deaths), IA (4) and MO (1 death)--	13
319.	2007 -- May 4, Tornado outbreak, Greensburg (11), Hopewell (1), Macksville (1), KS--	13

TORNADOES – Deadliest American -- By MORTALITY (Cont.)

320.	1868 -- May 05, Tornadoes, Pickens/Tuscaloosa/Talladega Counties, AL	--	12
321.	1881 -- Sep 20, Tornado, Mondovi, Buffalo County, WI	--	12
322.	1884 -- Apr 01, Tornado, OH/IN/TN/Western PA	--	12
323.	1890 -- Jun 03, Tornado, Bradshaw, NE	--	12
324.	1893 -- Apr 11, Tornado, Dent and Crawford Counties, MO	--	12
325.	1898 -- July 04, Tornado/Squall, Hampton Beach, NH	--	9-12
326.	1907 -- May 25, Mason, San Saba, Van Zandt, Rains Counties, TX	--	12
327.	1908 -- Jun 05, Tornado, Thayer and Fillmore Counties, NE	--	12
328.	1912 -- Feb 20, Tornado Outbreak (2), Caddo/Bossier, Claiborne, LA	--	12
329.	1914 -- Oct 09, Tornadoes (4), Elk, Wilson, Cherokee KS; Ottawa Co. OK	--	12
330.	1917 -- June 6, Tornadoes, MI, PA, KY	--	12
331.	1919 -- Apr 09, Tornadoes, Fannin, Bryan, Coal, Pontotoc Counties, OK	--	12
332.	1922 -- Apr 08, Tornado, Runnels, Coleman and Callahan Counties, TX	--	12
333.	1922 -- May 4, Tornado, Travis County, TX	--	12
334.	1926 -- Nov 25, Tornado, Sabine/Natchitoches/Red River, LA	--	12
335.	1927 -- Mar 17, Tornado, Hot Springs, Saline, Pulaski Counties, AR	--	12
336.	1927 -- May 08, Tornadoes, MO	--	12
337.	1929 -- Apr 05, Pierce/St. Croix/Dunn/Barron/Rusk/Sawyer Counties, WI	--	12
338.	1935 -- Feb 08, Tornado, Leon and Houston Counties, TX	--	12
339.	1953 -- May 10, Tornado Outbreak, WI/MN/IA	--	12
340.	1957 -- Nov 07, Tornado Outbreak, LA, MS, TX	--	12
341.	1959 -- Sep 30, Hurricane Gracie Spawns Tornadoes in Central VA, esp. Ivy ²⁸⁰⁷	--	11-12
342.	1963 -- Apr 29, Tornadoes, MO, MS, TN	--	12
343.	1968 -- Apr 03, Tornado Outbreak, AR, KY, TN, OK, MO	--	12
344.	1984 -- April 26, Tornado Outbreak, IA, MN (1), KS, and especially OK (11)	--	12
345.	1998 -- Mar. 20, Tornado, Hall (Gainesville Area) and White Counties, GA	--	12
346.	2000 -- Dec 16, Tornadoes, Geneva (1 fatality) and Tuscaloosa (11 deaths), AL	--	12
347.	2012 -- Feb 30, Severe Weather, Tornadoes, Harrisburg, IL, KS, KY, MO, NE, TN	--	12
348.	1804 -- April 4, Tornadoes, Six Counties in GA, Edgefield County, SC	--	11
349.	1811 -- Sep 10, Tornado, Charleston County, SC	--	11
350.	1859 -- May 26, Tornado, Scott and Morgan Counties, IL	--	11
351.	1873 -- July 04, Tornado or Storm, Boats Capsize, Drownings, Green Lake, WI ²⁸⁰⁸	--	11
352.	1893 -- June 21, Tornado, Jefferson County, KS	--	11
353.	1882 -- Mar 27, Tornadoes, Jones, Randolph, Terrell, Lee, Sumter Counties, GA	--	11
354.	1882 -- Apr 19, Tornado, Petits and Saline Counties, MO	--	11
355.	1883 -- Apr 23, Tornado Outbreak, GA	--	11
356.	1888 -- Aug 21, Tornado, Kent County, MD	--	11
357.	1891 -- July 06, Tornado, West Baton Rouge/East Baton Rouge, LA	--	11
358.	1899 -- June 13, Tornado, Washington County, NE	--	11
359.	1903 -- July 17, Tornadoes, La Salle and Livingston Counties, IL	--	11

²⁸⁰⁷ Cross-listed under Hurricanes.

²⁸⁰⁸ This event is not included in *Significant Tornadoes 1680-1991* by Grazulis, and thus referred to as a tornado in newspaper account, it may have been a thunderstorm or windstorm.

TORNADOES – Deadliest American -- By MORTALITY – Cont.

360.	1907 -- June 7-8, Tornadoes, New Minden and York, IL; Grayville, IN	--10-11
361.	1907 -- July 3, Tornadoes, Jackson, Juneau, Monroe, Sauk Counties, WI	-- 11
362.	1912 -- June 15, Tornado, Linn, Miami Counties, KS; Bates, Cass Counties, MO	-- 11
363.	1915 -- Nov 10, Tornado, Pawnee and Barton Counties, KS	-- 11
364.	1916 -- Apr 19, Tornadoes, Bourbon Ct., KS; Six Counties in MO	-- 11
365.	1916 -- May 20, Tornadoes (2), TX and TX-OK	-- 11
366.	1921 -- Apr 13, Tornado, F4, Collin County, TX	-- 11
367.	1921 -- Nov 17, Tornadoes, Polk/Clark/Hot Springs/Garland Counties, AR	-- 11
368.	1921 -- Dec 23, Tornadoes, AR/MS	-- 11
369.	1922 -- Apr 17, Tornado, Warren County, IN	-- 11
370.	1922 -- Nov 04, Tornado, Creek and Pawnee Counties, OK	-- 11
371.	1938 -- March 30-31, Tornadoes, AR	-- 11
372.	1938 -- April 7, Tornado, Near Aliceville, Pickens County, AL	-- 11
373.	1940 -- April 30, Tornadoes, AR, MO	-- 11
374.	1942 -- April 28, Tornado, F4, Foard County, TX	-- 11
375.	1946 -- Jan 6, Tornado Outbreak, AR/MS	-- 11
376.	1946 -- Aug 17, Tornado (F4), Blue Earth County, MN	-- 11
377.	1950 -- Apr 28, Tornado Outbreak, TX/OK	-- 11
378.	1953 -- June 7, Tornado, Arcadia, NE	-- 11
379.	1957 -- Dec 18, Tornado, Jackson, Williamson, Franklin Counties, IL	-- 11
380.	1964 -- May 8, Tornado, Macomb, MI	-- 11
381.	1966 -- Apr 4, Tornadoes, Pinellas and Polk Counties, FL	-- 11
382.	1971 -- Feb 21, Tornado, Waverly, Madison Parish, LA	-- 11
383.	1973 -- May 26, Tornado Outbreak, KS/MO	-- 11
384.	1975 -- Jan 10, Tornado Outbreak (8), LA/MS/AL	-- 11
385.	1987 -- Nov 15, Tornadoes, TX (10 deaths) and LA (1)	-- 11
386.	2015 -- Dec 26, Tornadoes, north TX, Blue Ridge, Copeville, and esp. Garland, TX	-- 11
387.	1834 -- May 5, Tornado Outbreak, VA and MD	-- 10
388.	1881 -- Apr 12, Tornado, F3, Tunica, Desoto Counties, MS	-- 10
389.	1882 -- Apr 6, Tornadoes (5), 10 Counties in MI	-- 10
390.	1882 -- Apr 22, Tornado, Lawrence County, MS	-- 10
391.	1883 -- Apr 22, Tornado, Terrell, Webster and Sumter Counties, GA	-- 10
392.	1883 -- May 13, Tornado Outbreak, KS and MO	-- 10
393.	1883 -- Nov 21, Tornado Outbreak (4), AR	-- 10
394.	1884 -- Apr 02, Tornadoes, Blount and Madison Counties, AL	-- 10
395.	1886 -- May 12, Tornadoes, Warren, Hancock, Fountain Counties, IN	-- 10
396.	1892 -- May 31, Tornado, Bell and Falls Counties, TX	-- 10
397.	1892 -- July 14, "Cyclone," Springfield, OH	-- 10
398.	1895 -- May 01, Tornado, Halstead, KS	-- 10
399.	1895 -- May 03, Tornados, Sioux, Lyon, Osceola, Madison Counties, IA	-- 10
400.	1900 -- Oct 06, Tornado, St. Louis County, MN	-- 10
401.	1901 -- June 21, Tornado Boyd County, NE	-- 10
402.	1903 -- April 07, Tornadoes (2), White/Cleburne, Van Buren Counties, AR	-- 10

TORNADOES – Deadliest American -- By MORTALITY (Cont.)

403.	1909 -- Feb 23, Tornadoes (3), AR	--	10
404.	1909 -- March 23, Tornado, Denton, TX	--	10
405.	1909 -- June 10, Tornadoes, Jones and Haskell Counties, TX	--	10
406.	1915 -- May 7, Tornadoes, SC and MS	--	10
407.	1915 -- June 12, Alamance, Sauk Counties WI; Crawford County, IA	--	10
408.	1915 -- Nov 25, Tornado, Garland County, AR	--	10
409.	1915 -- Dec 17, Tornado, Lauderdale and Kemper Counties, MS, Millport, AL	--	~10
410.	1916 -- Mar 24, Tornadoes, Garvin, Murray and Pontotoc Counties, OK	--	10
411.	1917 -- Mar 26-27 Tornadoes (2), Pike, Crenshaw, Hale Counties, AL	--	10
412.	1917 -- June 5, Tornadoes, Shawnee/Jackson/Jefferson/Douglas Counties, KS	--	10
413.	1919 -- Mar 5, Tornadoes (4), AL and GA	--	10
414.	1919 -- May 21, Tornado, Ellis and Rooks Counties, KS	--	10
415.	1920 -- Mar 11, Tornado, Carroll, AR and Taney, MO	--	10
416.	1921 -- Apr 15, Tornadoes, Marion, Cass, Bowie Counties, TX	--	10
417.	1924 -- Aug 10, Tornado, Thurman, CO	--	10
418.	1926 -- Feb 24, Tornadoes, AR-MS and MS	--	10
419.	1927 -- Apr 18, Tornado, Choctaw County, OK	--	10
420.	1927 -- May 7, Comanche/Barber/Kingman/Reno/McPherson Ct's, KS	--	10
421.	1929 -- Jan 18, Tornadoes, IL-IN, MO, IL, KY	--	10
422.	1932 -- Jan 12, Tornadoes, Hale/Tuscaloosa & Marengo/Perry, AL	--	10
423.	1932 -- Jan 14, Tornado, Gibson, TN	--	10
424.	1938 -- Mar 15, Tornado, Greene Ct., AR & Dunklin/Pemiscot, Cts., MO	--	10
425.	1938 -- Mar 15, Tornado, F4, St. Clair County, IL	--	10
426.	1938 -- Mar 30, Tornado, Craig Ct., OK; Labette/Cherokee Counties, KS	--	10
427.	1940 -- Mar 12, Tornado, Harrison, TX; Caddo/Bossier, LA	--	10
428.	1948 -- Mar 25, Tornado, Hughes, McIntosh Counties, OK	--	10
429.	1948 -- Nov 05, Tornadoes, Madison, Yazoo, Tippah Counties, MS	--	10
430.	1949 -- Dec 11, Tornado Outbreak, AR, MO	--	10
431.	1957 -- Jan 22, Tornado, Sequoyah County (Gans), OK	--	10
432.	1957 -- Apr 2, Tornado, Dallas County, TX	--	10
433.	1964 -- Jan 24, Tornado, Harpersville, AL	--	10
434.	1971 -- Apr 27, Tornado Outbreak, KY	--	10
435.	1973 -- Mar 31, Tornado Outbreak, GA, SC	--	10
436.	1982 -- May 29, F4 Tornado, Marion, Williamson County, IL	--	10
437.	1989 -- Nov 16, Tornado, East Coldenham Elementary School, Newburgh, NY ²⁸⁰⁹	--	9-10
438.	2007 -- Mar 01, Tornado Outbreak (Prairie, Enterprise), AL	--	10
439.	2010 -- Apr 24, Tornado, Central MS (Choctaw, Holmes and Yazoo County deaths)--	--	10
440.	2011 -- Apr 25, Severe Storms, Flash Floods, Tornadoes, Ark.	--	10
Other:			
	1897 -- Mar 22, Tornado, School, Arlington, GA ²⁸¹⁰	--	8

²⁸⁰⁹ Seven children died immediately, two in hospitals shortly thereafter, and one by a car three days later, the driver of which was “gawking” at the tornado damage.

2009 -- Feb 10, Tornado, Lone Grove, OK	--	8
1914 -- Aug 21, F3 Tornado, Luzerne County, PA	--	7

²⁸¹⁰ Included in that the top-ten list of fatalities at schools hit by tornadoes includes just seven events wherein there were ten or more fatalities.

TORNADOES -- SCHOOLS Subset -- Deadliest American -- By MORTALITY ²⁸¹¹

1.	1925 -- Mar 18, Tornado, Desoto, IL ²⁸¹²	--	33
2.	1925 -- Mar 18, Tornado, Murphysboro, IL ²⁸¹³	--	25
3.	1955 -- Feb 01, Tornado, Commerce Landing, MS ²⁸¹⁴	--	17
4.	1917 -- Jan 04, Tornado, Vireton, OK ²⁸¹⁵	--	16
5.	1926 -- Nov 09, Tornado, La Plata, MD ²⁸¹⁶	--	14
6.	1967 -- Apr 21, Tornado, Belvidere, IL ²⁸¹⁷	--	13
7.	1929 -- May 02, Tornado, Rye Cove School, Scott County, VA ²⁸¹⁸	--	13
8.	1989 -- Nov 16, Tornado, East Coldenham Elementary School, Newburgh, NY ²⁸¹⁹	--	9-10
9.	1865 -- Jun 28, Tornado, Viroqua, WI ²⁸²⁰	--	9
10.	1897 -- Mar 22, Tornado, Arlington, GA	--	8
11.	1918 -- Jan 11, Tornado, Dothan, AL ²⁸²¹	--	8
12.	2007 -- Mar 01, Tornado, Enterprise High School, Enterprise, AL ²⁸²²	--	8
13.	1890 -- June 20, Tornado, Deacon Hunt School, near Paw Paw, IL ²⁸²³	--	7
14.	1924 -- Apr 30, Tornado, Steedman School (3) and Horrell county school (4), SC ²⁸²⁴	--	7
15.	2013 -- May 20, Tornado, Plaza Towers School, Moore, OK (24 total fatalities)	--	7

²⁸¹¹ With the exception of No. 8, the Coldenham School event, all of the data for this subset comes from: Grazulis, Thomas P. *Top Ten Lists*. "The Ten Worst Tornado Related Disasters in Schools." 1999. In that some accounts of this event categorize it as a downburst rather than a tornado, I surmise that this is the reason Grazulis did not include it in his top ten list of school/tornado events.

²⁸¹² Subset of the Tri-State tornado outbreak which took upwards of 792 lives.

²⁸¹³ Subset of the Tri-State tornado outbreak which took upwards of 792 lives.

²⁸¹⁴ Subset of total of 23 fatalities due to this tornado.

²⁸¹⁵ There was an additional fatality not at the school.

²⁸¹⁶ There were three additional fatalities not at the school.

²⁸¹⁷ There were fifty-eight fatalities in all.

²⁸¹⁸ There were twenty-two fatalities in all.

²⁸¹⁹ Seven children died immediately, two in hospitals shortly thereafter, and one by a car three days later, the driver of which was "gawking" at the tornado damage.

²⁸²⁰ One teacher and 8 students. There were 22 fatalities in all. (Grazulis. *Significant Tornadoes*, 1993, p. 570.)

²⁸²¹ This is a subset of the 13 total fatalities for this tornado.

²⁸²² Subset of 9-10 AL deaths and 6 in GA. All the HS deaths were students. (NWS WFO, Tallahassee, FL. "Tornado Outbreak of March 1-2, 2007.)

²⁸²³ Six students and one teacher. (Grazulis. *Significant Tornadoes*, 1993, p. 652.)

²⁸²⁴ Two students and one teacher at the Steedman School in Lexington Co., and "four deaths" in the Horrell county school. (Grazulis. *Significant Tornadoes*, 1993, p. 788.) There were 53 total deaths attributed to this tornado – part of a tornado outbreak in AL, GA, and SC.

TORNADOES -- SCHOOLS Subset – Deadliest American -- **Chronological**²⁸²⁵

1.	1865 -- Jun 28, Tornado, Viroqua, WI ²⁸²⁶	--	9
2.	1890 -- June 20, Tornado, Deacon Hunt School, near Paw Paw, IL ²⁸²⁷	--	7
3.	1897 -- Mar 22, Tornado, Arlington, GA	--	8
4.	1917 -- Jan 04, Tornado, Vireton, OK ²⁸²⁸	--	16
5.	1918 -- Jan 11, Tornado, Dothan, AL ²⁸²⁹	--	8
6.	1924 -- Apr 30, Tornado, Steedman School (3) and Horrell county school (4), SC ²⁸³⁰	--	7
7.	1925 -- Mar 18, Tornado, Desoto, IL ²⁸³¹	--	33
8.	1925 -- Mar 18, Tornado, Murphysboro, IL ²⁸³²	--	25
9.	1926 -- Nov 09, Tornado, La Plata, MD ²⁸³³	--	14
10.	1929 -- May 02, Tornado, Rye Cove School, Scott County, VA ²⁸³⁴	--	13
11.	1955 -- Feb 01, Tornado, Commerce Landing, MS ²⁸³⁵	--	17
12.	1967 -- Apr 21, Tornado, Belvidere, IL ²⁸³⁶	--	13
13.	1989 -- Nov 16, Tornado, East Coldenham Elementary School, Newburgh, NY ²⁸³⁷	--	9-10
14.	2007 -- Mar 01, Tornado, Enterprise High School, Enterprise, AL ²⁸³⁸	--	8
15.	2013 -- May 20, Tornado, Plaza Towers School, Moore, OK (24 total fatalities)	--	7

²⁸²⁵ With the exception of No. 8, the Coldenham School event, all of the data for this subset comes from: Grazulis, Thomas P. *Top Ten Lists*. "The Ten Worst Tornado Related Disasters in Schools." 1999. In that some accounts of this event categorize it as a downburst rather than a tornado, I surmise that this is the reason Grazulis did not include it in his top ten list of school/tornado events.

²⁸²⁶ One teacher and 8 students. There were 22 fatalities in all. (Grazulis. *Significant Tornadoes*, 1993, p. 570.)

²⁸²⁷ Six students and one teacher. (Grazulis. *Significant Tornadoes*, 1993, p. 652.)

²⁸²⁸ There was an additional fatality not at the school.

²⁸²⁹ This is a subset of the 13 total fatalities for this tornado.

²⁸³⁰ Two students and one teacher at the Steedman School in Lexington Co., and "four deaths" in the Horrell county school. (Grazulis. *Significant Tornadoes*, 1993, p. 788.) There were 53 total deaths attributed to this tornado – part of a tornado outbreak in AL, GA, and SC.

²⁸³¹ Subset of the Tri-State tornado outbreak which took upwards of 792 lives.

²⁸³² Subset of the Tri-State tornado outbreak which took upwards of 792 lives.

²⁸³³ There were three additional fatalities not at the school.

²⁸³⁴ There were twenty-two fatalities in all.

²⁸³⁵ Subset of total of 23 fatalities due to this tornado.

²⁸³⁶ There were fifty-eight fatalities in all.

²⁸³⁷ Seven children died immediately, two in hospitals shortly thereafter, and one by a car three days later, the driver of which was "gawking" at the tornado damage.

²⁸³⁸ Subset of 9-10 AL deaths and 6 in GA. All the HS deaths were students. (NWS WFO, Tallahassee, FL. "Tornado Outbreak of March 1-2, 2007.")

TORNADOES – Deadliest American -- CHRONOLOGICAL

1.	1804 -- April 4, Tornadoes, Six Counties in GA, Edgefield County, SC	--	11
2.	1811 -- Sep 10, Tornado, Charleston County, SC	--	11
3.	1814 -- Jun 30, Tornado Sinks Schooner USS <i>Alligator</i> , Port Royal Sound, SC ²⁸³⁹	--	23
4.	1814 -- Aug 25, Tornado, Washington, D.C.	--	<30
5.	1818 -- Aug 15, Tornado, Stafford County, VA to Charles County, MD	--	30
6.	1834 -- May 5, Tornado Outbreak, VA and MD	--	10
7.	1840 -- May 07, Tornado, Natchez, MS; Concordia and LA Plantations	--317-	586
8.	1846 -- May 07, Tornado, Grenada, MS	--	21
9.	1852 -- Apr 30, Tornado, New Harmony, IN	--	16
10.	1854 -- Jan, Tornado, Louisville Vicinity, KY	--	15
11.	1854 -- Aug 27, Tornado, Louisville, KY	--	25
12.	1858 -- May 31, Tornado, Ellison, Warren County, IL	--	19
13.	1859 -- May 26, Tornado, Scott and Morgan Counties, IL	--	11
14.	1860 -- May 21, Tornado, Louisville, KY to Portsmouth, OH	--	100
15.	1860 -- Jun 03, Tornado Outbreak, Camanche, IA & Albany, IL	--	175
16.	1865 -- Jun 28, Tornado, Viroqua, WI	--	22
17.	1868 -- May 05, Tornadoes, Pickens/Tuscaloosa/Talladega Counties, AL	--	12
18.	1872 -- Jun 17, F5 Tornado, Greene, Boone Story, Marshall, Jasper, Poweshiek, IA	--	68
19.	1873 -- May 22, Tornadoes, KS, IA, IL	--	18
20.	1873 -- July 04, Tornado or Storm, Boats Capsize, Drownings, Green Lake, WI ²⁸⁴⁰	--	11
21.	1874 -- Nov 22, Tornadoes, Colbert, Lauderdale, Shelby Counties, AL	--12-	16
22.	1875 -- Mar 20, SE Tornado Outbreak, especially GA, also AL, NC, SC	--93-	120
23.	1875 -- May 01, Tornadoes, AL, GA, SC	--86-	99
24.	1876 -- July 04, Tornadoes, Warren and Madison Counties, IA	--	>30
25.	1877 -- June 04, Tornado, Mt. Carmel, Wabash County, IL	--	16
26.	1878 -- Apr 21, Tornadoes, six Counties, IA	--	27
27.	1878 -- May 23, Tornadoes, WI and Dane County, IA	--	17
28.	1878 -- Aug 09, Tornado, Wallingford, New Haven County, CT	--27-	34

²⁸³⁹ Cross-listed in Maritime

²⁸⁴⁰ This event is not included in *Significant Tornadoes 1680-1991* by Grazulis, and thus referred to as a tornado in newspaper account, it may have been a thunderstorm or windstorm.

- 29. 1879 -- May 30, Tornadoes, MO, KS, NE -- >40
- 30. 1879 -- July 2, Tornado Outbreak, IA, MN, WI -- 16

TORNADOES – Deadliest American – CHRONOLOGICAL – Cont.

- 31. 1880 -- Apr 18, Tornadoes, multiple locations, particularly Marshfield, MO -- 152
- 32. 1880 -- May 28, Tornado, Fannin County, TX -- 40
- 33. 1880 -- June 09, Tornado, Wheeler’s Grove, Pottawattamie County, IA --14-20

- 34. 1881 -- Apr 12, Tornado, F3, Tunica, Desoto Counties, MS -- 10
- 35. 1881 -- Jun 12, KS, MO -- 15
- 36. 1881 -- July 15, Tornado Outbreak, MN -- 24
- 37. 1881 -- Sep 20, Tornado, Mondovi, Buffalo County, WI -- 12

- 38. 1882 -- Mar 27, Tornadoes, Jones, Randolph, Terrell, Lee, Sumter Counties, GA -- 11
- 39. 1882 -- Apr 06, Tornadoes (5), 10 Counties in MI -- 10
- 40. 1882 -- Apr 19, Tornado, Petits and Saline Counties, MO -- 11
- 41. 1882 -- Apr 22, Tornado, Lawrence County, MS -- 10
- 42. 1882 -- May 08, Tornadoes, Alfalfa, Johnston, and Pittsburg Counties, OK -- 25
- 43. 1882 -- June 18, Tornado, Grinnell, Iowa -- 100

- 44. 1883 -- Apr 22, Tornado, MS -- 81
- 45. 1883 -- Apr 22, Tornado, Terrell, Webster and Sumter Counties, GA -- 10
- 46. 1883 -- Apr 23, Tornado Outbreak, GA -- 11
- 47. 1883 -- May 13, Tornado Outbreak, KS and MO -- 10
- 48. 1883 -- May 18, Tornado Outbreak, IL and WI -- 62
- 49. 1883 -- May 28, Tornadoes, ~Clay City, Clay Co., Edinburgh, Johnston Co., IN --14-20
- 50. 1883 -- Aug 21, Tornado Outbreak, MN -- 40
- 51. 1883 -- Nov 21, Tornado Outbreak (4), AR -- 10

- 52. 1884 -- Feb 19-20, Enigma SE Tornadoes, AL, GA, KY, LA, MS, NC, SC, VA --178-420
- 53. 1884 -- Mar 25, Tornadoes, GA, IN, KY, NC, OH, SC -- 30
- 54. 1884 -- Apr 01, Tornado, OH/IN/TN/Western PA -- 12
- 55. 1884 -- Apr 02, Tornadoes, Blount and Madison Counties, AL -- 10

- 56. 1885 -- Nov 06, Tornado, Dallas County, Near Selma, AL -- 13

- 57. 1886 -- Apr 14, Tornadoes (4), IA, NE, MO -- 13
- 58. 1886 -- Apr 14, Tornadoes, Sterns/Benton (Sauk Rapids)/Morrison Counties, MN -- 79
- 59. 1886 -- May 12, Tornadoes, Warren, Hancock, Fountain Counties, IN -- 10
- 60. 1886 -- May 14, Tornado Outbreak (3) OH -- 17

- 61. 1887 -- Apr 21, Tornado, Anderson, Linn Counties, KS; Bates County, MO -- 29
- 62. 1887 -- Apr 22, Tornadoes, ~Clarksville, AR; ~Mt. Carmel, IN; Buena Vista, IL -- 25

- 63. 1888 -- Feb 19, Tornado, F4, Mount Vernon, Jefferson County, IL --24-30

64. 1888 -- Aug 21, Tornado, Kent County, MD -- 11

TORNADOES – Deadliest American – **CHRONOLOGICAL** – Cont.

65. 1890 -- Jan 12/13, Tornado/Storm, New Madrid Co., MO, Hickman Co., KY -- 13

66. 1890 -- Mar 27, Tornadoes, MO-IL, IL, MO-KY, MO-IL, KY-IL-KY, TN, KY -- 156

67. 1890 -- Jun 03, Tornado, Bradshaw, NE -- 12

68. 1890 -- Jun 20, Tornado, Lee and Dekalb Counties, IL -- 13

69. 1890 -- Aug 19, Tornadoes, Berks, Carbon, Luzerne, Susquehanna Counties, PA -- 28

70. 1891 -- July 06, Tornado, West Baton Rouge/East Baton Rouge, LA -- 11

71. 1892 -- Mar 31, Tornadoes, Ottawa/Sumner/Sedgwick & other Counties, KS -- 25

72. 1892 -- May 27, Tornado, Barber, Harper, and Sumner Counties, KS -- 17

73. 1892 -- May 31, Tornado, Bell and Falls Counties, TX -- 10

74. 1892 -- June 15, Tornado Outbreak, Multiple Counties, MN --40-50

75. 1892 -- July 14, "Cyclone," Springfield, OH -- 10

76. 1893 -- Mar 03, Tornado Outbreak, GA -- 14

77. 1893 -- Mar 23, Clarke/Desoto MS; Richland, LA; Shelby/Weakley, TN -- 16

78. 1893 -- Apr 11, Tornado, Dent and Crawford Counties, MO -- 12

79. 1893 -- Apr 12, Tornado, Tunica and Desoto Counties, MS -- 13

80. 1893 -- Apr 25, Cleveland, Grady, Logan, McClain, Payne Counties, OK -- 37

81. 1893 -- Apr 28, Tornado, Eastland County, TX -- 23

82. 1893 -- Jun 21, Tornado, Jefferson County, KS -- 11

83. 1893 -- July 6, Tornado, Cherokee/Buena Vista/Pocahontas/Calhoun Counties, IA -- 71

84. 1894 -- Mar 18, Tornadoes, Harrison and Nacogdoches Counties, TX --10-16

85. 1894 -- Sep 21, Tornado Outbreak (5) IA/MN -- 63

86. 1895 -- May 01, Tornado, Halstead, KS -- 10

87. 1895 -- May 03, Tornados, Sioux, Lyon, Osceola, Madison Counties, IA -- 10

88. 1896 -- May 15, Sherman Texas Tornado -- 73

89. 1896 -- May 17, Tornado, Palmer, Kansas to Falls City, NE -- 25

90. 1896 -- May 24, Tornado, Des Moines/Valeria, IA -- 21

91. 1896 -- May 25, Tornado Outbreak, IL and MI -- 47

92. 1896 -- May 27, Tornadoes IL and MO. Particularly St. Louis, MO -- 306

93. 1897 -- Mar 22, Tornado, School, Arlington, GA²⁸⁴¹ -- 8

94. 1897 -- Mar 30, Tornado, Lincoln County, OK -- 14

95. 1898 -- Jan 11, Tornado, Fort Smith, Arkansas, -- 55

96. 1898 -- May 18, Tornadoes, IA, IL, WI -- 55

²⁸⁴¹ Included in that the top-ten list of fatalities at schools hit by tornadoes includes just seven events wherein there were ten or more fatalities.

97. 1898 -- July 04, Tornado/Squall, Hampton Beach, NH -- 9-12

TORNADOES – Deadliest American -- **CHRONOLOGICAL** (Cont.)

98. 1899 -- Mar 18, Tornadoes (3), AL -- 16
99. 1899 -- Apr 27, Tornado, Kirksville and Newtown, MO -- 63
100. 1899 -- June 12, Tornado New Richmond, St. Croix County, WI -- 119
101. 1899 -- June 13, Tornado, Washington County, NE -- 11
102. 1900 -- Nov 20, Tornado, MS, TN -- 69
103. 1901 -- Mar 09, Tornado Outbreak (5), AR, TX -- 14
104. 1901 -- March 25, Tornado, Jefferson Co. (Birmingham/Avondale/Irondale), AL --16-25
105. 1901 -- Jun 21, Tornado Boyd County, NE -- 10
106. 1902 -- May 18, TX Tornado Outbreak, esp. Goliad, TX -- 118
107. 1903 -- Feb 17, Steamer *Olive* sunk, Tornado, Chowan River, Woodley's Pier, NC²⁸⁴²-->17
108. 1903 -- Apr 03, Tornadoes (2), Leesburg, Hopewell, Summit, AL -- 20
109. 1903 -- May 24, Franklin, Kearney, Adams, Webster, Clay Counties, AL -- 14
110. 1903 -- May 26, Nodaway Co., MO; Polk/Monroe/Mahaska Counties, IA -- 13
111. 1903 -- Jun 01, Tornado, Gainesville, Holland County, GA -- 98
112. 1903 -- July 17, Tornadoes, La Salle and Livingston Counties, IL -- 11
113. 1903 -- Oct 03, Tornadoes (3), MN-WI, WI, IL -- 17
114. 1904 -- Jan 22, Tornado, Hale-Tuscaloosa Counties (Moundville), AL -- 37
115. 1904 -- Apr 25, Tornadoes, TX, Indian Territory, AR, KS -- 15
116. 1905 -- Mar 20, Tornado, Chambers/Randolph Counties, AL; Heard County, GA --14-17
117. 1905 -- Apr 29, Severe Storm or Tornado, Laredo, TX -- 16
118. 1905 -- May 08, Tornado, McPherson and Saline Counties, KS -- 34
119. 1905 -- May 10, Tornado, F5, Snyder, OK -- 97
120. 1905 -- July 05, Tornado, Montague Country, TX -- 18
121. 1906 -- Mar 02, Tornado, Meridian, Lauderdale County, MS -- 23
122. 1906 -- Apr 26, Tornado, Clay and Montague Counties, TX -- 17
123. 1907 -- Apr 05, West Feliciana/East Feliciana, LA -- 13
124. 1907 -- May 25, Mason, San Saba, Van Zandt, Rains Counties, TX -- 12
125. 1907 -- Jun 7-8, Tornadoes, New Minden and York, IL; Grayville, IN --10-11
126. 1907 -- July 3, Tornadoes, Jackson, Juneau, Monroe, Sauk Counties, WI -- 11
127. 1908 -- Feb 14, Tornadoes, Tyler, TX, and Mossville, Service and Soso, MS -- 8-14
128. 1908 -- April 23-25, Tornado Outbreak (18), AL, AR, GA, LA, MS, NE, TX --250-332
129. 1908 -- May 13, Tornado Outbreak, Caddo, Bossier, & 5 other Counties, LA -- 50

²⁸⁴² Cross-listed in Maritime.

130. 1908 -- Jun 05, Tornado, Thayer and Fillmore Counties, NE -- 12
 131. 1908 -- Nov 23, Tornado, Franklin County, AR -- 14

TORNADOES – Deadliest American -- **CHRONOLOGICAL** (Cont.)

132. 1909 -- Feb 05, Tornado Outbreak, AL, AR and MS -- 14
 133. 1909 -- Feb 23, Tornadoes (3), AR -- 10
 134. 1909 -- March 8, Tornadoes, AR -- 67
 135. 1909 -- March 23, Tornado, Denton, TX -- 10
 136. 1909 -- April 29, Tornadoes, AL, AR, IL, MS, MO, TN --132-146
 137. 1909 -- April 30, Tornado Outbreak, GA -- 16
 138. 1909 -- May 29, Tornadoes (4), OK and ND -- 15
 139. 1909 -- May 30, Tornado, Brown County, TX -- 34
 140. 1909 -- June 10, Tornadoes, Jones and Haskell Counties, TX -- 10
 141. 1909 -- Oct 14, Tornado Outbreak, esp. AL (11-21), AR (2), GA (1-2), TN (42-50) --56-75

 142. 1911 -- Apr 12, Tornadoes (8), AR, KS, OK, OK-KS-MO -- 14
 143. 1911 -- Nov 11, Tornadoes (3), Mason, IL; Rock, WI; Shiawassee, MI -- 13

 144. 1912 -- Feb 20, Tornado Outbreak (2), Caddo/Bossier, Claiborne, LA -- 12
 145. 1912 -- Feb 25, Tornadoes, Lincoln/Jefferson/Arkansas, Lee Counties, AR -- 14
 146. 1912 -- Apr 20, Tornadoes (9), KS, OK, TX -- 17
 147. 1912 -- Apr 21, Tornadoes (6), IL, IL-IN, IN -- 30
 148. 1912 -- Apr 27, Tornadoes, 7 Counties, OK -- 29
 149. 1912 -- Jun 15, Tornado, Linn, Miami Counties, KS; Bates, Cass Counties, MO -- 11

 150. 1913 -- March 13/14, Tornado Outbreak, AL, AR, GA, LA, MS, TN, TX -- 78
 151. 1913 -- March 21, Tornadoes (5), AL -- 34
 152. 1913 -- March 21, Tornadoes (3), MS -- 14
 153. 1913 -- March 23, Easter Sunday Tornadoes, LA, MO, esp. Omaha, NE, IN, IA --194-196
 154. 1913 -- May 14, Storm/Tornadoes, esp. Tamora, McCool Junction, Seward, NB -- 8-14

 155. 1914 -- Aug 21, F3 Tornado, Luzerne County, PA -- 7
 156. 1914 -- Oct 09, Tornadoes (4), Elk, Wilson, Cherokee KS; Ottawa Co. OK -- 12

 157. 1915 -- May 06, Tornadoes, MS, LA, TN -- 16
 158. 1915 -- May 07, Tornadoes, SC and MS -- 10
 159. 1915 -- June 12, Alamance, Sauk Counties WI; Crawford County, IA -- 10
 160. 1915 -- July 07, Tornado Outbreak and Windstorms, OH/KY/IL/IN/MS -- >50
 161. 1915 -- Nov 10, Tornado, Pawnee and Barton Counties, KS -- 11
 162. 1915 -- Nov 25, Tornado, Garland County, AR -- 10
 163. 1915 -- Dec 17, Tornado, Lauderdale and Kemper Counties, MS, Millport, AL -- ~10

 164. 1916 -- Mar 24, Tornadoes, Garvin, Murray and Pontotoc Counties, OK -- 10
 165. 1916 -- Apr 19, Tornadoes, Bourbon Ct., KS; Six Counties in MO -- 11

TORNADOES – Deadliest American -- **CHRONOLOGICAL** (Cont.)

166.	1916 -- May 20, Tornadoes (2), TX and TX-OK	-- 11
167.	1916 -- June 05, Tornadoes (3), AR-MO, AR-TN, MO-IL, MS	--76-160
168.	1916 -- June 06, Tornado Hinds and Madison Counties, MS	-- 13
169.	1916 -- Dec 26, Tornadoes (3), AR	-- 17
170.	1917 -- Jan 04, Tornado, Vireton, OK	-- 17
171.	1917 -- Feb 23, Tornadoes, Hale, Perry, Elmore, Coosa, Clay Counties, AL	-- 16
172.	1917 -- Mar 11, Tornados, Henry and White Counties, IN, Cincinnati, OH	--28-30
173.	1917 -- Mar 23, Tornadoes, IL, Jefferson Co., KY, esp. New Albany, Floyd Co., IN	-- 46
174.	1917 -- Mar 26-27 Tornadoes (2), Pike, Crenshaw, Hale Counties, AL	-- 10
175.	1917 -- May 25, Tornado, Sedgwick, Harvey, Marion Counties, KS	-- 23
176.	1917 -- May 26, Tornado, 7 counties, especially Coles County (Mattoon), IL	-- 101
177.	1917 -- May 27, Tornado, TN, KY	-- 67
178.	1917 -- May 27, Tornado, Miss., AR, TN	-- 18
179.	1917 -- May 27, Tornadoes (3), 12 counties, TN	-- 13
180.	1917 -- May 27-28, Tornado Outbreak (7), AL	-- 50
181.	1917 -- May 30, Tornadoes (8), MO	-- 67
182.	1917 -- June 01, Tornado, Coal County, OK	-- 14
183.	1917 -- June 05, Cooper/Boone/Audrain/Wright/Ray/Carroll Counties, MO	-- 34
184.	1917 -- June 05, Tornadoes, Shawnee/Jackson/Jefferson/Douglas Counties, KS	-- 10
185.	1917 -- June 06, Tornadoes, MI, PA, KY	-- 12
186.	1918 -- Jan 11, Tornado, Pike and Houston Counties (especially Webb), AL	-- 13
187.	1918 -- May 09, Tornadoes, IL and IA	-- 14
188.	1918 -- May 21, Tornadoes (7), 10 Counties, IA	-- 19
189.	1918 -- Aug 21, Brookings County SD / Lincoln, Lyon Counties, MN	-- 36
190.	1919 -- Mar 05, Tornadoes (4), AL and GA	-- 10
191.	1919 -- Mar 15, Tornadoes, Dover, ~Hinton, Kingfisher, Porter, Weatherford, OK	-- 9-14
192.	1919 -- Mar 16, Tornado Outbreak, LA and MS, especially Isola, MS	-- 42
193.	1919 -- Apr 08, Tornado, F4, Collin and Fannin Counties, TX	-- 18
194.	1919 -- Apr 09, Tornadoes, TX	-- 56
195.	1919 -- Apr 09, Tornadoes, Fannin, Bryan, Coal, Pontotoc Counties, OK	-- 12
196.	1919 -- May 21, Tornado, Ellis and Rooks Counties, KS	-- 10
197.	1919 -- Jun 22, Tornado, Fergus Falls (Ottertail County), MN	--50-59
198.	1920 -- Mar 11, Tornado, Carroll, AR and Taney, MO	-- 10
199.	1920 -- Mar 28, Palm Sunday Tornado Outbreak, IL, WI, IN, MI, AL, GA	-- 163
200.	1920 -- Apr 19, Tornadoes, Yell/Logan/Johnson/Pope Counties, AR	-- 19
201.	1920 -- Apr 20, Tornadoes, MS	-- 131
202.	1920 -- Apr 20, Tornadoes, AL	-- 92
203.	1920 -- May 02, Tornado, Peggs (Cherokee County), OK	-- 71
204.	1921 -- Feb 10, Tornado, Oconee and Gardner (Washington County), GA	-- 32

TORNADOES -- Deadliest American -- **CHRONOLOGICAL** (Cont.)

205.	1921 -- Apr 13, Tornado, F4, Collin County, TX	--	11
206.	1921 -- Apr 15, Tornadoes, Miller, Hempstead, Pile, Yell, Pope Counties, AR	--	56
207.	1921 -- Apr 15, Tornadoes, Marion, Cass, Bowie Counties, TX	--	10
208.	1921 -- Apr 16, Tornado Outbreak (9), AL	--	15
209.	1921 -- Apr 21, Tornado, Northeast TX and AR	--	61
210.	1921 -- Apr 26, Tornado, Copiah, Simpson Counties, MS	--	15
211.	1921 -- Nov 17, Tornadoes, Polk/Clark/Hot Springs/Garland Counties, AR	--	11
212.	1921 -- Dec 23, Tornadoes, AR/MS	--	11
213.	1921 -- Dec 24, Tornadoes, LA, MS	--	14
214.	1922 -- Mar 13, Tornadoes, Murray and Latimer Counties, OK	--	13
215.	1922 -- Mar 14, Tornadoes, AR, LA, MS	--	14
216.	1922 -- Apr 08, Tornado, Runnels, Coleman and Callahan Counties, TX	--	12
217.	1922 -- Apr 17, Tornado, Warren County, IN	--	11
218.	1922 -- May 04, Tornado, Travis County, TX	--	12
219.	1922 -- Nov 04, Tornado, Creek and Pawnee Counties, OK	--	11
220.	1923 -- Mar 11, Tornado, Chester/Madison, TN	--	20
221.	1923 -- Mar 15, Tunica, Tate, Desoto, Quitman, Panola Counties, MS	--	17
222.	1923 -- Apr 04, Tornado, Rapides, LA	--	15
223.	1923 -- May 14, Tornado, F5, Howard and Mitchell Counties, TX	--	23
224.	1924 -- Apr 30, Tornadoes, SC	--	67
225.	1924 -- Apr 30, Tornado Outbreak, GA	--	16
226.	1924 -- Apr 30, Tornado Outbreak, AL	--	13
227.	1924 -- May 26, Tornadoes, MS	--	30
228.	1924 -- May 26-27, Tornadoes, AL	--	24
229.	1924 -- May 28, Tornado Outbreak, OK	--	15
230.	1924 -- June 28, Tornadoes, (Lorain, Sandusky, elsewhere), OH	--	89
231.	1924 -- Aug 10, Tornado, Thurman, CO	--	10
232.	1924 -- Sep 21, Tornadoes, WI	--	34
233.	1925 -- Mar 18, Tornadoes, esp. Tri-State Tornado (IL, IN, MO), AL, KY, TN	--689-792	
234.	1925 -- Oct 25, Tornado, Pike-Bullock-Barbour-Crenshaw Counties, AL	--	18
235.	1926 -- Feb 24, Tornadoes, AR-MS and MS	--	10
236.	1926 -- Nov 09, Tornado, Charles and Prince Georges Counties, MD	--	17
237.	1926 -- Nov 25, Tornadoes, Thanksgiving Day, AR	--	58
238.	1926 -- Nov 25, Tornado, Sabine/Natchitoches/Red River, LA	--	12
239.	1927 -- Feb 17, Tornadoes, Sabine/Natchitoches/Red River, Tensas, LA	--	27
240.	1927 -- Feb 17, Tornado, Warren, Covington, Jones, Jasper Counties, MS	--	14
241.	1927 -- Mar 17, Tornado, Hot Springs, Saline, Pulaski Counties, AR	--	12
242.	1927 -- Mar 18, Tornado, Carroll and Boone Counties, AR	--	24
243.	1927 -- Apr 12, Rock Springs TX Tornado	--	74

244.	1927 -- Apr 18, Tornado, Choctaw County, OK	--	10
245.	1927 -- Apr 19, Tornadoes, IL	--	21
246.	1927 -- May 07, Comanche/Barber/Kingman/Reno/McPherson Ct's, KS	--	10
247.	1927 -- May 08, Tornadoes, MO	--	12
248.	1927 -- May 09, Tornado Outbreak, AR, MO, TX, IL, LA, KY-IL	--	212
249.	1927 -- May 09, Tornadoes, TX Subset ²⁸⁴³	--	40
250.	1927 -- Sep 29, Tornadoes, St. Louis City and County, MO, Madison County, IL	--	81

TORNADOES -- Deadliest American -- **CHRONOLOGICAL** (Cont.)

251.	1928 -- Sep 14, F4 Tornado, Rockford, IL	--	14
252.	1929 -- Jan 18, Tornadoes, IL-IN, MO, IL, KY	--	10
253.	1929 -- Feb 25, Tornado, F4, Bolivar County, MS	--	19
254.	1929 -- Apr 05, Pierce/St. Croix/Dunn/Barron/Rusk/Sawyer Counties, WI	--	12
255.	1929 -- Apr 10, Tornado Outbreak, AR	--	55
256.	1929 -- Apr 21, Tornado, Crew and Desha Counties, AR	--	13
257.	1929 -- Apr 25, Tornado Outbreak, GA	--	49
258.	1929 -- May 02, Tornadoes, VA	--	22
259.	1930 -- May 01, Tornadoes, KS, MO, NE, IA, WI	--	14
260.	1930 -- May 06, Tornadoes, TX	--	81
261.	1930 -- May 18, Tornadoes, Arkansas and Phillips Counties, AR	--	20
262.	1930 -- Nov 19, Tornado, Oklahoma County, OK	--	23
263.	1932 -- Jan 12, Tornadoes, Hale/Tuscaloosa & Marengo/Perry, AL	--	10
264.	1932 -- Jan 14, Tornado, Gibson, TN	--	10
265.	1932 -- Mar 21, "Deep South" Tornado Outbreak, AL, GA, KY, MS, TN	--332-350	
266.	1932 -- Mar 21, Tornadoes, LA ²⁸⁴⁴	--	37
267.	1933 -- March 14, Tornado outbreak, esp. Nashville, Pruden, Kingsport area, TN	--45-52	
268.	1933 -- Mar 30/31, Tornado outbreak/high winds, AL/2 AR/1 LA/11 MS/56 TX/18	--	88
269.	1933 -- May 01, Tornadoes (2), Webster/Bienville/Claiborne, LA	--	34
270.	1933 -- May 05, Tornadoes, AL	--	25
271.	1933 -- May 05, Tornado, Anderson and Laurens Counties, SC	--	19
272.	1933 -- May 09, Tornado, Monroe/Cumberland/Adair/Russell, KY	--	36
273.	1933 -- May 10, Tornado, Overton/Pickett, TN	--	35
274.	1933 -- May 22, Tornadoes, OK, KS, NE, ND	--	16
275.	1935 -- Feb 08, Tornado, Leon and Houston Counties, TX	--	12
276.	1935 -- Apr 06, Tornado, Wilkinson/Amite, MS; St. Helena, LA	--	14
277.	1936 -- Jan 18, Tornadoes, AL, FL, GA	--	20
278.	1936 -- Apr 02, Tornado, Crisp County (especially Cordele), GA	--	36
279.	1936 -- Apr 02, Tornado, Guilford County, NC	--	14

²⁸⁴³ TX subset of multi-state May 9, 1927 Tornado Outbreak.

²⁸⁴⁴ GA subset of Southeast Tornado Outbreak, March 21, 1932, AL, GA, KY, MS, TN

280. 1936 -- Apr 05, Tornadoes, AL, AR, MS, TN -- 249
 281. 1936 -- Apr 06, Tornadoes and Fires (esp. Cooper Pants Factory), Gainesville, GA²⁸⁴⁵--203

TORNADOES – Deadliest American -- **CHRONOLOGICAL** (Cont.)

282. 1938 -- Feb 17, Tornado, Cass, TX; Caddo, LA -- 21
 283. 1938 -- Mar 15, Tornado, Greene Ct., AR & Dunklin/Pemiscot, Cts., MO -- 10
 284. 1938 -- Mar 15, Tornado, F4, St. Clair County, IL -- 10
 285. 1938 -- Mar 30, Tornado, IL -- 13
 286. 1938 -- Mar 30, Tornado, Craig Ct., OK; Labette/Cherokee Counties, KS -- 10
 287. 1938 -- Mar 30-31, Tornadoes, AR -- 11
 288. 1938 -- Apr 07, Tornado, Near Aliceville, Pickens County, AL -- 11
 289. 1938 -- Jun 10, Tornado, F5, Callahan County, TX -- 14
 290. 1938 -- Sep 29, Tornado, Charleston County, SC -- 32
291. 1939 -- Apr 16, Tornadoes, Drew, Cleveland, Jefferson Counties, AR -- 32
292. 1940 -- Feb 10, Tornado, Dougherty County, GA -- 18
 293. 1940 -- Mar 12, Tornado, Harrison, TX; Caddo/Bossier, LA -- 10
 294. 1940 -- Apr 30, Tornadoes, AR, MO -- 11
295. 1941 -- Oct 26, Tornadoes, Yell, Pope and Ashley Counties, AR -- 19
296. 1942 -- Feb 06, Tornadoes, GA -- 13
 297. 1942 -- Mar 16, Tornadoes, IL, KY, MS, TN, AL, IN -- 145
 298. 1942 -- Apr 27, Tornadoes, Rogers, Mayes (Pryor), Counties OK -- 56
 299. 1942 -- Apr 28, Tornado, F4, Foard County, TX -- 11
 300. 1942 -- Apr 29, Tornado, Allen, Bourbon, Linn Counties, KS -- 15
 301. 1942 -- May 02, Tornadoes (3), multiple counties, OK -- 26
 302. 1942 -- June 12, Tornado, Oklahoma County, OK -- 35
 303. 1942 -- Oct 29, Tornado, Carroll County, AR -- 29
304. 1944 -- Apr 10, Tornadoes, AR -- 39
 305. 1944 -- Apr 16, Tornado, Franklin, Hart, Elbert, GA -- 23
 306. 1944 -- Apr 16, Tornadoes, Anderson/Abbeville/Newberry Counties, SC -- 18
 307. 1944 -- Jun 17, Brown/Codington/Grant/Roberts, SD; Big Stone, MN -- 13
 308. 1944 -- Jun 23, Appalachians Tornado Outbreak, WV (Shinnston), PA, MD, DE -- 154
309. 1945 -- Feb 12, Tornado Outbreak, AL/MS -- 43
 310. 1945 -- Apr 12, Tornadoes, OK, AR, MO -- 128
311. 1946 -- Jan 04, Tornado Outbreak, TX -- 30
 312. 1946 -- Jan 06, Tornado Outbreak, AR/MS -- 11
 313. 1946 -- Aug 17, Tornado (F4), Blue Earth County, MN -- 11

²⁸⁴⁵ Cross-listed in Fire-Structural. Approximately 40-70 people died in the Cooper Pants Factory fire.

TORNADOES – Deadliest American -- CHRONOLOGICAL (Cont.)

314.	1947 -- Apr 09, Woodward, Oklahoma Tornado; Tornado Outbreak TX, KS	-- 185
315.	1947 -- Apr 29, Tornadoes, MO/AR	-- 24
316.	1947 -- June 01, Tornado, Jefferson County, AR	-- 35
317.	1947 -- Dec 31, Tornado, Bossier, Webster, Claiborne Counties, LA	-- 18
318.	1948 -- Mar 19, Tornado Outbreak, MO/IL/KY/OH/PA/MD	-- 43
319.	1948 -- Mar 25, Tornado, Hughes, McIntosh Counties, OK	-- 10
320.	1948 -- Mar 26, Tornado Outbreak, IN	-- 20
321.	1948 -- Nov 05, Tornadoes, Madison, Yazoo, Tippah Counties, MS	-- 10
322.	1949 -- Jan 03, Tornado Outbreak, AR	-- 58
323.	1949 -- Mar 26, Tornadoes, AR	-- 24
324.	1949 -- May 21, Tornado Outbreak, MO/IL/IN	-- 51
325.	1949 -- Nov 24, Tornado Outbreak, AL	-- 15
326.	1949 -- Dec 11, Tornado Outbreak, AR, MO	-- 10
327.	1950 -- Feb 12, Tornadoes, TX, LA	-- 31
328.	1950 -- Apr 28, Tornado Outbreak, TX/OK	-- 11
329.	1952 -- Mar 21, Tornado Outbreak, AR, TN, MO, MS	-- 208
330.	1953 -- Mar 13, Tornado, Haskell/Knox Counties, TX	-- 17
331.	1953 -- Apr 18, Tornado, Shelby and Lee-Russell, AL	-- 14
332.	1953 -- Apr 30, Tornadoes, GA	-- 21
333.	1953 -- May 1-2 Tornado Outbreak, AL/TN/SC	-- 13
334.	1953 -- May 10, Tornado Outbreak, WI/MN/IA	-- 12
335.	1953 -- May 11, Tornadoes, Tom Green and McLennan Counties (Waco/114), TX	-- 127
336.	1953 -- June 07, Tornado, Arcadia, NE	-- 11
337.	1953 -- June 08, Tornadoes, MS, MI, OH	-- 142
338.	1953 -- June 09, Tornado Worcester, MA	-- 94
339.	1953 -- Dec 05, F5 Tornado, Warren County, MS	-- 38
340.	1955 -- Feb 01, Tornadoes, Tunica/DeSoto Counties, MS	-- 23
341.	1955 -- Apr 25, Tornado, Udall, KS	-- 80
342.	1955 -- Apr 25, Tornado, Blackwell, OK	-- 20
343.	1955 -- May 25, Tornadoes, TX, OK, KS	-- 102
344.	1956 -- Apr 03, Tornado, Allegan/Ottawa/Kent/Montcalm, MI	-- 18
345.	1956 -- Apr 15, Tornado, Jefferson County, AL	-- 25
346.	1957 -- Jan 22, Tornado, Sequoyah County (Gans), OK	-- 10
347.	1957 -- Apr 02, Tornado, Dallas County, TX	-- 10
348.	1957 -- May 15, Tornado, Silvertown, Briscoe County, TX	-- 21
349.	1957 -- May 20, Tornado, Kansas City Suburbs, Jackson County, MO	-- 48

350.	1957 -- May 21, Tornado Outbreak, MO	--	15
351.	1957 -- Jun 20, Supercell Thunderstorm, Tornadoes, Fargo, Cass County, ND	--	13
352.	1957 -- Nov 07, Tornado Outbreak, LA, MS, TX	--	12
353.	1957 -- Dec 18, Tornado, Jackson, Williamson, Franklin Counties, IL	--	11

TORNADOES – Deadliest American -- **CHRONOLOGICAL** (Cont.)

354.	1958 -- Feb 26, Tornado Outbreak, MS	--	13
355.	1958 -- June 04, Tornado Outbreak, WI	--	28
356.	1958 -- June 10, Tornado, El Dorado, Butler County, KS	--	15
357.	1959 -- Feb 10, Tornado, St. Louis City and County, MO	--	21
358.	1959 -- Sep 30, Hurricane Gracie Tornado, Ivy, Albemarle County VA ²⁸⁴⁶	--	11-12
359.	1960 -- May 05, Tornado Outbreak, OK	--	31
360.	1961 -- May 05, Tornado, Leflore County, OK	--	16
361.	1962 -- Mar 31, Tornado, Milton, Santa Rosa County, FL	--	17
362.	1963 -- Apr 29, Tornadoes, MO, MS, TN	--	12
363.	1964 -- Jan 24, Tornado, Harpersville, AL	--	10
364.	1964 -- May 8, Tornado, Macomb, MI	--	11
365.	1964 -- Oct 03, Tornado (Spawned by Hilda), Larose, Lafourche Parish, LA ²⁸⁴⁷	--	24
366.	1965 -- Apr 11-12, Palm Sunday Tornadoes, Midwest/Great Lakes	--	271
367.	1965 -- May 06, Tornado Outbreak (8), TX, OK, MN, OH	--	14
368.	1966 -- Mar 03, Tornado, Hinds and Kemper Counties, MS	--	57
369.	1966 -- Apr 04, Tornadoes, Pinellas and Polk Counties, FL	--	11
370.	1966 -- June 8, Tornado, Topeka, Shawnee, KS	--	16-17
371.	1967 -- Apr 21, Tornadoes, Northern IL	--	58
372.	1967 -- Apr 30, Tornado Outbreak, Freeborn/Waseca/Steele, MN	--	13
373.	1968 -- Apr 03, Tornado Outbreak, AR, KY, TN, OK, MO	--	12
374.	1968 -- Apr 19, F4 Tornado, Sebastian Country, AR	--	14
375.	1968 -- Apr 23, Tornado Outbreak, OH, MI, TN, KY	--	14
376.	1968 -- May 15, Tornado Outbreak, AR, IA, IL, IN, KS, OH, MO	--	71
377.	1968 -- May 15, Tornado, Franklin/Butler/Floyd/Chickasaw/Howard Counties, IA	--	13
378.	1969 -- Jan 23, Tornado Outbreak, Central MS	--	32
379.	1969 -- Aug 06, Tornado Outbreak, MN	--	15
380.	1970 -- Apr 18, Tornado, Swisher/Briscoe/Armstrong/Donley/Gray, TX	--	17
381.	1970 -- May 11, Tornado, Lubbock, TX	--	28
382.	1971 -- Feb 21, Tornadoes, Mississippi Delta, MS	--	109
383.	1971 -- Feb 21, Tornado, Waverly, Madison Parish, LA	--	11
384.	1971 -- Apr 27, Tornado Outbreak, KY	--	10
385.	1973 -- Mar 31, Tornado Outbreak, GA, SC	--	10
386.	1973 -- May 26, Tornado Outbreak, KS/MO	--	11
387.	1974 -- Apr 3-4, Tornadoes, esp. AL/GA/IL/IN/KY/MI/NC/OH//TN/VA/WV	--	294-342

²⁸⁴⁶ Cross-listed in Hurricanes

²⁸⁴⁷ Also included in Hurricane Hilda fatality count of 42.

388. 1974 -- Jun 08, Tornado, Payne, Creek, Pawnee, Osage Counties, OK -- 14
 389. 1975 -- Jan 10, Tornado Outbreak (8), LA/MS/AL -- 11
 390. 1977 -- Apr 04, Tornado, Jefferson County AL -- 22
 391. 1978 -- June 17, Tornado, Showboat *Whippoorwill* capsized, Pomona Lake, KS²⁸⁴⁸ -- 16
 392. 1979 -- Apr 10, Tornadoes, Red River Valley (esp. Wichita Falls, TX), OK/TX --56-57

TORNADOES – Deadliest American -- **CHRONOLOGICAL** (Cont.)

393. 1982 -- April 2, Tornadoes, 7 counties, esp. Faulkner and Hempstead Co's., AR²⁸⁴⁹ --14-15
 394. 1982 -- April 2, Tornado, Lamar, Red River Counties, TX -- 10
 395. 1982 -- May 29, F4 Tornado, Marion, Williamson County, IL -- 10
 396. 1984 -- April 21, MS (15-16) & TN Tornadoes esp. Water Valley and Philipp, MS --15-16
 397. 1984 -- April 26, Tornado Outbreak, IA, MN (1), KS, and especially OK (11) -- 12
 398. 1984 -- June 7, Tornado outbreak, especially WI (9 deaths), IA (3) and MO (1 death)-- 13
 399. 1985 -- May 31, Tornadoes, OH (11 fatalities) and PA (65-67 fatalities) --76-78
 400. 1987 -- May 22, Tornado, Saragosa, Reeves County, TX -- 30
 401. 1987 -- Nov 15, Tornadoes, TX (10 deaths) and LA (1) -- 11
 402. 1989 -- Nov 15, Tornado, Madison County, AL -- 21
 403. 1989 -- Nov 16, Tornado, East Coldenham Elementary School, Newburgh, NY²⁸⁵⁰ -- 9-10
404. 1990 -- Aug 28, F5 Tornado, Kendall and Will Counties (especially Plainfield), IL -- 29
 405. 1991 -- April 26, Tornadoes, KS (18 deaths); OK (4 deaths), esp. Andover area, KS -- 22
 406. 1992 -- Nov 21-23, Tornado Outbreak, GA/6 KY/1 MS/15 NC/2 SC/1 TN/1 -- 26
 407. 1994 -- March 27, Tornado, St. Clair, Calhoun, Cherokee Counties, AL -- 22
 408. 1997 -- March 1, Tornadoes; especially AR (27 deaths) MS (1 death) and TN (1)²⁸⁵¹-- 29
 409. 1997 -- May 27, Tornadoes, Jarrell (Williamson Co.); Lakeway (Travis Co.) TX --28-29
 410. 1998 -- Feb 22-23, Tornadoes, Orange, Osceola, Seminole, Volusia Counties, FL -- 42
 411. 1998 -- March 20, Tornado, Hall (Gainesville Area) and White Counties, GA -- 12
 412. 1998 -- April 8, Tornadoes, Oak Grove, Moody Counties, Birmingham, AL -- 34
 413. 1999 -- May 3, Tornadoes (74; 58 in OK); KS (6 deaths) & especially OK (45)²⁸⁵² --51-55
414. 2000 -- Feb 13-14, Georgia Tornadoes, esp. Camilla, Mitchell County, GA -- 19
 415. 2000 -- Dec 16, Tornadoes, Geneva (1 fatality) and Tuscaloosa (11 deaths), AL -- 12
 416. 2002 -- Nov 10, Tornado Outbreak, AL (12) MS (1) OH (5) PA (1) TN (15) -- 34
 417. 2003 -- May 4, Tornadoes, SE KS (8) MO (19) TN (11) esp. Denmark area -- 38
 418. 2005 -- Nov 6, Tornado, Eastbrook Mobile Homes, Evansville & Warrick Co., IN²⁸⁵³ --24-25
 419. 2006 -- Apr 2, Tornadoes, high-wind Storms, AR, IL, IN, MO, esp. NW TN --29-30

²⁸⁴⁸ Cross-listed in Maritime.

²⁸⁴⁹ Fifteenth fatality was indirect – policeman killed at a roadblock leading to damaged area in Faulkner County.

²⁸⁵⁰ Seven children died immediately, two in hospitals shortly thereafter, and one by a car three days later, the driver of which was “gawking” at the tornado damage.

²⁸⁵¹ Includes one indirect electrocution death in Pulaski County, AR, on March 2, during clean-up; male, 35.

²⁸⁵² We show a range of 51-55 because while we have one National Weather Service source noting 55 fatalities we note several other NWS and NOAA sources noting 45-46. We have been able to identify fifty-one deaths, including five indirect fatalities.

²⁸⁵³ The range has to do with whether sources cited include death of stillborn (8 months) Elaina Faith Warren, in Warrick County. Some sources note twenty-four fatalities, and some 25, including stillborn girl as the 25th.

420. 2007 -- Feb 2, Tornadoes, Lady Lake and Lake Mack, Lake County, Central FL -- 21
 421. 2007 -- March 1, Tornado Outbreak (Prairie, Enterprise), AL -- 10
 422. 2007 -- May 4, Tornado outbreak, Greensburg (11), Hopewell (1), Macksville (1), KS-- 13
 423. 2008 -- Feb 5-6, "Super Tuesday" Tornado Outbreak, AL, AR, KY, TN --62-63
 424. 2008 -- May 10, Tornadoes, Northeast OK and Southwest MO -- 21
 425. 2009 -- Feb 10, Tornado, Lone Grove, OK -- 8

TORNADOES – Deadliest American -- **CHRONOLOGICAL** (Cont.)

426. 2010 -- Apr 24, Tornado, Central MS (Choctaw, Holmes and Yazoo County deaths)-- 10
 427. 2011 -- Apr 14-16, Storms, wind, tornadoes, flash flood, AL, AR., MS, NC, OK, VA²⁸⁵⁴ 46
 428. 2011 -- Apr 25, Severe Storms, Flash Floods, Tornadoes, Ark. -- 10
 429. 2011 -- Apr 27, Tornadoes, Storms, Flash Floods, AL, AR, MS, TN, GA, VA, KY 341-350
 430. 2011 -- May 22, Tornado, Joplin, MO --159-163
 431. 2011 -- May 24, Tornadoes, OK, KS, Ark -- 17
 432. 2012 -- Feb 30, Severe Weather, Tornadoes, Harrisburg, IL, KS, KY, MO, NE, TN -- 12
 433. 2012 -- Mar 02, Tornadoes, Midwest and South, esp. AL, GA, IN, KY, OH, TN -- 39
 434. 2013 -- May 20, Tornado, Moore, OK -- 24
 435. 2013 -- May 31, Tornadoes, flooding, Oklahoma City region, Central OK²⁸⁵⁵ -- 20
 436. 2014 -- Apr 27-28, Tornadoes, AR, OK, IA, AL, MS, TN, especially AR and MS -- 37
 437. 2015 -- Dec 23, Tornadoes, AR (1 death) MS (10 deaths) and TN (6 deaths) -- 17
 438. 2015 -- Dec 26, Tornadoes, north TX, Blue Ridge, Copeville, and esp. Garland, TX -- 11
 439. 2017 -- Jan 21 (MS/4) and Jan 22 (GA/16-17) Tornadoes and High Wind (FL/1)²⁸⁵⁶ --21-22

²⁸⁵⁴ Cross-listed in Wind Storms – there were deaths due to winds knocking trees down on cars and dwellings, tornadoes, and flash flooding (2).

²⁸⁵⁵ Two of the deaths were confirmed as drownings amongst group seeking safety in a storm drain. Not in this total are three flooding deaths in Missouri.

²⁸⁵⁶ Range reflects Albany, GA boy, 2, still missing one month later. The FL death was attributed to high wind.

TSUNAMIS, and “Freak” Wave – Deadliest American – By MORTALITY

1. 1946 -- Apr 01, Aleutian Islands, Alaska Earthquake/Tsunami, AK, CA, HI -- 165
2. 1964 -- March 28, AK Tsunami, Gulf of Alaska, AK -- 106
3. 1960 -- May 23, Great Chilean (Valdivia) Earthquake, Tsunami, Hilo, Hawaii -- 61
4. 1868 -- April 2, Volcano-induced earthquake and tsunami, Hawaii Island, HI --46-47
5. 2009 -- Sep 29, Tsunami, magnitude 8.0 earthquake 120M offshore, American Samoa-- 34
6. 1837 -- Nov 7, Tsunami, Islands of Maui and Hawaii, HI --15-≥16
7. 1964 -- March 28, Tsunamis, ~Newport, OR (4), Crescent City (11), Requa (1), CA -- 16

Other:

1. 1942 -- Lake Erie Large Wave, Cleveland -- 7
2. 1854 -- Tsunami Hits Oregon Coast, from December 23-24 Japan Earthquakes -- 5
3. 1877 -- Tsunami in Hawaii from Chilean Earthquake, May 10 -- 5
4. 1900 -- Lituya Bay Tsunami, Alaska, August 11 -- 5
5. 1958 -- Southeastern Alaska Tsunami, July 10 -- 5
6. 1894 -- Commencement Bay Tsunami, Puyallup River Delta, Tacoma WA, Nov 28 -- 2
7. 1930 -- Southern California Tsunami, Redondo Beach, August 31 -- 1
8. 1946 -- Aleutian Islands, Alaska Earthquake/Tsunami, California only, April 1 -- 1

TSUNAMIS, “Freak” Waves – Deadliest American – Chronological

1.	1837 -- Nov 07, Tsunami, Islands of Maui and Hawaii, HI	--15-≥16
	1854 -- Tsunami Hits Oregon Coast, from December 23-24 Japan Earthquakes	-- 5
2.	1868 -- April 2, Volcano-induced earthquake and tsunami, Hawaii Island, HI	--46-47
	1877 – May 10, Tsunami in Hawaii from Chilean Earthquake	-- 5
	1894 – Nov 28. Commencement Bay Tsunami, Puyallup River Delta, Tacoma WA	-- 2
	1900 -- Lituya Bay Tsunami, Alaska, August 11	-- 5
	1930 – Aug 31, Southern California Tsunami, Redondo Beach, CA	-- 1
	1942 -- Lake Erie Large Wave (not a tsunami), Cleveland	-- 7
3.	1946 -- April 1, Aleutian Islands, Alaska Earthquake/Tsunami, AK, CA, HI	-- 165
	-- Alaska only, Aleutian Islands, Alaska Earthquake/Tsunami	-- 5
	-- CA only. Aleutian Islands, Alaska Earthquake/Tsunami	-- 1
	1958 -- Southeastern Alaska Tsunami, July 10	-- 5
4.	1960 -- May 23, Great Chilean (Valdivia) Earthquake, Tsunami, Hilo, Hawaii	-- 61
5.	1964 -- March 28, AK Tsunami, Gulf of Alaska, AK	-- 106
6.	1964 -- March 28, Tsunamis, ~Newport, OR (4), Crescent City (11), Requa (1), CA	-- 16
7.	2009 -- Sep 29, Tsunami, magnitude 8.0 earthquake 120M offshore, American Samoa	-- 34

VIOLENCE²⁸⁵⁷ – **Master Set** – **Deadliest American** -- **By MORTALITY**

1. 1540 -- Oct 18, Spanish (de Soto) battle/massacre, with Atahachi, Mabila, AL --2,500-6,000
2. 1838 -- May-March 1839, Cherokee Relocation, NE AL/NW GA/SE TN/NW NC to OK²⁸⁵⁸ ~4,000
3. 2001 -- Sep 11, 9/11 Terrorist Attacks, WTC (NYC), Pentagon, Shanksville, PA²⁸⁵⁹ --3,064
 - Sep 11, World Trade Center, American 11 and United 175, NY --2,830
 - Sep 11, American Airlines hits Pentagon, Arlington, VA -- 189
 - Sep 11, United Airlines N591UA Crash Shanksville, PA -- 45
4. 1941 -- Dec 7, Attack by Japanese on Pearl Harbor, HI --2,402
5. 1675 -- Dec 19, English Colonists Massacre Narragansetts, Great Swamp, RI --365-1,100
6. 1599 -- Jan 21, Spanish (Oñate) Massacre Acoma Natives, punitive expedition, NM -300-800
7. 1637 -- May 26, Mystic Massacre, Eng. Colonists Attack Pequot Vil., Mystic River CT --700
8. 1644 -- Feb, Massacre, Dutch attack Siwanoy, Petuquapaen, ~Cos Cob, CT²⁸⁶⁰ --500-700
9. 1862 -- Aug 17-Sep, Violence, Sioux “Insurrection,” Litchfield, elsewhere, MN --300-650
10. 1903 -- Dec 30, Trampling, Suffocation, Iroquois Theater Fire, Chicago, IL²⁸⁶¹ -- 602
11. 1853 -- Burnt Ranch Massacre, Settlers kill Tolowa, Yontocket, Smith Riv., No. CA-450-600
12. 1813 -- Aug 30, Creeks Massacre militia/settlers, Fort Mims, Baldwin Co., AL --250-517
13. 1864 -- July 30, Rebels kill wounded/surrendered/trapped black soldiers, Petersburg, VA -- ~500
14. 1864 -- Sep, General massacre of Yana Natives, Northern CA -->335-500
15. 1942 -- Nov 28, Fire/trampling/suffocation, Cocomo Grove Nightclub, Boston, MA²⁸⁶²--498
16. 1644 -- Apr 18, Native Massacre of English Colonists along James River, VA --300-400
17. 1859 -- Late Mar-mid Apr, Whites kill Natives, Round Valley, Mendocino Co., CA--300-400
18. 1864 -- Apr 20-22, Rebels kill black soldiers, runaway slaves, others, Plymouth, NC-300-400
19. 1863 -- Jan 29, Massacre, Shoshoni Village attacked, Bear River, Utah Territory -- 384
20. 1763 -- Unangan/Eastern Aleut conflict with Russians, Unalaska/Umnak/Unimak Isl., AK>375
21. 1890 -- Massacre, Natives attacked by U.S. 7th Cavalry, Wounded Knee, SD -- 350
22. 1622 -- Mar 22, Jamestown Massacre, Natives Attack, Jamestown Colony, VA -- 347
23. 1836 -- Mar 27, Mexican Pres. Santa Anna orders execution of TX prisoners, Goliad, TX-- 342
24. 1676 -- May 19, Eng. Colonists massacre Peskeomskut Natives, Turners Falls, MA --200-300
25. 1712 -- Jan 28, NC/SC Militia, Indian allies retaliate against Tuscaroras, Craven Co. NC-300
26. 1729 -- Nov 28, Ft. Rosalie Massacre, French Colonists by Natives, Natchez MS --200-300
27. 1771 -- May 16, “Regulators” Uprising, NC -- 300

²⁸⁵⁷ We use Hofstadter’s definition: “Acts of violence...are those which kill or injure persons or do significant damaged to property. Acts of force are those which prevent the normal free action or movement of other persons, or which inhibit them through the threat of violence....A line of policemen arrayed against, say, demonstrators or strikers, represents force. Violence begins when they use their weapons.” (Richard Hofstadter and Michael Wallace (Eds.), *American Violence: A Documentary History*. Vintage Books, 1970, 9.)

²⁸⁵⁸ Also referred to as Cherokee Trail of Tears as well as a “forced-march” relocation. Geographic area of coverage comes from sources in Narrative document and map in Thornton (1990) from Morris, Goins and McReynolds ([1965] 1986:20), entitled “The Trail of Tears.” Shows two Cherokee relocation routes from area encompassing north/northwest GA, southwest NC, southeast TN and northeast AL. One route is northwest through TN into KY, westward to southern IL, then down into southeastern MO, into northern Ark. and then westward into OK. Second route was westward through TN and AR to OK.

²⁸⁵⁹ The four planes involved are each cross-listed in Aviation.

²⁸⁶⁰ In dispute – some place the massacre in Westchester County, NY (Dinan. “Historians Sift Clues...” *Greenwich Time*, 3-5-2006.)

²⁸⁶¹ Cross-listed in Fire-Structural.

²⁸⁶² Cross-listed in Fire-Structural.

VIOLENCE – **Deadliest American** – **By MORTALITY** -- Cont.

28. 1813 -- Nov 3, Tallushatchee Battle /Massacre, Gen. Coffee destroys Creek Vil., AL -- 300
29. 1851 -- Massacre, White Miners Burn Wintu Council House, Old Shasta, CA -- 300
30. 1863 -- Sep 3, Massacre, Army attacks Dakota/Lakota Sioux, Whitestone Hill, ND --150-300
31. 1864 -- Apr 12/13, Massacre, Confederates kill captives, esp. Black, Fort Pillow, TN -- ~300
32. 1868 -- Sep 28-29, Opelousas Massacre (racial/political), St. Landry Parish, LA --200-300
33. 1876 -- Dec 05, Fire, Trampling, Suffocation, Conway Theater, Brooklyn, NY²⁸⁶³ --284-300
34. 1988 -- Dec 21, Pan Am Flight 103 Blown-Up over Lockerbie, Scotland--²⁸⁶⁴ (189 U.S.) 270
35. 1836 -- Feb 23-March 6, Fall of the Alamo, Texans Revolt from Mexico -- 257
36. 1860 -- Whites attack Yuki Natives near Round Valley, Mendocino County, CA -- 250
37. 1860 -- Feb 26, Whites Massacre Natives, Indian Isl. & Humboldt Bay vic., CA -->100->250
38. 1983 -- Oct 23, Terrorism, Marine Corps Barracks truck bomb, Beirut, Lebanon -- 241
39. 1859 -- May, Whites Massacre Yuki Natives, Round Valley, Mendocino County, CA -- 240
40. 1861 -- Late Sep, Horse Canyon Massacre, Whites/Natives attack Wailaki, Round Val. CA--100-240
41. 1999 -- Oct 31, Mass Murder, Egypt Air Flight 990 Crash, off Nantucket Is. MA²⁸⁶⁵ -- 217
42. 1940 -- April 23, Rhythm Night Club fire/suffocation/trampling, Natchez, MS -- 209
43. 1539 ---Sep 16, Napituca Massacre, Hernando de Soto executes Timucuan, No. Cen. FL-30-200
44. 1623 -- May 12, Cpt. Tucker VA party poison/kill Powhatans, Patawomeck, VA --150-200
45. 1690 -- May 20, Massacre, French/Indians attack settlers, Falmouth (Portland), ME--120-200
46. 1784 -- Russian fur traders massacre Sugpiaq Natives, Kodiak Island, AK -- >200
47. 1850 -- May 15, Bloody Island Massacre, USA Attack Pomo, Clear Lake, CA --60-200
48. 1874 -- Apr 30-May 9 “Brooks-Baxter (contending Govs.) War” Little Rock AR -- >200
49. 1917 -- July 1-3, especially July 2, East St. Louis anti-Black Race Riots, IL --48-200
50. 1919 -- Sep 30-Oct 2, Racial Violence, Hoop Spur, Elaine vic., Phillips Co., AR --100-200
51. 1921 -- May 31-Jun 1, Race Riot, Whites attack Blacks, Greenwood area, Tulsa, OK--38-200

52. 1863 -- Aug 21, Atrocity/War Crime, Quantrell’s Raiders, Lawrence, KS -- 191
53. 1757 -- Aug, Natives Massacre garrison after surrender, Fort William Henry, NY -- ~184
54. 1908 -- Mar 04, Fire/Trampling/Suffocation, Lakeview Sch., Collinwood, OH²⁸⁶⁶ --172-178
55. 1846 -- Mid Apr, Sacramento River Massacre, Carson/Fremont attack Natives, N. CA-- >175
56. 1908 -- Jan 13, Fire and Trampling, Rhoads Opera House, Boyertown, PA²⁸⁶⁷ --169-175
57. 1870 -- Jan 23, Massacre, Marias Riv. Piegan Tribe attacked by 2nd Cav., MT Territory-- 173
58. 1995 -- Apr 19, Terrorism, Alfred P. Murrah Federal Bldg. Bombing, Oklahoma City²⁸⁶⁸ -168
59. 1800 -- Feb 01, U.S. Frigate *Constellation* engagement with French *La Vengeance*²⁸⁶⁹ -- 160
60. 1852 -- Apr 23, Bridge Gulch Massacre, Whites attack Natives ~Hayfork, No. CA --140-153
61. 1802 -- June, Tlingits attack Russians/Aleut workers, Fort Archangel St. Michael, AK-- ≤150
62. 1833 -- Early Sum., Cutthroat Gap Massacre, Osage attack Kiowa, ~Saddle Mt., OK -- ~150
63. 1857 -- Sep 03, Massacre, Col Harney Attacks Sioux Camp, Bluewater Creek, NE -- 150
64. 1862 -- Oct 24, Massacre of Tonkawa by pro-Union Natives near Anadarko, OK --136-150

²⁸⁶³ Cross-listed in Fire-Structural

²⁸⁶⁴ Sub-listed in Terrorism and cross-listed in Aviation.

²⁸⁶⁵ Cross-listed in Aviation.

²⁸⁶⁶ Cross-listed in Fire-Structural

²⁸⁶⁷ Cross-listed in Fire-Structural

²⁸⁶⁸ Cross-listed in Explosions and in Fire-Structural.

²⁸⁶⁹ Cross-listed in Maritime

VIOLENCE – **Master Set** -- **Deadliest American** – **By MORTALITY** -- **Cont.**

65. 1864 --Apr 25, Rebels murder runaway slaves with Union force, Marks' Mills, AR->100-150
66. 1864 -- Nov 29, Sand Creek Massacre of Cheyenne/Arapaho near Fort Lyon, CO --130-150
67. 1866 -- May 19-21, Massacres of Chinese Miners by Natives, Battle Creek vic., OR --50-150
68. 1871 -- Apr 30, Massacre of Apaches, Camp Grant Arivaipa, Arizona Territory --125-150
69. 1850 -- "Friendship Feast," Whites poison Trinity Riv. Wintu Natives, Shasta Co., CA-- 145
70. 1565 --Sep 20, Massacre, Spanish troops kill male French colonists, Ft. Caroline, FL²⁸⁷⁰~140
71. 1711 -- Sep 22, Tuscarora Massacre of White Settlers, Bath County, NC -->130-140
72. 1840 -- Oct 24, TX volunteers ambush Comanche camp, Red Fork Col. River, TX --110-140
73. 1857 -- Sep 11, Mt. Meadows Massacre, Mormons/Paiutes attack Wagon Train, UT--120-140
74. 1676 -- Jul 02, Massacre, Eng. Colonists attack Narragansett camp ~Providence, RI-100-126
75. 1643 -- Feb 25, New Amsterdam Dutch massacre Natives, Pavonia [NJ]²⁸⁷¹ --80-120
76. 1644 -- Early (Jan?), Massacre, Dutch and English attack Mespath (Long Island, NY) -- 120
77. 1863 -- July 13-17, Anti-Draft and Racial Riots, New York City, NY --105~120
78. 1902 -- Sep 20, Panic/Stampede, Shiloh Baptist Church Birmingham, AL -- 115
79. 1941 -- Oct 31, Attack, USS *Reuben James* Sunk, German Submarine, near Iceland²⁸⁷²-- 115
80. 1873 -- April 13, Racial and Political Violence, Colfax, Louisiana --67-105
81. 1868 -- Nov 27, "Battle" of the Washita, Custer attacks Cheyenne village, OK -- 103
82. 1811 -- Jan, Deslondes Slave Rebellion and Retaliation, German Coast, LA -- 101
83. 1542 --~Mid-May, Massacre, de Soto's men attack Natives in Nilco province town, AR~100
84. 1655 -- Sep 15-18,²⁸⁷³ Natives attack Dutch in New Netherland (NY and NJ) --16-100
85. 1724 -- Aug 23, Massacre, colonial militia attack Abenaki village, Norridgewock, ME~80-100
86. 1790 -- Jan late, Olowalu Massacre, Cpt. Metcalfe, *Eleanora*, fires on Native canoes, Maui >100
87. 1855 -- Jan 1, Settlers Massacre Tolowa, Etchulet (Achulet), ~Lake Earl, No. CA --30->100
88. 1863 -- July 11-17, New York Draft Riots, NY -- 100
89. 1864 -- July 28-29, US Army attacks Dakota Sioux, Killdeer Mountain, ND Territory --~100
90. 1876 -- Sep 15-21, Racial Violence, esp. ~Ellenton, Aiken & Barnwell Co's. SC --25-100
91. 1877 -- Jul 20-26, Great Railroad Strike, Clash with Police/Mil., MD/IL/PA --92-100
92. 2003 -- Feb 20, Fire, Trampling, Station Nightclub, West Warwick, RI²⁸⁷⁴ -- 100
93. 1812 -- Aug 15, Pottawatomie Massacre of Soldiers/Homesteaders, Fort Dearborn, IL -- ~98
94. 1986 -- Dec 31, Arson Fire, Dupont Plaza Hotel, San Juan, Puerto Rico²⁸⁷⁵ -- 97
95. 1782 -- Mar 08, Massacre of noncombatant Indians by PA militia, Gnadenhutten, OH -- 96
96. 1990 -- Mar 25, Arson Fire, Happy Land Social Club, Bronx, NY²⁸⁷⁶ -- 87
97. 1637 -- Massacre of Lenni-Lenape at Pavonia (near present day Jersey City, NJ) -- 80

²⁸⁷⁰ Today's Jacksonville.

²⁸⁷¹ Giersbach writes that the attack site was today's Corlaer's Hook, Jersey City. *Wikipedia* has it that Pavonia was "on the west bank of the North River (Hudson River)...in what would become today's Hudson County, New Jersey." (*Wikipedia*. "Pavonia, New Netherland," 11-11-2012 modification.)

²⁸⁷² Cross-listed in Maritime. This was before Pearl Harbor and U.S. declarations of war -- part of Neutrality Patrol.

²⁸⁷³ These are the dates for the initial Native attacks and colonial deaths. There were additional deaths on both sides in retaliatory Dutch attacks.

²⁸⁷⁴ Cross-listed in Fire-Structural

²⁸⁷⁵ Cross-listed in Fire-Structural and in Violence subsection of Mass Murder.

²⁸⁷⁶ Cross-listed in Fire-Structural

VIOLENCE – Master Set -- Deadliest American – By MORTALITY -- Cont.

98. 1675--Sep 18-19,²⁸⁷⁷ Bloody Brook Massacre, Natives attack wagon train, S. Deerfield, MA-59-76
99. 1692 -- Jan 25, Massacre, French and Indians attack English colony, York, ME ---50-75
100. 1850 -- May 19, Russian River Massacre, US Army attacks Pomo, ~Healdsburg, CA-- >75
101. 1864 -- Feb 20, Atrocity, Confederates kill wounded black US soldiers, Olustee, FL--25-75
102. 1913 -- Dec 24, Crushing/Trampling Italian Hall Disaster, Calumet, MI --73-75
103. 1993 -- April 19, FBI/ATF attack Branch Davidian Compound/fire ~Waco, TX²⁸⁷⁸ -- 75
104. 1851 -- Jan, early, Rattlesnake Creek Massacre [?], Natives attack white miners, CA-- 72
105. 1855 -- Sep, “Cpt.” Jarboe force Massacres Achomawi Natives, Pit River village, CA-->70
106. 1864 -- Oct 03, Confederates murder wounded Union soldiers, Saltville, VA --24-70

107. 1873 -- Aug 5, Massacre, Dakota (Sioux) attack Pawnee hunting party ~Trenton, NE-- 69
108. 1704 -- Feb 29, Massacre, French and Native allies attack Deerfield, MA²⁸⁷⁹ -- 68
109. 1676 -- July 3, 4, Massacre, Eng. Colonists attack Narragansetts, Warwick Neck, RI- 40-67
110. 1831 -- Aug 21-23, Nat Turner Slave Revolt/Massacre of Whites, Southampton Co., VA-55-65
111. 1983 -- Apr 18, Terrorism, US Embassy suicide bombing, Beirut, Lebanon --17 US of 63
112. 1852 -- Sep, Bloody Point Massacre, Modocs attack wagon train, Tule Lake, North CA--62
113. 1703 -- Aug 10, French & Indians attack So. coastal ME, esp. greater Portland vic. -- ≥61
114. 1813 -- Nov 18, Hillabee Massacre, US Troops attack Creek Vil. suing for peace, AL-- 61
115. 1677 -- June 29, Natives attack party of 90 settlers near Black Point, ME -- 60
116. 1832 -- Aug 02, Battle Island Massacre/Massacre of Bad Axe, Natives attacked, WI-- < 60
117. 1853--Fall, White/Chinese retaliatory attack re. Natives, Feather Riv., Butte Co., CA-40-60
118. 1871 -- Boyne Day Parade and Religious “Orange Riot,” NYC, July 12 -- < 60

119. 2017 -- Oct 1, Shooting, hotel 32nd floor, Country Music Show, Las Vegas, NV²⁸⁸⁰ --58-59
120. 1875 -- Sep 4-6, Racial/pol. violence, whites attack blacks, Clinton, Hinds Co., MS --37-57
121. 1884 -- Mar 28-30, Hamilton County Courthouse Riots, Cincinnati, OH --45-56
122. 1831 -- Aug 23-31, White response to Turner revolt, Blacks killed without trial, VA/NC ~32~54
123. 1992 -- April 29-May 4, Riots following Rodney King Verdict, Los Angeles, CA --53-54
124. 1741 -- Mar, Alleged Slave Uprising, Blacks Burned and Hanged, NYC, NY --33-52
125. 1778 -- May 30, Violence, Loyalists and Indians attack Cobus Kill Settlement, NY -- ~52
126. 1868 -- Jul 15, Political/Racial Riot, Millican, TX -- 6-55
127. 1541/42 Winter, Coronado’s Expeditionaries burn-at-stake Tiwa Natives, NM²⁸⁸¹ --40-50
128. 1676--Jun 12, Mohawks massacre Native camp whose men were attacking Hadley, MA-50
129. 1851 --Jan 11, Whites attack Natives, Mt. ~No. Fork, San Joaquin Ri., Mariposa Co., CA-23-50
130. 1874 -- Dec 07, Violence-Massacre, Whites attack Blacks, Vicksburg, MS -- 50
131. 1887 -- Nov 23-25, Violence, racial/labor, striking sugarcane workers, Thibodaux LA²⁸⁸²-30->50
132. 1921 -- Aug 27-Sep 3, Battle of Blair Mt., Miners vs. Operators, Logan Co., WV -16->50
133. 2016 -- June 12 -- Shooting/Terrorism/Hate-Crime, Gay Nightclub, Orlando, FL --²⁸⁸³50

²⁸⁷⁷ Both dates are used, apparently depending on whether old style or new style dating is applied.

²⁸⁷⁸ In addition on Feb 28, 1993 10 died in a shootout when a large force (~100) of U.S. ATF agents attempted to serve David Koresh – four ATF agents and six Davidians.

²⁸⁷⁹ Though death tolls vary, we rely on Demos and Sheldon. Includes 39 in attack, 9 in pursuit party, 20 captives.

²⁸⁸⁰ Fifty-nine fatalities including shooter who committed suicide after killing fifty-eight people; wounded hundreds.

²⁸⁸¹ Refers to those burned at the stake, not to the Natives killed in fighting, or killed after surrender by “lancing.”

²⁸⁸² There were unconfirmed reports of up to 300 fatalities.

VIOLENCE – **Master Set** -- **Deadliest American** – **By MORTALITY** -- **Cont.**

134. 1859 ~Late Aug,²⁸⁸⁴ McElroy party massacres Natives Roff's Ranch, Pitt Ri. vic., CA- ≥49
135. 1778 -- Nov 11, Massacre, women/children, Loyalist/Seneca Force, Cherry Valley NY-- 48
136. 1866 -- May 1-3, Racial riots, Irish police lead riots against blacks, Memphis, TN²⁸⁸⁵-46-48
137. 1866 -- July 30, Racial/Political "Riots", Blacks seeking rights, New Orleans, LA --38-48
138. 1927 -- May 18, Dynamite Bombing, Bath Township Consolidated School, MI²⁸⁸⁶ -- 46
139. 1968 -- Apr 4-11, Martin Luther King Jr. assassination rioting, esp. Chicago, DC, --42-46

140. 1962 -- May 22, Mass Mur., Continental Flight 11 Blown-Up over Unionville, MO²⁸⁸⁷ -- 45
141. 1955 -- Nov 01, Mass Murder, United Flight No. 629 Blown Up over Denver, CO²⁸⁸⁸ -- 44
142. 1959 -- Nov 16, National Air Flight 967 Crashes, suspected sabotage, Gulf of Mex.²⁸⁸⁹ -- 42
143. 1964 -- May 07, Mass Mur., Pilot Shot, Pacific Air 773 Crashes, San Ramon, CA,²⁸⁹⁰ -- 44
144. 1967 -- July 23-26, Detroit Race Riots, Army, Mich. NG, Detroit & State Police, MI-- 43
145. 1987 -- Dec 7, Mass Mur., Pacific SW Flight 1771 Hijacked/Crashed, Cayucos, CA²⁸⁹¹--43
146. 1840 -- Mar 19, Council House Fight, peace party Comanches (35), San Antonio, TX-- 42
147. 1959 -- Nov 16, Mass Mur., National Airlines 967 Brought Down, Gulf of Mexico²⁸⁹² -- 42
148. 1971 -- Sep 9-13, Gov. Force, Attica Prison Riot/Revolt and Assault, Attica, NY²⁸⁹³ -- 42
149. 1977 -- June 26, Arson Fire, Maury County Jail, Columbia, TN²⁸⁹⁴ -- 42
150. 1852 -- Nov, Ben Wright Massacre of Modocs, peace talks, Lost Ri., Tule Lake, CA-30-41
151. 1855 -- Oct 08, Lupton Massacre, Whites attack Natives ~Upper Table Rock, OR --23-41
152. 1616 -- George Yeardley, Dep. Gov. of Virginia Colony, Attacks Chickahominy --12-40
153. 1640 -- Spanish hang Natives who will not renounce their faith, present day NM -- 40
154. 1676 -- Sep 25, Massacre, Natives destroy settlement at Cape Neddock, ME -- 40
155. 1697 -- Mar 15, Massacre; Natives attack English settlers, Haverhill, MA -- ~40
156. 1758 -- Apr 28, Massacre of Settlers by Shawnee, Fort Sybert/Seybert, WV -- >40
157. 1840 -- Aug 12, Battle, TX militia catch-up with Comanche raiders; attack ~Plum Creek TX-25-40
158. 1852 -- Mar 12, Massacre of Natives, upper crossing Klamath Ri. ferry & Indian Flat, CA-30-40
159. 1854 -- May 15~, Asbill party kill Yukis, Round Valley, Mendocino County, CA --32--40
160. 1856 -- Apr/May 13, Whites attack Natives, near Visalia, Keysville & Battle Mt., CA-->40
161. 1857 -- Mar 8-9, Massacre, Wahpetuke Dakota (Sioux) attack Spirit Lake IA --35-40
162. 1859 -- Jan 01, Whites kill Natives, Round Valley, Mendocino County, CA -- 40

²⁸⁸³ Shooter shot and killed 49 people before being shot and killed by police – bringing total number of deaths to 50,

²⁸⁸⁴ Date is uncertain. We have it as late August based on Cpt. Adams report of the incident dated Sep 3, Ft. Crook.

²⁸⁸⁵ Forty-six blacks killed by police and rioters; 2 whites killed by friendly-fire.

²⁸⁸⁶ Kehoe's bombs initially killed 37 elementary school children and 2 teachers. He murdered his wife. Detonated car bomb killing himself, school superintendent, village postmaster, postmaster's father-in-law. On August 22, 1927, student Beatrice Gibbs dies of injuries, and about one-year later 2nd grader Richard Fritz died of "lingering injuries." Cross-listed in Violence subsets of Bombings and School Shootings/Bombings.

²⁸⁸⁷ Cross-listed in Aviation.

²⁸⁸⁸ Cross-listed in Aviation.

²⁸⁸⁹ Cross-listed in Aviation. Presumed explosion thought to be for collection of insurance.

²⁸⁹⁰ Cross-listed in Aviation.

²⁸⁹¹ Cross-listed in Aviation.

²⁸⁹² Cross-listed in Aviation.

²⁸⁹³ Cross-listed in Violence-Revolt/Riots.

²⁸⁹⁴ Cross-listed in Fire-Structural and in Violence subset of Arson.

163. 1859 -- Summer, Chico Creek Canyon Massacre, Whites attack Maidu Natives, N. CA--40
 164. 1864 -- Sep 16, Rebel Indian/Texan force murder black Union soldiers, Flat Rock, OK--40
 165. 1865 -- Aug 16, Workman/Three Knolls Massacre, Whites kill Yanas, Mill Creek, CA--40
 166. 1879 -- Oct 11-19, Apache Massacre settlers, CO and NM --21-40
 167. 1906 -- Sep 22-26, Race Rioting, Atlanta, GA --25-40

VIOLENCE – Master Set – Deadliest American – By MORTALITY -- Cont.

168. 1860 -- Fall, Snake River Massacre, Immigrant Wagon Train attacked, pursued, OR-- 39
 169. 1861 --Feb 2, Settlers kill Natives, Eel Riv. above Sonoma Trail, Iaqua vicinity, CA-13-39
 170. 1971 -- Sep 9-13, Attica Prison Riot and Government Re-taking of Prison, Attica, NY-- 39
 171. 1997 -- ~March 23, Mass Suicide, Heaven's Gate Cult, Rancho Santa Fe, CA -- 39
 172. 1874 -- Sep 14, White League vs. Republican Race/Politics Battle, New Orleans LA-27-38
 173. 1919 -- July 27-31 (dates of major rioting and deaths), Race Riots, Chicago, IL -- 38
 174. 1920 -- Sep 16, Anarchist Bombing Mass Murder, Wall St. Terrorist Attack, NY²⁸⁹⁵ --30-38
 175. 1987 -- May 17, USS *Stark* hit by Iraqi Air Force Mirage missiles, Persian Gulf²⁸⁹⁶ -- 37
 176. 1676 -- Feb 10, Massacre, Nipmuc Natives attack Lancaster, MA --34-35
 177. 1800 -- Aug 30, Gabriel's Rebellion/Slave Uprising/Mass Hanging, Richmond, VA -- 35
 178. 1863 -- Apr 19, Keysville Massacre, US Army attacks Natives, near Keysville, CA -- 35
 179. 1882 -- June, Slave Insurrection Conspiracy Charge, Executions, Charleston, SC -- 35
 180. 1887 -- May 25, Chinese gold miners slain by thieves, Massacre Cove, Wallowa Co., OR-- 31-34
 181. 1943 -- June 20-22, Detroit Racial Rioting, MI -- 34
 182. 1960 -- Jan 06, Mass Murder, National Air Flight 2511 Blown-up, Bolivia, NC²⁸⁹⁷ -- 34
 183. 1965 -- Aug 11-17, Watts Race Riots, Los Angeles, CA -- 34
 184. 1967 -- June 8, Attack, USS *Liberty* by Israeli Air and Naval Craft, near Sinai Penn.-- 34
 185. 1950 -- Oct 29-Nov 6,²⁸⁹⁸ Independence uprisings multiple locations, Puerto Rico -- ~33
 186. 1980 -- Feb 2-3, NM State Penitentiary Uprising/Inmate Killings, ~Santa Fe, NM -- ≥33
 187. 2007 -- Apr 16, Virginia Tech Shootings, Blacksburg, VA --²⁸⁹⁹32-33
 188. 1632 -- Nov, Massacre at Fort Zwaanendael (Lewes), first Dutch Del. Colony -- 32
 189. 1859 -- Dec 19, Whites attack Natives, Round Valley, Mendocino County, CA --20-32
 190. 1863 -- Sep 4-18, Nome Cult Trail of Tears, Concow Maidu, Chico to Round Valley, CA~32
 191. 1973 -- June 24, Arson Fire, gay UpStairs Cocktail Lounge, New Orleans, LA²⁹⁰⁰ -- 32
 192. 1856 -- Feb 22/23, Natives attack garrison & settlers, Rogue River, Whaleshead, OR-- 31
 193. 1877 -- Jul 10, Chief Joseph's Nez Perce Massacre Chinese, Clearwater River, ID --30-31
 194. 1969 -- Apr 14, Attack, Navy EC-121M Shot Down by North Korea, Sea of Japan²⁹⁰¹ -- 31
 195. 1690 -- March 18, Massacre, French & Indians attack settlers, Salmon Falls, NH²⁹⁰² -- 30
 196. 1690 -- March 18, Massacre, French & Indians attack settlers, Salmon Falls, NH -- 30
 197. 1745 -- Nov 16, Schuylerville Massacre, French Raiders & Indians, near Saratoga NY-- 30

²⁸⁹⁵ Cross-listed in Violence-Bombing, violence Mass Murder and in Violence-Terrorism.

²⁸⁹⁶ Cross-listed in Maritime.

²⁸⁹⁷ Cross-listed under Aviation.

²⁸⁹⁸ Most of the fighting was over by Nov 1, but did not conclude entirely until Nov 6.

²⁸⁹⁹ Shooter killed 32 students and faculty; then committed suicide. Thus "33" includes the shooter.

²⁹⁰⁰ Cross-listed in Fires-Structural and in Violence subset of Mass Murder.

²⁹⁰¹ Cross-listed in Aviation.

²⁹⁰² There were apparently several fatalities across the river in Berwick, Maine, but the majority of the fatalities were in Salmon Falls, which was wiped out (killed and captured) and burnt to the ground.

198. 1849 -- May 10, Astor Place Opera House Riot & Government Response, NYC --16-30
 199. 1851 -- Jun, Battle Rock battle, Pacific Mail men kill natives with cannon, Port Orford, OR-13-30
 200. 1852 -- July 03~, Harvey party attacks Yokut village, Kings River rancheria, CA --9~30
 201. 1863 -- Apr 11, Chilula Massacre by Hoopa/Chilulas ~Stone Lagoon, Humboldt Co., CA~30
 202. 1871 -- Cowboys (4) Massacre Yahí women/children, Kingsley Cave, Tehama Co., CA~30
 203. 1871 -- Mar 6-7 approximately, Racial Violence, Meridian, MS --25-30
 204. 1918 -- Oct 04, Attack, Steamer *San Sabo* hits mine, 15 miles SW of Barnegat, NJ²⁹⁰³ -- 30

VIOLENCE – **Master Set** – **Deadliest American** -- **By MORTALITY** – **Cont.**

205. 1861 --May 10, Camp Jackson Affair, Union German unit kills Civilians, St Louis, MO_{≥28}
 206. 1862--Aug 10, Rebel cav. attacks fleeing Germans, Nueces River, Kenney Co., TX²⁹⁰⁴9-28
 207. 1865-Jan 25, Guerrillas kill black Union soldiers herding cattle ~Simpsonville, KY²⁹⁰⁵19-28
 208. 1877 -- Jun 14-15, Nez Perce attack settlers on and near Salmon River, no. ID --18~28
 209. 1885 --Sep 2, Labor/Racial Violence/Massacre, Chinese Miners, Rock Springs WY²⁹⁰⁶--28
 210. 1910 -- July 29-30, Racial Rioting, Whites attack Blacks, Slocum, TX and vicinity --18-28
 211. 1919 -- Nov 22, Stove Explos./Fire/Crushing, Dance Hall/Store, Ville Platte LA²⁹⁰⁷--25-28
 212. 1970 -- Dec 20, Mass Murder, Arson Fire, Pioneer International Hotel Tucson, AZ²⁹⁰⁸-- 28
 213. 2012 -- Dec 14, Mass Shooting, Sandy Hook Elementary School, Newtown, CT --²⁹⁰⁹27-28
214. 1853 -- Pence party attacks Native American camp ~Messilla Valley, Butte Co., CA-- 27
 215. 1859 -- ~Nov 24, Jarboe's Eel River Rangers attack Natives, Round Valley vic., CA-- ≥27
 216. 1864 --Sep 27, Train Robbery/Murders, Bill Anderson/Jesse James, Centralia MO²⁹¹⁰22-27
 217. 1895 -- Dec 27, Fire Panic, Trampling, Front St. Theater, Baltimore, MD -- 27
218. 1697 -- Sep 11, Massacre, Natives attack Lancaster, MA --21-26
 219. 1854 -- Feb 15, Miller group massacres Chetco River Natives ~river mouth, SW OR-- ~26
 220. 1874 -- Aug 30, Racial/Political Coshatta Massacre, Coshatta to Shreveport, LA--10-≥26
 221. 1898 -- Nov 10, Racial and Political (local coup d'état) Violence, Wilmington, NC --22-26
 222. 1911 -- Aug 26, Trampling/Suffocation, Opera House, Canonsburg, PA -- 26
 223. 1967 -- July 12-17 (esp. 13th), Police Violence and Racial Rioting, Newark, NJ²⁹¹¹ --25-26
 224. 1980 -- Dec 4, Fire, Conference Ctr. at Stouffer's Inn (possibly arson),²⁹¹² Harrison, NY-- 26
 225. 2017 -- Nov 5, Mass Shooting, First Baptist Church, Sutherland Springs, TX -- 26
226. 1803 -- March, Massacre, Crew of American ship *Boston*, Nootka, Vancouver Isl.²⁹¹³-- 25

²⁹⁰³ Cross-listed in Maritime.

²⁹⁰⁴ The range is meant to distinguish between execution of nine captured wounded and 19 others killed in the attack.

²⁹⁰⁵ A KY road marker titles this a massacre, as do several sources (and a slaughter), but not without controversy.

²⁹⁰⁶ Cross-listed under Violence-Racial.

²⁹⁰⁷ Cross-listed in Explosions and in Fires/Structural – approximately half of the fatalities were due to crushing.

²⁹⁰⁸ Cross-listed under “Fire – Structural.”

²⁹⁰⁹ Shooter killed 27 – 20 children and 6 adults at the school, plus his mother at home. Then committed suicide (28).

²⁹¹⁰ Cross-listed in Violence-Civil War Atrocities/War Crimes and in Violence-Mass Murder. “Several” or “some” of the fatalities, which we translate as “3” were Centralia residents, not train passengers. The range for train killed generally runs from 22-25, mostly unarmed Union soldiers.

²⁹¹¹ One death was a drug overdose. Have not been able to determine why this was attributed to the rioting.

²⁹¹² A waiter was charged with arson and 26 counts of murder and found guilty by jury; however, the presiding judge overturned the verdict citing insufficient evidence. This act was appealed but upheld by State Supreme Court.

227. 1914 -- Apr 20, Gov. Force, Ludlow Massacre (CO NG Attacks Mining Strikers)²⁹¹⁴ -18-25
 228. 1963 -- Nov 18, Fire (arson?), Surfside Hotel (elderly home), Atlantic City, NJ²⁹¹⁵ -- 25
 229. 1982--Sep 4, Mass murder/arson, Dorothy Mae Apartments/Hotel, Los Angeles, CA-24-25

VIOLENCE – **Master Set** – **Deadliest American** -- **By MORTALITY** -- **Cont.**

230. 1663 -- Jun 7, Massacre, Natives attack Dutch at Wiltwyck (Kingston, NY) and vic. -22-24
 231. 1675 -- Sep late, Natives attack settlers, relief force ambushed, Scarborough vic., ME-23-24
 232. 1862 --Aug, Massacre of Wailaki Natives, Upper Station, Round Valley Resvn., CA-23-24
 233. 1910 -- Jul 3-5, Race Riots/Violence, result of Jack Johnson defeat of Jim Jeffries --18-24
 234. 1939 -- Aug 12, Sabotage, Train Derails, South Pacific Railroad Carlin, NV²⁹¹⁶ -- 24
 235. 1976 -- Jan 30, Arson Fire, Wincrest Nursing Home, Chicago, IL²⁹¹⁷ -- 24
 236. 1991 -- Oct 16, Violence, Rampage Shooting, Luby's Restaurant, Killeen, TX²⁹¹⁸ --23-24
 237. 2003 -- Oct 25-Nov 4, Arson Wildfires (esp. Cedar, Old Fire, Paradise), Southern CA²⁹¹⁹ --22-24

 238. 1677 -- Leaders of Bacon's Rebellion are Hanged in VA -22-23
 239. 1689 -- Jun 27, Massacre, Penacooks attack English colonists, Cocheco (Dover) NH-- 23
 240. 1812 -- Sep 4-5, Massacre of Settlers, by Shawnee, Pigeon Roost Settlement, IN -- 23
 241. 1840 -- Aug 6-7, Council House Retaliation; Comanches raid Victoria & vicinity, TX-15-23
 242. 1863 -- Aug 4, Massacre, Confederates kill captured Union black soldiers, Jackson, LA--23
 243. 1922 -- Jun 21-22, Union miners murder non-union men and Guards ~Herrin, IL²⁹²⁰ -- 23

 244. 1689 -- Aug 28, Massacre, Natives attack settlers from Huckin's garrison, NH --21-22
 245. 1694 -- July 27, Massacre, Natives attack settlers, Groton, MA --20-22
 246. 1760 -- Feb, Massacre, Cherokee hostages by colonial soldiers, Fort Prince George, SC--22
 247. 1763 -- Jun 02, Massacre, Fort Michilimackinac, MI, Ojibwas and Sacs Attack -- 22
 248. 1779 --Feb 14, boat theft, hostage-taking attempt, violence, Cpt. James Cook/Hawaiians-22
 249. 1849 -- Mar Ore. miners kill Maidus, American River, Weber's Creek, Coloma, CA-- >22
 250. 1851 -- Jun 17, Maj. Kearny, USA Dragoons, attacks Natives, Rogue Ri. Vly., OR--~12-22
 251. 1855 -- Aug 6, Vote day Know-Nothing anti-German/Irish/Catholic riot, Louisville, KY-22
 252. 1944 -- Mar 28, Arson Fire, New Amsterdam Hotel, San Francisco, CA²⁹²¹ -- 22

²⁹¹³ Cross-listed in Violence – Massacres of Whites by Natives.

²⁹¹⁴ Cross-listed in Violence Subsets – Governmental Use of Force and in Labor-Related.

²⁹¹⁵ Ex-mental patient and arsonist arrested and “confessed,” but was not indicted. Cross-listed in Fire, Structural.

²⁹¹⁶ Cross-listed in Rail.

²⁹¹⁷ Cross-listed in Violence-Arson.

²⁹¹⁸ Twenty-three killed by the shooter, George Hennard, who killed himself after being wounded by police.

²⁹¹⁹ Cross-listed in Fires – Forest, Prairie and Wildfires.

²⁹²⁰ Two striking union-miners were killed by mine guards on June 21 when attacked by a large group of the striking miners and one other died of his wounds on July 13. Nineteen to twenty non-union miners and mine guards were murdered on June 22 by union miners. (The coroner's records turned over to the grand jury indicated 20 nonunion men, while the records of the undertakers who buried them indicated 19 burials – 19 was the number used in great majority of accounts.) On Oct. 2 Ignus Kubins, a hospitalized nonunion miner died of his wounds. Thus, there were 23 certain fatalities, and possibly more. There were reports of missing men, of men tossed into a pond or drowned in a river while attempting to escape, and of men burned and consumed in the burning of railroad cars at the strip mine, thus the possibility exists of one or more additional deaths.

²⁹²¹ Cross-listed in Violence subset Arson.

253. 1690 -- ~Sep 15, Massacre, English attack native village, NW of Brunswick, ME -- 21
 254. 1712 -- Apr 06, Violence, Fear of Insurrection of Blacks, Executions, NY, NY -- 21
 255. 1856 -- Jun 2-3 USA Cpt. Augur & Vols. Attack Natives, Painted Rock Rogue Ri., OR>21
 256. 1871 -- Oct 24, Racial Violence and Massacre, Chinatown, Los Angeles, CA -- 21
 257. 1884 -- June 4, Infant Bodies found, Nivison Home for Infants, Hammonton, NJ -- 21
 258. 1888 -- Aug 16, Racial Violence, White Regulators attack Blacks, Freetown, LA --10-21
 259. 1904 -- Jun 6-8, Labor Viol., Bombing/Shooting, Cripple Creek, Teller County, CO-- 21
 260. 1905 -- Apr 6-Jul 19, Labor Violence, Teamsters' Strike and Riots, Chicago, IL -- 21
 261. 1905 -- Jun 21, Sabotage, Train Derails, Twentieth Century Ltd., Mentor OH²⁹²² --19-21
 262. 1910 -- Oct 01, Labor Violence, Trade Unionist bombing, *LA Times*, Los Angeles, CA-- 21
 263. 1915 -- Oct 28, Fire, Trampling, St. John's Parochial School, Peabody, MA²⁹²³ -- 21
 264. 1922 -- Jul 17, Striking Miners attack Saledka Mine, Sheriffs men, Cliftonville, WV-- 9-21
 265. 1979 -- Jan 20, Arson Fire, Tenement, Clinton Street, Hoboken, NJ²⁹²⁴ -- 21
 266. 1984 -- July 18, Mass Killing, James Oliver Huberty, McDonald's, San Ysidro, CA -- 21
 267. 2003 -- Feb 17, Stampede/Crushing/Asphyxiation, E2/Epitome Night Club, Chicago, IL-- 21

VIOLENCE – **Master Set** – **Deadliest American** -- **By MORTALITY** -- Cont.

268. 1541, ~Mar 10, Hernando de Soto forces & “Chicasa” battle and “slaughter,” MS²⁹²⁵ -- >20
 269. 1643--Fall, Dutch/English force assisted by Stamford, CT settlers attack Natives, CT-18-20
 270. 1763 -- Wyoming Flats (Luzerne County, PA) Massacre of Settlers -- ~ 20
 271. 1763 -- Dec 14 & 27, Massacres, *Paxton Boys* kill Natives, Conestoga & Lancaster, PA-- 20
 272. 1780 -- May 26, Violence, Massacre of settlers near St. Louis, MO -- ~20
 273. 1837 -- Spring, Santa Rita/John Johnson Massacre, Apache Trading Party, SW NM -- 20
 274. 1852 -- Jul 17, Whites attack Rogue River Natives, Big Bar, near Table Rock, OR -- 4-20
 275. 1856 -- Apr 15, Locals and Americans fight, leads to Riot, Panama City, Panama --16-20
 276. 1858 -- Early-mid Jun, Whites attack Mattole Natives, Mattole Vllly., Humboldt Co.--15-20
 277. 1859 -- Oct 16-18, John Brown Insurrection, Harper's Ferry, VA -- 20
 278. 1864 -- Apr 30, Captured and/or wounded soldiers killed, Battle of Jenkins' Ferry, AR->20
 279. 1864 -- Jun 10, Confederates kill captured black soldiers, Battle of Brice's Cross Roads, MS-->20
 280. 1867 -- Apr 18, Labor Riot, Silver Bend Mining Co., Belmont, NV -- 20
 281. 1876 -- Oct 30, Fire Scare/Trampling, Chinese Royal Theatre, Jackson St. SF, CA --19-20
 282. 1885 -- Feb 12, Arson Fire, Dept. for Insane, Blockley Almshouse, Philly, PA²⁹²⁶ --19-20
 283. 1911 -- Mar 9-15, Violence, Race Strike, Queen & Crescent Rail, KY, TN -- 20
 284. 1917 -- Aug 23, 24th Infantry (Black)/Camp Logan Mutiny/Racial Riot, Houston, TX -- 20
 285. 1921 -- May 12-15, Battle of the Tug, coal mine labor conflict, Mingo County, WV -- 6-20

²⁹²² Cross-listed in Rail and in Violence subsection Mass Murder.

²⁹²³ Cross-listed in Fire-Structural and in Violence subset of Crushing, Trampling, Suffocation. Most of the girls died at the door block.

²⁹²⁴ Cross-listed in Fire-Structural and in Violence subset of Arson-Manslaughter/Homicide.

²⁹²⁵ No estimate at all is made of the Natives killed, thus we have conjectured the number “more than 20,” as a very conservative, we think, estimate of the number of Natives killed. We know from Duncan's account (*Hernando de Sota*, 1995) that the “Chicasa” attacked with a force of over three hundred about seven days earlier. Duncan, pulling from the accounts of the expedition afterwards, notes that there was a rout and a “pent-up rage” slaughter. It was usual for this particular force to kill all they could kill when in battle. There must have been a Native force again of something in the neighborhood of 300. We suspect that dozens, if not many dozens, were killed.

²⁹²⁶ Cross-listed in Fire-Structural and in Violence subset of Mass Murder.

286. 1924 -- Sep 9, Labor Violence, Filipino Strikers/Sheriffs Clash, Hanapepe, Kauai, HI-- 20
 287. 1970 -- Mar 20, Ozark Hotel (“flophouse”), Arson Fire, Seattle, WA²⁹²⁷ -- 20

VIOLENCE – Master Set – Deadliest American – By MORTALITY -- Cont.

288. 1655 -- Mar 20, Battle of Severn, Catholics attack Puritans, Horn Pt., Annapolis, MD²⁹²⁸ 19
 289. 1657 -- Navajo attack Jemez Pueblo, Jémez Province, NM -- 19
 290. 1703 -- Oct 6, Massacre, Eng. settlers/militia attacked while farming, Scarborough, ME- 19
 291. 1704 -- May 13, Massacre, Natives attack settlers, Pascommuck (Easthampton) MA-- 19
 292. 1708 -- Aug 29, Raid/Massacre, French and Indians attack settlers, Haverhill, MA --16-19
 293. 1847 -- Jan 19-20 Mexican/Pueblo Revolt, against U.S. NM occupation, Taos vic. –16-≥19
 294. 1853 -- Aug 24, Lane attacks Rogue River Natives ~Evans Creek ~Table Rock, OR --13-19
 295. 1854 -- Aug 20, Ward Massacre, Natives attack wagon train, Boise Riv. ~Caldwell, ID--19
 296. 1897 -- Sep 10, Lattimer Massacre, Deputies Shoot Striking Miners, Lattimer, PA -- 19
 297. 1937 -- Mar 21, Ponce massacre, police fire on marchers, Ponce, Puerto Rico -- 19
 298. 2003 -- May 13-14 Illegal immigrants suffocate, hot/airless milk trailer, Victoria, TX-- 19
299. 1676 -- Feb 21, Massacre, Nipmuc and Narragansett Natives attack Medfield, MA --17-18
 300. 1838 -- Oct 08, Massacre of Surveying Party near Dawson, Navarro County TX -- 18
 301. 1838 -- Oct 30, Haun’s Mill (Mormon) Massacre, Caldwell County, MO -- 18
 302. 1872 -- Nov 29-30 Modoc “Hooker Jim” band kills white males, SE Tule Lake, CA --14-18
 303. 1884 -- Nov 01, Political Riot, Loreauville, Iberia Parish, LA -- ≥18
 304. 1901 -- Oct 27, Race Riot, Balltown, Washington Parish, LA -- 9-18
 305. 1906 -- Jan 21, Fire, Trampling, St. Paul’s Baptist Church, Philadelphia, PA -- 18
 306. 1916 -- Mar 09, Pancho Villa Attacks Columbus, NM -- 18
 307. 1980 -- May 17-18, racial riots after jury acquits police, black beating death, Miami FL--18
308. 1849 -- Apr 26~ Whites massacre Natives Daylor mine & ranch, Cosumnes Riv. area, No. CA≥17
 309. 1859 -- ~July, Hildreth militia massacres Natives, Round Valley vicinity, No. CA -- 17
 310. 1916 -- Jan 10, Mass Murder, Americans on Train 50M W. Chihuahua City, MX --16-17
 311. 1958 -- Sep 2, USAF C130A Hercules shot-down over Sasnashen, Armenia, USSR²⁹²⁹ -- 17
 312. 1966 -- Aug 01, Charles Whitman Killing Spree, Univ. TX-Austin Tower Sniper--²⁹³⁰16-17
 313. 2000 -- Oct 12, Suicide Terrorism, USS *Cole* Bombed, Port of Aden, Yemen -- 17
 314. 2018 -- Feb 14, School Shooting, Marjory Stoneman Douglas High Sch., Parkland, FL-- 17
315. 1643 -- Aug, Massacre, Anne Hutchinson’s settlement by Siwanoy on Pelham Bay, NY-16
 316. 1854 -- Jan 29, Coos Co. whites massacre Coquilles, Whiskey Run, no. of Coquille Ri., OR-16
 317. 1859 -- July, last week, Breckenridge militia attack Natives, Tehama Co., No. CA --10-16
 318. 1861 -- Apr 19, Secession Mob Attacks 6th MA & 7th PA Regiments, Baltimore -- 16
 319. 1900 -- Mar 12, Arson Fire (charged), Italian Tenement Building, Newark, NJ²⁹³¹ -- 16
 320. 1913 -- Feb 10, Labor Vio., Miners/Guards Clash, ~Mucklow, Kanawha County, WV-- 16

²⁹²⁷ Cross-listed in Fire-Structural and in Violence subset of Mass Murder.

²⁹²⁸ Cross-listed in Violence subsets of “Battles” and “Religious Violence.”

²⁹²⁹ Cross-listed in Aviation.

²⁹³⁰ Whitman killed his wife and mother in Austin and then 14 people at the University, prior to his being killed.

²⁹³¹ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

321. 1953 -- July 29, Yokota Air Base, Japan, USAF RB50, shot down, Sea of Japan²⁹³² -- 16
 322. 1956 -- Aug 22, Attack, Navy P4M-1Q Shot Down near Wenchow, China²⁹³³ -- 16
 323. 1975 -- May 14, Attack, USS *Mayaguez* Khmer Rouge, Koh Tang Isl, Cambodia²⁹³⁴-- 16
 324. 1987 -- Dec 22, 26, 28, R. Gene Simmons Killing Spree, Dover & Russellville, AR -- 16

VIOLENCE – **Master Set** – **Deadliest American** -- **By MORTALITY** -- Cont.

325. 1675 -- Dec 16, Massacre, Natives attack Bull Garrison, Pettaquamscutt (Kingston), RI--15
 326. 1677 --Sep 19, Massacre, Pocumtuck Natives attack English colonists, Hatfield, MA-12-15
 327. 1694 -- Jul 18, Massacre, Abenaki attack settlers, Oyster River Plantation, Durham NH--15
 328. 1745 -- Russian traders massacre Unangan (Aleut) Women and Children, Attu, AK -- 15
 329. 1755 -- Nov 14-15, Delaware Natives attack German settlers, Berks County, PA --9~15
 330. 1828 -- Jedediah Smith Massacre by Natives, near Gardiner, OR -- 15
 331. 1847 -- Nov 29, Whitman Massacre, Missionaries, by Natives, near Walla Walla WA-- 15
 332. 1851 -- Nov 22, Col. Casey (USA), attacks Coquille, south fork Coquille River, OR--5~15
 333. 1852 -- Sum., Capt Crosby Force Massacre Modocs, Tule Lake reg., CA/OR Border-11-15
 334. 1855 -- Oct 9, Indians retaliate & attack settlers, upper Rogue River Valley, OR --12-15
 335. 1858 -- Early May, Killing of Yana Natives near Battle Creek, Tehama Co, No. CA -- 15
 336. 1868 -- July 15 time-frame, White vs. Black Conflict, Millican, Brazos Co., TX -- 6-15
 337. 1888 -- Dec 08, Hawes Lynch Mob fired on, Jefferson Co. Jail, Birmingham, AL --10-15
 338. 1901 -- July 04, Strike Riot, Dynamite Explosion, Smuggler Mine, Telluride, CO -- 15
 339. 1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV²⁹³⁵ 15
 340. 1984 -- July 4, Arson Fire, Elliott Chambers Rooming Home, Beverly, MA²⁹³⁶ -- 15
 341. 1984 -- Oct 18, Arson Fire, Alexander Hamilton residential Hotel, Paterson, NJ²⁹³⁷ -- 15
 342. 1999 -- April 20, Columbine High School Shooting, Columbine, CO²⁹³⁸ --13-15
343. 1675 -- Jul or Sep, VA Militiamen looking for Doeg Natives Kill Susquehannocks, VA--14
 344. 1676 -- Aug 13-14, Massacre, Natives attack settlers, Kennebec Riv. & Arrowsic, ME--≥14
 345. 1696 -- June 26, Massacre, Natives attack English settlers, Portsmouth Plains, NH -- 14
 346. 1844 -- May 6-8, Riots, Protestant Nativists and Catholic Irish, Philadelphia, PA -- 14
 347. 1850 -- Apr 03, Sioux Massacre Chippewa men, women, children, Apple River, WI-- 14
 348. 1858 -- Dec 31 Whites kill Natives ~Eden Valley, Russian River area, Sonoma Co., CA-14
 349. 1900 -- Jul 3, Arson Fire (alleged), Tenement, Adams and First Sts., Hoboken NJ²⁹³⁹-13-14
 350. 1966 -- Sep 12, Lane Hotel arson fire, Anchorage, AK²⁹⁴⁰ -- 14
 351. 1982 -- July 5, Arson Fire, Apartment Building, Waterbury, CT²⁹⁴¹ -- 14
 352. 1986 -- Aug 20, Postal worker Pat Sherrill Mass Shooting, Post Office, Edmond, OK²⁹⁴² 14

²⁹³² Cross-listed in Aviation.

²⁹³³ Cross-listed in Aviation.

²⁹³⁴ Cross-listed in Maritime.

²⁹³⁵ Cross-listed in Explosions and in Fire (gas can deliberately thrown into fire from kicked-over stove).

²⁹³⁶ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹³⁷ Cross-listed in Fire-structural. (Originally a hotel, but had become a low-rent apartment building.)

²⁹³⁸ Two seniors killed 12 students and 1 teacher before committing suicide; thus 13 victims and 15 total deaths.

²⁹³⁹ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁴⁰ Cross-listed in Fire-Structural.

²⁹⁴¹ Cross-listed in Fire-Structural.

353. 2001 -- May ~24, Smugglers abandon immigrants without water in desert heat, AZ²⁹⁴³ -- 14
 354. 2009 -- April 3, Mass Killings, Immigration Services Center, Binghamton, NY²⁹⁴⁴ --13-14
 355. 2015 -- Dec 2, Terrorism, Muslim couple attack, Inland Regional Ctr., San Bernardino, CA²⁹⁴⁵ 14
 356. 2016 -- Nov 28, Chimney Tops 2 arson Wildfire hits Gatlinburg, Sevier County, TN²⁹⁴⁶ - 14

VIOLENCE – **Master Set** – **Deadliest American** -- **By MORTALITY** -- **Cont.**

357. 1598--Dec 4, Pueblo Natives kill Juan de Zaldivar & soldiers seeking corn flour, W NM-13
 358. 1691 -- Sep 29, Massacre, Indians attack English settlers, Sandy Beach (now Rye), NH--13
 359. 1755 -- Oct 16-17, Massacre, Natives attack German settlers, Penn's Creek, PA -- ≥13
 360. 1832 -- July ~12, Battle of Pierre's Hole, fur-trappers, natives on both sides, ID -- 13
 361. 1840 -- March, Retaliation for Council House Comanche peace envoy deaths; prisoners killed--13
 362. 1850 --Feb 25, Smith/Kelsey massacre Natives, Henry Fowler ranch, no. Napa Vly., CA>13
 363. 1851 -- Jan, Four Creeks Massacre, Natives attack cattle herders, present-day Bakersfield, CA-13
 364. 1853 -- Mar 1, Cattle theft reported, Whites attack Natives in cave near Oak Grove, CA-13
 365. 1863 -- ~Jan 18, Shelton Laurel Massacre, Rebels murder Unionists, Madison Co., NC-- 13
 366. 1883 -- Aug 12, Massacre, Santa Fe Railroad Surveyors Attacked by Apaches -- 13
 367. 1886 -- Mar 17, Racial Hate Crime, Carrollton Massacre, Carrollton, MS -- 13
 368. 1898 -- Oct 12, Labor Violence, coal miners and mine guards shootout, Virden, IL --12-13
 369. 1904 -- Mar 23-24, Racial Violence Against Blacks, St. Charles, AR -- 13
 370. 1932 -- June 7, Explos./Arson/Mass Murder, Ellington Apartments, Cleveland, OH²⁹⁴⁷ -- 13
 371. 1949 -- Sep 06, Howard Barton Unruh Rampage Mass Shooting, Camden, NJ²⁹⁴⁸ -- 13
 372. 1965 -- Dec 11, Arson Fire/Mass Murder, Seeley Club (Tavern), Chicago, IL²⁹⁴⁹ -- 13
 373. 1975 -- Dec 29, Mass Mur., Bomb Explosion, LaGuardia AP Terminal, Brooklyn NY-- 13
 374. 1980 -- July 5-6, smugglers abandon immigrants, dehydration, Organ Pipe Cactus Nat. Mon., AZ²⁹⁵⁰--13
 375. 1982 -- April 30, Arson Fire, Pinter (residential) Hotel, 14th Street, Hoboken, NJ²⁹⁵¹ -- 13
 376. 1982 -- Sep 25, George Banks family shooting spree, Jenkins Twp./Wilkes-Barre, PA-- 13
 377. 1983 -- Feb 19, Fatal shootings (13 of 14), Wah Mee Club, Seattle "Chinatown", WA-- 13
 378. 1999 -- July 27-29, Workplace Shootings/9; family killed/3; suicide/1; Atlanta, GA -- 13
 379. 2009 -- Nov 05, Mass Shooting, Army Major Nidal Malik Hasan, Fort Hood, TX -- 13
 380. 2013 -- Sep 16, Navy Yard Mass Shooting, Washington, DC²⁹⁵² -- 13
381. 1669 -- June, Apache attack Acoma Pueblo, NM -- 12
 382. 1675 -- ~June 23-25, King Philips War begins, Wampanoags attack Swansea, MA -- 9-12

²⁹⁴² Sherrill committed suicide by shooting himself before he could be arrested, bringing total death toll to 15. Cross-listed in Violence subsets of Mass Murder and Shooting Sprees.

²⁹⁴³ Cross-listed in Heat.

²⁹⁴⁴ Shooter shoots and kills thirteen people and then shoots himself fatally.

²⁹⁴⁵ Sub-listed in Mass Murder and in Terrorism.

²⁹⁴⁶ Cross-listed in Fire-Wildfires.

²⁹⁴⁷ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁴⁸ Cross-listed in Violence subsets of Mass Murder and Shooting Sprees.

²⁹⁴⁹ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁵⁰ Cross-listed in Violence in that smugglers deliberately abandoned these immigrants (men, women, children), after stealing their possessions (as well as an 18-month-old baby), and did not disclose that safety could be sought by going to a highway just three miles away.

²⁹⁵¹ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁵² Gunman with mental health issues killed twelve Navy Yard workers before being killed by police.

383. 1676 -- Mar 12, Massacre, Natives Attack Clark House, Eel River, ~Plymouth, MA --11-12
384. 1676 -- Apr 18, Massacre, Natives attack settlers at Sudbury, MA -- 7-12
385. 1791 -- Jan 2, Violence-Massacre, Delaware & Wyandot kill Big Bottom settlers, OH-- 12
386. 1813 -- Sep 01, Creek Massacre of two families in Clarke County, AL -- 12
387. 1855 -- Apr 02, "Know-Nothings" vs. "Over the Rhine" Riot, Cincinnati, OH --10-12
388. 1868 -- Aug ~14-16, Cheyenne Raids on Settlers in and around Asher Creek, KS -- ~12
389. 1879 -- Sep 29, Meeker Massacre by Utes, White River, Northwestern CO -- 12
390. 1883 -- May 30, Crushing/Trampling, Brooklyn Bridge, NY, NY -- 12
391. 1884 -- Nov 13, Sabotage, Houston & TX Central Train derails, ~Hempstead, TX²⁹⁵³--9-12
392. 1889 -- Dec 10, Fire Scare, Trampling, Parke Theater/Opera House, Johnstown, PA -- 12
393. 1900 -- Jul 24-27, Anti-black riots (re. Robert Charles shootings), New Orleans, LA²⁹⁵⁴~12
394. 1913 -- Sep 28, Mass Murder Shooting Spree, Lynching, Harriston, MS --11-12
395. 1945 -- May 5, Attack, Civ. US Steamer *Black Point* Torpedoed off Point Judith RI²⁹⁵⁵-- 12
396. 1952 -- Jun 13, Yokota Air Base, Japan, USAF RB-29, shot down, Sea of Japan²⁹⁵⁶ -- 12
397. 1965 -- Dec 20, Arson Fire, Jewish Community Center, Yonkers, NY²⁹⁵⁷ -- 12
398. 1968 -- Feb 16, Arson Fire, Randolph Tavern, 107 W. Reed Street, Moberly, MO²⁹⁵⁸-- 12
399. 1968 -- Apr 01, Attack, Navy P3B Coastal Surveillance Downed, Gulf of Thailand²⁹⁵⁹-- 12
400. 1969 -- June 8, Arson (Patricide), Bailey Family Home Fire, Parkersburg, WV²⁹⁶⁰ -- 12
401. 1975 -- July 07, Arson Fire, Pomona Hotel, Portland, OR²⁹⁶¹ --11-12
402. 1978 -- Nov 05, Arson Fire, Allen Motor Inn, Honesdale, Wayne County, PA²⁹⁶² -- 12
403. 1981 -- March-April, hospital nurse kills elderly patients, Perris & Banning, CA -- 12
404. 1990 -- June 17-18, Violence/Shootings, esp. GMAC (18th), Jacksonville, FL²⁹⁶³ --11-12
405. 2006 -- Oct 31, Arson, Mizpah Hotel, North Lake St., Reno, NV²⁹⁶⁴ -- 12
406. 2012 -- July 20, James Holmes Mass Shooting, Century 16 Theater, Aurora, CO -- 12

VIOLENCE – **Master Set** – **Deadliest American** -- **By MORTALITY** – **Cont.**

407. 1755 -- Oct 31--Nov 2, Delawares/Shawnees attack settlers, Fulton/Franklin Cty, PA-- ≥11
408. 1763 -- May 25, St. Joseph's Post Massacre, Mouth of St. Joseph's River, MI -- 11
409. 1764 -- July 26, Massacre, Indians attack one-room Schoolhouse, ~Greencastle, PA -- 11
410. 1848 -- Violence, Vigilante Riot, Jailhouse, Cincinnati, OH -- 11
411. 1850 -- Sweathouse Massacre, Sonoma County Whites kill Natives, Napa County, CA-- 11
412. 1850 -- Apr 21, Quechan/Yuma Natives Massacre Glanton Gang, Winterhaven, CA -- 11
413. 1854 -- Apr 25, Arson, Jennings Building (all firemen), Broadway, NY, NY²⁹⁶⁵ -- 11

²⁹⁵³ Cross-listed in Violence subsets Mass Murder and Sabotage.

²⁹⁵⁴ This is an estimate of blacks killed by mobs, and does not include the 7 Robert Charles-related deaths, nor his.

²⁹⁵⁵ Cross-listed in Maritime.

²⁹⁵⁶ Cross-listed in Aviation.

²⁹⁵⁷ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁵⁸ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁵⁹ Cross-listed in Aviation.

²⁹⁶⁰ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁶¹ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁶² Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁶³ James Edward Pough shot and killed two people on the 17th. The next day he killed six at the GM scene, then himself. Three died later. Thus nine died as result of June 18 attack. In all there were 11 murders and one suicide.

²⁹⁶⁴ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁶⁵ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

414. 1855 -- Oct 27-28, White/Native Conflict, Puget Sound area, White River val., WA --10-11
 415. 1859 --~Oct 11, Massacre, Jarboe volunteers attack Yuki camp, Round Valley, CA -- 11
 416. 1871 -- Nov 5, Violence-Trampling, African Baptist Meeting-house, Louisville KY -- 11
 417. 1872 -- Apr 15, Shoot-out, U.S. Marshals & Cherokee, Indian Court House, OK -- 11
 418. 1886 -- May 3-4, Labor Haymarket Affair/Bombing/Riot/Massacre, Chicago, IL -- 11
 419. 1891 -- Mar 14, Racial Vio., Mob Kills Italian Prisoners, New Orleans LA -- 11
 420. 1891 -- Apr 02, Violence, Deputies Kill Strikers, Morewood Mine, Morewood, PA -- 11
 421. 1892 -- July 06, Violence, Strikers & Pinkertons, Carnegie Steel, Homestead, PA -- 11
 422. 1905 -- Feb 27, Floor Collapse, Fire Scare/Trampling, Church Serv., Brooklyn NY²⁹⁶⁶-- 11
 423. 1920 -- May 19, Matewan Massacre, coal miners/owners conflict, Mingo Co., WV --10-11
 424. 1941 -- Oct 17, Attack. USS *Kearny* Torpedoed by German Submarine, off Iceland²⁹⁶⁷-- 11
 425. 1973 -- Sep 29, Arson Fire, Tenement, Eleventh & Willow, Hoboken, NJ²⁹⁶⁸ -- 11
 426. 1975 -- Mar 30, Violence, mass murder, James Ruppert shoots relatives, Hamilton, OH--11
 427. 1979 -- Dec 3, WHO Concert Crushing/Trampling, Riverfront Colsm., Cincinnati OH-- 11
 428. 1981 -- Oct 24, Arson Fire, Apartment Bldg., 12th and Washington, Hoboken, NJ²⁹⁶⁹-- 11
 429. 1985 -- May 13, Gov. Vio., Police Bomb MOVE Group, Row House Fire, Philly PA²⁹⁷⁰--11
 430. 2002 -- Oct 13, Decomposed bodies of illegal aliens found in railcar, Denison, IA -- 11
 431. 2005 -- Jan 26, Train hits parked SUV; Derails; hits parked train, Glendale, CA²⁹⁷¹ -- 11

VIOLENCE – **Master Set** – **Deadliest American** -- **By MORTALITY** – **Cont.**

432. 1659 -- Sep 25-mid Oct, murder retaliation, Natives attack Wiltwyck (Kingston, NY)-- ~10
 433. 1675 -- Sep 02, Settlers killed in Native attack on Northfield, MA -- 8-10
 434. 1676 -- Aug 11, Massacre and captivity, Natives attack English settlers, Portland, ME--≥10
 435. 1689 -- Sep 26, Battle, Major Church force and Natives, near Falmouth (Portland), ME--10
 436. 1695 -- Aug 05, Massacre, Natives attack settlers, Billerica, MA -- 10
 437. 1774 -- Apr 30, Greathouse VA force murder Mingos, Yellow Creek/OH Riv., OH/WV²⁹⁷²~10
 438. 1850 -- May, Jicarilla Apaches/Utes Massacre US Mail wagon train, Wagon Mound, NM--10
 439. 1851 -- Jun 23-26, USA Maj. Kearny, other whites attack Natives, Table Rock, OR -- >10
 440. 1853 -- Fall, Natives Kill Chinese, west branch Feather River, Butte County, CA -- 10
 441. 1854 -- Aug 7-8, Voting Riots, Nativist “Know Nothings” vs. Irish, St. Louis, MO -- 10
 442. 1857 -- Jan-mid, White settlers attack Rogue River Natives, Rogue River valley, OR-- ~10
 443. 1859 -- July 28, Whites Massacre Natives near Forks of Butte, Butte County, CA -- ~10
 444. 1862 -- Oct 18, Unionist disappears, Union Col. executes Reb. prisoners, Palmyra, MO--10
 445. 1864 -- Apr 18, Rebels & Choctaws kill wounded/captured blacks, Poison Spring, AR- >10
 446. 1864 -- Aug 19, Rebels kill Fifth MI Cavalry soldiers after surrender ~Berryville, VA--≥10
 447. 1889 -- Dec 25, Racial Violence, Jesup, GA --6~10
 448. 1902 -- Apr 30, False-alarm fire panic, Harburger, Homan Cigar Factory, Philly, PA-- 8-10

²⁹⁶⁶ Cross-listed in Structural Failures.

²⁹⁶⁷ Cross-listed in Maritime. This was before Pearl Harbor and U.S. declarations of war.

²⁹⁶⁸ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁶⁹ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁷⁰ Cross-listed in Fire-Structural.

²⁹⁷¹ Cross-listed in Rail, and in Vehicular. The driver of the SUV was allegedly going to commit suicide via train collision, but got out prior to impact. Was sentenced to eleven life sentences for murder.

²⁹⁷² We note Ohio and West Virginia because while the murders occurred on today’s WV side, the natives lived across the Ohio River (in present-day Ohio) at a camp where Yellow Creek empties into the Ohio.

449.	1914 -- Sep 18, Sabotage, Train Derailment, Livingston, AL	--	10
450.	1916 -- Mass Killing, Archer Home for Elderly, Winsor, New Haven County, CT	--	10
451.	1916 -- Jul 22, Mass Murder, Preparedness Day Parade Bombing, San Francisco CA	--	10
452.	1917 -- Nov 24, Bomb Explosion, Central Police Station, Milwaukee, WI	--	10
453.	1935 -- Sep 29, Arson Fire, Tenement, Chicago, IL ²⁹⁷³	--	10
454.	1937 -- May 30, Unarmed Striking Steel Workers Shot by Police, Chicago, IL ²⁹⁷⁴	--	10
455.	1950 -- Apr 08, USN Privateer Patrol Bomber Shot Down by USSR, Baltic Area ²⁹⁷⁵	--	10
456.	1951 -- Nov 6, Attack, P2V-3W Downed, Soviet plane, Sea of Japan off Vladivostok	--	10
457.	1973 -- Jan 29, Arson Fire, Street's Sheltered Care Rest Home, Pleasantville, NJ ²⁹⁷⁶	--	10
458.	1974 -- Jan 15-Jan 19, 1991-- Rader serial murders, Wichita area, Sedgwick Co., KS	--	10
459.	1979 -- July 31, Arson Fire (smoke inhalation deaths), Holiday Inn, Cambridge, OH ²⁹⁷⁷	--	10
460.	1980 -- Oct 28, Arson Fire, Apartment Building, Chicago, IL ²⁹⁷⁸	--	10
461.	1984 -- Apr 15, Mass Murder, Christopher Thomas "Palm Sunday Massacre," NYC	--	10
462.	1984 -- May-Nov, Bobby Joe Long Serial Killings of women, Tampa Bay Area, FL	--	≥10
463.	1993 -- Feb 28, Shootout, Large ATF force attempts to serve David Koresh, Waco, TX ²⁹⁷⁹	--	10
464.	1993 -- May 3, Arson Fire, Apt./Tenement Bldg., Burlington Ave., Los Angeles, CA ²⁹⁸⁰	--	10
465.	2002 -- Oct 2-24, Terrorism, DC Beltway Sniper Killings, Washington DC Vicinity	--	10
466.	2004 -- Sep 12, Arson Fire, Lincoln Park West Apartments, Prairie Township, OH	--	10
467.	2005 -- Mar 21, 16-year-old killing spree, Red Lake HS & vic., Red Lake, MN	-- ²⁹⁸¹	9-10
468.	2009 -- Mar 10, Michael McLendon Shooting Spree, Geneva County, AL	--	10
469.	2015 -- Oct 1, Mass shooting, Umpqua Community College, Roseburg, OR ²⁹⁸²	--	9-10
470.	2017 -- July 23, Migrants die in hot semi trailer found in parking lot, San Antonio, TX	--	10

VIOLENCE – Master Set – Deadliest American – By MORTALITY – Cont.

Select Other Violence (fewer than ten lives lost)

1.	1637 -- Apr 23, Massacre, Wampanoag and Pequot attack Wethersfield, CT	--	9
2.	1815 -- Apr 6, Massacre, American Prisoners-of-War, Dartmoor Prison, England	--	7-9
3.	1861 -- Sep 23, Free-state Unionist Jayhawker guerrillas sack and burn Osceola, MO	--	9
4.	1919 -- Sep 9-11, Boston Police Strike, Martial Law, U.S. Cavalry Charge, MA	--	8-9
5.	1945 -- July 08, U.S. Army guard machine-guns sleeping German POWs, Salina, UT	--	9
6.	1982 -- Aug 20, Rampage shooting (8), mentally disturbed man (killed), Miami, FL ²⁹⁸³	--	9
7.	1989 -- Sep 14, Assault Rifle Workplace Mass Murder (8)/Suicide, Louisville, KY	--	9
8.	1991 -- Dec 28, Crushing, Nat Holman Gymnasium, City College, NY	--	9

²⁹⁷³ Cross-listed in Violence-Mass Murder.

²⁹⁷⁴ Cross-listed in Violence sub-sections Governmental Use of Force and Labor-Related.

²⁹⁷⁵ Cross-listed in Aviation.

²⁹⁷⁶ Cross-listed in Fire-Structural and in Violence subset-Arson.

²⁹⁷⁷ Cross-listed in Fire-Structural and in Violence subset-Arson.

²⁹⁷⁸ Cross-listed in Fire-Structural and in Violence subset-Arson.

²⁹⁷⁹ Four ATF agents/six Davidians. See 4-19-1993 on FBI/ATF attack, wherein 75 Davidians (25 children) died.

²⁹⁸⁰ Cross-listed in Fire-Structural and in Violence subset-Arson.

²⁹⁸¹ Killed were nine people -- shooter's grandfather and grandfather's girlfriend, a security guard at Red Lake High School, 5 high school students and one teacher, before 16-year-old high school student shooter committed suicide.

²⁹⁸² The shooter, 26-year-old Chris Harper Mercer, killed nine people, wounded seven, and died in police shootout.

²⁹⁸³ Cross-listed in Violence subsets of Mass Murder and Mass Murder-Mass Shootings.

9. 2005 -- May 21, Arson Fire, House during child's birthday sleepover, Cleveland, OH²⁹⁸⁴-- 9
10. 2010 -- Aug 3, Workplace shootings, worker kills 8 coworkers/self, Manchester, CT -- 9
11. 2015 -- May 17, Violence, Biker-Gangs/Police Shoot-Out at Twin Peaks restaurant, Waco, TX-- 9
12. 2015 -- June 17, Violence -- Mass Shooting, AME Church, Charleston, SC -- 9

VIOLENCE – **Master Set** – **Deadliest American** -- **By MORTALITY** – **Cont.**

13. 1856 -- Aug 30, Pro-slavery force attacks Osawatomie (John Brown), Miami Co., KS -- 5-8
14. 1912 -- June 10, Family and two girls Murdered in Sleep with Axe, Villisca, IA -- 8
15. 1916 -- Mar 5-6, Daniel Okane kills Family (7) and commits suicide, Lawton, OK -- 8
16. 1923 -- Jan 1-7, Rosewood Rioting, Whites attack Blacks, Rosewood, Levy Co., FL -- ≥8
17. 1929 -- Dec 25, C.D. Lawson kills wife, six children, suicide, Walnut Cove, NC -- 8
18. 1966 -- July 14, Richard Speck Mass Murder of Nurses, Dorm Room, Chicago, IL -- 8
19. 1971 -- June 14, “Dope Den” “Execution Style” Mass Murder, Detroit, MI -- 8
20. 1987 -- July 11-12, Man shoots wife, two children, his parents, in-laws, Federal Way, WA--8
21. 2017 -- Oct 31, Islamic Terrorist drives down bikers/pedestrians, Manhattan NYC, NY-- 8

22. 1876 -- July 08, Whites attack blacks (inc. Co. A, 9th Regiment SCNG) Hamburg, SC -- 7
23. 1886 -- May 05, Strikers/bystanders shot by Wisc. militia, Bay View, Milwaukee, WI -- 7
24. 1915 -- Mar 06, Monroe Phillips Shooting Rampage (kills 6, is shot) Brunswick, GA -- 7
25. 1916 -- July 30, Sabotage, Black Tom Munitions Depot, NY Bay, Jersey City, NJ -- 7
26. 1916 -- Nov 05, Labor Violence, IWW workers/local law enforcement, Everett, WA²⁹⁸⁵-- 7
27. 1929 -- Feb 14, St. Valentine's Day Massacre, Capone gang vs. Moran gang, Chicago, IL -- 7
28. 1976 -- July 12, California State University Fullerton Library Shooting Rampage -- 7
29. 1982 -- Sep 29, Tylenol Tampering (laced with cyanide) deaths start, Chicago, IL -- 7
30. 1999 -- Nov 02, Workplace Mass Murder Shootings, Xerox, Honolulu, HI²⁹⁸⁶ -- 7
31. 2006 -- Mar 26, Mass-shooting, rave afterparty, Capitol Hill community, Seattle, WA²⁹⁸⁷ -- 7
32. 2012 -- Apr 02, School Shootings, Oikos University, Oakland, CA²⁹⁸⁸ -- 7
33. 2012 -- Aug 05, Sikh Temple of Wisconsin Rampage Mass Shooting, Oak Creek, WI -- 7
34. 2014 -- May 23, Mass Murder, Univ. of California at Santa Barbara, Isla Vista, CA²⁹⁸⁹-- 7

35. 1886 -- Apr 09, Governmental Violence, Labor Riot, East St. Louis, IL -- 6
36. 1919 -- Nov 11, Violence, Armistice Day Parade, Amer. Legion/IWW, Centralia, WA-- 6
37. 1927 -- Nov 21, Colorado Rangers shoot striking miners, Columbine Mine, Serene, CO-- 6
38. 1932 -- Nov 24, Violence Julian Marcelino Rampage with knives, Seattle, WA -- 6
39. 1980 -- Sep 20, ex-wife & family killed by ex-husband's booby-trap bomb, Olathe, KS-- 6
40. 1982 -- July 02, Wife, children, mother-in-law shot (5), suicide, Thompson Falls, MT -- 6
41. 1989 -- Jan 17, School Shooting, Cleveland Elementary School, Stockton, CA --²⁹⁹⁰5-6

²⁹⁸⁴ Cross-listed in Fire-Structural.

²⁹⁸⁵ Cross-listed in Violence subsets Governmental Use of Force and Labor-Related.

²⁹⁸⁶ Cross-listed in Violence subsets Mass Murder and Mass Shootings.

²⁹⁸⁷ The shooter murdered six people aged 14, 15, 21, 22, 26 and 32. Committed suicide when police arrived.

²⁹⁸⁸ Cross-listed in two Violence subsets – Rampage Shootings, and School Shootings.

²⁹⁸⁹ Six students were shot or stabbed to death before the killer shot himself in the head.

²⁹⁹⁰ Five children, ages 6-9, before gunman killed himself. The question for some is does one count the murderer as a victim of this tragedy as well? The one person range in the sources reflect this question, with the exception of a source which incorrectly notes the death of one teacher (one teacher was injured.)

42. 1991 -- Nov 01, Gang Lu Killing Spree, University of Iowa, Iowa City, IA --²⁹⁹¹ 5-6
 43. 1992 -- July 7, Arson Fire set by mother kills six of her children, Baltimore, MD²⁹⁹² -- 6
 44. 1993 -- Feb 26, World Trade Center Terrorism Bombing -- 6
 45. 1993 -- Feb 27, Arson Fire & Mass Murder, Apartment Building, Providence, RI²⁹⁹³ -- 6
 46. 1996 -- Feb 9, Fired city worker shoots five former coworkers, self, Fort Lauderdale, FL--5-6
 47. 2006 -- Oct 2, West Nickel Mines School (Amish) Shooting, Lancaster County, PA --²⁹⁹⁴5-6
 48. 2008 -- Feb 14, Classroom Killings, Northern Illinois University, DeKalb, IL --²⁹⁹⁵5-6
 49. 2016 -- Feb 20, Violence, Uber driver random mass shootings, Kalamazoo, MI -- 6

VIOLENCE – Master Set – Deadliest American – By MORTALITY – Cont.

50. 1597 -- Natives Massacre St. Francis Missionaries, Guale (St. Catherine Island), GA -- 5
 51. 1856 -- May 24/25, John Brown men kill pro-slavery men ~Pottawatomie Creek, Franklin Co., KS-- 5
 52. 1858 -- May 19, Marias des Cygnes Massacre, pro-slavery force raid, Trading Post, KS-- 5
 53. 1894 -- May 24, Labor Battle, Washington Coal and Coke Co, Sickie Hollow, PA -- 5
 54. 1933 -- June 17, Shooting murder of four law officers plus prisoner, Kansas City, MO-- 5
 55. 1998 -- March 24, Westside Middle School Shootings, Jonesboro, AR -- 5
 56. 2001 -- Sep 18-Nov 21, Terrorism, Anthrax Letters, DC FL GA MD NJ NY VA -- 5

 57. 1918 -- Sep 04, Bomb Explosion Federal Building, Chicago, IL -- 4
 58. 1970 -- May 04, Kent State Demonstration and Ohio National Guard Shootings, OH -- 4
 59. 1975 -- Jan 24, Fraunces Tavern FALN Terrorist Bomb, NYC, -- 4
 60. 2013 -- Apr 15, Terrorism, Boston Marathon Bombs, MIT officer killed Apr 19, MA -- 4

 61. 1974 -- Aug 06, Bombing, LA Int. Airport, near Pan AM Overseas Check-in, CA -- 3
 62. 1978-1995 -- Unabomber Mail Bombings & Terrorism -- 3
 63. 1992 -- Aug 21-22, Violence, Gov. use of force, U.S. Marshals/FBI, Ruby Ridge, ID -- 3

 64. 1932 -- July 28, US Military Moves on “Bonus Expeditionary Force” Vets, DC -- 2
 65. 1950 -- Nov 1, Puerto Rican Nationalists try to assassinate President Truman, Blair House, DC-- 2
 66. 1993 -- Jan 25, CIA HQ Shootings, Mir Aimal Kanshi, Langley VA -- 2

 67. 1997 -- Feb 23, Middle East Terrorism, Shooting, Empire State Building, NYC, NY -- 1
 68. 1998 -- Jan 29, Abortion Clinic Bombing, (Eric Rudolph), Birmingham, AL -- 1

 69. 1954 -- Mar 1, Puerto Rican Nationalists shoot 5, floor of US House of Representatives-- 0

²⁹⁹¹ Four University of Iowa faculty and one student killed before gunman commits suicide.

²⁹⁹² Cross-listed in Fire.

²⁹⁹³ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

²⁹⁹⁴ Ten girls aged 6-13 shot, five of whom died, before killer committed suicide in the schoolhouse.

²⁹⁹⁵ Five student victims and the gunman suicide.

VIOLENCE – Master Set – Deadliest American -- CHRONOLOGICAL

1. 1539 --~Sep 16, Napituca Massacre, Hernando de Soto executes Timucuan, No. Cen. FL-30-200
2. 1540 -- Oct 18, Spanish (de Soto) battle/massacre, with Atahachi, Mabila, AL --2,500-6,000
3. 1541 -- ~Mar 10, Hernando de Soto forces & “Chicasa” battle and “slaughter,” MS²⁹⁹⁶ -- >20
4. 1541/42 Winter, Coronado’s Expeditionaries burn-at-the-stake Tiwa Natives, NM²⁹⁹⁷ --40-50
5. 1542 --~Mid-May, Massacre, de Soto’s men attack Natives in Nilco province town, AR--~100
6. 1565 --Sep 20, Massacre, Spanish troops kill male French colonists, Ft. Caroline FL²⁹⁹⁸ ~140
7. 1597 -- Natives Massacre St. Francis Missionaries, Guale (St. Catherine Island), GA -- 5
8. 1598 -- Dec 4, Pueblo Natives kill Juan de Zaldivar & soldiers seeking corn flour, W NM -13
9. 1599 -- Jan 21, Spanish (Oñate) Massacre Acoma Natives, punitive expedition, NM -300-800

10. 1616 -- George Yeardley, Dep. Governor of Virginia Colony, Attacks Chickahominy --12-40
11. 1622 -- Mar 22, Jamestown Massacre, Natives Attack, Jamestown Colony, VA -- 347
12. 1623 -- May 12, Cpt. Tucker VA party poison/kill Powhatans, Patawomeck, VA --150-200
13. 1632 -- Nov, Massacre at Fort Zwaanendael (Lewes), first Dutch Del. Colony -- 32
14. 1637 -- Apr 23, Massacre, Wampanoag and Pequot attack Wethersfield, CT -- 9
15. 1637 -- May 26, Mystic Massacre, Eng. Colonists Attack Pequot Vil., Mystic River CT-- 700
16. 1637 -- Massacre of Lenni-Lenape at Pavonia (near present day Jersey City, NJ) -- 80
17. 1640 -- Spanish hang Natives who will not renounce their faith, present day NM -- 40
18. 1643 -- Feb 25, New Amsterdam Dutch massacre Natives, Pavonia [NJ]²⁹⁹⁹ --80-120
19. 1643 -- Aug, Massacre, Anne Hutchinson’s settlement by Siwanoy on Pelham Bay, NY-- 16
20. 1643 -- Fall, Dutch/English force assisted by Stamford, CT settlers attack Natives, CT--18-20
21. 1644 -- Early (Jan?), Massacre, Dutch and English attack Mespath (Long Island, NY) -- 120
22. 1644 -- Feb, Massacre, Dutch attack Siwanoy, Petuquapaen, ~Cos Cob, CT³⁰⁰⁰ --500-700
23. 1644 -- Apr 18, Native Massacre of English Colonists along James River, VA --300-400
24. 1655 -- Mar 20, Battle of Severn, Catholics attack Puritans, Horn Pt., Annapolis, MD³⁰⁰¹-- 19
25. 1655 -- Sep 15-18,³⁰⁰² Natives attack Dutch in New Netherland (NY and NJ) --16-100
26. 1657 -- Navajo attack Jemez Pueblo, Jémez Province, NM -- 19
27. 1659 -- Sep 25-mid Oct, murder retaliation, Natives attack Wiltwyck (Kingston, NY) -- ~10
28. 1663 -- Jun 7, Massacre, Natives attack Dutch at Wiltwyck (Kingston, NY) and vic. --22-24
29. 1669 -- June, Apache attack Acoma Pueblo, NM -- 12

²⁹⁹⁶ No estimate at all is made of the Natives killed, thus we have conjectured the number “more than 20,” as a very conservative, we think, estimate of the number of Natives killed. We know from Duncan’s account (*Hernando de Sota*, 1995) that the “Chicasa” attacked with a force of over three hundred about seven days earlier. Duncan, pulling from the accounts of the expedition afterwards, notes that there was a rout and a “pent-up rage” slaughter. It was usual for this particular force to kill all they could kill when in battle. There must have been a Native force again of something in the neighborhood of 300. We suspect that dozens, if not many dozens, were killed.

²⁹⁹⁷ Refers to those burned at the stake, not to the Natives killed in fighting, or killed after surrender by “lancing.”

²⁹⁹⁸ Today’s Jacksonville.

²⁹⁹⁹ Giersbach writes that the attack site was today’s Corlaer’s Hook, Jersey City. *Wikipedia* has it that Pavonia was “on the west bank of the North River (Hudson River)...in what would become today’s Hudson County, New Jersey.” (*Wikipedia*. “Pavonia, New Netherland,” 11-11-2012 modification.)

³⁰⁰⁰ In dispute – some place the massacre in Westchester County, NY (Dinan. “Historians Sift Clues...” *Greenwich Time*, 3-5-2006.)

³⁰⁰¹ Cross-listed in Violence subsets of “Battles” and “Religious Violence.”

³⁰⁰² These are the dates for the initial Native attacks and colonial deaths. There were additional deaths on both sides in retaliatory Dutch attacks.

VIOLENCE – Master Set – Deadliest American – CHRONOLOGICAL Cont.

30. 1675 -- ~June 23-25, King Philips War begins, Wampanoags attack Swansea, MA -- 9-12
31. 1675 -- July or Sep, VA Militiamen looking for Doeg Natives Kill Susquehannocks, VA-- 14
32. 1675 -- Sep 02, Settlers killed in Native attack on Northfield, MA -- 8-10
33. 1675--Sep 18-19,³⁰⁰³ Bloody Brook Massacre, Natives attack wagon train, S. Deerfield, MA-59-76
34. 1675 -- Sep late, Natives attack settlers, relief force ambushed, Scarborough vic., ME --23-24
35. 1675 -- Dec 16, Massacre, Natives attack J. Bull Garrison, Pettaquamscutt (Kingston), RI- 15
36. 1675 -- Dec 19, English Colonists Massacre Narragansetts, Great Swamp, RI --365-1,100

37. 1676 -- Feb 10, Massacre, Nipmuc Natives attack Lancaster, MA --34-35
38. 1676 -- Feb 21, Massacre, Nipmuc and Narragansett Natives attack Medfield, MA --17-18
39. 1676 -- Mar 12, Massacre, Natives Attack Clark House, Eel River, ~Plymouth, MA --11-12
40. 1676 -- Apr 18, Massacre, Natives attack settlers at Sudbury, MA -- 7-12
41. 1676 -- May 19, Eng. Colonists massacre Peskeomskut Natives, Turners Falls, MA --200-300
42. 1676 -- Jun 12, Mohawks massacre Native camp whose men were attacking Hadley, MA--50
43. 1676 -- Jul 02, Massacre, Eng. Colonists attack Narragansett camp ~Providence, RI--100-126
44. 1676 -- Sep 25, Massacre, Natives destroy settlement at Cape Neddock, ME -- 40
45. 1676 -- Aug 11, Massacre and captivity, Natives attack English settlers, Portland, ME-- ≥10
46. 1676 -- Aug 13-14, Massacre, Natives attack settlers, Kennebec River & Arrowsic, ME--≥14

47. 1677 -- Leaders of Bacon's Rebellion are Hanged in VA --22-23
48. 1677 -- June 29, Natives attack party of 90 settlers near Black Point, ME -- 60
49. 1677 -- Sep 19, Massacre, Pocumtuck Natives attack English colonists, Hatfield, MA--12-15

50. 1689 -- Jun 27, Massacre, Penacooks attack English colonists, Cochecho (Dover) NH -- 23
51. 1689 -- Aug 28, Massacre, Natives attack settlers from Huckin's garrison, NH --21-22
52. 1689 -- Sep 26, Battle, Major Church force and Natives, near Falmouth (Portland), ME -- 10

53. 1690 -- March 18, Massacre, French & Indians attack settlers, Salmon Falls, NH -- 30
54. 1690 -- May 20, Massacre, French/Indians attack settlers, Falmouth (Portland), ME--120-200
55. 1690 -- ~Sep 15, Massacre, English attack native village, NW of Brunswick, ME -- 21
56. 1691 -- Sep 29, Massacre, Indians attack English settlers, Sandy Beach (now Rye), NH-- 13
57. 1692 -- Jan 25, Massacre, French and Indians attack English colony, York, ME ---50-75
58. 1694 -- Jul 18, Massacre, Abenaki attack settlers, Oyster River Plantation, Durham NH -- 15
59. 1694 -- July 27, Massacre, Natives attack settlers, Groton, MA --20-22
60. 1695 -- Aug 05, Massacre, Natives attack settlers, Billerica, MA -- 10
61. 1696 -- June 26, Massacre, Natives attack English settlers, Portsmouth Plains, NH -- 14
62. 1697 -- Mar 15, Massacre; Natives attack English settlers, Haverhill, MA -- ~40
63. 1697 -- Sep 11, Massacre, Natives attack Lancaster, MA --21-26

64. 1703 -- Aug 10, French & Indians attack So. coastal ME, esp. greater Portland vic. -- ≥61
65. 1703 -- Oct 6, Massacre, Eng. settlers/militia attacked while farming, Scarborough, ME-- 19
66. 1704 -- Feb 29, Massacre, French and Native allies attack Deerfield, MA³⁰⁰⁴ -- 68

³⁰⁰³ Both dates are used, apparently depending on whether old style or new style dating is applied.

67. 1704 -- May 13, Massacre, Natives attack settlers, Pascommuck (Easthampton) MA -- 19
 68. 1708 -- Aug 29, Raid/Massacre, French and Indians attack settlers, Haverhill, MA --16-19

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

69. 1711 -- Sep 22, Tuscarora Massacre of White Settlers, Bath County, NC -->130-140
 70. 1712 -- Jan 28, NC/SC Militia, Indian allies retaliate against Tuscaroras, Craven Co. NC-300
 71. 1712 -- Apr 06, Violence, Fear of Insurrection of Blacks, Executions, NY, NY -- 21
 72. 1724 -- Aug 23, Massacre, colonial militia attack Abenaki village, Norridgewock, ME~80-100
 73. 1729 -- Nov 28, Ft. Rosalie Massacre, French Colonists by Natives, Natchez MS --200-300
 74. 1741 -- Mar, Alleged Slave Uprising, Blacks Burned and Hanged, NYC, NY --33-52
 75. 1745 -- Russian traders massacre Unangan (Aleut) Women and Children, Attu, AK -- 15
 76. 1745 -- Nov 16, Schuylerville Massacre, French Raiders & Indians, near Saratoga NY -- 30
 77. 1755 -- Oct 16-17, Violence/massacre, Natives attack German settlers, Penn's Creek, PA ≥13
 78. 1755 -- Oct 31--Nov 2, Delawares/Shawnees attack settlers, Fulton/Franklin Cty, PA -- ≥11
 79. 1755 -- Nov 14-15, Delaware Natives attack German settlers, Berks County, PA --9-~15
 80. 1757 -- Aug, Natives Massacre garrison after surrender, Fort William Henry, NY -- ~184
 81. 1758 -- Apr 28, Massacre of Settlers by Shawnee, Fort Sybert/Seybert, WV -- >40
 82. 1760 -- Feb, Massacre, Cherokee hostages by colonial soldiers, Fort Prince George, SC-- 22
 83. 1763 -- Unangan/Eastern Aleut conflict with Russians, Unalaska/Umnak/Unimak Isl., AK>375
 84. 1763 -- Wyoming Flats (Luzerne County, PA) Massacre of Settlers -- ~ 20
 85. 1763 -- May 25, St. Joseph's Post Massacre, Mouth of St. Joseph's River, MI -- 11
 86. 1763 -- Jun 02, Massacre, Fort Michilimackinac, MI, Ojibwas and Sacs Attack -- 22
 87. 1763 -- Dec 14 & 27, Massacres, *Paxton Boys* kill Natives, Conestoga & Lancaster, PA -- 20
 88. 1764 -- July 26, Massacre, Indians attack one-room Schoolhouse, ~Greencastle, PA -- 11
 89. 1771 -- May 16, "Regulators" Uprising, NC -- 300
 90. 1774 -- Apr 30, Greathouse VA force murder Mingos, Yellow Creek/OH Riv., OH/WV³⁰⁰⁵~10
 91. 1778 -- May 30, Violence, Loyalists and Indians attack Cobus Kill Settlement, NY -- ~52
 92. 1778 -- Nov 11, Massacre, women/children, Loyalist/Seneca Force, Cherry Valley NY-- 48
 93. 1779 --Feb 14, boat theft, hostage-taking attempt, violence, Cpt. James Cook/Hawaiians-- 22
 94. 1780 -- May 26, Violence, Massacre of settlers near St. Louis, MO -- ~20
 95. 1782 -- Mar 8, Massacre of noncombatant Indians by PA militia, Gnadenhutten, OH -- 96
 96. 1784 -- Russian fur traders massacre Sugpiaq Natives, Kodiak Island, AK -->200
 97. 1790 -- Jan late, Olowalu Massacre, Cpt. Metcalfe, *Eleanora*, fires on Native canoes, Maui >100
 98. 1791 -- Jan 2, Violence-Massacre, Delaware & Wyandot kill Big Bottom settlers, OH -- 12

³⁰⁰⁴ Though death tolls vary, we rely on Demos and Sheldon. Includes 39 in attack, 9 in pursuit party, 20 captives.

³⁰⁰⁵ We note Ohio and West Virginia because while the murders occurred on today's WV side, the natives lived across the Ohio River (in present-day Ohio) at a camp where Yellow Creek empties into the Ohio.

99. 1800 -- Feb 01, U.S. Frigate *Constellation* engagement with French *La Vengeance*³⁰⁰⁶ -- 160
 100. 1800 -- Aug 30, Gabriel's Rebellion/Slave Uprising/Mass Hanging, Rich., VA -- 35
 101. 1802 -- June, Tlingits attack Russians/Aleut workers, Fort Archangel St. Michael, AK ≤150
 102. 1803 -- March, Massacre, Crew of American ship *Boston*, Nootka, Vancouver Isl.³⁰⁰⁷ -- 25

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

103. 1811 -- Jan, Deslondes Slave Rebellion and Retaliation, German Coast, LA -- 101
 104. 1812 -- Aug 15, Pottawatomie Massacre of Soldiers/Homesteaders, Fort Dearborn, IL--~98
 105. 1812 -- Sep 4-5, Massacre of Settlers, by Shawnee, Pigeon Roost Settlement, IN -- 23
 106. 1813 -- Aug 30, Creeks Massacre militia/settlers, Fort Mims, Baldwin Co., AL --250-517
 107. 1813 -- Sep 01, Creek Massacre of two families in Clarke County, AL -- 12
 108. 1813 -- Nov 3, Tallushatchee Battle /Massacre, Gen. Coffee destroys Creek Vil., AL-- 300
 109. 1813 -- Nov 18, Hillabee Massacre, US Troops attack Creek Vil. suing for peace, AL-- 61
 1815 -- Apr 6, Massacre, American Prisoners-of-War, Dartmoor Prison, England -- 7- 9
 110. 1828 -- Jedediah Smith Massacre by Natives, near Gardiner, OR -- 15
 111. 1831 -- Aug 21-23, Nat Turner Slave Revolt/Massacre of Whites, Southampton Co., VA-55-65
 112. 1831 -- Aug 23-31, White response to Turner revolt, Blacks killed without trial, VA/NC ~32~54
 113. 1832 -- July ~12, Battle of Pierre's Hole, fur-trappers, natives on both sides, ID -- 13
 114. 1832 -- Aug 02, Battle Island Massacre/Massacre of Bad Axe, Natives attacked, WI-- < 60
 115. 1833 -- Early Sum., Cutthroat Gap Massacre, Osage attack Kiowa, ~Saddle Mt., OK--~150
 116. 1836 -- Feb 23-March 6, Fall of the Alamo, Texans Revolt from Mexico -- 257
 117. 1836 -- Mar 27, Mexican Pres. Santa Anna orders execution of prisoners, Goliad, TX-- 342
 118. 1837 -- Spring, Santa Rita/John Johnson Massacre, Apache Trading Party, SW NM -- 20
 119. 1838 -- May-March 1839, Cherokee Relocation, NE AL/NW GA/SE TN/NW NC to OK³⁰⁰⁸ ~4,000
 120. 1838 -- Oct 8, Massacre of Surveying Party near Dawson, Navarro County TX -- 18
 121. 1838 -- Oct 30, Haun's Mill (Mormon) Massacre, Caldwell County, MO -- 18
 122. 1840 -- March 19, Council House Fight, peace party Comanches (35), San Antonio, TX-42
 123. 1840 -- Aug 6-7, Council House Retaliation; Comanches raid Victoria & vicinity, TX-15-23
 124. 1840 -- Aug 6, Council House Retaliation; Comanches take Victoria, Repub. of TX --12-15
 125. 1840 -- Aug 12, Battle, TX militia catch-up with Comanche raiders; attack ~Plum Creek TX-25-40
 126. 1840 -- Oct 24, TX volunteers ambush Comanche camp, Red Fork Col. River, TX-110-140
 127. 1844 -- May 6-8, Riots, Protestant Nativists and Catholic Irish, Philadelphia, PA -- 14
 128. 1844 -- July 6-8, Anti Irish-Catholic Nativist Riot/Military Response, Philly, PA --15-50
 129. 1846 --Mid Apr, Sacramento River Massacre, Carson/Fremont attack Natives, N. CA->175
 130. 1847 -- Jan 19-20 Mexican/Pueblo Revolt, against U.S. NM occupation, Taos vic. -16-≥19

³⁰⁰⁶ Cross-listed in Maritime

³⁰⁰⁷ Coss-listed in Violence – Massacres of Whites by Natives.

³⁰⁰⁸ Also referred to as Cherokee Trail of Tears as well as a “forced-march” relocation. Geographic area of coverage comes from sources in Narrative document and map in Thornton (1990) from Morris, Goins and McReynolds ([1965] 1986:20), entitled “The Trail of Tears.” Shows two Cherokee relocation routes from area encompassing north/northwest GA, southwest NC, southeast TN and northeast AL. One route is northwest through TN into KY, westward to southern IL, then down into southeastern MO, into northern Ark. and then westward into OK. Second route was westward through TN and AR to OK.

- 131. 1847 -- Nov 29, Whitman Massacre, Missionaries, by Natives, near Walla-Walla WA-- 15
- 132. 1848 -- Violence, Vigilante Riot, Jailhouse, Cincinnati, OH -- 11
- 133. 1849 -- Mar Ore. miners kill Maidu, American River, Weber's Creek, Coloma, CA-- >22
- 134. 1849 --Apr 26~ Whites massacre Natives Daylor mine & ranch, Cosumnes Riv. area, No. CA->17
- 135. 1849 -- May 10, Astor Place Opera House Riot & Government Response, NYC --16-30

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

- 136. 1850 -- "Friendship Feast," Whites poison Trinity Riv. Wintu Natives, Shasta Co., CA-145
- 137. 1850 -- Sweathouse Massacre, Sonoma County Whites kill Natives, Napa County, CA-- 11
- 138. 1850--Feb 25, Smith/Kelsey massacre Natives, Henry Fowler ranch, no. Napa Vly., CA>13
- 139. 1850 -- Apr 03, Sioux Massacre Chippewa men, women, children, Apple River, WI-- 14
- 140. 1850 -- Apr 21, Quechan/Yuma Natives Massacre Glanton Gang, Winterhaven, CA -- 11
- 141. 1850--May, Jicarilla Apaches/Utes Massacre US Mail wagon train, Wagon Mound, NM-10
- 142. 1850 -- May 15, Bloody Island Massacre, USA Attack Pomo, Clear Lake, CA --60-200
- 143. 1850 -- May 19, Russian River Massacre, US Army attacks Pomo, ~Healdsburg, CA-- >75

- 144. 1851 -- Massacre, White Miners Burn Wintu Council House, Old Shasta, CA -- 300
- 145. 1851 -- Jan, Four Creeks Massacre, Natives attack cattle herders, present-day Bakersfield, CA-13
- 146. 1851 -- Jan, early, Rattlesnake Creek Massacre [?], Natives attack white miners, CA-- 72
- 147. 1851 --Jan 11, Whites attack Natives, Mt. ~No. Fork, San Joaquin Ri., Mariposa Co., CA-23-50
- 148. 1851 -- Jun, Battle Rock battle, Pacific Mail men kill natives with cannon, Port Orford, OR-13-30
- 149. 1851 -- Jun 17, Maj. Kearny, USA Dragoons, attacks Natives, Rogue Ri. Vly., OR--~12-22
- 150. 1851 -- Jun 23-26, USA Maj. Kearny, other whites attack Natives, Table Rock, OR -- >10
- 151. 1851 -- Nov 22, Col. Casey (USA), attacks Coquille, south fork Coquille River, OR--5~15

- 152. 1852 -- Mar 12, Massacre of Natives, upper crossing Klamath Ri. ferry & Indian Flat, CA-30-40
- 153. 1852 -- Apr 23, Bridge Gulch Massacre, Whites attack Natives ~Hayfork, No. CA-140-153
- 154. 1852 -- July 03~, Harvey party attacks Yokut village, Kings River rancheria, CA --9~30
- 155. 1852 -- Jul 17, Whites attack Rogue River Natives, Big Bar, near Table Rock, OR -- 4-20
- 156. 1852 -- Sum., Capt Crosby Force Massacre Modocs, Tule Lake reg., CA/OR Border-11-15
- 157. 1852 -- Sep, Bloody Point Massacre, Modocs attack wagon train, Tule Lake, North CA--62
- 158. 1852 -- Nov, Ben Wright Massacre of Modocs, peace talks, Lost Ri., Tule Lake, CA-30-41

- 159. 1853--Burnt Ranch Massacre, Settlers kill Tolowa, Yontocket, Smith Ri., No. CA-450-600
- 160. 1853 -- Pence party attacks Native American camp ~Messilla Valley, Butte Co., CA-- 27
- 161. 1853 -- Mar 1, Cattle theft reported, Whites attack Natives in cave near Oak Grove, CA-13
- 162. 1853 -- Aug 24, Lane attacks Rogue River Natives ~Evans Creek ~Table Rock, OR --13-19
- 163. 1853 -- Fall, Natives Kill Chinese, west branch Feather River, Butte County, CA -- 10
- 164. 1853 -- Fall, White/Chinese retaliatory attack re. Natives, Feather Ri., Butte Co., CA-40-60

- 165. 1854 -- Jan 29, Coos Co. whites massacre Coquilles, Whiskey Run, no. of Coquille Ri., OR-16
- 166. 1854 -- Feb 15, Miller group massacres Chetco River Natives ~river mouth, SW OR-- ~26
- 167. 1854 -- May 15~, Asbill party kill Yuki Natives, Round Valley, Mendocino Co., CA-32--~40
- 168. 1854 -- Apr 25, Arson, Jennings Building (all firemen), Broadway, NY, NY³⁰⁰⁹ -- 11

³⁰⁰⁹ Cross-listed in Fires-Structural.

169. 1854 -- Aug 7-8, Voting Riots, Nativist “Know Nothings” vs. Irish, St. Louis, MO -- 10
 170. 1854 -- Aug 20, Ward Massacre, Natives attack wagon train, Boise River ~Caldwell ID- 19

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

171. 1855 -- Jan 1, Settlers Massacre Tolowa, Etchulet (Achulet), ~Lake Earl, No. CA--30->100
 172. 1855 -- Apr 02, “Know-Nothings” vs. “Over the Rhine” Riot, Cincinnati, OH --10-12
 173. 1855 -- Aug 6, Vote day Know-Nothing anti-German/Irish/Catholic riot, Louisville, KY-22
 174. 1855 -- Sep, “Cpt.” Jarboe force Massacres Achomawi Natives, Pit River village, CA-->70
 175. 1855 -- Oct 08, Lupton Massacre, Whites attack Natives ~Upper Table Rock, OR --23-41
 176. 1855 -- Oct 9, Indians retaliate & attack settlers, upper Rogue River Valley, OR --12-15
 177. 1855 -- Oct 27-28, White/Native Conflict, Puget Sound area, White River val., WA --10-11
178. 1856 -- Feb 22/23, Natives attack garrison & settlers, Rogue River, Whaleshead, OR-- 31
 179. 1856 -- Apr/May 13, Whites attack Natives, near Visalia, Keyesville & Battle Mt., CA-->40
 180. 1856 -- Apr 15, Locals and Americans fight, leads to Riot, Panama City, Panama --16-20
 1856 --May 24/25, John Brown men kill pro-slavery men ~Pottawatomie Creek, Franklin Co., KS-5
 181. 1856 -- Jun 2-3 USA Cpt. Augur & Vols. Attack Natives, Painted Rock Rogue Ri., OR>21
 182. 1856 -- Aug 30, Pro-slavery force attacks Osawatomie (John Brown), Miami Co., KS-- 5-8
183. 1857 -- Jan-mid, White settlers attack Rogue River Natives, Rogue River valley, OR-- ~10
 184. 1857 -- Mar 8-9, Massacre, Wahpetuke Dakota (Sioux) attack Spirit Lake IA --35-40
 185. 1857 -- Sep 03, Massacre, Col Harney Attacks Sioux Camp, Bluewater Creek, NE -- 150
 186. 1857--Sep 11, Mt. Meadows Massacre, Mormons/Paiutes attack Wagon Train, UT-120-140
187. 1858 -- Early May, Killing of Yana Natives near Battle Creek, Tehama Co, No. CA -- 15
 1858 -- May 19, Marias des Cygnes Massacre, pro-slavery force raid, Trading Post, KS-- 5
 188. 1858 -- Early-mid Jun, Whites attack Mattole Natives, Mattole Villy., Humboldt Co.--15-20
 189. 1858 -- Dec 31, Whites kill Natives ~Eden Valley, Russian Riv. area, Sonoma Co., CA--14
190. 1859 -- Jan 01, Whites kill Natives, Round Valley, Mendocino County, CA -- 40
 191. 1859--Late Mar-mid Apr, Whites kill Natives, Round Valley, Mendocino Co., CA-300-400
 192. 1859 -- May, Whites Massacre Yuki Natives, Round Valley, Mendocino County, CA-- 240
 193. 1859 -- ~July, Hildreth militia massacres Natives, Round Valley vicinity, No. CA -- 17
 194. 1859 -- July, last week, Breckenridge militia attack Natives, Tehama Co., No. CA --10-16
 195. 1859 -- July 28, Whites Massacre Natives near Forks of Butte, Butte County, CA -- ~10
 196. 1859 -- Summer, Chico Creek Canyon Massacre, Whites attack Maidu Natives, N. CA--~40
 197. 1859 ~Late Aug,³⁰¹⁰ McElroy party massacres Natives Roff’s Ranch, Pitt Riv. vic., CA≥49
 198. 1859 --~Oct 11, Massacre, Jarboe volunteers attack Yuki camp, Round Valley, CA -- 11
 199. 1859 -- Oct 16-18, John Brown Insurrection, Harper’s Ferry, VA -- 20
 200. 1859 -- ~Nov 24, Jarboe’s Eel River Rangers attack Natives, Round Valley vic., CA-- ≥27
 201. 1859 -- Dec 19, Whites attack Natives, Round Valley, Mendocino County, CA --20-32
202. 1860 -- Whites attack Yuki Natives near Round Valley, Mendocino County, CA -- 250
 203. 1860 -- Feb 26, Whites Massacre Natives, Indian Isl. & Humboldt Bay vic., CA->100->250

³⁰¹⁰ Date is uncertain. We have it as late August based on Cpt. Adams report of the incident dated Sep 3, Ft. Crook.

204. 1860 -- Fall, Snake River Massacre, Immigrant Wagon Train attacked, pursued, OR-- 39

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

205. 1861 --Feb 2, Settlers kill Natives, Eel Riv. above Sonoma Trail, Iaqua vicinity, CA-13-39
206. 1861 -- Apr 19, Secession Mob Attacks 6th MA & 7th PA Regiments, Baltimore -- 16
207. 1861 --May 10, Camp Jackson Affair, Union German unit kills Civilians, St Louis, MO≥28
1861 -- Sep 23, Free-state Unionist Jayhawker guerrillas sack and burn Osceola, MO-- 9
208. 1861--Late Sep, Horse Canyon Massacre, Whites/Natives attack Wailaki, Round Val. CA-100-240

209. 1862 --Aug, Massacre of Wailaki Natives, Upper Station, Round Valley Resvsn., CA-23-24
210. 1862--Aug 10, Rebel cav. attacks fleeing Germans, Nueces River, Kenney Co., TX³⁰¹¹9-28
211. 1862 -- Aug 17-Sep, Violence, Sioux “Insurrection,” Litchfield, elsewhere, MN --300-650
212. 1862 -- Oct 18, Unionist disappears, Union Col. executes Reb. prisoners, Palmyra, MO--10
213. 1862 -- Oct 24, Massacre of Tonkawa by pro-Union Natives near Anadarko, OK --136-150

214. 1863 -- ~Jan 18, Shelton Laurel Massacre, Rebels murder Unionists, Madison Co., NC-- 13
215. 1863 -- Jan 29, Massacre, Shoshoni Village attacked, Bear River, Utah Territory -- 384
216. 1863 -- Apr 11, Chilula Massacre by Hoopa/Chilulas ~Stone Lagoon, Humboldt Co., CA~30
217. 1863 -- Apr 19, Keysville Massacre, US Army attacks Natives, near Keysville, CA -- 35
218. 1863 -- July 13-17, Anti-Draft and Racial Riots, New York City, NY --105~120
219. 1863 -- Aug 4, Massacre, Confederates kill captured Union black soldiers, Jackson, LA--23
220. 1863 -- Aug 21, Atrocity/War Crime, Quantrell’s Raiders, Lawrence, KS -- 191
221. 1863 -- Sep 3, Massacre, Army attacks Dakota/Lakota Sioux, Whitestone Hill ND-150-300
222. 1863 -- Sep 4-18, Nome Cult Trail of Tears, Concow Maidu, Chico to Round Valley, CA~32

223. 1864 -- Feb 20, Atrocity, Confederates kill wounded black US soldiers, Olustee, FL --25-75
224. 1864 -- Apr 12/13, Massacre, Confederates kill captives, esp. Black, Fort Pillow, TN--~300
225. 1864 -- Apr 18, Rebels & Choctaws kill wounded/captured blacks, Poison Spring, AR- >10
226. 1864 -- Apr 20-22, Rebels kill black soldiers, runaway slaves, others, Plymouth, NC-300-400
227. 1864--Apr 25, Rebels murder runaway slaves with Union force, Marks’ Mills, AR-100-150
228. 1864 -- Apr 30, Captured and/or wounded soldiers killed, Battle of Jenkins’ Ferry, AR-≥20
229. 1864 -- Jun 10, Confederates kill captured black soldiers, Battle of Brice’s Cross Roads, MS-->20
230. 1864 -- July 28-29, US Army attacks Dakota Sioux, Killdeer Mountain, ND Territory~100
231. 1864 -- July 30, Rebels kill wounded/surrendered/trapped black soldiers, Petersburg, VA--~500
232. 1864 -- Aug 19, Rebels kill Fifth MI Cavalry soldiers after surrender ~Berryville, VA--≥10
233. 1864 -- Sep, General massacre of Yana Natives, Northern CA -->335-500
234. 1864 -- Sep 16, Rebel Indian/Texan force murder black Union soldiers, Flat Rock, OK≤40
235. 1864 --Sep 27, Train Robbery/Murders, Bill Anderson/Jesse James, Centralia MO³⁰¹²22-27
236. 1864 -- Oct 03, Confederates murder wounded Union soldiers, Saltville, VA --24-70
237. 1864 -- Nov 29, Sand Creek Massacre of Cheyenne/Arapaho near Fort Lyon, CO--130-150

³⁰¹¹ The range is meant to distinguish between execution of nine captured wounded and 19 others killed in the attack.

³⁰¹² Cross-listed in Violence-Civil War Atrocities/War Crimes and in Violence-Mass Murder. “Several” or “some” of the fatalities, which we translate as “3” were Centralia residents, not train passengers. The range for train killed generally runs from 22-25, mostly unarmed Union soldiers.

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

238. 1865-Jan 25, Guerrillas kill black Union soldiers herding cattle ~Simpsonville, KY³⁰¹³ 19-28
239. 1865 -- Aug 16, Workman/Three Knolls Massacre, Whites kill Yanas, Mill Creek, CA~40
240. 1866 -- May 1-3, Racial riots, Irish police lead riots against blacks, Memphis, TN³⁰¹⁴-46-48
241. 1866 -- May 19-21, Massacres of Chinese Miners by Natives, Battle Creek vic., OR 50-150
242. 1866 -- July 30, Racial/Political “Riots”, Blacks seeking rights, New Orleans, LA --38-48
243. 1867 -- Apr 18, Labor Riot, Silver Bend Mining Co., Belmont, NV -- 20
244. 1868 -- July 15 time-frame, White vs. Black Conflict, Millican, Brazos Co., TX -- 6-15
245. 1868 -- Aug ~14-16, Cheyenne Raids on Settlers in and around Asher Creek, KS -- ~12
246. 1868 -- Sep 28-29, Opelousas Massacre (racial/political), St. Landry Parish, LA --200-300
247. 1868 -- Nov 27, “Battle” of the Washita, Custer attacks Cheyenne village, OK -- 103
248. 1870 -- Jan 23, Massacre, Marias Ri. Piegan Tribe attacked by 2nd Cav., MT Territory-173
249. 1871 -- Cowboys (4) Massacre Yahi women/children, Kingsley Cave, Tehama Co., CA~30
250. 1871 -- Mar 6-7 approximately, Racial Violence, Meridian, MS --25-30
251. 1871 -- Apr 30, Massacre of Apaches, Camp Grant Arivaipa, Arizona Territory --125-150
252. 1871 -- July 12, Boyne Day Parade and Religious “Orange Riot,” NYC -- < 60
253. 1871 -- Oct 24, Racial Violence and Massacre, Chinatown, Los Angeles, CA -- 21
254. 1871 -- Nov 5, Violence-Trampling, African Baptist Meeting-house, Louisville KY -- 11
255. 1872 -- Apr 15, Shoot-out, U.S. Marshals & Cherokee, Indian Court House, OK -- 11
256. 1872 -- Nov 29-30 Modoc “Hooker Jim” band kills white males, SE Tule Lake, CA --14-18
257. 1873 -- April 13, Racial and Political Violence, Colfax, Louisiana --67-105
258. 1874 -- Apr 30-May 9 “Brooks-Baxter (contending Govs.) War” Little Rock AR -- >200
259. 1873 -- Aug 5, Massacre, Dakota (Sioux) attack Pawnee hunting party ~Trenton, NE-- 69
260. 1874 -- Aug 30, Racial/Political Coushatta Massacre, Coushatta to Shreveport, LA--10-≥26
261. 1874 -- Sep 14, White League vs. Republican Race/Politics Battle, New Orleans LA-27-38
262. 1874 -- Dec 07, Violence-Massacre, Whites attack Blacks, Vicksburg, MS -- 50
263. 1875 -- Sep 4-6, Racial/pol. violence, whites attack blacks, Clinton, Hinds Co., MS --37-57
- 1876 -- July 08, Whites attack blacks (inc. Co. A 9th Regiment SCNG) Hamburg, SC-- 7
264. 1876 -- Sep 15-21, Racial Violence, esp. ~Ellenton, Aiken & Barnwell Co’s. SC --25-100
265. 1876 -- Oct 30, Fire Scare/Trampling, Chinese Royal Theatre, Jackson St. SF, CA --19-20
266. 1876 -- Dec 5, Fire, Trampling, Suffocation, Conway Theater, Brooklyn, NY³⁰¹⁵ --284-300
267. 1877 -- Jun 14-15, Nez Perce attack settlers on and near Salmon River, no. ID --18~28
268. 1877 -- Jul 10, Chief Joseph’s Nez Perce Massacre Chinese, Clearwater River, ID --30-31

³⁰¹³ A KY road marker titles this a massacre, as do several sources (and a slaughter), but not without controversy.

³⁰¹⁴ Forty-six blacks killed by police and rioters; 2 whites killed by friendly-fire.

³⁰¹⁵ Cross-listed in Fire-Structural

269. 1877 -- Jul 20-26, Great Railroad Strike, Clash with Police/Mil., MD/IL/PA --92-100

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

270. 1879 -- Sep 29, Meeker Massacre by Utes, White River, Northwestern CO -- 12
271. 1879 -- Oct 11-19, Apache Massacre settlers, CO and NM --21-40
272. 1882 -- June, Slave Insurrection Conspiracy Charge, Executions, Charleston, SC -- 35
273. 1883 -- May 30, Crushing/Trampling, Brooklyn Bridge, NY, NY -- 12
274. 1883 -- Aug 12, Massacre, Santa Fe Railroad Surveyors Attacked by Apaches -- 13
275. 1884 -- Mar 28-30, Hamilton County Courthouse Riots, Cincinnati, OH --45-56
276. 1884 -- June 4, Infant Bodies found, Nivison Home for Infants, Hammonton, NJ -- 21
277. 1884 -- Nov 01, Political Riot, Loreauville, Iberia Parish, LA -- \geq 18
278. 1884 -- Nov 13, Sabotage, Houston & TX Central Train derails, ~Hempstead, TX³⁰¹⁶ --9-12
279. 1885 -- Feb 12, Arson Fire, Dept. for Insane, Blockley Almshouse, Philly, PA³⁰¹⁷ --19-20
280. 1885 -- Sep 2, Labor/Racial Violence/Mass., Chinese Miners, Rock Springs WY³⁰¹⁸ -- 28
281. 1886 -- Mar 17, Racial Hate Crime, Carrollton Massacre, Carrollton, MS -- 13
282. 1886 -- May 3-4, Labor Haymarket Affair/Bombing/Riot/Massacre, Chicago, IL -- 11
1886 -- May 05, Strikers/bystanders shot by Wisc. militia, Bay View, Milwaukee, WI-- 7
283. 1887 -- May 25, Chinese gold miners slain by thieves, Massacre Cove, Wallowa Co., OR-- 31-34
284. 1887 -- Nov 23-25, Violence, racial/labor, striking sugarcane workers, Thibodaux, LA³⁰¹⁹ -30->50
285. 1888 -- Aug 16, Racial Violence, White Regulators attack Blacks, Freetown, LA --10-21
286. 1888 -- Dec 08, Hawes Lynch Mob fired on, Jefferson Co. Jail, Birmingham, AL --10-15
287. 1889 -- Dec 10, Fire Scare, Trampling, Parke Theater/Opera House, Johnstown, PA -- 12
288. 1889 -- Dec 25, Racial Violence, Jesup, GA --6~10
289. 1890 -- Massacre, Natives attacked by U.S. 7th Cavalry, Wounded Knee, SD -- 350
290. 1891 -- Apr 02, Violence, Deputies Kill Strikers, Morewood Mine, Morewood, PA -- 11
291. 1891 -- Mar 14, Racial Vio., Mob Kills Italian Prisoners, New Orleans LA -- 11
292. 1892 -- July 06, Violence, Strikers & Pinkertons, Carnegie Steel, Homestead, PA -- 11
293. 1895 -- Dec 27, Fire Panic, Trampling, Front St. Theater, Baltimore, MD -- 27
294. 1897 -- Sep 10, Lattimer Massacre, Deputies Shoot Striking Miners, Lattimer, PA -- 19
295. 1898 -- Oct 12, Labor Violence, coal miners and mine guards shootout, Virden, IL --12-13
296. 1898 -- Nov 10, Racial and Political (local coup d'état) Violence, Wilmington, NC --22-26
297. 1900 -- Mar 12, Arson Fire (charged), Italian Tenement Building, Newark, NJ³⁰²⁰ -- 16
298. 1900 -- Jul 3, Arson Fire (alleged), Tenement, Adams and First Sts., Hoboken NJ³⁰²¹ -13-14
299. 1900 -- Jul 24-27, Anti-black riots (re. Robert Charles shootings), New Orleans, LA³⁰²² ~12
300. 1901 -- July 04, Strike Riot, Dynamite Explosion, Smuggler Mine, Telluride, CO -- 15
301. 1901 -- Oct 27, Race Riot, Balltown, Washington Parish, LA -- 9-18

³⁰¹⁶ Cross-listed in Violence subsets Mass Murder and Sabotage.

³⁰¹⁷ Cross-listed in Fire-Structural and in Violence subset of Mass Murder.

³⁰¹⁸ Cross-listed under Violence-Racial.

³⁰¹⁹ There were unconfirmed reports of up to 300 fatalities.

³⁰²⁰ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

³⁰²¹ Cross-listed in Fire-Structural.

³⁰²² This is an estimate of blacks killed by mobs, and does not include the 7 Robert Charles-related deaths, nor his.

302. 1902 -- Apr 30, False-alarm fire panic, Harburger, Homan Cigar Factory, Philly, PA-- 8-10
 303. 1902 -- Sep 20, Panic/Stampede, Shiloh Baptist Church Birmingham, AL -- 115
 304. 1903 -- Dec 30, Trampling, Suffocation, Iroquois Theater Fire, Chicago, IL³⁰²³ -- 602
 305. 1904 -- Mar 23-24, Racial Violence Against Blacks, St. Charles, AR -- 13
 306. 1904 -- Jun 6-8, Labor Viol., Bombing/Shooting, Cripple Creek, Teller County, CO-- 21
 307. 1905 -- Feb 27, Floor Collapse, Fire Scare/Trampling, Church Serv., Brooklyn NY³⁰²⁴-- 11
 308. 1905 -- Apr 6-Jul 19, Labor Violence, Teamsters' Strike and Riots, Chicago, IL -- 21
 309. 1905 -- Jun 21, Sabotage, Train Derails, Twentieth Century Ltd., Mentor OH³⁰²⁵ --19-21
 310. 1906 -- Jan 21, Fire, Trampling, St. Paul's Baptist Church, Philadelphia, PA -- 18
 311. 1906 -- Sep 22-26, Race Rioting, Atlanta, GA --25-40
 312. 1908 -- Jan 13, Fire and Trampling, Rhoads Opera House, Boyertown, PA³⁰²⁶ --169-175
 313. 1908 -- Mar 04, Fire/Trampling/Suffocation, Lakeview Sch., Collinwood, OH³⁰²⁷--172-178

VIOLENCE – Master Set – Deadliest American – CHRONOLOGICAL Cont.

314. 1910 -- Jul 3-5, Race Riots/Violence, result of Jack Johnson defeat of Jim Jeffries --18-24
 315. 1910 -- July 29-30, Racial Rioting, Whites attack Blacks, Slocum, TX and vicinity --18-28
 316. 1910 -- Oct 01, Labor Violence, Trade Unionist bombing, LA Times, Los Angeles, CA--21
 317. 1911 -- Mar 9-15, Violence, Race Strike, Queen & Crescent Rail, KY, TN -- 20
 318. 1911 -- Aug 26, Trampling/Suffocation, Opera House, Canonsburg, PA -- 26
 1912 -- June 10, Family and two girls Murdered in Sleep with Axe, Villisca, IA -- 8
 319. 1913 -- Feb 10, Labor Vio., Miners/Guards Clash, ~Mucklow, Kanawha County WV-- 16
 320. 1913 -- Sep 28, Mass Murder Shooting Spree, Lynching, Harriston, MS --11-12
 321. 1913 -- Dec 24, Crushing/Trampling Italian Hall Disaster, Calumet, MI --73-75
 322. 1914 -- Apr 20, Ludlow Massacre, Gov. Force, (CO NG Attacks Mining Strikers)³⁰²⁸18-25
 323. 1914 -- Sep 18, Sabotage, Train Derailment, Livingston, AL -- 10
 1915 -- Mar 06, Monroe Phillips Shooting Rampage (kills 6, is shot) Brunswick, GA-- 7
 324. 1915 -- Oct 28, Fire, Trampling, St. John's Parochial School, Peabody, MA³⁰²⁹ -- 21
 325. 1916 -- Jan 10, Mass Murder, Americans on Train 50M W. Chihuahua City, MX --16-17
 326. 1916 -- Mar 09, Pancho Villa Attacks Columbus, NM -- 18
 1916 -- March 5-6, Daniel Okane kills Family (7) and commits suicide, Lawton, OK-- 8
 327. 1916 -- Jul 22, Mass Murder, Preparedness Day Parade Bombing, San Fran. CA -- 10
 1916 -- Nov 5, Labor Violence, IWW workers/local law enforcement, Everett, WA³⁰³⁰-- 7
 328. 1916 -- Mass Killing, Archer Home for Elderly, Winsor, New Haven County, CT -- 10
 329. 1917 -- July 1-3, especially July 2, East St. Louis anti-Black Race Riots, IL --48-200
 330. 1917 -- Aug 23, 24th Infantry (Black)/Camp Logan Mutiny/Racial Riot, Houston, TX -- 20

³⁰²³ Cross-listed in Fire-Structural

³⁰²⁴ Cross-listed under Structural Failures

³⁰²⁵ Cross-listed in Rail and in Violence subsection Mass Murder.

³⁰²⁶ Cross-listed in Fire-Structural

³⁰²⁷ Cross-listed in Fire-Structural

³⁰²⁸ Cross-listed under Violence Subsets – Governmental Use of Force and in Labor-Related.

³⁰²⁹ Cross-listed in Fire-Structural and in Violence subset of Crushing, Trampling, Suffocation. Most of the girls died at the door block.

³⁰³⁰ Cross-listed in Violence subsets Governmental Use of Force and Labor-Related.

331. 1917 -- Nov 24, Bomb Explosion, Central Police Station, Milwaukee, WI -- 10

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

332. 1918 -- Oct 04, Attack, Steamer *San Sabo* hits mine, 15 mi. SW of Barnegat, NJ³⁰³¹ -- 30

333. 1919 -- July 27-31 (dates of major rioting and deaths), Race Riots, Chicago, IL -- 38

1919 -- Sep 9-11, Boston Police Strike, Martial Law, U.S. Cavalry Charge, MA -- 5-9

334. 1919 -- Sep 30-Oct 2, Racial Violence, Hoop Spur, Elaine vic., Phillips Co., AR --100-200

1919 -- Nov 11, Violence, Armistice Day Parade, Amer. Legion/IWW, Centralia, WA-- 6

335. 1919 -- Nov 22, Stove Explos./Fire/Crushing, Dance Hall/Store, Ville Platte LA³⁰³² --25-28

336. 1920 -- May 19, Matewan Massacre, coal miners/owners conflict, Mingo Co., WV --10-11

337. 1920 -- Sep 16, Anarchist Bombing Mass Murder, Wall St. Terrorist Attack, NY³⁰³³ --30-38

338. 1921 -- May 12-15, Battle of the Tug, coal mine labor conflict, Mingo County, WV -- 6-20

339. 1921 -- May 31-Jun 1, Race Riot, Whites attack Blacks, Greenwood, Tulsa, OK --38~200

340. 1921 -- Aug 27-Sep 3, Battle of Blair Mt., Miners vs. Operators, Logan Co., WV --16->50

341. 1922 -- Jun 21-22, Union miners murder non-union men and Guards ~Herrin, IL³⁰³⁴ -- 23

342. 1922 -- Jul 17, Striking Miners attack Saledka Mine, Sheriffs men, Cliftonville, WV-- 9-21

1923 -- Jan 1-7, Rosewood Rioting, Whites attack Blacks, Rosewood, Levy Co., FL -- ≥8

343. 1924 -- Sep 9, Labor Violence, Filipino Strikers/Sheriffs Clash, Hanapepe, Kauai, HI-- 20

344. 1927 -- May 18, Dynamite Bombing, Bath Township Consolidated School, MI³⁰³⁵ -- 46

1927 -- Nov 21, Colorado Rangers shoot striking miners, Columbine Mine, Serene, CO-- 6

1929 -- Feb 14, St. Valentine's Day Massacre, Capone gang vs. Moran gang, Chicago IL- 7

1929 -- Dec 25, C.D. Lawson kills wife, six children, suicide, Walnut Cove, NC -- 8

345. 1932 -- Jun 07, Explos./Arson/Mass Murder, Ellington Apartments, Cleveland, OH³⁰³⁶--13

1932 -- Nov 24, Violence, Julian Marcelino Rampage with knives, Seattle, WA -- 6

1933 -- June 17, Shooting murder of four law officers plus prisoner, Kansas City, MO-- 5

346. 1935 -- Sep 29, Arson Fire/Mass Murder, Tenement, Chicago, IL³⁰³⁷ -- 10

³⁰³¹ Cross-listed in Maritime.

³⁰³² Cross-listed in Explosions and in Fires/Structural – about half the fatalities were due to crushing.

³⁰³³ Cross-listed in Violence-Bombing, violence Mass Murder and in Violence-Terrorism.

³⁰³⁴ Two striking union-miners were killed by mine guards on June 21 when attacked by a large group of the striking miners and one other died of his wounds on July 13. Nineteen to twenty non-union miners and mine guards were murdered on June 22 by union miners. (The coroner's records turned over to the grand jury indicated 20 nonunion men, while the records of the undertakers who buried them indicated 19 burials – 19 was the number used in great majority of accounts.) On Oct. 2 Ignus Kubins, a hospitalized nonunion miner died of his wounds. Thus, there were 23 certain fatalities, and possibly more. There were reports of missing men, of men tossed into a pond or drowned in a river while attempting to escape, and of men burned and consumed in the burning of railroad cars at the strip mine, thus the possibility exists of one or more additional deaths.

³⁰³⁵ Kehoe's bombs initially killed 37 elementary school children and 2 teachers. He murdered his wife. Detonated car bomb killing himself, school superintendent, village postmaster, postmaster's father-in-law. On August 22, 1927, student Beatrice Gibbs dies of injuries, and about one-year later 2nd grader Richard Fritz died of "lingering injuries." Cross-listed in Violence subsets of Bombings and School Shootings/Bombings.

³⁰³⁶ Cross-listed in Fire-Structural and in Violence subset of Mass Murder.

347. 1937 -- Mar 21, Ponce massacre, police fire on marchers, Ponce, Puerto Rico -- 19
 348. 1937 -- May 30, Unarmed Striking Steel Workers Shot by Police, Chicago, IL³⁰³⁸ -- 10
 349. 1939 -- Aug 12, Sabotage, Train Derails, South Pacific Railroad Carlin, NV³⁰³⁹ -- 24

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

350. 1940 -- April 23, Rhythm Night Club fire/suffocation/trampling, Natchez, MS -- 209
 351. 1941 -- Oct 17, Attack. USS *Kearny* Torpedoed by German Submarine, off Iceland³⁰⁴⁰ -- 11
 352. 1941 -- Oct 31, Attack, USS *Reuben James* Sunk, German Sub, near Iceland³⁰⁴¹ -- 115
 353. 1941 -- Dec 07, Attack by Japanese on Pearl Harbor, HI --2,402
 354. 1942 -- Nov 28, Fire/trampling/suffocation, Cocoanut Grove Nightclub, Boston, Ma³⁰⁴² 498
 355. 1943 -- June 20-22, Detroit Racial Rioting, MI -- 34
 356. 1944 -- Mar 28, Arson Fire, New Amsterdam Hotel, San Francisco, CA³⁰⁴³ -- 22
 357. 1945 -- May 5, Attack, Civ. US Steamer *Black Point* Torpedoed off Point Judith, RI³⁰⁴⁴ - 12
 1945 -- July 08, U.S. Army guard machine-guns sleeping German POWs, Salina, UT-- 9
 358. 1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV³⁰⁴⁵ 15
 359. 1949 -- Sep 06, Howard Barton Unruh Rampage Mass Shooting, Camden, NJ³⁰⁴⁶ -- 13
- 1954 -- Mar 1, Puerto Rican Nationalists shoot 5, floor of US House of Representatives-- 0
360. 1950 -- April 8, USN Privateer Patrol Bomber Shot Down by USSR, Baltic Area³⁰⁴⁷ -- 10
 361. 1950 -- Oct 29-Nov 6,³⁰⁴⁸ Independence uprisings multiple locations, Puerto Rico -- ~33
362. 1950 -- Nov 1, Puerto Rican Nationalists try to assassinate President Truman, Blair House, DC- 2
 363. 1951 -- Nov 6, Attack, P2V-3W Downed, Soviet plane, Sea of Japan off Vladivostok-- 10
 364. 1952 -- Jun 13, Yokota Air Base, Japan, USAF RB-29, shot down, Sea of Japan³⁰⁴⁹ -- 12
 365. 1953 -- July 29, Yokota Air Base, Japan, USAF RB-50, shot down, Sea of Japan³⁰⁵⁰ -- 16
 366. 1955 -- Nov 01, Mass Murder, United Flight No. 629 Blown Up over Denver, CO³⁰⁵¹ -- 44
 367. 1956 -- Aug 22, Attack, Navy P4M-1Q Shot Down near Wenchow, China³⁰⁵² -- 16
 368. 1958 -- Sep 2, USAF C130A Hercules shot-down over Sasnashen, Armenia, USSR³⁰⁵³ -- 17
 369. 1959 -- Nov 16, Mass Mur., National Airlines 967 Brought Down, Gulf of Mex³⁰⁵⁴ -- 42

³⁰³⁷ Cross-listed in Fire-Structural and in Violence subset of Mass Murder.

³⁰³⁸ Cross-listed in Violence sub-sections Governmental Use of Force and Labor-Related.

³⁰³⁹ Cross-listed in Rail.

³⁰⁴⁰ Cross-listed in Maritime. This was before Pearl Harbor and U.S. declarations of war.

³⁰⁴¹ Cross-listed in Maritime. This was before Pearl Harbor and U.S. declarations of war -- part of Neutrality Patrol.

³⁰⁴² Cross-listed in Fire-Structural.

³⁰⁴³ Cross-listed in Violence subset Arson.

³⁰⁴⁴ Cross-listed in Maritime.

³⁰⁴⁵ Cross-listed in Explosions and in Fire (gas can deliberately thrown into fire from kicked-over stove).

³⁰⁴⁶ Cross-listed in Violence subsets of Mass Murder and Shooting Sprees.

³⁰⁴⁷ Cross-listed in Aviation.

³⁰⁴⁸ Most of the fighting was over by Nov 1, but did not conclude entirely until Nov 6.

³⁰⁴⁹ Cross-listed in Aviation.

³⁰⁵⁰ Cross-listed in Aviation.

³⁰⁵¹ Cross-listed under Aviation.

³⁰⁵² Cross-listed in Aviation.

³⁰⁵³ Cross-listed in Aviation.

370. 1959 – Nov 16, National Air Flight 967 Crashes, suspected sabotage, Gulf of Mex.³⁰⁵⁵ -- 42

VIOLENCE – Master Set – Deadliest American – CHRONOLOGICAL Cont.

371. 1960 -- Jan 06, Mass Murder, National Air Flight 2511 Blown-up, Bolivia, NC³⁰⁵⁶ -- 34
372. 1962 -- May 22, Mass Murder, Cont. Flight 11 Blown-Up over Unionville, MO³⁰⁵⁷ -- 45
373. 1963 -- Nov 18, Fire (arson?), Surfside Hotel (elderly home), Atlantic City, NJ³⁰⁵⁸ -- 25
374. 1964 -- May 07, Mass Mur., Pilot Shot, Pacific Air 773 Crashes, San Ramon, CA,³⁰⁵⁹ -- 44
375. 1965 -- Aug 11-17, Watts Race Riots, Los Angeles, CA -- 34
376. 1965 -- Dec 11, Arson Fire/Mass Murder, Seeley Club (Tavern), Chicago, IL³⁰⁶⁰ -- 13
1966 -- July 14, Richard Speck Mass Murder of Nurses, Dorm Room, Chicago, IL -- 8
377. 1966 -- Aug 01, Charles Whitman Killing Spree, Univ. TX-Austin Tower Sniper--³⁰⁶¹ 16-17
378. 1966 -- Sep 12, Lane Hotel arson fire, Anchorage, AK³⁰⁶² -- 14
379. 1967 -- Jun 08, Attack, USS *Liberty* by Israeli Air and Naval Craft, near Sinai Penn.-- 34
380. 1967 -- July 12-17 (esp. 13th), Police Violence and Racial Rioting, Newark, NJ³⁰⁶³ --25-26
381. 1967 -- July 23-26, Detroit Race Riots, Army, Mich. NG, Detroit & State Police, MI-- 43
382. 1968 -- Feb 16, Arson Fire, Randolph Tavern, 107 W. Reed Street, Moberly, MO³⁰⁶⁴-- 12
383. 1968 -- Apr 01, Attack, Navy P3B Coastal Surveillance Downed, Gulf of Thailand³⁰⁶⁵-- 12
384. 1968 -- Apr 4-11, Martin Luther King Jr. assassination rioting, esp. Chicago, DC, --42-46
385. 1969 -- Apr 14, Attack, Navy EC-121M Shot Down by North Korea, Sea of Jap³⁰⁶⁶ -- 31
386. 1969 -- June 8, Arson (Patricide), Bailey Family Home Fire, Parkersburg, WV³⁰⁶⁷ -- 12

387. 1970 -- Mar 20, Ozark Hotel (“flophouse”), Arson Fire, Seattle, WA³⁰⁶⁸ -- 20
1970 -- May 04, Kent State Demonstration and OH National Guard Shootings, OH -- 4
388. 1970 -- Dec 20, Mass Murder, Arson Fire, Pioneer International Hotel Tucson, AZ³⁰⁶⁹ -- 28
1971 -- June 14, “Dope Den” “Execution Style” Mass Murder, Detroit, MI -- 8
389. 1971 -- Sep 9-13, Attica Prison Riot/ Government Re-taking of Prison, Attica, NY³⁰⁷⁰ -- 39
390. 1973 -- Jan 29, Arson Fire, Street’s Sheltered Care Rest Home, Pleasantville, NJ³⁰⁷¹ -- 10
391. 1973 -- June 24, Arson Fire, gay UpStairs Cocktail Lounge, New Orleans, LA³⁰⁷² -- 32
392. 1974, Jan 15-Jan 19, 1991-- D. Rader serial murders, Wichita area, Sedgwick Co., KS-- 10

³⁰⁵⁴ Cross-listed in Aviation.

³⁰⁵⁵ Cross-listed in Aviation. Presumed explosion thought to be for collection of insurance.

³⁰⁵⁶ Cross-listed in Aviation.

³⁰⁵⁷ Cross-listed in Aviation.

³⁰⁵⁸ Ex-mental patient and arsonist arrested and “confessed,” but was not indicted. Cross-listed in Fire, Structural.

³⁰⁵⁹ Cross-listed in Aviation.

³⁰⁶⁰ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

³⁰⁶¹ Whitman killed his wife and mother in Austin and then 14 people at the University, prior to his being killed.

³⁰⁶² Cross-listed in Fire-Structural.

³⁰⁶³ One death was a drug overdose. Have not been able to determine why this was attributed to the rioting.

³⁰⁶⁴ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

³⁰⁶⁵ Cross-listed in Aviation.

³⁰⁶⁶ Cross-listed in Aviation.

³⁰⁶⁷ Cross-listed in Fire-Structural and in Violence subset Arson, Manslaughter/Homicide.

³⁰⁶⁸ Cross-listed in Fire-Structural and in Violence subset Arson, Manslaughter/Homicide.

³⁰⁶⁹ Cross-listed in Fire-Structural and in Violence subset Arson, Manslaughter/Homicide.

³⁰⁷⁰ Cross-listed in Prison Riots.

³⁰⁷¹ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

³⁰⁷² Cross-listed in Fire-Structural and in Violence subset Arson, Manslaughter/Homicide.

393. 1975 -- Mar 30, Violence, mass murder, James Ruppert shoots relatives, Hamilton, OH--11
 394. 1975 -- May 14, Attack, USS *Mayaguez* Khmer Rouge, Koh Tang Island Cambodia³⁰⁷³ - 16
 395. 1975 -- July 07, Arson Fire, Pomona Hotel, Portland, OR³⁰⁷⁴ --11-12
 396. 1975 -- Dec 29, Mass Mur., Bomb Explosion, LaGuardia AP Terminal, Brooklyn NY-- 13
 397. 1976 -- Jan 30, Arson Fire, Wincrest Nursing Home, Chicago, IL³⁰⁷⁵ -- 24
 398. 1977 -- June 26, Arson Fire, Maury County Jail, Columbia, TN³⁰⁷⁶ -- 42
 399. 1978 -- Nov 05, Arson Fire, Allen Motor Inn, Honesdale, Wayne County, PA³⁰⁷⁷ -- 12
 400. 1979 -- Jan 20, Arson Fire, Tenement, Clinton Street, Hoboken, NJ³⁰⁷⁸ -- 21
 401. 1979 -- July 31, Arson Fire (smoke inhalation deaths), Holiday Inn, Cambridge, OH³⁰⁷⁹--10
 402. 1979 -- Dec 3, WHO Concert Crushing/Trampling, Riverfront Colsm., Cincinnati OH-- 11

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

403. 1980 -- Feb 2-3, NM State Penitentiary Uprising/Inmate Killings, ~Santa Fe, NM -- ≥33
 404. 1980 -- May 17-18, racial riots after jury acquits police, black beating death, Miami FL--18
 405. 1980 -- July 5-6, smugglers abandon immigrants, dehydration, Organ Pipe Cactus Nat. Mon., AZ³⁰⁸⁰--13
 1980 -- Sep 20, ex-wife & family killed by ex-husband's booby-trap bomb, Olathe, KS-- 6
 406. 1980 -- Oct 28, Arson Fire, Apartment Building, Chicago, IL³⁰⁸¹ -- 10
 407. 1980 -- Dec 4, Fire, Conference Ctr. at Stouffer's Inn (possibly arson),³⁰⁸² Harrison, NY-- 26
 408. 1981 -- March-April, hospital nurse kills elderly patients, Perris & Banning, CA -- 12
 409. 1981 -- Oct 24, Arson Fire, Apartment Bldg., 12th and Washington, Hoboken, NJ³⁰⁸³ -- 11
 410. 1982 -- April 30, Arson Fire, Pinter (residential) Hotel, 14th Street, Hoboken, NJ³⁰⁸⁴ -- 13
 1982 -- July 2, Wife, children, mother-in-law shot (5), suicide, Thompson Falls, MT-- 6
 411. 1982 -- July 5, Arson Fire, Apartment Building, Waterbury, CT³⁰⁸⁵ -- 14
 1982 -- Aug 20, Rampage shooting (8), mentally disturbed man (killed), Miami, FL³⁰⁸⁶ -- 9
 412. 1982 -- Sep 4, Mass murder/arson, Dorothy Mae Apts./Hotel, Los Angeles, CA --24-25
 413. 1982 -- Sep 25, George Banks family shooting spree, Jenkins Twp./Wilkes-Barre, PA-- 13
 414. 1983 -- Feb 19, Fatal shootings (13 of 14), Wah Mee Club, Seattle "Chinatown", WA-- 13
 415. 1983 -- Apr 18, Terrorism, US Embassy suicide bombing, Beirut, Lebanon --17 US of 63
 416. 1983 -- Oct 23, Terrorism, Marine Corps Barracks truck bomb, Beirut, Lebanon -- 241
 417. 1984 -- Apr 15, Mass Murder, Christopher Thomas "Palm Sunday Massacre," NYC-- 10

³⁰⁷³ Cross-listed in Maritime.

³⁰⁷⁴ Cross-listed in Fire-Structural and in Violence subset Arson, Manslaughter/Homicide.

³⁰⁷⁵ Cross-listed in Fire-Structural.

³⁰⁷⁶ Cross-listed in Fire-Structural and in Violence subset of Arson.

³⁰⁷⁷ Cross-listed in Fire-Structural and in Violence subset Arson, Manslaughter/Homicide.

³⁰⁷⁸ Cross-listed in Fire-Structural and in Violence subset of Arson-Manslaughter/Homicide.

³⁰⁷⁹ Cross-listed in Fire-Structural and in Violence subset Arson, Manslaughter/Homicide.

³⁰⁸⁰ Cross-listed in Violence in that smugglers deliberately abandoned these immigrants (men, women, children), after stealing their possessions (as well as an 18-month-old baby), and did not disclose that safety could be sought by going to a highway just three miles away.

³⁰⁸¹ Cross-listed in Fire-Structural and in Violence subset Arson, Manslaughter/Homicide.

³⁰⁸² A waiter was charged with arson and 26 counts of murder and found guilty by jury; however, the presiding judge overturned the verdict citing insufficient evidence. This act was appealed but upheld by State Supreme Court.

³⁰⁸³ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

³⁰⁸⁴ Cross-listed in Fire-Structural and in Violence subset-Arson, Manslaughter/Homicide.

³⁰⁸⁵ Cross-listed in Fire-Structural.

³⁰⁸⁶ Cross-listed in Violence subsets of Mass Murder and Mass Murder-Mass Shootings.

418. 1984 -- May-Nov, Bobby Joe Long Serial Killings of women, Tampa Bay Area, FL-- ≥10
 419. 1984 -- July 04, Arson Fire, Elliott Chambers Rooming Home, Beverly, MA³⁰⁸⁷ -- 15
 420. 1984 -- July 18, Mass Killing, James Oliver Huberty, McDonald's, San Ysidro, CA -- 21
 421. 1984 -- Oct 18, Arson Fire, Alexander Hamilton residential Hotel, Paterson, NJ³⁰⁸⁸ -- 15
 422. 1985 -- May 13, Gov. Vio., Pol. Bomb MOVE Group, Row House Fire, Philly PA³⁰⁸⁹ -- 11

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

423. 1986 -- Aug 20, Postal worker Pat Sherrill Mass Shooting, Post Office, Edmond, OK³⁰⁹⁰ 14
 424. 1986 -- Dec 31, Arson Fire, Dupont Plaza Hotel, San Juan, Puerto Rico³⁰⁹¹ -- 97
 425. 1987 -- May 17, USS *Stark* hit by Iraqi Air Force Mirage missiles, Persian Gulf³⁰⁹² -- 37
 1987 -- July 11-12, Man shoots wife, two children, parents, in-laws, Federal Way, WA-- 8
 426. 1987 -- Dec 07, Mass Mur., Pac. SW Flight 1771 Hijacked/Crashed, Cayucos, CA³⁰⁹³-- 43
 427. 1987 -- Dec 22, 26, 28, R. Gene Simmons Killing Spree, Dover & Russellville, AR -- 16
 428. 1988 -- Dec 21, Pan Am Flight 103 Blown-Up over Lockerbie, Scotland-³⁰⁹⁴(189 U.S.) 270
 1989 -- Jan 17, School Shooting, Cleveland Elementary School, Stockton, CA -- ³⁰⁹⁵5-6
 1989 -- Sep 14, Assault Rifle Workplace Mass Murder (8)/Suicide, Louisville, KY -- 9
429. 1990 -- Mar 25, Arson Fire, Happy Land Social Club, Bronx, NY³⁰⁹⁶ -- 87
 430. 1990 -- June 17-18, Violence/Shootings, esp. GMAC (18th), Jacksonville, FL³⁰⁹⁷ --11-12
 431. 1991 -- Oct 16, Violence, Rampage Shooting, Luby's Restaurant, Killeen, TX³⁰⁹⁸ --23-24
 1991 -- Nov 01, Gang Lu Killing Spree, University of Iowa, Iowa City, IA --³⁰⁹⁹5-6
 432. 1992 -- April 29-May 4, Riots following Rodney King Verdict, Los Angeles, CA --53-54
 1992 -- July 7, Arson Fire set by mother kills six of her children, Baltimore, MD³¹⁰⁰ -- 6
 1992 -- Aug 21-22, Violence, Gov. use of force, U.S. Marshals/FBI, Ruby Ridge, ID -- 3
 1993 -- Feb 27, Arson Fire & Mass Murder, Apartment Building, Providence, RI³¹⁰¹ -- 6
 433. 1993 -- Feb 28, Shootout, Large ATF force attempts to serve David Koresh, Waco, TX³¹⁰²-- 10
 434. 1993 -- April 19, FBI/ATF attack Branch Davidian Compound/fire near Waco, TX-- 75
 435. 1993 -- May 3, Arson Fire, Apt./Tenement Bldg., Burlington Ave., Los Angeles, CA³¹⁰³-10

³⁰⁸⁷ Cross-listed in Fire-Structural and in Violence subset Arson, Manslaughter/Homicide.

³⁰⁸⁸ Cross-listed in Fire-structural. (Originally a hotel, but had become a low-rent apartment building.)

³⁰⁸⁹ Cross-listed in Fire-Structural and in Violence subset Arson, Manslaughter/Homicide.

³⁰⁹⁰ Sherrill committed suicide by shooting himself before he could be arrested, bringing total death toll to 15. Cross-listed in Violence subsets of Mass Murder and Shooting Sprees.

³⁰⁹¹ Cross-listed in Fire-Structural and in Violence subsection of Mass Murder.

³⁰⁹² Cross-listed in Maritime.

³⁰⁹³ Cross-listed under Aviation.

³⁰⁹⁴ Sub-listed in Terrorism and cross-listed in Aviation.

³⁰⁹⁵ Five children, ages 6-9, before gunman killed himself. The question for some is does one count the murderer as a victim of this tragedy as well? The one person range in the sources reflect this question, with the exception of a source which incorrectly notes the death of one teacher (one teacher was injured.)

³⁰⁹⁶ Cross-listed in Fire-Structural

³⁰⁹⁷ James Edward Pough shot and killed two people on the 17th. The next day he killed six at the GM scene, then himself. Three died later. Thus nine died as result of June 18 attack. In all there were 11 murders and one suicide.

³⁰⁹⁸ Twenty-three killed by the shooter, George Hennard, who killed himself after being wounded by police.

³⁰⁹⁹ Four University of Iowa faculty and one student killed before gunman commits suicide.

³¹⁰⁰ Cross-listed in Fire.

³¹⁰¹ Cross-listed in Fire-Structural.

³¹⁰² Four ATF agents/six Davidians. See 4-19-1993 on FBI/ATF attack, wherein 75 Davidians (25 children) died.

436. 1995 -- Apr 19, Terrorism, Alfred P. Murrah Fed. Bldg. Bombing, Oklahoma City³¹⁰⁴ --168
 1996 -- Feb 9, Fired city worker shoots five former coworkers, self, Fort Lauderdale FL-- 5-6
 1997 -- Feb 23, Middle East Terrorism, Shooting, Empire State Building, NYC, NY-- 1
 437. 1997 -- ~March 23, Mass Suicide, Heaven's Gate Cult, Rancho Santa Fe, CA -- 39
 1998 -- Jan 29, Abortion Clinic Bombing, (Eric Rudolph), Birmingham, AL -- 1
 438. 1999 -- April 20, Columbine High School Shooting, Columbine, CO³¹⁰⁵ --13-15
 439. 1999 -- July 27-29, Workplace Shootings/9; family killed/3; suicide/1; Atlanta, GA -- 13
 440. 1999 -- Oct 31, Mass Murder, Egypt Air Flight 990 Crash, off Nantucket Is. MA³¹⁰⁶-- 217
 1999 -- Nov 02, Workplace Mass Murder Shootings, Xerox, Honolulu, HI³¹⁰⁷ -- 7

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

441. 2000 -- Oct 12, Suicide Terrorism, USS *Cole* Bombed, Port of Aden, Yemen -- 17
 442. 2001 -- May ~24, Smugglers abandon immigrants without water in desert heat, AZ³¹⁰⁸-- 14
 443. 2001 -- Sep 11, 9/11 Terrorist Attacks, WTC (NYC), Pentagon, Shanksville, PA³¹⁰⁹ --3,064
 --Sep 11, World Trade Center, American 11 and United 175, NY --2,830
 --Sep 11, American Airlines hits Pentagon, Arlington, VA -- 189
 --Sep 11, United Airlines N591UA Crash Shanksville, PA -- 45
 444. 2002 -- Oct 2-24, Terrorism, DC Beltway Sniper Killings, Wash. DC Vicinity -- 10
 445. 2002 -- Oct 13, Decomposed bodies of illegal aliens found in railcar, Denison, IA -- 11
 446. 2003 -- Feb 17, Stampede/Crushing/Asphyxiation, E2/Epitome Night Club, Chicago, IL-- 21
 447. 2003 -- Feb 20, Fire, Trampling, Station Nightclub, West Warwick, RI³¹¹⁰ -- 100
 448. 2003 -- May 13-14 Illegal immigrants suffocate, hot/airless milk trailer, Victoria, TX-- 19
 449. 2003 -- Oct 25-Nov 4, Arson Wildfires (esp. Cedar, Old Fire, Paradise), Southern CA³¹¹¹ --22-24
 450. 2004 -- Sep 12, Arson Fire, Lincoln Park West Apartments, Prairie Township, OH -- 10
 451. 2005 -- Jan 26, Train hits parked SUV; Derails; hits parked train, Glendale, CA³¹¹² -- 11
 452. 2005 -- Mar 21, 16-year-old killing spree, Red Lake HS & vic., Red Lake, MN --³¹¹³9-10
 2005 -- May 21, Arson Fire, House during child's birthday sleepover, Cleveland, OH³¹¹⁴--9
 2006 -- Mar 26, Mass-shooting, rave afterparty, Capitol Hill community, Seattle, WA³¹¹⁵-7
 2006 -- Oct 2, West Nickel Mines School (Amish) Shooting, Lancaster County, PA³¹¹⁶ -5-6
 453. 2006 -- Oct 31, Arson, Mizpah Hotel, North Lake St., Reno, NV³¹¹⁷ -- 12

³¹⁰³ Cross-listed in Fire-Structural and in Violence subset-Arson.

³¹⁰⁴ Cross-listed in Explosions and in Fire-Structural.

³¹⁰⁵ Two seniors killed 12 students and 1 teacher before committing suicide; thus 13 victims and 15 total deaths.

³¹⁰⁶ Cross-listed in Aviation.

³¹⁰⁷ Cross-listed in Violence subsections Mass Murder and Mass Shootings.

³¹⁰⁸ Cross-listed in Heat.

³¹⁰⁹ The four planes involved are cross-listed in Aviation.

³¹¹⁰ Cross-listed under Fire-Structural

³¹¹¹ Cross-listed in Fires – Forest, Prairie and Wildfires.

³¹¹² Cross-listed in Rail, and in Vehicular. The driver of the SUV was allegedly going to commit suicide via train collision, but got out prior to impact. Was sentenced to eleven life sentences for murder.

³¹¹³ Killed were nine people -- shooter's grandfather and grandfather's girlfriend, a security guard at Red Lake High School, 5 high school students and one teacher, before 16-year-old high school student shooter committed suicide.

³¹¹⁴ Cross-listed in Fire-Structural.

³¹¹⁵ The shooter murdered six people aged 14, 15, 21, 22, 26 and 32. Committed suicide when police arrived.

³¹¹⁶ Ten girls aged 6-13 shot, five of whom died, before killer committed suicide in the schoolhouse.

³¹¹⁷ Cross-listed in Fires-Structural and in Violence subset of Mass Murder.

454. 2007 -- Apr 16, Virginia Tech Shootings, Blacksburg, VA --³¹¹⁸32-33
 2008 -- Feb 14, Classroom Killings, Northern Illinois University, DeKalb, IL --³¹¹⁹5-6
 455. 2009 -- Mar 10, Mass Murder, McLendon Shooting Spree, Geneva County, AL -- 10
 456. 2009 -- April 3, Mass Killings, Immigration Services Center, Binghamton, NY³¹²⁰ --13-14
 457. 2009 -- Nov 05, Mass Killing, Army Major, Fort Hood, TX -- 13

VIOLENCE – **Master Set** – **Deadliest American** – **CHRONOLOGICAL** Cont.

- 2010 -- Aug 3, Workplace shootings, worker kills 8 coworkers/self, Manchester, CT-- 9
 2012 -- Apr 02, School Shootings, Oikos University, Oakland, CA³¹²¹ -- 7
 458. 2012 -- July 20, James Holmes Mass Shooting, Century 16 Theater, Aurora, CO -- 12
 2012 -- Aug 05, Sikh Temple of Wisconsin Rampage Mass Shooting, Oak Creek, WI -- 7
 459. 2012 -- Dec 14, Mass Shooting, Sandy Hook Elementary School, Newtown, CT --³¹²²27-28
 2013 -- Apr 15, Terrorism, Boston Marathon Bombs, MIT officer killed Apr 19, MA-- 4
 460. 2013 -- Sep 16, Navy Yard Mass Shooting, Washington, DC³¹²³ -- 13
 2014 -- May 23, Mass Murder, Univ. of California at Santa Barbara, Isla Vista, CA³¹²⁴-- 7
 2015 -- May 17, Violence, Biker-Gangs/Police Shoot-Out at Twin Peaks restaurant, Waco, TX-9
 2015 -- June 17, Violence -- Mass Shooting, AME Church, Charleston, SC -- 9
 461. 2015 -- Oct 1, Mass shooting, Umpqua Community College, Roseburg, OR ³¹²⁵-- 9-10
 462. 2015 -- Dec 2, Terrorism, Muslim couple attack, Inland Regional Ctr., San Bernardino, CA³¹²⁶14
 2016 -- Feb 20, Violence, Uber driver random mass shootings, Kalamazoo, MI -- 6
 463. 2016 -- June 12 -- Shooting/Terrorism/Hate-Crime, Gay Nightclub, Orlando, FL --³¹²⁷50
 464. 2016 -- Nov 28, Chimney Tops 2 arson Wildfire hits Gatlinburg, Sevier County, TN³¹²⁸-14
 465. 2017 -- July 23, Migrants die in hot semi trailer found in parking lot, San Antonio, TX-- 10
 466. 2017 -- Oct 1, Shooting, hotel 32nd floor, Country Music Show, Las Vegas, NV³¹²⁹ --58-59
 2017 -- Oct 31, Islamic Terrorist drives down bikers/pedestrians, Manhattan NYC, NY-- 8
 467. 2017 -- Nov 5, Mass Shooting, First Baptist Church, Sutherland Springs, TX -- 26
 468. 2018 -- Feb 14, School Shooting, Marjory Stoneman Douglas High Sch., Parkland, FL-- 17

³¹¹⁸ Shooter killed 32 students and faculty; then committed suicide. Thus “33” includes the shooter.

³¹¹⁹ Five student victims and the gunman suicide.

³¹²⁰ Shooter shoots and kills thirteen people and then shoots himself fatally.

³¹²¹ Cross-listed in two Violence subsets – Rampage Shootings, and School Shootings.

³¹²² Shooter killed 27 – 20 children and 6 adults at the school, plus his mother at home. Committed suicide (#28).

³¹²³ Gunman with mental health issues killed twelve Navy Yard workers before being killed by police.

³¹²⁴ Six students were shot or stabbed to death before the killer shot himself in the head.

³¹²⁵ The shooter, 26-year-old Chris Harper Mercer, killed nine people, wounded seven, and died in police shootout.

³¹²⁶ Sub-listed in Mass Murder and in Terrorism.

³¹²⁷ Shooter shot and killed 49 people before being shot and killed by police – bringing total number of deaths to 50,

³¹²⁸ Cross-listed in Fire-Wildfires.

³¹²⁹ Fifty-nine fatalities including shooter who committed suicide after killing fifty-eight people; wounded hundreds.

VIOLENCE Subset – **ARSON** Manslaughter/Homicide – **By Mortality**

1.	1986 -- Dec 31, Arson Fire, Dupont Plaza Hotel, San Juan, Puerto Rico ³¹³⁰	-- 97
2.	1990 -- Mar 25, Arson Fire, Happy Land Social Club, Bronx, NY ³¹³¹	-- 87
3.	1977 -- June 26, Arson Fire, Maury County Jail, Columbia, TN ³¹³²	-- 42
4.	1973 -- June 24, Arson Fire, gay UpStairs Cocktail Lounge, New Orleans, LA ³¹³³	-- 32
5.	1970 -- Dec 20, Arson Fire, Pioneer International Hotel, Tucson, AZ ³¹³⁴	-- 28
6.	1980 -- Dec 4, Fire, Conference Ctr. at Stouffer's Inn (possibly arson), ³¹³⁵ Harrison, NY	-- 26
7.	1963 -- Nov 18, Fire (arson?), Surfside Hotel (elderly home), Atlantic City, NJ ³¹³⁶	-- 25
8.	1982 -- Sep 04, Arson Fire, Dorothy Mae Apartments/Hotel, Los Angeles, CA ³¹³⁷	--24-25
9.	1976 -- Jan 30, Arson Fire, Wincrest Nursing Home, Chicago, IL ³¹³⁸	-- 24
10.	2003 -- Oct 25-Nov 4, Arson Wildfires (esp. Cedar, Old Fire, Paradise), Southern CA ³¹³⁹	--22-24
11.	1944 -- Mar 28, Arson Fire, New Amsterdam Hotel, San Francisco, CA ³¹⁴⁰	-- 22
12.	1979 -- Jan 20, Arson Fire, Tenement, Clinton Street, Hoboken, NJ ³¹⁴¹	-- 21
13.	1885 -- Feb 12, Arson Fire, Dept. for Insane, Blockley Almshouse, Philly, PA ³¹⁴²	--19-20
14.	1970 -- Mar 20, Arson Fire, Ozark Hotel ("flophouse"), Seattle, WA ³¹⁴³	-- 20
15.	1900 -- Mar 12, Arson Fire (charged), Italian Tenement Building, Newark, NJ ³¹⁴⁴	-- 16
16.	1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV ³¹⁴⁵	-- 15
17.	1984 -- July 4, Arson Fire, Elliott Chambers Rooming Home, Beverly, MA ³¹⁴⁶	-- 15
18.	1984 -- Oct 18, Arson Fire, Alexander Hamilton residential Hotel, Paterson, NJ ³¹⁴⁷	-- 15
19.	1900 -- July 3, Arson Fire (alleged), Tenement, Adams and First Sts., Hoboken, NJ ³¹⁴⁸	--13-14
20.	1966 -- Sep 12, Lane Hotel arson fire, Anchorage, AK ³¹⁴⁹	-- 14
21.	1982 -- July 5, Arson Fire, Apartment Building, Waterbury, CT ³¹⁵⁰	-- 14
22.	2016 -- Nov 28, Chimney Tops 2 arson Wildfire hits Gatlinburg, Sevier County, TN ³¹⁵¹	-- 14

³¹³⁰ Cross-listed in Fire-Structural.

³¹³¹ Cross-listed in Fire-Structural

³¹³² Cross-listed in Fire-Structural.

³¹³³ Cross-listed in Fire-Structural.

³¹³⁴ Cross-listed in Fire-Structural.

³¹³⁵ Cross-listed in Fire-Structural. A waiter was charged with arson and 26 counts of murder and found guilty by jury; however, the presiding judge overturned the verdict citing insufficient evidence. This act was appealed but upheld by State Supreme Court.

³¹³⁶ Ex-mental patient and arsonist arrested and "confessed," but was not indicted. Cross-listed in Fire, Structural.

³¹³⁷ Cross-listed in Fire-Structural.

³¹³⁸ Cross-listed in Fire-Structural.

³¹³⁹ Cross-listed in Fires – Forest, Prairie and Wildfires.

³¹⁴⁰ Cross-listed in Fire-Structural.

³¹⁴¹ Cross-listed in Fire-Structural.

³¹⁴² Cross-listed in Fire-Structural.

³¹⁴³ Cross-listed in Fire-Structural.

³¹⁴⁴ Cross-listed in Fire-Structural.

³¹⁴⁵ Cross-listed in Explosions and in Fire (gas can deliberately thrown into fire from kicked-over stove).

³¹⁴⁶ Cross-listed in Fire-Structural.

³¹⁴⁷ Cross-listed in Fire-structural. (Originally a hotel, but had become a low-rent apartment building.)

³¹⁴⁸ Cross-listed in Fire-Structural.

³¹⁴⁹ Cross-listed in Fire-Structural.

³¹⁵⁰ Cross-listed in Fire-Structural.

³¹⁵¹ Cross-listed in Fire-Wildfires.

- 23. 1932 -- Jun 07, Arson Fire (explosion set?), Ellington Apartments, Cleveland, OH³¹⁵² -- 13
- 24. 1965 -- Dec 11, Arson Fire, Seeley Club (Tavern), Chicago, IL³¹⁵³ -- 13
- 25. 1982 -- April 30, Arson Fire, Pinter (residential) Hotel, 14th Street, Hoboken, NJ³¹⁵⁴ -- 13

VIOLENCE Subset – **ARSON** Manslaughter/Homicide – **By Mortality**

- 26. 1965 -- Dec 20, Arson Fire, Jewish Community Center, Yonkers, NY³¹⁵⁵ -- 12
- 27. 1968 -- Feb 16, Arson Fire, Randolph Tavern, 107 W. Reed Street, Moberly, MO³¹⁵⁶ -- 12
- 28. 1969 -- June 08, Arson Fire (Patricide), Bailey Family Home, Parkersburg, WV³¹⁵⁷ -- 12
- 29. 1975 -- July 07, Arson Fire, Pomona Hotel, Portland, OR³¹⁵⁸ --11-12
- 30. 1978 -- Nov 05, Arson Fire, Allen Motor Inn, Honesdale, Wayne County, PA³¹⁵⁹ -- 12
- 31. 2006 -- Oct 31, Arson Fire, Mizpah Hotel, North Lake St., Reno, NV³¹⁶⁰ -- 12

- 32. 1854 -- Apr 25, Arson Fire, Jennings Building (all firemen), Broadway, NY, NY³¹⁶¹ -- 11
- 33. 1973 -- Sep 29, Arson Fire, Tenement, Eleventh & Willow, Hoboken, NJ³¹⁶² -- 11
- 34. 1981 -- Oct 24, Arson Fire, Apartment Bldg., 12th and Washington, Hoboken, NJ³¹⁶³ -- 11

- 35. 1935 -- Sep 29, Arson Fire, Tenement, Chicago, IL³¹⁶⁴ -- 10
- 36. 1973 -- Jan 29, Arson Fire, Street's Sheltered Care Rest Home, Pleasantville, NJ³¹⁶⁵ -- 10
- 37. 1979 -- July 31, Arson Fire/smoke inhalation deaths, Holiday Inn, Cambridge, OH³¹⁶⁶ -- 10
- 38. 1980 -- Oct 28, Arson Fire, Apartment Building (Leonard Kidd), Chicago, IL³¹⁶⁷ -- 10
- 39. 1993 -- May 3, Arson Fire, Apt./Tenement Bldg., Burlington Ave., Los Angeles, CA³¹⁶⁸ -- 10
- 40. 2004 -- Sep 12, Arson Fire, Lincoln Park West Apartments, Prairie Township, OH -- 10

Other:

- 1. 2005 -- May 21, Arson Fire, House during child's birthday sleepover, Cleveland, OH³¹⁶⁹ -- 9
- 2. 1993 -- Feb 27, Arson Fire, Apartment Building, Providence, RI³¹⁷⁰ -- 6
- 3. 1992 -- July 7, Arson Fire set by mother kills six of her children, Baltimore, MD³¹⁷¹ -- 6

³¹⁵² Cross-listed in Fire-Structural.

³¹⁵³ Cross-listed in Fire-Structural.

³¹⁵⁴ Cross-listed in Fire-Structural.

³¹⁵⁵ Cross-listed in Fire-Structural.

³¹⁵⁶ Cross-listed in Fire-Structural.

³¹⁵⁷ Cross-listed in Fire-Structural.

³¹⁵⁸ Cross-listed in Fire-Structural.

³¹⁵⁹ Cross-listed in Fire-Structural.

³¹⁶⁰ Cross-listed in Fire-Structural.

³¹⁶¹ Cross-listed in Fire-Structural.

³¹⁶² Cross-listed in Fire-Structural.

³¹⁶³ Cross-listed in Fire-Structural.

³¹⁶⁴ Cross-listed in Fire-Structural.

³¹⁶⁵ Cross-listed in Fire-Structural.

³¹⁶⁶ Cross-listed in Fire-Structural.

³¹⁶⁷ Cross-listed in Fire-Structural.

³¹⁶⁸ Cross-listed in Fire-Structural.

³¹⁶⁹ Cross-listed in Fire-Structural.

³¹⁷⁰ Cross-listed in Fire-Structural.

³¹⁷¹ Cross-listed in Fire-Structural.

VIOLENCE Subset – **ARSON** Manslaughter/Homicide³¹⁷² – **Chronological**

1. 1854 -- Apr 25, Arson Fire, Jennings Building (all firemen), Broadway, NY, NY -- 11
2. 1885 -- Feb 12, Arson Fire, Dept. for Insane, Blockley Almshouse, Philly, PA --19-20
3. 1900 -- Mar 12, Arson Fire (charged), Italian Tenement Building, Newark, NJ -- 16
4. 1900 -- July 3, Arson Fire (alleged), Tenement, Adams and First Sts., Hoboken, NJ --13-14
5. 1932 -- Jun 07, Arson Fire (explosion set?), Ellington Apartments, Cleveland, OH -- 13
6. 1935 -- Sep 29, Arson Fire, Tenement, Chicago, IL -- 10
7. 1944 -- Mar 28, Arson Fire, New Amsterdam Hotel, San Francisco, CA -- 22
8. 1947 -- Dec 25, Gas thrown on fire/explos., Washoe tribe gambling shack, Dresslerville, NV³¹⁷³-- 15
9. 1963 -- Nov 18, Fire (arson?), Surfside Hotel (elderly home), Atlantic City, NJ³¹⁷⁴ -- 25
10. 1965 -- Dec 11, Arson Fire, Seeley Club (Tavern), Chicago, IL -- 13
11. 1965 -- Dec 20, Arson Fire, Jewish Community Center, Yonkers, NY -- 12
12. 1966 -- Sep 12, Lane Hotel arson fire, Anchorage, AK -- 14
13. 1968 -- Feb 16, Arson Fire, Randolph Tavern, 107 W. Reed Street, Moberly, MO -- 12
14. 1969 -- June 8, Arson (Patricide), Bailey Family Home Fire, Parkersburg, WV -- 12
15. 1970 -- Mar 20, Arson Fire, Ozark Hotel (“flopouse”), Seattle, WA -- 20
16. 1970 -- Dec 20, Arson Fire, Pioneer International Hotel, Tucson, AZ -- 28
17. 1973 -- Jan 29, Arson Fire, Street’s Sheltered Care Rest Home, Pleasantville, NJ -- 10
18. 1973 -- June 24, Arson Fire, gay UpStairs Cocktail Lounge, New Orleans, LA -- 32
19. 1973 -- Sep 29, Arson Fire, Tenement, Eleventh & Willow, Hoboken, NJ -- 11
20. 1975 -- July 07, Arson Fire, Pomona Hotel, Portland, OR --11-12
21. 1976 -- Jan 30, Arson Fire, Wincrest Nursing Home, Chicago, IL -- 24
22. 1977 -- June 26, Arson Fire, Maury County Jail, Columbia, TN -- 42
23. 1978 -- Nov 05, Arson Fire, Allen Motor Inn, Honesdale, Wayne County, PA -- 12
24. 1979 -- Jan 20, Arson Fire, Tenement, Clinton Street, Hoboken, NJ -- 21
25. 1979 -- July 31, Arson Fire/smoke inhalation deaths, Holiday Inn, Cambridge, OH -- 10
26. 1980 -- Oct 28, Arson Fire, Apartment Building (Leonard Kidd), Chicago, IL -- 10
27. 1980 -- Dec 4, Fire, Conference Ctr. at Stouffer’s Inn (possibly arson),³¹⁷⁵ Harrison, NY-- 26
28. 1981 -- Oct 24, Arson Fire, Apartment Bldg., 12th and Washington, Hoboken, NJ -- 11
29. 1982 -- April 30, Arson Fire, Pinter (residential) Hotel, 14th Street, Hoboken, NJ -- 13
30. 1982 -- July 5, Arson Fire, Apartment Building, Waterbury, CT³¹⁷⁶ -- 14
31. 1982 -- Sep 04, Arson Fire, Dorothy Mae Apartments/Hotel, Los Angeles, CA --24-25

³¹⁷² All “Violence-Arson” listings are cross-listed in Fire-structural or Fire-wildfire.

³¹⁷³ Cross-listed in Explosions and in Fire (gas can deliberately thrown into fire from kicked-over stove).

³¹⁷⁴ Ex-mental patient and arsonist arrested and “confessed,” but was not indicted. Cross-listed in Fire, Structural.

³¹⁷⁵ Cross-listed in Fire-Structural. A waiter was charged with arson and 26 counts of murder and found guilty by jury; however, the presiding judge overturned the verdict citing insufficient evidence. This act was appealed but upheld by State Supreme Court.

³¹⁷⁶ Cross-listed in Fire-Structural.

- 32. 1984 -- July 04, Arson Fire, Elliott Chambers Rooming Home, Beverly, MA -- 15
- 33. 1984 -- Oct 18, Arson Fire, Alexander Hamilton residential Hotel, Paterson, NJ³¹⁷⁷ -- 15
- 34. 1986 -- Dec 31, Arson Fire, Dupont Plaza Hotel, San Juan, Puerto Rico -- 97

VIOLENCE Subset – **ARSON** Manslaughter/Homicide– **Chronological** (Cont.)

- 35. 1990 -- Mar 25, Arson Fire, Happy Land Social Club, Bronx, NY -- 87
- 1992 -- July 7, Arson Fire set by mother kills six of her children, Baltimore, MD -- 6
- 1993 -- Feb 27, Arson Fire & Mass Murder, Apartment Building, Providence, RI -- 6
- 36. 1993 -- May 3, Arson Fire, Apt./Tenement Bldg., Burlington Ave., Los Angeles, CA -- 10
- 37. 2004 -- Sep 12, Arson Fire, Lincoln Park West Apartments, Prairie Township, OH -- 10
- 2005 -- May 21, Arson Fire, House during child's birthday sleepover, Cleveland, OH -- 9
- 38. 2006 -- Oct 31, Arson Fire, Mizpah Hotel, North Lake St., Reno, NV -- 12
- 39. 2016 -- Nov 28, Chimney Tops 2 arson Wildfire hits Gatlinburg, Sevier County, TN -- 14

³¹⁷⁷ Originally a hotel, but had become a low-rent apartment building.

VIOLENCE Subset – **ATTACKS/BATTLES** --By **MORTALITY**

1. 1540 -- Oct 18, Spanish (de Soto) battle/massacre, with Atahachi, Mabila, AL --2,500-6,000
2. 1941 -- Dec 07, Attack by Japanese on Pearl Harbor, HI --2,402
3. 1712 -- Jan 28, NC/SC Militia, Indian allies retaliate against Tuscaroras, Craven Co. NC-300
4. 1779 -- Feb 14, boat theft, hostage-taking attempt, violence, Cpt. James Cook/Hawaiians-- 22
5. 1800 -- Feb 01, U.S. Frigate *Constellation* engagement with French *La Vengeance*³¹⁷⁸ -- 160
6. 1802 -- June, Tlingits attack Russians/Aleut workers, Fort Archangel St. Michael, AK-- ≤150
7. 1866 -- Sep, Indians attack settlers, train, wagon train, MT, WY -- 150
8. 1941 -- Oct 31, USS *Reuben James* Sunk, German Submarine, near Iceland³¹⁷⁹ -- 115
9. 1864 -- July 28-29, US Army attacks Dakota Sioux, Killdeer Mountain, ND Territory --~100
10. 1677 -- June 29, Natives attack party of 90 settlers near Black Point, ME -- 60
11. 1778 -- May 30, Violence, Loyalists and Indians attack Cobus Kill Settlement, NY -- ~52
12. 1851 -- Jan 11, Whites attack Natives, Mt. ~No. Fork, San Joaquin Ri., Mariposa Co., CA --23-50
13. 1616 -- George Yeardley, Dep. Governor of Virginia Colony, Attacks Chickahominy --12-40
14. 1840 -- Aug 12, Battle, TX militia catch-up with Comanche raiders; attack ~Plum Creek TX-25-40
15. 1987 -- May 17, USS *Stark* hit by Iraqi Air Force Mirage missiles, Persian Gulf³¹⁸⁰ -- 37
16. 1967 -- June 8, USS *Liberty* Attacked by Israeli Air and Naval Craft, near Sinai Penn. -- 34
17. 1969 -- Apr 14, Navy EC-121M Shot Down by North Korea, Sea of Japan³¹⁸¹ -- 31
18. 1851 -- Jun, Battle Rock battle, Pacific Mail men kill natives with cannon, Port Orford, OR --13-30
19. 1918 -- Oct 04, Steamer *San Sabo* strikes mine, 15 miles SW of Barnegat, NJ³¹⁸² -- 30
20. 1675 -- Sep late, Natives attack settlers, relief force ambushed, Scarborough vic., ME --23-24
21. 1840 -- Aug 6-7, Council House Retaliation; Comanches raid Victoria & vicinity, TX --15-23
22. 1851 -- Jun 17, Maj. Kearny, USA Dragoons, attacks Natives, Rogue Ri. Valley., OR--~12-22
23. 1856 -- Jun 2-3 USA Cpt. Augur & Vols. Attack Natives, Painted Rock Rogue Ri., OR-- >21
24. 1541 -- ~Mar 10, Hernando de Soto forces & “Chicasa” battle and “slaughter,” MS³¹⁸³-->20?
25. 1852 -- Jul 17, Whites attack Rogue River Natives, Big Bar, near Table Rock, OR -- 4-20
26. 1655 -- Mar 20, Battle of Severn, Catholics attack Puritans, Horn Pt., Annapolis, MD³¹⁸⁴-- 19
27. 1657 -- Navajo attack Jemez Pueblo, Jémez Province, NM -- 19
28. 1853 -- Aug 24, Lane attacks Rogue River Natives ~Evans Creek ~Table Rock, OR --13-19
29. 1643 -- Fall, Dutch/English force assisted by Stamford, CT settlers attack Natives, CT--18-20
30. 1916 -- Mar 09, Pancho Villa Attacks Columbus, NM -- 18
31. 1958 -- Sep 02, USAF C130A Hercules shot-down over Sasnashen, Armenia, USSR³¹⁸⁵-- 17
32. 1953 -- July 29, Yokota Air Base, Japan, USAF RB-50, shot down, Sea of Japan³¹⁸⁶ -- 16

³¹⁷⁸ Cross-listed in Maritime.

³¹⁷⁹ Cross-listed in Maritime. This was before Pearl Harbor and U.S. declarations of war -- part of Neutrality Patrol.

³¹⁸⁰ Cross-listed in Maritime.

³¹⁸¹ Cross-listed in Aviation.

³¹⁸² Cross-listed in Maritime.

³¹⁸³ No estimate at all is made of the Natives killed, thus we have conjectured the number “more than 20,” as a very conservative, we think, estimate of the number of Natives killed. We know from Duncan’s account (*Hernando de Sota*, 1995) that the “Chicasa” attacked with a force of over three hundred about seven days earlier. Duncan, pulling from the accounts of the expedition afterwards, notes that there was a rout and a “pent-up rage” slaughter. It was usual for this particular force to kill all they could kill when in battle. There must have been a Native force again of something in the neighborhood of 300. We suspect that dozens, if not many dozens, were killed.

³¹⁸⁴ Cross-listed in Violence subsets of “Battles” and “Religious Violence.”

³¹⁸⁵ Cross-listed in Aviation.

³¹⁸⁶ Cross-listed in Aviation.

33. 1956 -- Aug 22, Navy P4M-1Q Shot Down near Wenchow, China³¹⁸⁷ -- 16
 34. 1975 -- May 14, Attack, USS *Mayaguez* Khmer Rouge, Koh Tang Island, Cambodia³¹⁸⁸-- 16
 35. 1851 -- Nov 22, Col. Casey (USA), attacks Coquille, south fork Coquille River, OR --5--15

VIOLENCE Subset – **ATTACKS/BATTLES** --By **MORTALITY** (Cont.)

36. 1598 -- Dec 4, Pueblo Natives kill Juan de Zaldivar & soldiers seeking corn flour, W NM -13
 37. 1832 -- July ~12, Battle of Pierre's Hole, fur-trappers, natives on both sides, ID -- 13
 38. 1669 -- June, Apache attack Acoma Pueblo, NM -- 12
 39. 1945 -- May 5, Civilian US Steamer *Black Point* Torpedoed, off Point Judith, RI³¹⁸⁹ -- 12
 40. 1952 -- Jun 13, Yokota Air Base, Japan, USAF RB-29, shot down, Sea of Japan³¹⁹⁰ -- 12
 41. 1968 -- Apr 01, Navy P3B Coastal Surveillance Shot Down, Gulf of Thailand³¹⁹¹ -- 12
 42. 1941 -- Oct 17, USS *Kearny* Torpedoed by German Submarine, off Iceland³¹⁹² -- 11
 43. 1659 -- Sep 25-mid Oct, murder retaliation, Natives attack Wiltwyck (Kingston, NY) -- ~10
 44. 1675 -- Sep 02, Settlers killed in Native attack on Northfield, MA -- 8-10
 45. 1689 -- Sep 26, Battle, Major Church force and Natives, near Falmouth (Portland), ME -- 10
 46. 1851 -- Jun 23-26, USA Maj. Kearny, other whites attack Natives, Table Rock, OR -- >10
 47. 1857 -- Jan-mid, White settlers attack Rogue River Natives, Rogue River valley, OR -- ~10
 48. 1950 -- Apr 08, USN Privateer Patrol Bomber Shot Down by USSR, Baltic Area³¹⁹³ -- 10
 49. 1951 -- Nov 6, P2V-3W Shot Down by Soviet Aircraft, Sea of Japan off Vladivostok -- 10

Other:

- 1856 -- Aug 30, Pro-slavery force attacks Osawatomie (John Brown), Miami Co., KS -- 5-8

³¹⁸⁷ Cross-listed in Aviation.

³¹⁸⁸ Cross-listed in Maritime.

³¹⁸⁹ Cross-listed in Maritime.

³¹⁹⁰ Cross-listed in Aviation.

³¹⁹¹ Cross-listed in Aviation.

³¹⁹² Cross-listed in Maritime. This was before Pearl Harbor and U.S. declarations of war.

³¹⁹³ Cross-listed in Aviation.

VIOLENCE Subset – **ATTACKS and/or BATTLES** -- **CHRONOLOGICAL**

50. 1540 -- Oct 18, Spanish (DeSoto) Battle with Maubila Natives, Clarke County, AL --6,082
51. 1598 -- Dec 4, Pueblo Natives kill Juan de Zaldivar & soldiers seeking corn flour, W NM -13
52. 1616 -- George Yeardley, Dep. Governor of Virginia Colony, Attacks Chickahominy --12-40
53. 1643 -- Fall, Dutch/English force assisted by Stamford, CT settlers attack Natives, CT--18-20
54. 1655 -- Mar 20, Battle of Severn, Catholics attack Puritans, Horn Pt., Annapolis, MD³¹⁹⁴--19
55. 1657 -- Navajo attack Jemez Pueblo, Jémez Province, NM -- 19
56. 1659 -- Sep 25-mid Oct, murder retaliation, Natives attack Wiltwyck (Kingston, NY) -- ~10
57. 1669 -- June, Apache attack Acoma Pueblo, NM -- 12
58. 1675 -- Sep 02, Settlers killed in Native attack on Northfield, MA -- 8-10
59. 1675 -- Sep late, Natives attack settlers, relief force ambushed, Scarborough vic., ME --23-24
60. 1677 -- June 29, Natives attack party of 90 settlers near Black Point, ME -- 60
61. 1689 -- Sep 26, Battle, Major Church force and Natives, near Falmouth (Portland), ME -- 10
62. 1712 -- Jan 28, NC/SC Militia, Indian allies retaliate against Tuscaroras, Craven Co. NC-300
63. 1778 -- May 30, Violence, Loyalists and Indians attack Cobus Kill Settlement, NY -- ~52
64. 1800 -- Feb 01, U.S. Frigate *Constellation* engagement with French *La Vengeance*³¹⁹⁵ -- 160
65. 1802 -- June, Tlingits attack Russians/Aleut workers, Fort Archangel St. Michael, AK-- ≤150
66. 1832 -- July ~12, Battle of Pierre's Hole, fur-trappers, natives on both sides, ID -- 13
67. 1840 -- Aug 6-7, Council House Retaliation; Comanches raid Victoria & vicinity, TX --15-23
68. 1840 -- Aug 12, Battle, TX militia catch-up with Comanche raiders; attack ~Plum Creek TX-25-40
69. 1851 -- Jan 11, Whites attack Natives, Mt. ~No. Fork, San Joaquin Ri., Mariposa Co. CA --23-50
70. 1851 -- Jun, Battle Rock battle, Pacific Mail men kill natives with cannon, Port Orford, OR --13-30
71. 1851 -- Jun 17, Maj. Kearny, USA Dragoons, attacks Natives, Rogue Ri. Valley., OR~12-22
72. 1851 -- Jun 23-26, USA Maj. Kearny, other whites attack Natives, Table Rock, OR -- >10
73. 1851 -- Nov 22, Col. Casey (USA), attacks Coquille, south fork Coquille River, OR --5~15
74. 1852 -- Jul 17, Whites attack Rogue River Natives, Big Bar, near Table Rock, OR -- 4-20
75. 1853 -- Aug 24, Lane attacks Rogue River Natives ~Evans Creek ~Table Rock, OR --13-19
76. 1856 -- Jun 2-3 USA Cpt. Augur & Vols. Attack Natives, Painted Rock Rogue Ri., OR-- >21
77. 1856 -- Aug 30, Pro-slavery force attacks Osawatomie (John Brown), Miami Co., KS -- 5-8
78. 1857 -- Jan-mid, White settlers attack Rogue River Natives, Rogue River valley, OR -- ~10
79. 1864 -- July 28-29, US Army attacks Dakota Sioux, Killdeer Mountain, ND Territory --~100
80. 1866 -- Sep, Indians attack settlers, train, wagon train, MT, WY -- 150
81. 1916 -- March 9, Pancho Villa Attacks Columbus, NM -- 18
82. 1918 -- Oct 04, Steamer *San Sabo* strikes mine, 15 miles SW of Barnegat, NJ³¹⁹⁶ -- 30

³¹⁹⁴ Cross-listed in Violence subset "Religious Violence."

³¹⁹⁵ Cross-listed in Maritime.

³¹⁹⁶ Cross-listed in Maritime.

83. 1941 -- Oct 17, USS *Kearny* Torpedoed by German Submarine, off Iceland³¹⁹⁷ -- 11
 84. 1941 -- Oct 31, USS *Reuben James* Sunk, German Submarine, near Iceland³¹⁹⁸ -- 115
 85. 1941 -- Dec 07, Attack by Japanese on Pearl Harbor, HI --2,402
 86. 1945 -- May 5, Civilian US Steamer *Black Point* Torpedoed, off Point Judith, RI³¹⁹⁹ -- 12

VIOLENCE Subset – **ATTACKS and/or BATTLES** – **CHRONOLOGICAL** (Cont.)

87. 1950 -- Apr 08, USN Privateer Patrol Bomber Shot Down by USSR, Baltic Area³²⁰⁰ -- 10
 88. 1951 -- Nov 6, P2V-3W Shot Down by Soviet Aircraft, Sea of Japan off Vladivostok -- 10
 89. 1952 -- Jun 13, Yokota Air Base, Japan, USAF RB-29, shot down, Sea of Japan³²⁰¹ -- 12
 90. 1953 -- July 29, Yokota Air Base, Japan, USAF RB-50, shot down, Sea of Japan³²⁰² -- 16
 91. 1956 -- Aug 22, Navy P4M-1Q Shot Down near Wenchow, China³²⁰³ -- 16
 92. 1958 -- Sep 02, USAF C130A Hercules shot-down over Sasnashen, Armenia, USSR³²⁰⁴ -- 17

 93. 1967 -- June 8, USS *Liberty* Attacked by Israeli Air and Naval Craft, near Sinai Penn. -- 34
 94. 1968 -- Apr 01, Navy P3B Coastal Surveillance Shot Down, Gulf of Thailand³²⁰⁵ -- 12
 95. 1969 -- Apr 14, Navy EC-121M Shot Down by North Korea, Sea of Japan³²⁰⁶ -- 31

 96. 1975 -- May 14, Attack, USS *Mayaguez* Khmer Rouge, Koh Tang Island, Cambodia³²⁰⁷ -- 16

 97. 1987 -- May 17, USS *Stark* hit by Iraqi Air Force Mirage missiles, Persian Gulf³²⁰⁸ -- 37

³¹⁹⁷ Cross-listed in Maritime. This was before Pearl Harbor and U.S. declarations of war.

³¹⁹⁸ Cross-listed in Maritime. This was before Pearl Harbor and U.S. declarations of war -- part of Neutrality Patrol.

³¹⁹⁹ Cross-listed in Maritime.

³²⁰⁰ Cross-listed in Aviation.

³²⁰¹ Cross-listed in Aviation.

³²⁰² Cross-listed in Aviation.

³²⁰³ Cross-listed in Aviation.

³²⁰⁴ Cross-listed in Aviation.

³²⁰⁵ Cross-listed in Aviation.

³²⁰⁶ Cross-listed in Aviation.

³²⁰⁷ Cross-listed in Maritime.

³²⁰⁸ Cross-listed in Maritime.

VIOLENCE Subset -- **BOMBINGS** -- Deadliest American --By **MORTALITY**

1.	1988 -- Dec 21, Pan Am Flight 103 Blown-Up over Lockerbie, Scotland-- ³²⁰⁹ (189 U.S.)	270
2.	1995 -- Apr 19, Oklahoma City Bombing, Alfred P. Murrah Federal Building, OK ³²¹⁰	-- 168
3.	1927 -- May 18, Dynamite Bombing, Bath Township Consolidated School, MI ³²¹¹	-- 46
4.	1962 -- May 22, Mass Mur., Continental Flight 11 Blown-Up over Unionville, MO ³²¹²	-- 45
5.	1955 -- Nov 01, Mass Murder, United Flight No. 629 Blown Up over Denver, CO ³²¹³	-- 44
6.	1959 -- Nov 16, National Air Flight 967 Crashes, suspected bomb, Gulf of Mexico ³²¹⁴	-- 42
7.	1920 -- Sep 16, Anarchist Bombing Mass Murder, Wall St. Terrorist Attack, NY ³²¹⁵	--30-38
8.	1960 -- Jan 06, Mass Murder, National Air Flight 2511 Blown-up, Bolivia, NC ³²¹⁶	-- 34
9.	1904 -- Jun 6-8, Labor Violence, Bombing/Shooting, Cripple Creek, Teller Co., CO ³²¹⁷	-- 21
10.	1910 -- Oct 1, Labor Violence/Trade Unionist Bombing, <i>LA Times</i> , Los Angeles, CA ³²¹⁸	-- 21
11.	2000 -- Oct 12, Suicide Terrorism, USS <i>Cole</i> Bombed, Port of Aden, Yemen ³²¹⁹	-- 17
12.	1901 -- July 04, Strike Riot, Dynamite Explosion, Smuggler Mine, Telluride, CO ³²²⁰	-- 15
13.	1975 -- Dec 29, Mass Mur., Bomb Explos., LaGuardia AP Terminal, Brooklyn, NY ³²²¹	-- 13
14.	1886 -- May 3-4, Labor Haymarket Affair/Bombing/Riot/Massacre, Chicago, IL ³²²²	-- 11
15.	1985 -- May 13, Gov. Force, Philly Police Bomb MOVE Group, Row House Fire, PA ³²²³	--11
16.	1916 -- July 22, Mass Mur., Preparedness Day Parade Bombing, San Francisco CA ³²²⁴	-- 10
17.	1917 -- Nov 24, Bomb Explosion, Central Police Station, Milwaukee, WI ³²²⁵	-- 10

Other:

	1980 -- Sep 20, ex-wife & family killed by ex-husband's booby-trap bomb, Olathe, KS	-- 6
	1993 -- Feb 26, World Trade Center Terrorism Bombing, NY, NY ³²²⁶	-- 6
	1918 -- Sep 04, Bomb Explosion, Federal Building, Chicago, IL ³²²⁷	-- 4
	1998 -- Jan 29, Abortion Clinic Bombing, (Eric Rudolph), Birmingham, AL	-- 1

³²⁰⁹ Sub-listed in Terrorism and cross-listed in Aviation.

³²¹⁰ Cross-listed in Violence – Mass Murder, and in Violence -- Terrorism.

³²¹¹ Kehoe's bombs initially killed 37 elementary school children and 2 teachers. He murdered his wife. Detonated car bomb killing himself, school superintendent, village postmaster, postmaster's father-in-law. On August 22, 1927, student Beatrice Gibbs dies of injuries, and about one-year later 2nd grader Richard Fritz died of "lingering injuries."

Cross-listed in Violence subset School Shootings/Bombings.

³²¹² Cross-listed under Aviation and Violence-Mass Murder.

³²¹³ Cross-listed under Aviation and Violence-Mass Murder.

³²¹⁴ Cross-listed in Aviation. Presumed bomb explosion thought to be for collection of insurance.

³²¹⁵ Cross-listed in Violence Mass Murder and in Violence-Terrorism.

³²¹⁶ Cross-listed under Aviation and Violence-Mass Murder.

³²¹⁷ Cross-listed under Violence, Labor.

³²¹⁸ Cross-listed in Violence-Labor Subset and in Violence-Mass Murder.

³²¹⁹ Cross-listed in Violence-Terrorism.

³²²⁰ Cross-listed in Violence-Labor Subset.

³²²¹ Cross-listed under Violence-Mass Murder.

³²²² Cross-listed in Violence-Labor Subset.

³²²³ Cross-listed under Fire-Structural and Violence, Governmental Use of Force

³²²⁴ Cross-listed under Violence-Mass Murder.

³²²⁵ Cross-listed in Violence-Terrorism.

³²²⁶ Cross-listed in Violence-Terrorism.

³²²⁷ Cross-listed in Violence-Terrorism.

VIOLENCE Subset -- **BOMBINGS** – Deadliest American -- **CHRONOLOGICAL**

1. 1886 -- May 3-4, Labor Haymarket Affair/Bombing/Riot/Massacre, Chicago, IL -- 11
2. 1901 -- July 04, Strike Riot, Dynamite Explosion, Smuggler Mine, Telluride, CO -- 15
3. 1904 -- Jun 6-8, Labor Violence, Bombing/Shooting, Cripple Creek, Teller Co., CO -- 21
4. 1910 -- Oct 1, Labor Violence/Trade Unionist Bombing, *LA Times*, Los Angeles, CA³²²⁸ -- 21
5. 1916 -- July 22, Mass Mur., Preparedness Day Parade Bombing, San Francisco CA -- 10
6. 1917 -- Nov 24, Bomb Explosion, Central Police Station, Milwaukee, WI -- 10
- 1918 -- Sep 04, Bomb Explosion, Federal Building, Chicago, IL -- 4
7. 1920 -- Sep 16, Anarchist Bombing Mass Murder, Wall St. Terrorist Attack, NY³²²⁹ --30-38
8. 1927 -- May 18, Dynamite Bombing, Bath Township Consolidated School, MI³²³⁰ -- 46
9. 1955 -- Nov 01, Mass Murder, United Flight No. 629 Blown Up over Denver, CO -- 44
10. 1959 -- Nov 16, National Air Flight 967 Crashes, suspected bomb, Gulf of Mexico³²³¹ -- 42
11. 1960 -- Jan 06, Mass Murder, National Air Flight 2511 Blown-up, Bolivia, NC -- 34
12. 1962 -- May 22, Mass Mur., Continental Flight 11 Blown-Up over Unionville, MO -- 45
13. 1975 -- Dec 29, Mass Mur., Bomb Explos., LaGuardia AP Terminal, Brooklyn, NY -- 13
- 1980 -- Sep 20, ex-wife & family killed by ex-husband's booby-trap bomb, Olathe, KS-- 6
14. 1985 -- May 13, Gov. Force, Philly Police Bomb MOVE Group, Row House Fire, PA-- 11
15. 1988 -- Dec 21, Pan Am Flight 103 Blown-Up over Lockerbie, Scotland--³²³² (189 U.S.) 270
- 1993 -- Feb 26, World Trade Center Terrorism Bombing, NY, NY -- 6
16. 1995 -- Apr 19, Oklahoma City Bombing, Alfred P. Murrah Federal Building, OK³²³³ -- 168
- 1998 -- Jan 29, Abortion Clinic Bombing, (Eric Rudolph), Birmingham, AL -- 1
17. 2000 -- Oct 12, Suicide Terrorism, USS *Cole* Bombed, Port of Aden, Yemen -- 17

³²²⁸ Cross-listed in Violence-Labor Subset and in Violence-Mass Murder.

³²²⁹ Cross-listed in Violence Mass Murder and in Violence-Terrorism.

³²³⁰ Kehoe's bombs initially killed 37 elementary school children and 2 teachers. He murdered his wife. Detonated car bomb killing himself, school superintendent, village postmaster, postmaster's father-in-law. On August 22, 1927, student Beatrice Gibbs dies of injuries, and about one-year later 2nd grader Richard Fritz died of "lingering injuries." Cross-listed in Violence subset School Shootings/Bombings.

³²³¹ Cross-listed in Aviation. Presumed bomb explosion thought to be for collection of insurance.

³²³² Sub-listed in Terrorism and cross-listed in Aviation.

³²³³ Cross-listed in Violence – Mass Murder, and in Violence -- Terrorism.

VIOLENCE – CIVIL WAR ATROCITIES and/or WAR CRIMES Subset – By Mortality

1. 1864 -- July 30, Rebels kill wounded/surrendered/trapped black soldiers, Petersburg, VA -- ~500
2. 1864 -- Apr 20-22, Rebels kill black soldiers, runaway slaves, others, Plymouth, NC-300-400
3. 1864 -- Apr 12/13, Massacre, Confederates kill captives, esp. Black, Fort Pillow, TN -- ~300
4. 1863 -- Aug 21, Atrocity/War Crime, Quantrell's Raiders attack Lawrence, KS -- 191
5. 1864 -- Apr 25, Rebels murder runaway slaves with Union force, Marks' Mills, AR>100-150
6. 1864 -- Feb 20, Atrocity, Confederates kill wounded black U.S. soldiers, Olustee, FL --25-75
7. 1864 -- Oct 03, Confederates murder wounded Union soldiers, Saltville, VA --24-70
8. 1864 -- Sep 16, Rebel Indian/Texan force murder black Union soldiers, Flat Rock, OK-- ≤40
9. 1862 -- Aug 10, Rebel cav. attacks fleeing Germans, Nueces River, Kenney Co., TX³²³⁴-9-28
10. 1865--Jan 25, Guerrillas kill black Union soldiers herding cattle ~Simpsonville, KY³²³⁵19-28
11. 1864 -- Sep 27, Train Robbery/Murders, Bill Anderson/Jesse James, Centralia MO³²³⁶--22-27
12. 1863 -- Aug 04, Massacre, Confederates kill captured Union black soldiers, Jackson, LA-- 23
13. 1864 -- Apr 30, Captured and/or wounded soldiers killed, Battle of Jenkins' Ferry, AR -->20
14. 1864 -- June 10, Confederates kill captured black soldiers, Battle of Brice's Cross Roads, MS-- >20
15. 1863 -- ~Jan 18, Shelton Laurel Massacre, Rebels murder Unionists, Madison Co., NC-- 13
16. 1862 -- Oct 18, Unionist disappears, Union Col. executes Rebel prisoners, Palmyra, MO-- 10
17. 1864 -- Apr 18, Rebels & Choctaws kill wounded & captured blacks, Poison Spring, AR->10
18. 1864 -- Aug 19, Rebels kill Fifth MI Cavalry soldiers after surrender ~ Berryville, VA-- ≥10

19. 1861 -- Sep 23, Free-state Unionist Jayhawker guerrillas sack and burn Osceola, MO -- 9

³²³⁴ The range is meant to distinguish between execution of nine captured wounded and 19 others killed in the attack.

³²³⁵ A KY road marker titles this a massacre, as do several sources (and a slaughter), but not without disagreement.

³²³⁶ Cross-listed in Violence-Mass Murder. "Several" or "some" of the fatalities, which we translate as "3" were Centralia residents, not train passengers. The range for train killed generally runs from 22-25, mostly unarmed Union soldiers.

VIOLENCE – CIVIL WAR ATROCITIES and/or WAR CRIMES -- Chronological

1. 1861 -- Sep 23, Free-state Unionist Jayhawker guerrillas sack and burn Osceola, MO -- 9
2. 1862 -- Aug 10, Rebel cav. attacks fleeing Germans, Nueces River, Kenney Co., TX³²³⁷-9-28
3. 1862 -- Oct 18, Unionist disappears, Union Col. executes Rebel prisoners, Palmyra, MO-- 10
4. 1863 -- ~Jan 18, Shelton Laurel Massacre, Rebels murder Unionists, Madison Co., NC-- 13
5. 1863 -- Aug 04, Massacre, Confederates kill captured Union black soldiers, Jackson, LA-- 23
6. 1863 -- Aug 21, Atrocity/War Crime, Quantrell's Raiders attack Lawrence, KS -- 191
7. 1864 -- Feb 20, Atrocity, Confederates kill wounded black U.S. soldiers, Olustee, FL --25-75
8. 1864 -- Apr 12/13, Massacre, Confederates kill captives, esp. Black, Fort Pillow, TN -- ~300
9. 1864 -- Apr 18, Rebels & Choctaws kill wounded & captured blacks, Poison Spring, AR->10
10. 1864 -- Apr 20-22, Rebels kill black soldiers, runaway slaves, others, Plymouth, NC-300-400
11. 1864 -- Apr 25, Rebels murder runaway slaves with Union force, Marks' Mills, AR>100-150
12. 1864 -- Apr 30, Captured and/or wounded soldiers killed, Battle of Jenkins' Ferry, AR -->20
13. 1864 -- June 10, Confederates kill captured black soldiers, Battle of Brice's Cross Roads, MS-- >20
14. 1864 -- July 30, Rebels kill wounded/surrendered/trapped black soldiers, Petersburg, VA-- ~500
15. 1864 -- Aug 19, Rebels kill Fifth MI Cavalry soldiers after surrender ~Berryville, VA-- ≥10
16. 1864 -- Sep 16, Rebel Indian/Texan force murder black Union soldiers, Flat Rock, OK-- ≤40
17. 1864 -- Sep 27, Train Robbery/Murders, Bill Anderson/Jesse James, Centralia MO³²³⁸--22-27
18. 1864 -- Oct 03, Confederates murder wounded Union soldiers, Saltville, VA --24-70
19. 1865--Jan 25, Guerrillas kill black Union soldiers herding cattle ~Simpsonville, KY³²³⁹19-28

³²³⁷ The range is meant to distinguish between execution of nine captured wounded and 19 others killed in the attack.

³²³⁸ Cross-listed in Violence-Mass Murder. "Several" or "some" of the fatalities, which we translate as "3" were Centralia residents, not train passengers. The range for train killed generally runs from 22-25, mostly unarmed Union soldiers.

³²³⁹ A KY road marker titles this a massacre, as do several sources (and a slaughter), but not without disagreement.

VIOLENCE Subset -- **CRUSHING/Tramplng/Stampede/Suffocation**³²⁴⁰ -- **By Mortality**

1. 1903 -- Dec 30, Tramplng, Suffocation, Iroquois Theater Fire, Chicago, IL³²⁴¹ -- 602
2. 1942 -- Nov 28, Fire/tramplng/suffocation, Cocoanut Grove Nightclub, Boston, MA³²⁴² --498
3. 1876 -- Dec 05, Fire, Tramplng, Suffocation, Conway Theater, Brooklyn, NY³²⁴³ --284-300
4. 1940 -- April 23, Rhythm Night Club fire/suffocation/tramplng, Natchez, MS -- 209
5. 1908 -- Mar 04, Fire/Tramplng/Suffocation, Lakeview Sch., Collinwood, OH³²⁴⁴ --172-178
6. 1908 -- Jan 13, Fire and Tramplng, Rhoads Opera House, Boyertown, PA³²⁴⁵ --169-175
7. 1902 -- Sep 20, Panic/Stampede, Shiloh Baptist Church Birmingham, AL -- 115
8. 2003 -- Feb 20, Fire, Tramplng, Station Nightclub, West Warwick, RI³²⁴⁶ -- 100
9. 1913 -- Dec 24, Crushing/Tramplng Italian Hall Disaster, Calumet, MI --73-75
10. 1919 -- Nov 22, Stove Explos./Fire/Crushing, Dance Hall/Store, Ville Platte LA³²⁴⁷ --25-28
11. 1895 -- Dec 27, Fire Panic, Tramplng, Front St. Theater, Baltimore, MD -- 27
12. 1911 -- Aug 26, Tramplng/Suffocation, Opera House, Canonsburg, PA -- 26
13. 1915 -- Oct 28, Fire, Tramplng, St. John's Parochial School, Peabody, MA³²⁴⁸ -- 21
14. 2003 -- Feb 17, Stampede/Crushing/Asphyxiation, E2/Epitome Night Club, Chicago, IL-- 21
15. 1876 -- Oct 30, Fire Scare/Tramplng, Chinese Royal Theatre, Jackson St. SF, CA --19-20
16. 1906 -- Jan 21, Fire, Tramplng, St. Paul's Baptist Church, Philadelphia, PA -- 18
17. 1883 -- May 30, Crushing/Tramplng, Brooklyn Bridge, NY, NY -- 12
18. 1889 -- Dec 10, Fire Scare, Tramplng, Parke Theater/Opera House, Johnstown, PA -- 12
19. 1871 -- Nov 5, Violence-Tramplng, African Baptist Meeting-house, Louisville, KY -- 11
20. 1905 -- Feb 27, Floor Collapse/Fire Scare/Tramplng, Church Service, Brooklyn NY³²⁴⁹ -- 11
21. 1979 -- Dec 3, WHO Concert Crushing/Tramplng, Riverfront Colsm., Cincinnati OH-- 11
22. 1902 -- Apr 30, False-alarm fire panic, Harburger, Homan Cigar Factory, Philly, PA -- 8-10

Other:

- 1991 -- Dec 28, Tramplng/Crushing, Nat Holman Gym basketball game, City College, NY-- 9

³²⁴⁰ An admittedly arbitrary listing under Violence – seems like a violent way to die to the author.

³²⁴¹ Cross-listed in Fire-Structural

³²⁴² Cross-listed in Fire-Structural.

³²⁴³ Cross-listed under Fire-Structural

³²⁴⁴ Cross-listed under Fire-Structural

³²⁴⁵ Cross-listed under Fire-Structural

³²⁴⁶ Cross-listed under Fire-Structural

³²⁴⁷ Cross-listed in Explosions and in Fires/Structural – about half the fatalities were due to crushing.

³²⁴⁸ Cross-listed in Fire-Structural. Most of the girls died at the door block.

³²⁴⁹ Cross-listed under Structural Failures

VIOLENCE Subset -- **CRUSHING/Tramplng/Stampede/Suffocation**³²⁵⁰ -- **Chronological**

1. 1871 -- Nov 5, Violence-Tramplng, African Baptist Meeting-house, Louisville, KY -- 11
2. 1876 -- Oct 30, Fire Scare/Tramplng, Chinese Royal Theatre, Jackson St. SF, CA --19-20
3. 1876 -- Dec 05, Fire, Tramplng, Suffocation, Conway Theater, Brooklyn, NY³²⁵¹ --284-300

4. 1883 -- May 30, Crushing/Tramplng, Brooklyn Bridge, NY, NY -- 12
5. 1889 -- Dec 10, Fire Scare, Tramplng, Parke Theater/Opera House, Johnstown, PA -- 12

6. 1895 -- Dec 27, Fire Panic, Tramplng, Front St. Theater, Baltimore, MD -- 27

7. 1902 -- Apr 30, False-alarm fire panic, Harburger, Homan Cigar Factory, Philly, PA -- 8-10
8. 1902 -- Sep 20, Panic/Stampede, Shiloh Baptist Church Birmingham, AL -- 115
9. 1903 -- Dec 30, Tramplng, Suffocation, Iroquois Theater Fire, Chicago, IL³²⁵² -- 602
10. 1905 -- Feb 27, Floor Collapse/Fire Scare/Tramplng, Church Service, Brooklyn NY³²⁵³ -- 11
11. 1906 -- Jan 21, Fire, Tramplng, St. Paul's Baptist Church, Philadelphia, PA -- 18
12. 1908 -- Jan 13, Fire and Tramplng, Rhoads Opera House, Boyertown, PA³²⁵⁴ --169-175
13. 1908 -- Mar 04, Fire/Tramplng/Suffocation, Lakeview Sch., Collinwood, OH³²⁵⁵ --172-178

14. 1911 -- Aug 26, Tramplng/Suffocation, Opera House, Canonsburg, PA -- 26
15. 1913 -- Dec 24, Crushing/Tramplng Italian Hall Disaster, Calumet, MI --73-75
16. 1915 -- Oct 28, Fire, Tramplng, St. John's Parochial School, Peabody, MA³²⁵⁶ -- 21
17. 1919 -- Nov 22, Stove Explos./Fire/Crushing, Dance Hall/Store, Ville Platte LA³²⁵⁷ --25-28

18. 1940 -- April 23, Rhythm Night Club fire/suffocation/tramplng, Natchez, MS -- 209
19. 1942 -- Nov 28, Fire/tramplng/suffocation, Cocanut Grove Nightclub, Boston, MA³²⁵⁸--498
20. 1979 -- Dec 3, WHO Concert Crushing/Tramplng, Riverfront Colsm., Cincinnati OH-- 11

- 1991 -- Dec 28, Tramplng/crushing, Nat Holman Gym basketball game, City College, NY-9

21. 2003 -- Feb 17, Stampede/Crushing/Asphyxiation, E2/Epitome Night Club, Chicago, IL-- 21
22. 2003 -- Feb 20, Fire, Tramplng, Station Nightclub, West Warwick, RI³²⁵⁹ -- 100

³²⁵⁰ An admittedly arbitrary listing under Violence – seems like a violent way to die to the author.

³²⁵¹ Cross-listed under Fire-Structural

³²⁵² Cross-listed in Fire-Structural

³²⁵³ Cross-listed under Structural Failures

³²⁵⁴ Cross-listed under Fire-Structural

³²⁵⁵ Cross-listed under Fire-Structural

³²⁵⁶ Cross-listed in Fire-Structural. Most of the girls died at the door block.

³²⁵⁷ Cross-listed in Explosions and in Fires/Structural – about half the fatalities were due to crushing.

³²⁵⁸ Cross-listed in Fire-Structural.

³²⁵⁹ Cross-listed under Fire-Structural

VIOLENCE Subset -- **DEYDRATION** -- **By Mortality**

1. 1980 -- July 5-6, smugglers abandon immigrants, dehydration, Organ Pipe Cactus Nat. Mon., AZ³²⁶⁰--13

³²⁶⁰ Cross-listed in Violence in that smugglers deliberately abandoned these immigrants (men, women, children), after stealing their possessions (as well as an 18-month-old baby), and did not disclose that safety could be sought by going to a highway just three miles away.

VIOLENCE Subset – **FORCED MARCHES/Relocations, Trails of Tears** – **By Mortality**

1. 1838 -- May-March 1839, Cherokee Relocation, NE AL/NW GA/SE TN/NW NC to OK³²⁶¹ ~4,000
2. 1863 -- Sep 4-18, Nome Cult Trail of Tears, Concow Maidu, Chico to Round Valley, CA~32

VIOLENCE Subset – **Forced Marches/Relocations, Trails of Tears** – **Chronological**

1. 1838 -- May-March 1839, Cherokee Relocation, NE AL/NW GA/SE TN/NW NC to OK³²⁶² ~4,000
2. 1863 -- Sep 4-18, Nome Cult Trail of Tears, Concow Maidu, Chico to Round Valley, CA~32

³²⁶¹ Also referred to as Cherokee Trail of Tears as well as a “forced-march” relocation. Geographic area of coverage comes from sources in Narrative document and map in Thornton (1990) from Morris, Goins and McReynolds ([1965] 1986:20), entitled “The Trail of Tears.” Shows two Cherokee relocation routes from area encompassing north/northwest GA, southwest NC, southeast TN and northeast AL. One route is northwest through TN into KY, westward to southern IL, then down into southeastern MO, into northern Ark. and then westward into OK. Second route was westward through TN and AR to OK.

³²⁶² Also referred to as Cherokee Trail of Tears as well as a “forced-march” relocation. Geographic area of coverage comes from sources in Narrative document and map in Thornton (1990) from Morris, Goins and McReynolds ([1965] 1986:20), entitled “The Trail of Tears.” Shows two Cherokee relocation routes from area encompassing north/northwest GA, southwest NC, southeast TN and northeast AL. One route is northwest through TN into KY, westward to southern IL, then down into southeastern MO, into northern Ark. and then westward into OK. Second route was westward through TN and AR to OK.

VIOLENCE Subset -- **GOVERNMENTAL USE of FORCE** -- **By MORTALITY**

1. 1993 -- April 19, FBI/ATF attack Branch Davidian Compound/fire near Waco, TX³²⁶³-- 75
2. 1866 -- May 1-3, Racial riots, Irish police lead riots against blacks, Memphis, TN³²⁶⁴ --46-48
3. 1971 -- Sep 9-13, Attica Prison Riot and Government Re-taking of Prison, Attica, NY³²⁶⁵ --39
4. 1849 -- May 10, Astor Place Opera House Riot & Government Response, NYC --16-30
5. 1967 -- Jul 23-26, Detroit Race Rioting, US mil., MI NG, local/State Police, MI³²⁶⁶ --29-30
6. 1861 -- May 10, Camp Jackson Affair, Union German unit kills Civilians, St Louis, MO- ≥28
7. 1914 -- Apr 20, Gov. Force, Ludlow Massacre (CO NG Attacks Mining Strikers)³²⁶⁷ --18-25
8. 1897 -- Sep 10, Lattimer Massacre, Deputies Shoot Striking Miners, Lattimer, PA³²⁶⁸ -- 19
9. 1937 -- Mar 21, Ponce massacre, police fire on marchers, Ponce, Puerto Rico -- 19
10. 1967 -- July 12-17 (esp. 13th), Police Violence and Racial Rioting, Newark, NJ³²⁶⁹ -- ~19
11. 1943 -- Jun 20-22, Detroit Racial Riots, MI (subset of 34 dead) police killed only blacks-- 17
12. 1888 -- Dec 08, Hawes Lynch Mob fired on, Jefferson Co. Jail, Birmingham, AL --10-15
13. 1985 -- May 13, Gov. Force, Philly Police Bomb MOVE Group, Row House Fire, PA³²⁷⁰ --11
14. 1937 -- May 30, Unarmed Striking Steel Workers Shot by Police, Chicago, IL³²⁷¹ -- 10

Other:

1. 1919 -- Sep 9-11, Boston Police Strike, Martial Law, U.S. Cavalry Charge, MA³²⁷² -- 5-9
2. 1886 -- May 05, Strikers/bystanders shot by Wisc. militia, Bay View, Milwaukee, WI³²⁷³ -- 7
3. 1916 -- Nov 05, Labor Violence, IWW workers/local law enforcement, Everett, WA³²⁷⁴ -- 7
4. 1886 -- April 9, Governmental Violence, Labor Riot, East St. Louis, IL -- 6
5. 1927 -- Nov 21, Colorado Rangers shoot striking miners, Columbine Mine, Serene, CO³²⁷⁵-6
6. 1970 -- May 04, Kent State Demonstration and OH National Guard Shootings, OH -- 4
7. 1992 -- Aug 21-22, Violence, Gov. use of force, U.S. Marshals/FBI, Ruby Ridge, ID -- 3
8. 1932 -- July 28, US Military Moves on "Bonus Expeditionary Force" Vets, DC -- 2

³²⁶³ In addition, on Feb 28, 1993 10 died (4 ATF and 6 Davidians) when a force of about 100 ATF agents attempted to serve David Koresh at the Davidian compound near Waco.

³²⁶⁴ Forty-six blacks killed by police and rioters; 2 whites killed by friendly-fire. Cross-listed in Racial Violence.

³²⁶⁵ Cross-listed in Prison Riots.

³²⁶⁶ This is a subset of 43 riot-related deaths. According to Hofstadter, "The police killed twenty or twenty-one, the National Guard perhaps as many as nine, and the rioters two or three."

³²⁶⁷ Cross-listed in Violence-Labor-Related.

³²⁶⁸ Cross-listed in Violence Subset Labor-Related Violence

³²⁶⁹ Of the 25-26 deaths, 23 were from gunshots, approximately 19 of those by local and State Police and State National Guard. Cross-listed in Racial Violence.

³²⁷⁰ Cross-listed in Fire-Structural and Violence, Bombings.

³²⁷¹ Cross-listed in Violence sub-section Labor-Related.

³²⁷² Cross-listed in Violence/Labor-Related. The difference in numbers has to do with different estimates of those killed by government forces alone.

³²⁷³ Cross-listed in Violence subset Labor-Related.

³²⁷⁴ Cross-listed in Violence subset Labor-Related.

³²⁷⁵ Cross-listed in Labor Violence.

VIOLENCE Subset -- **GOVERNMENTAL USE of FORCE** -- **CHRONOLOGICAL**

1. 1849 -- May 10, Astor Place Opera House Riot & Government Response, NYC --16-30
2. 1861 -- May 10, Camp Jackson Affair, Union German unit kills Civilians, St Louis, MO- \geq 28
3. 1866 -- May 1-3, Racial riots, Irish police lead riots against blacks, Memphis, TN³²⁷⁶ --46-48

1886 -- Apr 09, Governmental Violence, Labor Riot, East St. Louis, IL -- 6
1886 -- May 05, Strikers/bystanders shot by Wisc. militia, Bay View, Milwaukee, WI³²⁷⁷ -- 7
4. 1888 -- Dec 08, Hawes Lynch Mob fired on, Jefferson Co. Jail, Birmingham, AL --10-15
5. 1897 -- Sep 10, Lattimer Massacre, Deputies Shoot Striking Miners, Lattimer, PA³²⁷⁸ -- 19

6. 1914 -- Apr 20, Gov. Force, Ludlow Massacre (CO NG Attacks Mining Strikers)³²⁷⁹ --18-25
1916 -- Nov 05, Labor Violence, IWW workers/local law enforcement, Everett, WA³²⁸⁰ -- 7
1919 -- Sep 9-11, Boston Police Strike, Martial Law, U.S. Cavalry Charge, MA³²⁸¹ -- 5-9

1927 -- Nov 21, Colorado Rangers shoot striking miners, Columbine Mine, Serene, CO³²⁸²-6

1932 -- July 28, US Military Moves on "Bonus Expeditionary Force" Vets, DC -- 2
7. 1937 -- Mar 21, Ponce massacre, police fire on marchers, Ponce, Puerto Rico -- 19
8. 1937 -- May 30, Unarmed Striking Steel Workers Shot by Police, Chicago, IL³²⁸³ -- 10

9. 1943 -- Jun 20-22, Detroit Racial Riots, MI (subset of 34 dead) police killed only blacks-- 17
10. 1967 -- July 12-17 (esp. 13th), Police Violence and Racial Rioting, Newark, NJ³²⁸⁴ -- ~19
11. 1967 -- Jul 23-26, Detroit Race Rioting, US mil., MI NG, local/State Police, MI³²⁸⁵ --29-30

1970 -- May 04, Kent State Demonstration and OH National Guard Shootings, OH -- 4
12. 1971 -- Sep 9-13, Gov. Force, Attica Prison Riot/Revolt and Assault, Attica, NY³²⁸⁶ -- 42
13. 1985 -- May 13, Gov. Force, Philly Police Bomb MOVE Group, Row House Fire, PA³²⁸⁷ --11

1992 -- Aug 21-22, Violence, Gov. use of force, U.S. Marshals/FBI, Ruby Ridge, ID -- 3

³²⁷⁶ Forty-six blacks killed by police and rioters; 2 whites killed by friendly-fire. Cross-listed in Racial Violence.

³²⁷⁷ Cross-listed in Violence subset Labor-Related.

³²⁷⁸ Listed as well under the Violence Subset Labor-Related Violence.

³²⁷⁹ Cross-listed under Violence-Labor-Related.

³²⁸⁰ Cross-listed in Violence subset Labor-Related.

³²⁸¹ Cross-listed in Violence/Labor-Related. The difference in numbers has to do with different estimates of those killed by government forces alone.

³²⁸² Cross-listed in Labor Violence.

³²⁸³ Cross-listed in Violence sub-section Labor-Related.

³²⁸⁴ Of the 25-26 deaths, 23 were from gunshots, approximately 19 of those by local and State Police and State National Guard. Cross-listed in Racial Violence.

³²⁸⁵ This is a subset of 43 riot-related deaths. According to Hofstadter, "The police killed twenty or twenty-one, the National Guard perhaps as many as nine, and the rioters two or three."

³²⁸⁶ Cross-listed in Prison Riots.

³²⁸⁷ Cross-listed in Fire-Structural.

VIOLENCE Subset -- **GOVERNMENTAL USE of FORCE** -- **CHRONOLOGICAL** (cont.)

14. 1993 -- April 19, FBI/ATF attack Branch Davidian Compound/fire near Waco, TX-- 75

VIOLENCE Subset -- **LABOR-Related** Clashes, Incidents, Riots -- **By Mortality**

1. 1877 -- Jul 20-26, Great Railroad Strike, Clash with Police/Mil., MD/IL/PA --92-100
2. 1887 -- Nov 23-25, Violence, racial/labor, striking sugarcane workers, Thibodaux, LA³²⁸⁸ --30->50
3. 1921 -- Aug 27-Sep 3, Battle of Blair Mt., Miners vs. Operators, Logan Co., WV --16->50
4. 1885 -- Sep 2, Labor/Racial Violence/Massacre, Chinese Miners, Rock Springs WY³²⁸⁹ -- 28
5. 1914 -- Apr 20, Ludlow Massacre (CO NG Attacks Striking Miners) Ludlow, CO³²⁹⁰ --18-25
6. 1922 -- Jun 21-22, Union miners murder non-union men and Guards ~Herrin, IL³²⁹¹ -- 23
7. 1904 -- Jun 6-8, Labor Violence, Bombing/Shooting, Cripple Creek, Teller County CO-- 21
8. 1905 -- Apr 6-Jul 19, Labor Violence, Teamsters' Strike and Riots, Chicago, IL -- 21
9. 1910 -- Oct 1, Labor Violence/Trade Unionist Bombing, *LA Times*, Los Angeles, CA³²⁹² -- 21
10. 1922 -- Jul 17, Striking Miners attack Saledka Mine, Sheriffs men, Cliftonville, WV -- 9-21
11. 1921 -- May 12-15, Battle of the Tug, coal mine labor conflict, Mingo County, WV -- 6-20
12. 1867 -- Apr 18, Labor Riot, Silver Bend Mining Co., Belmont, NV -- 20
13. 1911 -- Mar 9-15, Violence, Race Strike, Queen & Crescent Rail, KY, TN³²⁹³ -- 20
14. 1924 -- Sep 9, Labor Violence, Filipino Strikers/Sheriffs Clash, Hanapepe, Kauai, HI -- 20
15. 1897 -- Sep 10, Lattimer Massacre, Deputies Shoot Striking Miners, Lattimer, PA³²⁹⁴ -- 19
16. 1913 -- Feb 10, Labor Vio., Miners & Guards Clash, ~Mucklow, Kanawha County, WV-- 16
17. 1901 -- July 04, Strike Riot, Dynamite Explosion, Smuggler Mine, Telluride, CO³²⁹⁵ -- 15
18. 1898 -- Oct 12, Labor Violence, coal miners and mine guards shootout, Virden, IL --12-13
19. 1886 -- May 3-4, Labor Haymarket Affair/Bombing/Riot/Massacre, Chicago, IL³²⁹⁶ -- 11
20. 1891 -- Apr 2, Violence, Deputies Kill Strikers, Morewood Mine, Morewood, PA -- 11
21. 1892 -- July 06, Violence, Strikers & Pinkertons, Carnegie Steel, Homestead, PA -- 11
22. 1920 -- May 19, Matewan Massacre, coal miners/owners conflict, Mingo Co., WV --10-11
23. 1937 -- May 30, Unarmed Striking Steel Workers Shot by Police, Chicago, IL³²⁹⁷ -- 10

OTHER:

- 1919 -- Sep 9-11, Boston Police Strike, Martial Law, U.S. Cavalry Charge, MA³²⁹⁸ -- 5-9
1886 -- May 05, Strikers/bystanders shot by Wisc. militia, Bay View, Milwaukee, WI³²⁹⁹ -- 7

³²⁸⁸ There were unconfirmed reports of up to 300 fatalities. Cross-listed in Violence – Racial/Ethnic.

³²⁸⁹ Cross-listed in Violence-Racial Subset.

³²⁹⁰ Cross-listed in Violence subset, Governmental Use of Force.

³²⁹¹ Two striking union-miners were killed by mine guards on June 21 when attacked by a large group of the striking miners and one other died of his wounds on July 13. Nineteen to twenty non-union miners and mine guards were murdered on June 22 by union miners. (The coroner's records turned over to the grand jury indicated 20 nonunion men, while the records of the undertakers who buried them indicated 19 burials – 19 was the number used in great majority of accounts.) On Oct. 2 Ignus Kubins, a hospitalized nonunion miner died of his wounds. Thus, there were 23 certain fatalities, and possibly more. There were reports of missing men, of men tossed into a pond or drowned in a river while attempting to escape, and of men burned and consumed in the burning of railroad cars at the strip mine, thus the possibility exists of one or more additional deaths. Cross-listed in Violence-Mass Murder.

³²⁹² Cross-listed in Violence-Labor Subset and in Violence-Mass Murder.

³²⁹³ Cross-listed in Violence-Racial Subset.

³²⁹⁴ Listed as well under Violence Subset Labor-Related

³²⁹⁵ Cross-listed in Violence-Bombing Subset.

³²⁹⁶ Cross-listed in Violence-Bombing Subset.

³²⁹⁷ Cross-listed in Violence sub-section Governmental Use of Force.

³²⁹⁸ Cross-listed in Violence/Labor-Related. The difference in numbers has to do with different estimates of those killed by government forces alone.

³²⁹⁹ Cross-listed in Violence subset Governmental Use of Force.

1916 -- Nov 05, Labor Violence, IWW workers/local law enforcement, Everett, WA³³⁰⁰ -- 7
1919 -- Nov 11, Violence, Armistice Day Parade, Amer. Legion/IWW, Centralia, WA-- 6
1927 -- Nov 21, Colorado Rangers shoot striking miners, Columbine Mine, Serene, CO³³⁰¹-6

VIOLENCE Subset -- **LABOR-Related** Clashes, Incidents, Riots – **By Mortality**

1894 -- May 24, Labor Battle, Washington Coal and Coke Co, Sickle Hollow, PA -- 5

³³⁰⁰ Cross-listed in Violence subset Governmental Use of Force.

³³⁰¹ Cross-listed in Violence subsection – Governmental Use of Force.

VIOLENCE Subset -- **LABOR-Related** Clashes, Incidents, Riots -- **Chronological**

1. 1867 -- Apr 18, Labor Riot, Silver Bend Mining Co., Belmont, NV -- 20
2. 1877 -- Jul 20-26, Great Railroad Strike, Clash with Police/Mil., MD/IL/PA --92-100

3. 1885 -- Sep 2, Labor/Racial Violence/Massacre, Chinese Miners, Rock Springs WY³³⁰²-- 28
4. 1886 -- May 3-4, Labor Haymarket Affair/Bombing/Riot/Massacre, Chicago, IL³³⁰³ -- 11
1886 -- May 05, Strikers/bystanders shot by Wisc. militia, Bay View, Milwaukee, WI³³⁰⁴-- 7
5. 1887 -- Nov 23-25, Violence, racial/labor, striking sugarcane workers, Thibodaux, LA³³⁰⁵ --30->50

6. 1891 -- Apr 2, Violence, Deputies Kill Strikers, Morewood Mine, Morewood, PA -- 11
7. 1892 -- July 06, Violence, Strikers & Pinkertons, Carnegie Steel, Homestead, PA -- 11
1894 -- May 24, Labor Battle, Washington Coal and Coke Co, Sickel Hollow, PA -- 5
8. 1897 -- Sep 10, Lattimer Massacre, Deputies Shoot Striking Miners, Lattimer, PA³³⁰⁶ -- 19
9. 1898 -- Oct 12, Labor Violence, coal miners and mine guards shootout, Virden, IL --12-13

10. 1901 -- July 04, Strike Riot, Dynamite Explosion, Smuggler Mine, Telluride, CO³³⁰⁷ -- 15
11. 1904 -- Jun 6-8, Labor Violence, Bombing/Shooting, Cripple Creek, Teller County CO-- 21
12. 1905 -- Apr 6-Jul 19, Labor Violence, Teamsters' Strike and Riots, Chicago, IL -- 21

13. 1910 -- Oct 1, Labor Violence/Trade Unionist Bombing, *LA Times*, Los Angeles, CA³³⁰⁸ -- 21
14. 1911 -- Mar 9-15, Violence, Race Strike, Queen & Crescent Rail, KY, TN³³⁰⁹ -- 20
15. 1913 -- Feb 10, Labor Vio., Miners & Guards Clash, ~Mucklow, Kanawha County, WV-- 16
16. 1914 -- Apr 20, Ludlow Massacre (CO NG Attacks Striking Miners) Ludlow, CO³³¹⁰ --18-25
1916 -- Nov 05, Labor Violence, IWW workers/local law enforcement, Everett, WA³³¹¹-- 7
1919 -- Sep 9-11, Boston Police Strike, Martial Law, U.S. Cavalry Charge, MA³³¹² -- 5-9
1919 -- Nov 11, Violence, Armistice Day Parade, Amer. Legion/IWW, Centralia, WA-- 6

17. 1920 -- May 19, Matewan Massacre, coal miners/owners conflict, Mingo Co., WV --10-11
18. 1921 -- May 12-15, Battle of the Tug, coal mine labor conflict, Mingo County, WV -- 6-20
19. 1921 -- Aug 27-Sep 3, Battle of Blair Mt., Miners vs. Operators, Logan Co., WV --16->50
20. 1922 -- Jun 21-22, Union miners murder non-union men and Guards ~Herrin, IL³³¹³ -- 23

³³⁰² Cross-listed in Violence-Racial Subset.

³³⁰³ Cross-listed in Violence-Bombing Subset.

³³⁰⁴ Cross-listed in Violence subset Governmental Use of Force.

³³⁰⁵ There were unconfirmed reports of up to 300 fatalities. Cross-listed in Violence – Racial/Ethnic.

³³⁰⁶ Listed as well under Violence Subset Labor-Related

³³⁰⁷ Cross-listed in Violence-Bombing Subset.

³³⁰⁸ Cross-listed in Violence-Labor Subset and in Violence-Mass Murder.

³³⁰⁹ Cross-listed in Violence-Racial Subset.

³³¹⁰ Cross-listed in Violence subset, Governmental Use of Force.

³³¹¹ Cross-listed in Violence subset Governmental Use of Force.

³³¹² Cross-listed in Violence – Governmental Use of Force. The difference in numbers has to do with different estimates of those killed by government forces alone.

³³¹³ Two striking union-miners were killed by mine guards on June 21 when attacked by a large group of the striking miners and one other died of his wounds on July 13. Nineteen to twenty non-union miners and mine guards were murdered on June 22 by union miners. (The coroner's records turned over to the grand jury indicated 20 nonunion men, while the records of the undertakers who buried them indicated 19 burials – 19 was the number used in great

21. 1922 -- Jul 17, Striking Miners attack Saledka Mine, Sheriffs men, Cliftonville, WV -- 9-21
1927 -- Nov 21, Colorado Rangers shoot striking miners, Columbine Mine, Serene, CO³³¹⁴-6

VIOLENCE Subset -- **LABOR-Related** Clashes, Incidents, Riots – **Chronological**

22. 1937 -- May 30, Unarmed Striking Steel Workers Shot by Police, Chicago, IL³³¹⁵ -- 10

majority of accounts.) On Oct. 2 Ignus Kubins, a hospitalized nonunion miner died of his wounds. Thus, there were 23 certain fatalities, and possibly more. There were reports of missing men, of men tossed into a pond or drowned in a river while attempting to escape, and of men burned and consumed in the burning of railroad cars at the strip mine, thus the possibility exists of one or more additional deaths. Cross-listed in Violence-Mass Murder.

³³¹⁴ Cross-listed in Violence subsection – Governmental Use of Force.

³³¹⁵ Cross-listed in Violence sub-section Governmental Use of Force.

VIOLENCE – MASS MURDER / Manslaughter / Shootout Subset³³¹⁶ – By Mortality

1. 2003 -- May 13-14 Illegal immigrants suffocate, hot/airless milk trailer, Victoria, TX -- 19
2. 1916 -- Jan 10, Mass Murder, Americans on Train 50M W. Chihuahua City, MX --16-17
3. 2001 -- May ~24, Smugglers abandon immigrants without water in desert heat, AZ³³¹⁷-- 14
4. 1981 -- March-April, hospital nurse kills elderly patients, Perris & Banning, CA -- 12
5. 2002 -- Oct 13, Decomposed bodies of illegal aliens found in railcar, Denison, IA -- 11
6. 2005 -- Jan 26, Train hits parked SUV; Derails; hits parked train, Glendale, CA³³¹⁸ -- 11
7. 1916 -- Mass Killing, Archer Home for Elderly, Winsor, New Haven County, CT -- 10
8. 1974, Jan 15-Jan 19, 1991-- D. Rader serial murders, Wichita area, Sedgwick Co., KS-- 10
9. 1984 -- May-Nov, Bobby Joe Long Serial Killings of women, Tampa Bay Area, FL -- ≥10
10. 2017 -- July 23, Migrants die in hot semi trailer found in parking lot, San Antonio, TX-- 10

Other:

- 1912 -- June 10, Family and two girls Murdered in Sleep with Axe, Villisca, IA -- 8
- 1916 -- Mar 5-6, Daniel Okane kills Family (7) and commits suicide, Lawton, OK -- 8
- 1929 -- Dec 25, C.D. Lawson kills wife, six children, suicide, Walnut Cove, NC -- 8
- 1966 -- July 14, Richard Speck Mass Murder of Nurses, Dorm Room, Chicago, IL -- 8
- 1932 -- Nov 24, Violence Julian Marcelino Rampage with knives, Seattle, WA -- 6
- 1980 -- Sep 20, ex-wife & family killed by ex-husband's booby-trap bomb, Olathe, KS -- 6

³³¹⁶ See Shooting Incidents for Mass Murder/Manslaughter using firearms.

³³¹⁷ Cross-listed in Heat.

³³¹⁸ Cross-listed in Rail, and in Vehicular. The driver of the SUV was allegedly going to commit suicide via train collision, but got out prior to impact. Was sentenced to eleven life sentences for murder.

VIOLENCE – **MASS MURDER / Manslaughter** Subset³³¹⁹ – **Chronological**

- 1856 -- May 24/25, John Brown men kill pro-slavery men ~Pottawatomie Creek, Franklin Co., KS-- 5
1858 -- May 19, Marias des Cygnes Massacre, pro-slavery force raid, Trading Post, KS-- 5
1. 1872 -- Apr 15, Shoot-out between U.S. Marshals & Cherokee, Indian Court House OK-- 11
 - 1912 -- June 10, Family and two girls Murdered in Sleep with Axe, Villisca, IA -- 8
 2. 1916 -- Mass Killing, Archer Home for Elderly, Winsor, New Haven County, CT -- 10
 3. 1916 -- Jan 10, Mass Murder, Americans on Train 50M W. Chihuahua City, MX --16-17
 - 1916 -- Mar 5-6, Daniel Okane kills Family (7) and commits suicide, Lawton, OK -- 8
 - 1929 -- Feb 14, St. Valentine's Day Massacre, Capone gang vs. Moran gang, Chicago, IL -- 7
 - 1929 -- Dec 25, C.D. Lawson kills wife, six children, suicide, Walnut Cove, NC -- 8
 - 1932 -- Nov 24, Violence Julian Marcelino Rampage with knives, Seattle, WA -- 6
 - 1933 -- June 17, Shooting murder of four law officers plus prisoner, Kansas City, MO-- 5
 - 1945 -- July 08, U.S. Army guard machine-guns sleeping German POWs, Salina, UT -- 9
 - 1966 -- July 14, Richard Speck Mass Murder of Nurses, Dorm Room, Chicago, IL -- 8
 - 1971 -- June 14, "Dope Den" "Execution Style" Mass Murder, Detroit, MI -- 8
 4. 1974, Jan 15-Jan 19, 1991-- D. Rader serial murders, Wichita area, Sedgwick Co., KS-- 10
 - 1980 -- Sep 20, ex-wife & family killed by ex-husband's booby-trap bomb, Olathe, KS-- 6
 5. 1981 -- March-April, hospital nurse kills elderly patients, Perris & Banning, CA -- 12
 - 1987 -- July 11-12, Man shoots wife, two children, his parents, in-laws, Federal Way, WA--8
 6. 2001 -- May ~24, Smugglers abandon immigrants without water in desert heat, AZ³³²⁰-- 14
 7. 2002 -- Oct 13, Decomposed bodies of illegal aliens found in railcar, Denison, IA -- 11
 8. 2003 -- May 13-14 Illegal immigrants suffocate, hot/airless milk trailer, Victoria, TX -- 19
 9. 2005 -- Jan 26, Train hits parked SUV; Derails; hits parked train, Glendale, CA³³²¹ -- 11
 - 2006 -- Oct 2, West Nickel Mines School (Amish) Shooting, Lancaster County, PA³³²²-- 6
 - 2015 -- May 17, Violence, Biker-Gangs/Police Shoot-Out at Twin Peaks restaurant, Waco, TX-- 9
 10. 2015 -- Dec 2, Terrorism, Muslim couple attack, Inland Regional Ctr., San Bernardino, CA³³²³-- 14
 11. 2017 -- July 23, Migrants die in hot semi trailer found in parking lot, San Antonio, TX-- 10

³³¹⁹ See Shooting Incidents for Mass Murder/Manslaughter using firearms.

³³²⁰ Cross-listed in Heat.

³³²¹ Cross-listed in Rail, and in Vehicular. The driver of the SUV was allegedly going to commit suicide via train collision, but got out prior to impact. Was sentenced to eleven life sentences for murder.

³³²² Ten girls aged 6-13 shot, five of whom died, before killer committed suicide in the schoolhouse.

³³²³ Cross-listed in Terrorism.

VIOLENCE – MASS SUICIDE Subset

1. 1997 -- ~March 23, Mass Suicide, Heaven's Gate Cult, Rancho Santa Fe, CA -- 39

VIOLENCE Subset – **MASSACRES/Atrocities – of Whites by Native Americans**
By Mortality

1. 1862 -- Aug 17-Sep, Violence, Sioux “Insurrection,” Litchfield, elsewhere, MN --300-650
2. 1813 -- Aug 30, Creeks Massacre militia/settlers, Fort Mims, Baldwin Co., AL --250-517
3. 1644 -- Apr 18, Native Massacre of English Colonists along James River, VA --300-400
4. 1622 -- Mar 22, Jamestown Massacre, Jamestown Colony, VA -- 347
5. 1729 -- Nov 28, Ft. Rosalie Massacre, French Colonists by Natives, Natchez MS --200-300
6. 1690 -- May 20, Massacre, French/Indians attack settlers, Falmouth (Portland), ME--120-200
7. 1757 -- Aug, Natives Massacre garrison after surrender, Fort William Henry, NY -- ~184
8. 1763 -- Unangan/Eastern Aleut conflict with Russians, Unalaska/Umnak/Unimak Isl., AK~175
9. 1711 -- Sep 22, Tuscarora Massacre of White Settlers, Bath County, NC -->130-140
10. 1655 -- Sep 15-18,³³²⁴ Natives attack Dutch in New Netherland (NY and NJ) --16-100
11. 1812 -- Aug 15, Pottawatomie Massacre of Soldiers/Homesteaders, Fort Dearborn, IL -- ~98
12. 1675--Sep 18-19,³³²⁵ Bloody Brook Massacre, Natives attack wagon train, S. Deerfield, MA-59-76
13. 1692 -- Jan 25, Massacre, French and Indians attack English colony, York, ME ---50-75
14. 1851 -- Jan, early, Rattlesnake Creek Massacre [?], Natives attack white miners, CA -- 72
15. 1704 -- Feb 29, Massacre, French and Native allies attack Deerfield, MA³³²⁶ -- 68
16. 1852 -- Sep, Bloody Point Massacre, Modocs attack wagon train, Tule Lake, North CA-- 62
17. 1703 -- Aug 10, French & Indians attack So. coastal ME, esp. greater Portland vic. -- ≥61
18. 1778 -- Nov 11, Massacre, women/children, Loyalist/Seneca Force, Cherry Valley NY-- 48
19. 1676 -- Sep 25, Massacre, Natives destroy settlement at Cape Neddock, ME, kill/capture-- 40
20. 1697 -- Mar 15, Massacre; Natives attack English settlers, Haverhill, MA -- ~40
21. 1758 -- Apr 28, Massacre of Settlers by Shawnee, Fort Sybert/Seybert, WV -- >40
22. 1857 -- Mar 8-9, Massacre, Wahpetuke Dakota (Sioux) attack Spirit Lake, IA --35-40
23. 1879 -- Oct 11-19, Apache Massacre settlers, CO and NM --21-40
24. 1860 -- Fall, Snake River Massacre, Immigrant Wagon Train attacked, pursued, OR -- 39
25. 1676 -- Feb 10, Massacre, Nipmuc Natives attack Lancaster, MA --34-35
26. 1632 -- Nov, Massacre at Fort Zwaanendael (Lewes), first Dutch Delaware Colony -- 32
27. 1856 -- Feb 22/23, Natives attack garrison & settlers, Rogue River, Whaleshead, OR -- 31
28. 1690 -- March 18, Massacre, French & Indians attack settlers, Salmon Falls, NH -- 30
29. 1745 -- Nov 16, Schuylerville Massacre, French Raiders & Indians, near Saratoga, NY-- 30
30. 1877 -- Jun 14-15, Nez Perce attack settlers on and near Salmon River, no. ID --18~28
31. 1697 -- Sep 11, Massacre, Natives attack Lancaster, MA --21-26
32. 1803 -- March, Massacre, Crew of American ship *Boston*, Nootka, Vancouver Isl.³³²⁷ -- 25
33. 1663 -- Jun 7, Massacre, Natives attack Dutch at Wiltwyck (Kingston, NY) and vic. --22-24
34. 1689 -- Jun 27, Massacre, Penacooks attack English colonists, Cocheco (Dover) NH -- 23
35. 1812 -- Sep 4-5, Massacre of Settlers, by Shawnee, Pigeon Roost, IN -- 23
36. 1689 -- Aug 28, Massacre, Natives attack settlers from Huckin’s garrison, NH --21-22
37. 1694 -- July 27, Massacre, Natives attack settlers, Groton, MA --20-22

³³²⁴ These are the dates for the initial Native attacks and colonial deaths. There were additional deaths on both sides in retaliatory Dutch attacks.

³³²⁵ Both dates are used, apparently depending on whether old style or new style dating is applied.

³³²⁶ Though death tolls vary, we rely on Demos and Sheldon. Includes 39 in attack, 9 in pursuit party, and 20 captives.

³³²⁷ Coss-listed in Violence – Massacres of Whites by Natives.

38. 1763 -- Jun 02, Massacre, Fort Michilimackinac, MI, Ojibwas and Sacs Attack -- 22
 39. 1763 -- Wyoming Flats (Luzerne County, PA) Massacre of Settlers -- ~20
 40. 1780 -- May 26, Violence, Massacre of settlers near St. Louis, MO -- ~20

VIOLENCE Subset -- **MASSACRES** – **OF Whites BY Native Americans** – By **Mortality**

41. 1703 -- Oct 6, Massacre, Eng. settlers/militia attacked while farming, Scarborough, ME-- 19
 42. 1704 -- May 13, Massacre, Natives attack settlers, Pascommuck (Easthampton) MA -- 19
 43. 1708 -- Aug 29, Raid/Massacre, French and Indians attack settlers, Haverhill, MA --16-19
 44. 1854 -- Aug 20, Ward Massacre, Natives attack wagon train, Boise River, ~Caldwell, ID-- 19
 45. 1676 -- Feb 21, Massacre, Nipmuc and Narragansett Natives attack Medfield, MA --17-18
 46. 1838 -- Oct 08, Massacre of Surveying Party near Dawson, Navarro County TX -- 18
 47. 1872 -- Nov 29-30 Modoc “Hooker Jim” band kills white males, SE Tule Lake, CA --14-18
 48. 1643 -- Aug, Massacre, Anne Hutchinson’s settlement by Siwanoy on Pelham Bay, NY-- 16
 49. 1675 -- Dec 16, Massacre, Natives attack J. Bull Garrison, Pettaquamscutt (Kingston), RI-15
 50. 1677 -- Sep 19, Massacre, Pocumtuck Natives attack English colonists, Hatfield, MA--12-15
 51. 1694 -- July 18, Massacre, Abenaki attack settlers, Oyster River Plantation, Durham NH-- 15
 52. 1755 -- Nov 14-15, Delaware Natives attack German settlers, Berks County, PA --9~15
 53. 1828 -- Jedediah Smith Massacre, near Gardiner, OR -- 15
 54. 1847 -- Nov 29, Whitman Massacre, Missionaries, ~Walla Walla, WA -- 15
 55. 1855 -- Oct 9, Indians retaliate & attack settlers, upper Rogue River Valley, OR --12-15
 56. 1676 -- Aug 13-14, Massacre, Natives attack settlers, Kennebec River & Arrowsic, ME-->14
 57. 1696 -- June 26, Massacre, Natives attack English settlers, Portsmouth Plains, NH -- 14
 58. 1691 -- Sep 29, Massacre, Indians attack English settlers, Sandy Beach (now Rye), NH-- 13
 59. 1755 -- Oct 16-17, Violence/massacre, Natives attack German settlers, Penn’s Creek, PA ≥13
 60. 1840 -- March, Retaliation for Council House Comanche peace envoy deaths; prisoners killed-- 13
 61. 1851 -- Jan, Four Creeks Massacre, Natives attack cattle herders, present-day Bakersfield, CA-- 13
 62. 1883 -- Aug 12, Massacre, Santa Fe Railroad Surveyors Attacked by Apaches -- 13
 63. 1675 -- ~June 23-25, King Philips War begins, Wampanoags attack Swansea, MA -- 9-12
 64. 1676 -- Mar 12, Massacre, Natives Attack Clark House, Eel River, ~Plymouth, MA --11-12
 65. 1676 -- Apr 18, Massacre, Natives attack settlers at Sudbury, MA -- 7-12
 66. 1791 -- Jan 2, Violence-Massacre, Delaware & Wyandot attack Big Bottom settlers, OH-- 12
 67. 1813 -- Sep 01, Creek Massacre of two families in Clarke County, AL -- 12
 68. 1879 -- Sep 29, Meeker Massacre by Utes, White River, Northwestern CO -- 12
 69. 1868 -- Aug ~14-16, Cheyenne Raids on Settlers in and around Asher Creek, KS -- ~12
 70. 1755 -- Oct 31~Nov 2, Delawares/Shawnees attack settlers, Fulton/Franklin Cty, PA -- ≥11
 71. 1763 -- May 25, St. Joseph’s Post Massacre, Mouth of St. Joseph’s River, MI -- 11
 72. 1764 -- July 26, Massacre, Indians attack one-room Schoolhouse, ~Greencastle, PA -- 11
 73. 1850 -- Apr 21, Quechan/Yuma Natives Massacre Glanton Gang, Winterhaven, CA -- 11
 74. 1855 -- Oct 27-28, White/Native Conflict, Puget Sound area, White River val., WA³³²⁸-10-11
 75. 1676 -- Aug 11, Massacre and captivity, Natives attack English settlers, Portland, ME-- ≥10
 76. 1695 -- Aug 05, Massacre, Natives attack settlers, Billerica, MA -- 10
 77. 1850 -- May, Jicarilla Apaches/Utes Massacre US Mail wagon train, Wagon Mound, NM--10
 78. 1853 -- Fall, Natives Kill Chinese, west branch Feather River, Butte County, CA -- 10

³³²⁸ Two were militiamen hunting the Nisqually leader, and 8-9 were white settlers.

Other:

1637 -- Apr 23, Massacre, Wongunk and Pequots attack Wethersfield, CT	--	9
1597 -- Natives Massacre St. Francis Missionaries, Guale (St. Catherine Island), GA	--	5

VIOLENCE Subset – **MASSACRES/Atrocities** – of **Whites** by **Native Americans**
Chronological

- 1597 -- Natives Massacre St. Franciscan Missionaries, Guale (St. Catherine Island) GA-- 5
1. 1622 -- Mar 22, Jamestown Massacre, Jamestown Colony, VA -- 347
 2. 1632 -- Nov, Massacre at Fort Zwaanendael (Lewes), first Dutch Delaware Colony -- 32
 - 1637 -- Apr 23, Massacre, Wongunk and Pequots attack Wethersfield, CT -- 9
 3. 1643 -- Aug, Massacre, Anne Hutchinson's settlement by Siwanoy on Pelham Bay, NY-- 16
 4. 1644 -- Apr 18, Native Massacre of English Colonists along James River, VA --300-400
 5. 1655 -- Sep 15-18,³³²⁹ Natives attack Dutch in New Netherland (NY and NJ) --16-100
 6. 1663 -- Jun 7, Massacre, Natives attack Dutch at Wiltwyck (Kingston, NY) and vic. --22-24

 7. 1675 -- ~June 23-25, King Philips War begins, Wampanoags attack Swansea, MA -- 9-12
 8. 1675--Sep 18-19,³³³⁰ Bloody Brook Massacre, Natives attack wagon train, S. Deerfield, MA-59-76
 9. 1675 -- Dec 16, Massacre, Natives attack J. Bull Garrison, Pettaquamscutt (Kingston), RI-15

 10. 1676 -- Feb 10, Massacre, Nipmuc Natives attack Lancaster, MA --34-35
 11. 1676 -- Feb 21, Massacre, Nipmuc and Narragansett Natives attack Medfield, MA --17-18
 12. 1676 -- Mar 12, Massacre, Natives Attack Clark House, Eel River, ~Plymouth, MA --11-12
 13. 1676 -- Apr 18, Massacre, Natives attack settlers at Sudbury, MA -- 7-12
 14. 1676 -- Aug 11, Massacre and captivity, Natives attack English settlers, Portland, ME-- ≥10
 15. 1676 -- Aug 13-14, Massacre, Natives attack settlers, Kennebec River & Arrowsic, ME--≥14
 16. 1676 -- Sep 25, Massacre, Natives destroy settlement at Cape Neddock, ME, kill/capture-- 40

 17. 1677 -- Sep 19, Massacre, Pocumtuck Natives attack English colonists, Hatfield, MA--12-15

 18. 1689 -- Jun 27, Massacre, Penacooks attack English colonists, Cocheco (Dover) NH -- 23
 19. 1689 -- Aug 28, Massacre, Natives attack settlers from Huckin's garrison, NH --21-22

 20. 1690 -- March 18, Massacre, French & Indians attack settlers, Salmon Falls, NH -- 30
 21. 1690 -- May 20, Massacre, French/Indians attack settlers, Falmouth (Portland), ME~120-200
 22. 1691 -- Sep 29, Massacre, Indians attack English settlers, Sandy Beach (now Rye), NH-- 13
 23. 1692 -- Jan 25, Massacre, French and Indians attack English colony, York, ME ---50-75
 24. 1694 -- July 18, Massacre, Abenaki attack settlers, Oyster River Plantation, Durham NH-- 15
 25. 1694 -- July 27, Massacre, Natives attack settlers, Groton, MA --20-22
 26. 1695 -- Aug 05, Massacre, Natives attack settlers, Billerica, MA -- 10
 27. 1696 -- June 26, Massacre, Natives attack English settlers, Portsmouth Plains, NH -- 14
 28. 1697 -- Mar 15, Massacre; Natives attack English settlers, Haverhill, MA -- ~40
 29. 1697 -- Sep 11, Massacre, Natives attack Lancaster, MA --21-26

 30. 1703 -- Aug 10, French & Indians attack So. coastal ME, esp. greater Portland vic. -- ≥61
 31. 1703 -- Oct 6, Massacre, Eng. settlers/militia attacked while farming, Scarborough, ME-- 19

³³²⁹ These are the dates for the initial Native attacks and colonial deaths. There were additional deaths on both sides in retaliatory Dutch attacks.

³³³⁰ Both dates are used, apparently depending on whether old style or new style dating is applied.

32. 1704 -- Feb 29, Massacre, French and Native allies attack Deerfield, MA³³³¹ -- 68
 33. 1704 -- May 13, Massacre, Natives attack settlers, Pascommuck (Easthampton) MA -- 19
 34. 1708 -- Aug 29, Raid/Massacre, French and Indians attack settlers, Haverhill, MA --16-19

VIOLENCE Subset -- **MASSACRES** -- OF **Whites** BY **Native Americans** -- **Chronological**

35. 1711 -- Sep 22, Tuscarora Massacre of White Settlers, Bath County, NC -->130-140
 36. 1729 -- Nov 28, Ft. Rosalie Massacre, French Colonists by Natives, Natchez MS --200-300
 37. 1745 -- Nov 16, Schuylerville Massacre, French Raiders & Indians, near Saratoga, NY-- 30
 38. 1755 -- Oct 16, Violence-Massacre, Natives attack settlers, Penn's Creek, PA -- >13
 39. 1755 -- Oct 31--Nov 2, Delawares/Shawnees attack settlers, Fulton/Franklin Cty, PA -- ≥11
 40. 1755 -- Nov 14-15, Delaware Natives attack German settlers, Berks County, PA --9-~15
 41. 1757 -- Aug, Natives Massacre garrison after surrender, Fort William Henry, NY -- ~184
 42. 1758 -- Apr 28, Massacre of Settlers by Shawnee, Fort Sybert/Seybert, WV -- >40
 43. 1763 -- Unangan/Eastern Aleut conflict with Russians, Unalaska/Umnak/Unimak Isl., AK~175
 44. 1763 -- Massacre of Settlers, Wyoming Flats (Luzerne County, PA) -- ~ 20
 45. 1763 -- May 25, St. Joseph's Post Massacre, Mouth of St. Joseph's River, MI -- 11
 46. 1763 -- Jun 02, Massacre, Fort Michilimackinac, MI, Ojibwas and Sacs Attack -- 22
 47. 1764 -- July 26, Massacre, Indians attack one-room Schoolhouse, ~Greencastle, PA -- 11
 48. 1778 -- Nov 11, Massacre, women/children, Loyalist/Seneca Force, Cherry Valley NY-- 48
 49. 1780 -- May 26, Violence, Massacre of settlers near St. Louis, MO -- ~20
 50. 1791 -- Jan 2, Violence-Massacre, Delaware & Wyandot attack Big Bottom settlers, OH—12

 51. 1812 -- Aug 15, Pottawatomie Massacre of Soldiers/Homesteaders, Fort Dearborn, IL -- ~98
 52. 1812 -- Sep 4-5, Massacre of Settlers, by Shawnee, Pigeon Roost, IN -- 23
 53. 1813 -- Aug 30, Creeks Massacre militia/settlers, Fort Mims, Baldwin Co., AL --250-517
 54. 1813 -- Sep 01, Creek Massacre of two families in Clarke County, AL -- 12

 55. 1828 -- Jedediah Smith Massacre, near Gardiner, OR -- 15
 56. 1838 -- Oct 08, Massacre of Surveying Party near Dawson, Navarro County TX -- 18
 57. 1840 -- March, Retaliation for Council House Comanche peace envoy deaths; prisoners killed-13
 58. 1847 -- Nov 29, Whitman Massacre, Missionaries, ~Walla Walla, WA -- 15

 59. 1850 -- Apr 21, Quechan/Yuma Natives Massacre Glanton Gang, Winterhaven, CA -- 11
 60. 1850 -- May, Jicarilla Apaches/Utes Massacre US Mail wagon train, Wagon Mound, NM--10
 61. 1851 -- Jan, Four Creeks Massacre, Natives attack cattle herders, present-day Bakersfield, CA-- 13
 62. 1851 -- Jan, early, Rattlesnake Creek Massacre [?], Natives attack white miners, CA -- 72
 63. 1852 -- Sep, Bloody Point Massacre, Modocs attack wagon train, Tule Lake, North CA-- 62
 64. 1853 -- Fall, Natives Kill Chinese, west branch Feather River, Butte County, CA -- 10
 65. 1854 -- Aug 20, Ward Massacre, Natives attack wagon train, Boise River, ~Caldwell, ID-- 19
 66. 1855 -- Oct 09, Massacre, Indians attack settlers, upper Rogue River Valley, OR -- 12
 67. 1856 -- Feb 22, Violence, Indians attack garrison and settlers, Whaleshead, OR -- 41
 68. 1857 -- Mar 8-9, Massacre, Wahpetuke Dakota (Sioux) attack Spirit Lake, IA --35-40

 69. 1860 -- Fall, Snake River Massacre, Immigrant Wagon Train attacked, pursued, OR -- 39

³³³¹ Though death tolls vary, we rely on Demos and Sheldon. Includes 39 in attack, 9 in pursuit party, 20 captives.

70. 1862 -- Aug 17-Sep, Violence, Sioux "Insurrection," Litchfield, elsewhere, MN --300-650
71. 1868 -- Aug ~14-16, Cheyenne Raids on Settlers in and around Asher Creek, KS -- ~12

Violence Subset--**MASSACRES** -- of **Whites** by **Native Americans** -- **Chronological** (Cont.)

72. 1872 -- Nov 29-30 Modoc "Hooker Jim" band kills white males, SE Tule Lake, CA --14-18
73. 1877 -- Jun 14-15, Nez Perce attack settlers on and near Salmon River, no. ID --18~28
74. 1879 -- Sep 29, Meeker Massacre by Utes, White River, Northwestern CO -- 12
75. 1883 -- Aug 12, Massacre, Santa Fe Railroad Surveyors Attacked by Apaches -- 13

VIOLENCE Subset—**MASSACRES/Atrocities - WHITES Against Native Americans**
By Mortality

1. 1675 -- Dec 19, English Colonists Massacre Narragansetts, Great Swamp, RI --365-1,100
2. 1599 -- Jan 21, Spanish (Oñate) Massacre Acoma Natives, punitive expedition, NM-300-800
3. 1637 -- Mystic Massacre, Eng. Colonists Attack Pequot Vil., Mystic River, CT --600-700
4. 1644 -- Feb, Massacre, Dutch attack Siwanoy, Petuquapaen, ~Cos Cob, CT³³³² --500-700
5. 1853 -- Burnt Ranch Massacre, Settlers kill Tolowa, Yontocket, Smith Riv., No. CA-450-600
6. 1864 -- Sep, General massacre of Yana Natives, Northern CA -->335-500
7. 1859 -- Late Mar-mid Apr, Whites kill Natives, Round Valley, Mendocino Co., CA--300-400
8. 1863 -- Jan 29, Massacre, Shoshoni Village attacked, Bear River, Utah Territory -- 384
9. 1890 -- Massacre, Natives attacked by U.S. 7th Cavalry, Wounded Knee, SD -- 350
10. 1676 -- May 19, Eng. Colonists massacre Peskeomskut Natives, Turners Falls, MA --200-300
11. 1813 -- Nov 3, Tallushatchee Battle /Massacre, Gen. Coffee destroys Creek Vil., AL -- 300
12. 1851 -- Massacre, White Miners Burn Wintu Council House, Old Shasta, CA -- 300
13. 1863 -- Sep 3, Massacre, Army attacks Dakota/Lakota Sioux, Whitestone Hill, ND --150-300

14. 1860 -- Whites attack Yuki Natives near Round Valley, Mendocino County, CA -- 250
15. 1860 -- Feb 26, Whites Massacre Natives, Indian Isl. & Humboldt Bay vic., CA -->100->250
16. 1859 -- May, Whites Massacre Yuki Natives, Round Valley, Mendocino County, CA -- 240
17. 1861 -- Late Sep, Horse Canyon Massacre, Whites/Natives attack Wailaki, Round Val. CA--100-240
18. 1539 --~Sep 16, Napituca Massacre, Hernando de Soto executes Timucuan, No. Cen. FL-30-200
19. 1623 -- May 12, Cpt. Tucker VA party poison/kill Powhatans, Patawomeck, VA --150-200
20. 1763 -- Unangan/Eastern Aleut conflict with Russians, Unalaska/Umnak/Unimak Isl., AK>200
21. 1784 -- Russian fur traders massacre Sugpiaq Natives, Kodiak Island, AK -- >200
22. 1850 -- May 15, Bloody Island Massacre, USA Attack Pomo, Clear Lake, CA --60-200

23. 1846 -- Mid Apr, Sacramento River Massacre, Carson/Fremont attack Natives, N. CA-- >175
24. 1870 -- Jan 23, Massacre, Marias Riv. Piegan Tribe attacked by 2nd Cav., MT Territory --173
25. 1852 -- Apr 23, Bridge Gulch Massacre, Whites attack Natives ~Hayfork, No. CA --140-153
26. 1857 -- Sep 3, Massacre, Col. Harney Attacks Sioux Camp, Bluewater Creek, NE -- 150
27. 1864 -- Nov 29, Sand Creek Massacre of Cheyenne/Arapaho near Fort Lyon, CO --130-150
28. 1871 -- Apr 30, Massacre of Apaches, Camp Grant Arivaipa, Arizona Territory --125-150
29. 1850 -- “Friendship Feast,” Whites poison Trinity Riv. Wintu Natives, Shasta Co., CA-- 145
30. 1840 -- Oct 24, TX volunteers ambush Comanche camp, Red Fork Col. River, TX --110-140
31. 1676 -- Jul 02, Massacre, Eng. Colonists attack Narragansett camp ~Providence, RI--100-126
32. 1643 -- Feb 25, New Amsterdam Dutch massacre Natives, Pavonia [NJ]³³³³ --80-120
33. 1644 -- Early (Jan?), Massacre, Dutch and English attack Mespeth (Long Island, NY) -- 120
34. 1868 -- Nov 27, “Battle” of the Washita, Custer attacks Cheyenne village, OK -- 103
35. 1542 --~Mid-May, Massacre, de Soto’s men attack Natives in Nilco province town, AR--~100
36. 1724 -- Aug 23, Massacre, colonial militia attack Abenaki village, Norridgewock, ME~80-100

³³³² In dispute – some place the massacre in Westchester County, NY (Dinan. “Historians Sift Clues...” *Greenwich Time*, 3-5-2006.)

³³³³ Giersbach writes that the attack site was today’s Corlaer’s Hook, Jersey City. *Wikipedia* has it that Pavonia was “on the west bank of the North River (Hudson River)...in what would become today’s Hudson County, New Jersey.” (*Wikipedia*. “Pavonia, New Netherland,” 11-11-2012 modification.)

37. 1790 -- Jan late, Olowalu Massacre, Cpt. Metcalfe, *Eleanora*, fires on Native canoes, Maui >100
 38. 1855 -- Jan 1, Settlers Massacre Tolowa, Etchulet (Achulet), ~Lake Earl, No. CA --30->100

Violence Subset--“MASSACRES” - Whites Against Native Americans--By Mortality (Cont.)

39. 1782 -- March 8, Massacre of noncombatant Indians by PA militia, Gnadenhutten, OH-- 96
 40. 1637 -- Massacre of Lenni-Lenape at Pavonia (near present day Jersey City, NJ) -- 80
 41. 1850 -- May 19, Russian River Massacre, US Army attacks Pomo, ~Healdsburg, CA -- >75
 42. 1855 -- Sep, “Cpt.” Jarboe force Massacres Achomawi Natives, Pit River village, CA -- >70
 43. 1676 -- July 3 or 4, Massacre, Eng. Colonists attack Narragansetts, Warwick Neck, RI--40-67
 44. 1813 -- Nov 18, Hillabee Massacre, US Troops attack Creek Vil. suing for peace, AL -- 61
 45. 1832 -- Aug 02, Battle Island Massacre/Massacre of Bad Axe, Natives attacked, WI -- < 60
 46. 1853 -- Fall, White/Chinese retaliatory attack re. Natives, Feather Riv., Butte Co., CA--40-60
 47. 1541/42 Winter, Coronado’s Expeditionaries burn-at-the-stake Tiwa Natives, NM³³³⁴ --40-50
 48. 1859 --~Late Aug,³³³⁵ McElroy party massacres Natives Roff’s Ranch, Pitt Riv. vic., CA->49
 49. 1852 -- Nov, Ben Wright Massacre of Modocs, peace talks, Lost Riv., Tule Lake, CA --30-41
 50. 1855 -- Oct 08, Lupton Massacre, Whites attack Natives ~Upper Table Rock, OR --23-41
 51. 1852 -- Mar 12, Massacre of Natives, upper crossing Klamath Ri. ferry & Indian Flat, CA--30-40
 52. 1854 -- May 15~, Asbill party kill Yuki Natives, Round Valley, Mendocino Co., CA--32--40
 53. 1856 -- Apr/May 13, Whites attack Natives, near Visalia, Keysville & Battle Mt., CA -- >40
 54. 1859 -- Jan 01, Whites kill Natives, Round Valley, Mendocino County, CA -- 40
 55. 1859 -- Summer, Chico Creek Canyon Massacre, Whites attack Maidu Natives, N. CA-- ~40
 56. 1865 -- Aug 16, Workman/Three Knolls Massacre, Whites kill Yanas, Mill Creek, CA-- ~40
 57. 1861 --~Feb 2, Settlers kill Natives, Eel Riv. above Sonoma Trail, Iaqua vicinity, CA --13-39
 58. 1840 -- Mar 19, Council House Fight, Comanches in peace party, San Antonio, TX³³³⁶-- 35
 59. 1863 -- Apr 19, Keysville Massacre, US Army attacks Natives, near Keysville, CA -- 35
 60. 1859 -- Dec 19, Whites attack Natives, Round Valley, Mendocino County, CA --20-32
 61. 1852 -- July 03~, Harvey party attacks Yokut village, Kings River rancheria, CA --9--30
 62. 1871 -- Cowboys (4) Massacre Yahi women/children, Kingsley Cave, Tehama Co., CA-- ~30
 63. 1853 -- Pence party attacks Native American camp ~Messilla Valley, Butte Co., CA -- 27
 64. 1859 -- ~Nov 24, Jarboe’s Eel River Rangers attack Natives, Round Valley vic., CA -- ≥27
 65. 1854 -- Feb 15, Miller group massacres Chetco River Natives ~river mouth, SW OR -- ~26
 66. 1862 -- Aug, Massacre of Wailaki Natives, Upper Station, Round Valley Resvn., CA --23-24
 67. 1760 -- Feb, Massacre, Cherokee hostages by colonial soldiers, Fort Prince George, SC-- 22
 68. 1849 -- Mar Ore. miners kill Maidus, American River, Weber’s Creek, Coloma, CA -- >22
 69. 1690 -- ~Sep 15, Massacre, English attack native village, NW of Brunswick, ME -- 21
 70. 1763 -- Dec 14 & 27, Massacres, *Paxton Boys* kill Natives, Conestoga & Lancaster, PA -- 20
 71. 1837 -- Spring, Santa Rita/John Johnson Massacre, Apache Trading Party, SX NM -- 20

³³³⁴ Refers to those burned at the stake, not to the Natives killed in fighting, or killed after surrender by “lancing.”

³³³⁵ Date is uncertain. We have it as late August based on Cpt. Adams report of the incident dated Sep 3, Ft. Crook.

³³³⁶ Seven Texans were also killed – making total number of dead 42. We note as a “massacre” in that the Comanche had been invited in to pursue peace negotiations, and had brought along wives and children, five of whom were among the thirty-five Comanche killed by an armed force brought in ready to fight, unbeknownst to the Comanche.

72. 1858 -- Early-mid Jun, Whites attack Mattole Natives, Mattole Villy., Humboldt Co. --15-20

Violence Subset--“MASSACRES” - Whites Against Native Americans--By Mortality (Cont.)

73. 1849 -- Apr 26~ Whites massacre Natives Daylor mine & ranch, Cosumnes Riv. area, No. CA-- ≥17
74. 1859 -- ~July, Hildreth militia massacres Natives, Round Valley vicinity, No. CA -- 17
75. 1854 -- Jan 29, Coos Co. whites massacre Coquilles, Whiskey Run, no. of Coquille Ri., OR-- 16
76. 1859 -- July, last week, Breckenridge militia attack Natives, Tehama Co., No. CA --10-16
77. 1745 -- Russian traders massacre Unangan (Aleut) Women and Children, Attu, AK -- 15
78. 1852 -- Sum., Capt Crosby Force Massacre Modocs, Tule Lake reg., CA/OR Border --11-15
79. 1858 -- Early May, Killing of Yana Natives near Battle Creek, Tehama Co, No. CA -- 15
80. 1675 -- July or Sep, VA Militiamen looking for Doeg Natives Kill Susquehannocks, VA-- 14
81. 1858 -- Dec 31, Whites kill Natives ~Eden Valley, Russian River area, Sonoma Co., CA—14
82. 1850 -- Feb 25, Smith/Kelsey massacre Natives, Henry Fowler ranch, no. Napa Vly., CA >13
83. 1853 -- Mar 01, Cattle theft reported, Whites attack Natives in cave near Oak Grove, CA-- 13
84. 1850 -- Sweathouse Massacre, Sonoma County Whites kill Natives, Napa County, CA-- 11
85. 1859 --~Oct 11, Massacre, Jarboe volunteers attack Yuki camp, Round Valley, CA -- 11
86. 1774 -- Apr 30, Greathouse VA force murder Mingos, Yellow Creek/OH Riv., OH/WV³³³⁷~10
87. 1859 -- July 28, Whites Massacre Natives near Forks of Butte, Butte County, CA -- ~10

³³³⁷ We note Ohio and West Virginia because while the murders occurred on today's WV side, the natives lived across the Ohio River (in present-day Ohio) at a camp where Yellow Creek empties into the Ohio.

VIOLENCE Subset – **MASSACRES/Atrocities - Whites Against Native Americans**
Chronological

1. 1539 --~Sep 16, Napituca Massacre, Hernando de Soto executes Timucuan, No. Cen. FL-30-200
2. 1541/42 Winter, Coronado's Expeditionaries burn-at-the-stake Tiwa Natives, NM³³³⁸ --40-50
3. 1542 --~Mid-May, Massacre, de Soto's men attack Natives in Nilco province town, AR--~100
4. 1599 -- Jan 21, Spanish (Oñate) Massacre Acoma Natives, punitive expedition, NM -300-800

5. 1623 -- May 12, Cpt. Tucker VA party poison/kill Powhatans, Patawomeck, VA --150-200
6. 1637 -- Mystic Massacre, Eng. Colonists Attack Pequot Vil., Mystic River, CT --600-700
7. 1637 -- Massacre of Lenni-Lenape at Pavonia (near present day Jersey City, NJ) -- 80
8. 1643 -- Feb 25, New Amsterdam Dutch massacre Natives, Pavonia [NJ]³³³⁹ --80-120
9. 1644 -- Early (Jan?), Massacre, Dutch and English attack Mespath (Long Island, NY) -- 120
10. 1644 -- Feb, Massacre, Dutch attack Siwanoy, Petuquapaen, ~Cos Cob, CT³³⁴⁰ --500-700
11. 1675 -- July or Sep, VA Militiamen looking for Doeg Natives Kill Susquehannocks, VA-- 14
12. 1675 -- Dec 19, English Colonists Massacre Narragansetts, Great Swamp, RI --365-1,100
13. 1676 -- May 19, Eng. Colonists massacre Peskeomskut Natives, Turners Falls, MA --200-300
14. 1676 -- Jul 02, Massacre, Eng. Colonists attack Narragansett camp ~Providence, RI--100-126
15. 1676 -- July 3 or 4, Massacre, Eng. Colonists attack Narragansetts, Warwick Neck, RI--40-67
16. 1690 -- ~Sep 15, Massacre, English attack native village, NW of Brunswick, ME -- 21

17. 1724 -- Aug 23, Massacre, colonial militia attack Abenaki village, Norridgewock, ME~80-100
18. 1745 -- Russian traders massacre Unangan (Aleut) Women and Children, Attu, AK -- 15
19. 1760 -- Feb, Massacre, Cherokee hostages by colonial soldiers, Fort Prince George, SC-- 22
20. 1763 -- Unangan/Eastern Aleut conflict with Russians, Unalaska/Umnak/Unimak Isl., AK>375
21. 1763 -- Dec 14 & 27, Massacres, *Paxton Boys* kill Natives, Conestoga & Lancaster, PA -- 20
22. 1774 -- Apr 30, Greathouse VA force murder Mingos, Yellow Creek/OH Riv., OH/WV³³⁴¹~10
23. 1782 -- March 8, Massacre of noncombatant Indians by PA militia, Gnadenhutten, OH-- 96
24. 1784 -- Russian fur traders massacre Sugpiaq Natives, Kodiak Island, AK -->200

25. 1813 -- Nov 3, Tallushatchee Battle /Massacre, Gen. Coffee destroys Creek Vil., AL -- 300
26. 1813 -- Nov 18, Hillabee Massacre, US Troops attack Creek Vil. suing for peace, AL -- 61

27. 1832 -- Aug 02, Battle Island Massacre/Massacre of Bad Axe, Natives attacked, WI -- < 60
28. 1837 -- Spring, Santa Rita/John Johnson Massacre, Apache Trading Party, SX NM -- 20

29. 1840 -- Mar 19, Council House Fight, Comanches in peace party, San Antonio, TX³³⁴²-- 35

³³³⁸ Refers to those burned at the stake, not to the Natives killed in fighting, or killed after surrender by "lancing."

³³³⁹ Giersbach writes that the attack site was today's Corlaer's Hook, Jersey City. *Wikipedia* has it that Pavonia was "on the west bank of the North River (Hudson River)...in what would become today's Hudson County, New Jersey." (*Wikipedia*. "Pavonia, New Netherland," 11-11-2012 modification.)

³³⁴⁰ In dispute; some place in Westchester Co., NY (Dinan. "Historians Sift Clues..." *Greenwich Time*, 3-5-2006.)

³³⁴¹ We note Ohio and West Virginia because while the murders occurred on today's WV side, the natives lived across the Ohio River (in present-day Ohio) at a camp where Yellow Creek empties into the Ohio.

³³⁴² Seven Texans were also killed – making total number of dead 42. We note as a "massacre" in that the Comanche had been invited in to pursue peace negotiations, and had brought along wives and children, five of whom were among the thirty-five Comanche killed by an armed force brought in ready to fight, unbeknownst to the Comanche.

- 30. 1840 -- Oct 24, TX volunteers ambush Comanche camp, Red Fork Col. River, TX --110-140
- 31. 1846 -- Mid Apr, Sacramento River Massacre, Carson/Fremont attack Natives, N. CA-- >175
- 32. 1849 -- March, Ore. miners kill Maidus, American River, Weber's Creek, Coloma, CA-- >22
- 33. 1849 -- Apr 26~ Whites massacre Natives Daylor mine & ranch, Cosumnes Riv. area, No. CA-- ≥17

VIOLENCE Subset--**"MASSACRES"** - Whites Against Native Americans -- **Chronological**

- 34. 1850 -- "Friendship Feast," Whites poison Trinity Riv. Wintu Natives, Shasta Co., CA-- 145
- 35. 1850 -- Sweathouse Massacre, Sonoma County Whites kill Natives, Napa County, CA-- 11
- 36. 1850 -- Feb 25, Smith/Kelsey massacre Natives, Henry Fowler ranch, no. Napa Vly., CA>13
- 37. 1850 -- May 15, Bloody Island Massacre, USA Attack Pomo, Clear Lake, CA --60-200
- 38. 1850 -- May 19, Russian River Massacre, US Army attacks Pomo, ~Healdsburg, CA -- >75
- 39. 1851 -- Massacre, White Miners Burn Wintu Council House, Old Shasta, CA -- 300

- 40. 1852 -- Mar 12, Massacre of Natives, upper crossing Klamath Ri. ferry & Indian Flat, CA--30-40
- 41. 1852 -- Apr 23, Bridge Gulch Massacre, Whites attack Natives ~Hayfork, No. CA --140-153
- 42. 1852 -- July 03~, Harvey party attacks Yokut village, Kings River rancheria, CA --9-~30
- 43. 1852 -- Sum., Capt Crosby Force Massacre Modocs, Tule Lake reg., CA/OR Border --11-15
- 44. 1852 -- Nov, Ben Wright Massacre of Modocs, peace talks, Lost Riv., Tule Lake, CA --30-41

- 45. 1853 -- Burnt Ranch Massacre, Settlers kill Tolowa, Yontocket, Smith Riv., No. CA-450-600
- 46. 1853 -- Pence party attacks Native American camp ~Messilla Valley, Butte Co., CA -- 27
- 47. 1853 -- Mar 01, Cattle theft reported, Whites attack Natives in cave near Oak Grove, CA-- 13
- 48. 1853 -- Fall, White/Chinese retaliatory attack re. Natives, Feather Riv., Butte Co., CA--40-60

- 49. 1854 -- Feb 15, Miller group massacres Chetco River Natives ~river mouth, SW OR -- ~26
- 50. 1854 -- May 15~, Asbill party kill Yuki Natives, Round Valley, Mendocino Co., CA--32-~40

- 51. 1855 -- Jan 1, Settlers Massacre Tolowa, Etchulet (Achulet), ~Lake Earl, No. CA --30->100
- 52. 1855 -- Sep, "Cpt." Jarboe force Massacres Achomawi Natives, Pit River village, CA -- >70
- 53. 1855 -- Oct 08, Lupton Massacre, Whites attack Indian village ~Upper Table Rock, OR-- 23

- 54. 1856 -- Apr/May 13, Whites attack Natives, near Visalia, Keysville & Battle Mt., CA -- >40

- 55. 1857 -- Sep 3, Massacre, Col. Harney Attacks Sioux Camp, Bluewater Creek, NE -- 150

- 56. 1858 -- Early May, Killing of Yana Natives near Battle Creek, Tehama Co, No. CA -- 15
- 57. 1858 -- Early-mid Jun, Whites attack Mattole Natives, Mattole Vly., Humboldt Co. --15-20
- 58. 1858 -- Dec 31, Whites kill Natives ~Eden Valley, Russian River area, Sonoma Co., CA—14

- 59. 1859 -- Jan 01, Whites kill Natives, Round Valley, Mendocino County, CA -- 40
- 60. 1859 -- Late Mar-mid Apr, Whites kill Natives, Round Valley, Mendocino Co., CA--300-400
- 61. 1859 -- May, Whites Massacre Yuki Natives, Round Valley, Mendocino County, CA -- 240
- 62. 1859 -- ~July, Hildreth militia massacres Natives, Round Valley vicinity, No. CA -- 17
- 63. 1859 -- July, last week, Breckenridge militia attack Natives, Tehama Co., No. CA --10-16

- 64. 1859 -- July 28, Whites Massacre Natives near Forks of Butte, Butte County, CA -- ~10
- 65. 1859 -- Summer, Chico Creek Canyon Massacre, Whites attack Maidu Natives, N. CA-- ~40
- 66. 1859 --Late Aug,³³⁴³ McElroy party massacres Natives, Roff's Ranch, Pitt Riv. vic., CA-->49
- 67. 1859 -- ~Nov 24, Jarboe's Eel River Rangers attack Natives, Round Valley vic., CA -- ≥27
- 68. 1859 -- Dec 19, Whites attack Natives, Round Valley, Mendocino County, CA --20-32

VIOLENCE Subset--**"MASSACRES" - Whites Against Native Americans** -- **Chronological**

- 69. 1860 -- Whites attack Yuki Natives near Round Valley, Mendocino County, CA -- 250
- 70. 1860 -- Feb 26, Whites Massacre Natives, Indian Isl. & Humboldt Bay vic., CA -->100->250

- 71. 1861 --~Feb 2, Settlers kill Natives, Eel Riv. above Sonoma Trail, Iaqua vicinity, CA --13-39
- 72. 1861 -- Late Sep, Horse Canyon Massacre, Whites/Natives attack Wailaki, Round Val. CA--100-240

- 73. 1862 -- Aug, Massacre of Wailaki Natives, Upper Station, Round Valley Resvn., CA -- >20

- 74. 1863 -- Jan 29, Massacre, Shoshoni Village attacked, Bear River, Utah Territory -- 384
- 75. 1863 -- Apr 19, Keysville Massacre, US Army attacks Natives, near Keysville, CA -- 35
- 76. 1863 -- Sep 3, Massacre, Army attacks Dakota/Lakota Sioux, Whitestone Hill, ND --150-300

- 77. 1864 -- Sep, General massacre of Yana Natives, Northern CA -->335-500
- 78. 1864 -- Nov 29, Sand Creek Massacre of Cheyenne/Arapaho near Fort Lyon, CO --130-150

- 79. 1865 -- Aug 16, Workman/Three Knolls Massacre, Whites kill Yanas, Mill Creek, CA-- ~40

- 80. 1868 -- Nov 27, "Battle" of the Washita, Custer attacks Cheyenne village, OK -- 103

- 81. 1870 -- Jan 23, Massacre, Marias Riv. Piegan Tribe attacked by 2nd Cav., MT Territory-- 173

- 82. 1871 -- Cowboys (4) Massacre Yahi women/children, Kingsley Cave, Tehama Co., CA-- ~30
- 83. 1871 -- Apr 30, Massacre of Apaches, Camp Grant Arivaipa, Arizona Territory --125-150

- 84. 1890 -- Massacre, Natives attacked by U.S. 7th Cavalry, Wounded Knee, SD -- 350

³³⁴³ Date is uncertain. We have it as late August based on Cpt. Adams report of the incident dated Sep 3, Ft. Crook.

VIOLENCE Subset – **MASSACRES/Atrocities (Other)** – **By Mortality**

1. 1836 -- Mar 27, Mexican Pres. Santa Anna orders execution of TX prisoners, Goliad, TX--342
2. 1833 -- Early Sum., Cutthroat Gap Massacre, Osage attack Kiowa, ~Saddle Mt., OK --~150
3. 1862 -- Oct 24, Massacre of Tonkawa by pro-Union Natives near Anadarko, OK --136-150
4. 1565 --Sep 20, Massacre, Spanish troops kill male French colonists, Fort Caroline FL³³⁴⁴ ~140
5. 1857 -- Sep 11, Mt. Meadows Massacre, Mormons/Paiutes attack Wagon Train, UT--120-140
6. 1866 -- May 19-21, Massacres of Chinese Miners by Natives, Battle Creek vic., OR --50-150
7. 1873 -- Aug 5, Massacre, Dakota (Sioux) attack Pawnee hunting party ~Trenton, NE -- 69
8. 1831 -- Aug 21-23, Nat Turner Slave Revolt/Massacre of Whites, Southampton Co., VA-55-65
9. 1815 -- Apr 06, Massacre of American Prisoners-of-War, Dartmoor Prison, England -- 7-64
10. 1831 -- Aug 23-31, White response to Turner revolt, Blacks killed without trial, VA/NC ~32-~54

11. 1676 -- Jun 12, Mohawks massacre Native camp whose men were attacking Hadley, MA--50
12. 1887 -- May 25, Chinese gold miners slain by thieves, Massacre Cove, Wallowa Co., OR--31-34
13. 1863 -- Apr 11, Chilula Massacre by Hoopa/Chilulas ~Stone Lagoon, Humboldt Co., CA-- ~30
14. 1885 -- Sep 2, Massacre, Racial/Union Violence, Chinese Miners, Rock Springs WY³³⁴⁵-- 28
15. 1850 -- Apr 03, Sioux Massacre Chippewa men, women, children, Apple River, WI -- 14

³³⁴⁴ Today's Jacksonville.

³³⁴⁵ Cross-listed under Violence-Labor, Violence-Racial, and Violence-Terrorism.

VIOLENCE Subset – **MASSACRES/Atrocities (Other)** – **Chronological**

1. 1565 --Sep 20, Massacre, Spanish troops kill male French colonists, Fort Caroline L³³⁴⁶ ~140
2. 1676 -- Jun 12, Mohawks massacre Native camp whose men were attacking Hadley, MA--50
3. 1815 -- Apr 06, Massacre of American Prisoners-of-War, Dartmoor Prison, England -- 7-64
4. 1831 -- Aug 21-23, Nat Turner Slave Revolt/Massacre of Whites, Southampton Co., VA-55-65
5. 1831 -- Aug 23-31, White response to Turner revolt, Blacks killed without trial, VA/NC ~32--54
6. 1833 -- Early Sum., Cutthroat Gap Massacre, Osage attack Kiowa, ~Saddle Mt., OK -- ~150
7. 1836 -- Mar 27, Mexican Pres. Santa Anna orders execution of TX prisoners, Goliad, TX--342
8. 1850 -- Apr 03, Sioux Massacre Chippewa men, women, children, Apple River, WI -- 14
9. 1857 -- Sep 11, Mt. Meadows Massacre, Mormons/Paiutes attack Wagon Train, UT--120-140
10. 1862 -- Oct 24, Massacre of Tonkawa by pro-Union Natives near Anadarko, OK --136-150
11. 1863 -- Apr 11, Chilula Massacre by Hoopa/Chilulas ~Stone Lagoon, Humboldt Co., CA-- ~30
12. 1866 -- May 19-21, Massacres of Chinese Miners by Natives, Battle Creek vic., OR --50-150
13. 1873 -- Aug 5, Massacre, Dakota (Sioux) attack Pawnee hunting party ~Trenton, NE -- 69
14. 1885 -- Sep 2, Massacre, Racial/Union Violence, Chinese Miners, Rock Springs WY³³⁴⁷-- 28
15. 1887 -- May 25, Chinese gold miners slain by thieves, Massacre Cove, Wallowa Co., OR--31-34

³³⁴⁶ Today's Jacksonville.

³³⁴⁷ Cross-listed under Violence-Labor, Violence-Racial, and Violence-Terrorism.

VIOLENCE Subset – **NEGLIGENCE**

1. 1884 -- June 4, Infant Bodies found, Nivison Home for Infants, Hammonton, NJ -- 21

VIOLENCE – PLANES BLOWN-Up/Crashed Subset–By Mortality

1. 1999 -- Oct 31, Mass Murder, Egypt Air Flight 990 Crash, off Nantucket Is. MA³³⁴⁸ -- 217
2. 1962 -- May 22, Mass Mur., Continental Flight 11 Blown-Up over Unionville, MO³³⁴⁹ -- 45
3. 1955 -- Nov 01, Mass Murder, United Flight No. 629 Blown Up over Denver, CO³³⁵⁰ -- 44
4. 1964 -- May 07, Mass Mur., Pilot Shot, Pacific Air 773 Crashes, San Ramon, CA,³³⁵¹ -- 44
5. 1987 -- Dec 07, Mass Mur., Pacific SW Flight 1771 Hijacked/Crashed, Cayucos, CA³³⁵² -- 43
6. 1959 -- Nov 16, Mass Mur., National Airlines 967 Brought Down, Gulf of Mexico³³⁵³ -- 42
7. 1960 -- Jan 06, Mass Murder, National Air Flight 2511 Blown-up, Bolivia, NC³³⁵⁴ -- 34

VIOLENCE – PLANES Blown-Up or Crashed Subset–Chronological

1. 1955 -- Nov 01, Mass Murder, United Flight No. 629 Blown Up over Denver, CO³³⁵⁵ -- 44
2. 1959 -- Nov 16, Mass Mur., National Airlines 967 Brought Down, Gulf of Mexico³³⁵⁶ -- 42
3. 1960 -- Jan 06, Mass Murder, National Air Flight 2511 Blown-up, Bolivia, NC³³⁵⁷ -- 34
4. 1962 -- May 22, Mass Mur., Continental Flight 11 Blown-Up over Unionville, MO³³⁵⁸ -- 45
5. 1964 -- May 07, Mass Mur., Pilot Shot, Pacific Air 773 Crashes, San Ramon, CA,³³⁵⁹ -- 44
6. 1987 -- Dec 07, Mass Mur., Pacific SW Flight 1771 Hijacked/Crashed, Cayucos, CA³³⁶⁰ -- 43
7. 1999 -- Oct 31, Mass Murder, Egypt Air Flight 990 Crash, off Nantucket Is. MA³³⁶¹ -- 217

³³⁴⁸ Cross-listed under Aviation.

³³⁴⁹ Cross-listed under Aviation and Violence-Bombing.

³³⁵⁰ Cross-listed under Aviation and Violence-Bombing.

³³⁵¹ Cross-listed under Aviation.

³³⁵² Cross-listed under Aviation.

³³⁵³ Cross-listed under Aviation.

³³⁵⁴ Cross-listed under Aviation and Violence-Bombing.

³³⁵⁵ Cross-listed under Aviation and Violence-Bombing.

³³⁵⁶ Cross-listed under Aviation.

³³⁵⁷ Cross-listed under Aviation and Violence-Bombing.

³³⁵⁸ Cross-listed under Aviation and Violence-Bombing.

³³⁵⁹ Cross-listed under Aviation.

³³⁶⁰ Cross-listed under Aviation.

³³⁶¹ Cross-listed under Aviation.

VIOLENCE– POISONING Subset --Deadliest American – By MORTALITY

1. 1850 -- “Friendship Feast,” Whites poison Trinity Riv. Wintu Natives, Shasta Co., CA³³⁶²145

OTHER:

- 1982 -- Sep 29, Sabotage/Poisoning deaths begin, Tylenol Tampering, Chicago, IL³³⁶³-- 7

VIOLENCE– POISONING Subset -- Deadliest American -- CHRONOLOGICAL

1. 1850 -- “Friendship Feast,” Whites poison Trinity Riv. Wintu Natives, Shasta Co., CA³³⁶⁴145
1982 -- Sep 29, Sabotage/Poisoning deaths begin, Tylenol Tampering, Chicago, IL³³⁶⁵-- 7

³³⁶² Cross-listed in Violence – Massacres.

³³⁶³ Cross-listed in Sabotage.

³³⁶⁴ Cross-listed in Violence – Massacres.

³³⁶⁵ Cross-listed in Sabotage.

VIOLENCE -- POLITICAL: Secession, Uprising, Revolt, Riot, Mob Subset-By Mortality

1. 1771 -- May 16, "Regulators" Uprising, NC -- 300
2. 1868 -- Sep 28-29, Opelousas Massacre (racial/political), St. Landry Parish, LA --200-300
3. 1836 -- Feb 23-March 6, Fall of the Alamo, Texans Revolt from Mexico -- 257
4. 1874 -- Apr 30-May 9 "Brooks-Baxter (contending Govs.) War" Little Rock AR -- >200
5. 1863 -- July 13-17, Anti-Draft and Racial Riots, New York City, NY³³⁶⁶ --105~120
6. 1873 -- Apr 13, Racial and Political Violence, Colfax, Louisiana --67-105
7. 1811 -- Jan, Deslondes Slave Rebellion and Retaliation, German Coast, LA -- 101
8. 1876 -- Sep 15-21, Racial Violence, esp. ~Ellenton, Aiken & Barnwell Co's. SC³³⁶⁷ --25-100
9. 1831 -- Aug 21-23, Nat Turner Slave Revolt/Massacre of Whites, Southampton Co., VA --55-65
10. 1875 -- Sep 4-6, Racial/pol. violence, whites attack blacks, Clinton, Hinds Co., MS³³⁶⁸ --37-57
11. 1884 -- Mar 28-30, Hamilton County Courthouse Riots, Cincinnati, OH³³⁶⁹ --45-56

12. 1866 -- July 30, Racial/Political "Riots", Blacks seeking rights, New Orleans, LA³³⁷⁰ --38-48
13. 1874, Sep 14, White League vs. Republican Race/Politics Battle, New Orleans LA³³⁷¹ - 27-38
14. 1800 -- Aug 30, Gabriel's Rebellion/Slave Uprising/Mass Hanging, Richmond, VA -- 35
15. 1882 -- June, Slave Insurrection Conspiracy Charge, Executions, Charleston, SC -- 35
16. 1950 -- Oct 29-Nov 6,³³⁷² Independence uprisings multiple locations, Puerto Rico -- ~33
17. 1874 -- Aug 30, Racial/Political Coushatta Massacre, Coushatta to Shreveport, LA³³⁷³ --10-26
18. 1898 -- Nov 10, Racial and Political (local coup d'état) Violence, Wilmington, NC --22-26
19. 1677 -- Leaders of Bacon's Rebellion are Hanged in VA --22-23
20. 1855--Aug 6, Vote day Know-Nothing anti-German/Irish/Catholic riot, Louisville, KY³³⁷⁴ --22
21. 1712 -- April 6, Fear of Insurrection of Blacks, Executions, NY, NY -- 21
22. 1859 -- Oct 16-18, John Brown Insurrection, Harper's Ferry, VA, -- 20
23. 1847 -- Jan 19-20 Mexican/Pueblo Revolt, against U.S. NM occupation, Taos vic. --16-≥19
24. 1884 -- Nov 01, Political Riot, Loreauville, Iberia Parish, LA -- ≥18
25. 1861 -- April 19, Secession Mob Attacks 6th MA & 7th PA Regiments, Baltimore, MD-- 16
26. 1848 -- Violence, Vigilante Riot, Jailhouse, Cincinnati, OH -- 11
27. 1854 -- Aug 7-8, Voting Riots, Nativist "Know Nothings" vs. Irish, St. Louis, MO³³⁷⁵ -- 10

³³⁶⁶ Cross-listed in Racial Violence.

³³⁶⁷ Cross-listed herein given the strong Democrat versus Republican backdrop and component of this violence.

³³⁶⁸ Cross-listed in Racial Violence. Majority of targets were Black men, in general, and Republican leaders.

³³⁶⁹ Cross-listed in the Violence subset Racial/Ethnic, in that one source considers it such, but at least one does not.

³³⁷⁰ Cross-listed in the Violence subset Racial/Ethnic.

³³⁷¹ Cross-listed in the Violence subset Racial/Ethnic.

³³⁷² Most of the fighting was over by Nov 1, but did not conclude entirely until Nov 6.

³³⁷³ Cross-listed in the Violence subset Racial/Ethnic.

³³⁷⁴ Cross-listed in the Violence subset Racial/Ethnic Incidents, Riots, Attacks, and in the Religious subset.

³³⁷⁵ Cross-listed in the Violence subset Racial/Ethnic Incidents, Riots, Attacks.

VIOLENCE--POLITICAL Subset: Secession/Uprising/Revolt/Riot/Mob--Chronological

1. 1677 -- Leaders of Bacon's Rebellion are Hanged in VA --22-23
2. 1712 -- April 6, Fear of Insurrection of Blacks, Executions, NY, NY -- 21
3. 1771 -- May 16, "Regulators" Uprising, NC -- 300
4. 1800 -- Aug 30, Gabriel's Rebellion/Slave Uprising/Mass Hanging, Richmond, VA -- 35
5. 1811 -- Jan, Deslondes Slave Rebellion and Retaliation, German Coast, LA -- 101
6. 1831 -- Aug 21-23, Nat Turner Slave Revolt/Massacre of Whites, Southampton Co., VA --55-65
7. 1836 -- Feb 23-March 6, Fall of the Alamo, Texans Revolt from Mexico -- 257
8. 1847 -- Jan 19-20 Mexican/Pueblo Revolt, against U.S. NM occupation, Taos vic. -16-≥19
9. 1848 -- Violence, Vigilante Riot, Jailhouse, Cincinnati, OH -- 11
10. 1854 -- Aug 7-8, Voting Riots, Nativist "Know Nothings" vs. Irish, St. Louis, MO³³⁷⁶ -- 10
11. 1855--Aug 6, Vote day Know-Nothing anti-German/Irish/Catholic riot, Louisville, KY³³⁷⁷-22
12. 1859 -- Oct 16-18, John Brown Insurrection, Harper's Ferry, VA, -- 20
13. 1861 -- April 19, Secession Mob Attacks 6th MA & 7th PA Regiments, Baltimore -- 16
14. 1863 -- July 13-17, Anti-Draft and Racial Riots, New York City, NY³³⁷⁸ --105-~120
15. 1866 -- July 30, Racial/Political "Riots", Blacks seeking rights, New Orleans, LA³³⁷⁹ --38-48
16. 1868 -- Sep 28-29, Opelousas Massacre (racial/political), St. Landry Parish, LA --200-300
17. 1873 -- April 13, Racial and Political Violence, Colfax, Louisiana --67-105
18. 1874 -- Apr 30-May 9 "Brooks-Baxter (contending Govs.) War" Little Rock AR -- >200
19. 1874 -- Aug 30, Racial/Political Coshatta Massacre, Coshatta to Shreveport, LA³³⁸⁰ --10-26
20. 1874 -- Sep 14, White League vs. Republican Race/Politics Battle, New Orleans LA³³⁸¹ - 27-38
21. 1875 -- Sep 4-6, Racial/pol. violence, whites attack blacks, Clinton, Hinds Co., MS³³⁸²-37-57
22. 1876 -- Sep 15-21, Racial Violence, esp. ~Ellenton, Aiken & Barnwell Co's. SC³³⁸³ --25-100
23. 1882 -- June, Slave Insurrection Conspiracy Charge, Executions, Charleston, SC -- 35
24. 1884 -- Mar 28-30, Hamilton County Courthouse Riots, Cincinnati, OH³³⁸⁴ --45-56
25. 1884 -- Nov 01, Political Riot, Loreauville, Iberia Parish, LA -- ≥18

³³⁷⁶ Cross-listed in the Violence subset Racial/Ethnic Incidents, Riots, Attacks.

³³⁷⁷ Cross-listed in the Violence subset Racial/Ethnic Incidents, Riots, Attacks, and in the Religious subset.

³³⁷⁸ Cross-listed in Racial Violence.

³³⁷⁹ Cross-listed in the Violence subset Racial/Ethnic.

³³⁸⁰ Cross-listed in the Violence subset Racial/Ethnic.

³³⁸¹ Cross-listed in the Violence subset Racial/Ethnic.

³³⁸² Cross-listed in Racial Violence. Majority of targets were Black men, in general, and Republican leaders.

³³⁸³ Cross-listed herein given the strong Democrat versus Republican backdrop and component of this violence.

³³⁸⁴ Cross-listed in the Violence subset Racial/Ethnic, in that one source considers it such, but at least one does not.

26. 1898 -- Nov 10, Racial and Political (local coup d'état) Violence, Wilmington, NC --22-26
27. 1950 -- Oct 29-Nov 6,³³⁸⁵ Independence uprisings multiple locations, Puerto Rico -- ~33

³³⁸⁵ Most of the fighting was over by Nov 1, but did not conclude entirely until Nov 6.

VIOLENCE – **PRISON Riots** Subset – Deadliest American – **By Mortality**

1. 1971 -- Sep 9-13, Attica Prison Riot and Government Re-taking of Prison, Attica, NY³³⁸⁶--39
2. 1980 -- Feb 2-3, NM State Penitentiary Uprising/Inmate Killings, near Santa Fe, NM -- ≥33

Violence – **PRISON Riots** Subset – Deadliest American – **Chronological**

1. 1971 -- Sep 9-13, Attica Prison Riot and Government Re-taking of Prison, Attica, NY³³⁸⁷--39
2. 1980 -- Feb 2-3, NM State Penitentiary Uprising/Inmate Killings, near Santa Fe, NM -- ≥33

³³⁸⁶ Cross-listed in Prison Riots.

³³⁸⁷ Cross-listed in Prison Riots.

VIOLENCE – RACIAL/ETHNIC Incidents, Riots, Attacks Subset -- Mortality

1. 1868 -- Sep 28-29, Opelousas Massacre (racial/political), St. Landry Parish, LA --200-300
2. 1917 -- July 1-3, especially July 2, East St. Louis anti-Black Race Riots, IL --48-200
3. 1919 -- Sep 30-Oct 2, Racial Violence, Hoop Spur, Elaine vic., Phillips Co., AR --100-200
4. 1921 -- May 31-Jun 1, Race Riot, Whites attack Blacks, Greenwood area, Tulsa, OK--38-200
5. 1873 -- April 13, Racial and Political Violence, Colfax, Louisiana --67-105
6. 1919 -- Sep 30-Oct 2, Elaine Race Riot/Elaine Race Massacre, against Blacks, AK -- <100
7. 1831 -- Aug 21-23, Nat Turner Slave Revolt/Massacre of Whites, Southampton Co., VA --55-65
8. 1875 -- Sep 4-6, Racial/pol. violence, whites attack blacks, Clinton, Hinds Co., MS³³⁸⁸ -37-57
9. 1884 -- March 28-30, Hamilton County Courthouse Riot, Cincinnati, OH³³⁸⁹ --45-56
10. 1831 -- Aug 23-31, White response to Turner revolt, Blacks killed without trial, VA/NC ~32-~54

11. 1992 -- April 29-May 4, Riots following Rodney King Verdict, Los Angeles, CA --53-54
12. 1741 -- Mar, Alleged Slave Uprising, Blacks Burned and Hanged, NYC, NY --33-52
13. 1874 -- Dec 07, Violence-Massacre, Whites attack Blacks, Vicksburg, MS -- 50
14. 1887 -- Nov 23-25, Violence, racial/labor, striking sugarcane workers, Thibodaux, LA³³⁹⁰ --30->50
15. 1866 -- May 1-3, Racial riots, Irish police lead riots against blacks, Memphis, TN³³⁹¹ --46-48
16. 1866 -- July 30, Racial/Political “Riots”, Blacks seeking rights, New Orleans, LA³³⁹² --38-48
17. 1968 -- Apr 4-11, Martin Luther King Jr. assassination rioting, esp. Chicago, DC, --42-46
18. 1967 -- July 23-26, Detroit Race Riots, Army, Mich. NG, Detroit & State Police, MI -- 43
19. 1906 -- Sep 22-26, Race Rioting, Atlanta, GA --25-40
20. 1874, Sep 14, White League vs. Republican Race/Politics Battle, New Orleans LA³³⁹³ - 27-38
21. 1919 -- July 27-31 (dates of major rioting and deaths), Race Riots, Chicago, IL -- 38
22. 1943 -- June 20-22, Detroit Racial Rioting, MI³³⁹⁴ -- 34
23. 1965 -- Aug 11-17, Watts Race Riots, Los Angeles, CA -- 34
24. 1871 -- Mar 6-7 approximately, Racial Violence, Meridian, MS --25-30
25. 1885 -- Sep 2, Massacre, Racial/Union Violence, Chinese Miners, Rock Springs WY³³⁹⁵ -- 28
26. 1910 -- July 29-30, Racial Rioting, Whites attack Blacks, Slocum, TX and vicinity --18-28
27. 1874 -- Aug 30, Racial/Political Coushatta Massacre, Coushatta to Shreveport, LA³³⁹⁶ --10-26
28. 1898 -- Nov 10, Racial and Political (local coup d’état) Violence, Wilmington, NC --22-26
29. 1967 -- July 12-17 (esp. 13th), Police Violence and Racial Rioting, Newark, NJ³³⁹⁷ --25-26
30. 1910 -- Jul 3-5, Race Riots/Violence, result of Jack Johnson defeat of Jim Jeffries --18-24
31. 1855--Aug 6, Vote day Know-Nothing anti-German/Irish/Catholic riot, Louisville, KY³³⁹⁸ -22

³³⁸⁸ Cross-listed in Political Violence. Majority of targets were Black men, in general, and Republican leaders.

³³⁸⁹ Cross-listed in Political violence subset – mob violence after a jury verdict of manslaughter rather than murder for a German-American and African-American who had killed a white man. One source (a judge) cited in descriptive section denies that this was an ethnic/racial event, but stemmed from a sense of injustice in the verdict.

³³⁹⁰ There were unconfirmed reports of up to 300 fatalities. Cross-listed in Violence – Labor.

³³⁹¹ Forty-six blacks killed by police and rioters; 2 whites killed by friendly-fire. Cross-listed in Gov. Use of Force.

³³⁹² Cross-listed in the Violence subset Political.

³³⁹³ Cross-listed in the Violence subset Political.

³³⁹⁴ Cross-listed in Governmental use of force violence subset in that police killed 17 people, all black.

³³⁹⁵ Cross-listed under Violence-Labor, Violence-Massacres, and Violence-Terrorism.

³³⁹⁶ Cross-listed in the Violence subset Political.

³³⁹⁷ Of the 25-26 deaths, 23 were from gunshots, approximately 19 of those by local and State Police and State National Guard, thus cross-listed in Governmental Use of Force. One death was by a drug overdose, which we have not seen an account which explains why this was considered riot-related, thus the range of 25-26.

32. 1712 -- Apr 06, Violence, Fear of Insurrection of Blacks leads to Executions, NY, NY-- 21
 33. 1871 -- Oct 24, Racial Violence and Massacre, Chinatown, Los Angeles, CA -- 21
 34. 1888 -- Aug 16, Racial Violence, White Regulators attack Blacks, Freetown, LA --10-21
 35. 1856 -- Apr 15, Locals and Americans fight, leads to Riot, Panama City, Panama --16-20
 36. 1911 -- Mar 9-15, Violence, Race Strike, Queen & Crescent Rail, KY, TN -- 20
 37. 1917 -- Aug 23, 24th Infantry (Black)/Camp Logan Mutiny/Racial Riot, Houston, TX -- 20

VIOLENCE – RACIAL/ETHNIC Incidents, Riots, Attacks Subset – MORTALITY

38. 1863 -- July 13-17, Anti-Draft and Racial Riots, NYC (black subset of 105~120)³³⁹⁹ --11-18
 39. 1901 -- Oct 27, Race Riot, Balltown, Washington Parish, LA -- 9-18
 40. 1980 -- May 17-18, racial riots after jury acquits police, black beating death, Miami, FL-- 18
 41. 1868 -- July 15 time-frame, White vs. Black Conflict, Millican, Brazos Co., TX -- 6-15
 42. 1904 -- Mar 23-24, Racial Violence Against Blacks, St. Charles, AR -- 13
 43. 1886 -- Mar 17, Racial Hate Crime, Carrollton Massacre, Carrollton, MS -- 13
 44. 1855 -- Apr 02, “Know-Nothings” vs. “Over the Rhine” Riot, Cincinnati, OH --10-12
 45. 1900 -- Jul 24-27, Anti-black riots (re. Robert Charles shootings), New Orleans, LA³⁴⁰⁰ -- ~12
 46. 1891 -- Mar 14, Racial Vio., Mob Enters Jail, Kills Italian Prisoners, New Orleans LA-- 11
 47. 1854 -- Aug 7-8, Voting Riots, Nativist “Know Nothings” vs. Irish, St. Louis, MO³⁴⁰¹ -- 10
 48. 1889 -- Dec 25, Racial Violence, Jesup, GA --6~10

Other:

- 1945 -- July 08, U.S. Army guard machine-guns sleeping German POWs, Salina, UT -- 9
 1923 -- Jan 1-7, Rosewood Rioting, Whites attack Blacks, Rosewood, Levy Co., FL -- ≥8
 1876 -- July 08, Whites attack blacks (inc. Co. A, 9th Regiment, SCNG) Hamburg, SC -- 7
 2012 -- Aug 05, Mass Shooting, Sikh Temple of Wisconsin Oak Creek, WI -- 7

³³⁹⁸ Cross-listed in the Violence subset Political, and in the Religious subset.

³³⁹⁹ Cross-listed in Political Violence.

³⁴⁰⁰ This is an estimate of blacks killed by mobs, and does not include the 7 Robert Charles-related deaths, nor his.

³⁴⁰¹ Cross-listed in the Violence subset Political.

VIOLENCE – **RACIAL** Incidents, Riots, Attacks Subset -- **CHRONOLOGICAL**

1. 1712 -- Apr 06, Violence, Fear of Insurrection of Blacks leads to Executions, NY, NY-- 21
2. 1741 -- Mar, Alleged Slave Uprising, Blacks Burned and Hanged, NYC, NY --33-52

3. 1831 -- Aug 21-23, Nat Turner Slave Revolt/Massacre of Whites, Southampton Co., VA --55-65
4. 1831 -- Aug 23-31, White response to Turner revolt, Blacks killed without trial, VA/NC ---32--54

5. 1854 -- Aug 7-8, Voting Riots, Nativist “Know Nothings” vs. Irish, St. Louis, MO³⁴⁰² -- 10
6. 1855 -- Apr 02, “Know-Nothings” vs. “Over the Rhine” Riot, Cincinnati, OH --10-12
7. 1855--Aug 6, Vote day Know-Nothing anti-German/Irish/Catholic riot, Louisville, KY³⁴⁰³ -22
8. 1856 -- Apr 15, Locals and Americans fight, leads to Riot, Panama City, Panama --16-20

9. 1863 -- July 13-17, Anti-Draft and Racial Riots, NYC (black subset of 105~120)³⁴⁰⁴ --11-18
10. 1866 -- May 1-3, Racial riots, Irish police lead riots against blacks, Memphis, TN³⁴⁰⁵ --46-48
11. 1866 -- July 30, Racial/Political “Riots”, Blacks seeking rights, New Orleans, LA³⁴⁰⁶ --38-48
12. 1868 -- July 15 time-frame, White vs. Black Conflict, Millican, Brazos Co., TX -- 6-15
13. 1868 -- Sep 28-29, Opelousas Massacre (racial/political), St. Landry Parish, LA --200-300

14. 1871 -- Mar 6-7 approximately, Racial Violence, Meridian, MS --25-30
15. 1871 -- Oct 24, Racial Violence and Massacre, Chinatown, Los Angeles, CA -- 21
16. 1873 -- April 13, Racial and Political Violence, Colfax, Louisiana --67-105
17. 1874 -- Aug 30, Racial/Political Coushatta Massacre, Coushatta to Shreveport, LA³⁴⁰⁷ --10-26
18. 1874 -- Sep 14, White League vs. Republican Race/Politics Battle, New Orleans LA³⁴⁰⁸ --27-38
19. 1874 -- Dec 07, Violence-Massacre, Whites attack Blacks, Vicksburg, MS -- 50
20. 1875 -- Sep 4-6, Racial/pol. violence, whites attack blacks, Clinton, Hinds Co., MS³⁴⁰⁹ -37-57
1876 -- July 08, Whites attack blacks (inc. Co. A, 9th Regiment, SCNG) Hamburg, SC-- 7

21. 1884 -- March 28-30, Hamilton County Courthouse Riot, Cincinnati, OH³⁴¹⁰ --45-56
22. 1885 -- Sep 2, Massacre, Racial/Union Violence, Chinese Miners, Rock Springs WY³⁴¹¹ -- 28
23. 1886 -- Mar 17, Racial Hate Crime, Carrollton Massacre, Carrollton, MS -- 13
24. 1887 -- Nov 23-25, Violence, racial/labor, striking sugarcane workers, Thibodaux, LA³⁴¹² --30->50
25. 1888 -- Aug 16, Racial Violence, White Regulators attack Blacks, Freetown, LA --10-21
26. 1889 -- Dec 25, Racial Violence, Jesup, GA --6~10

³⁴⁰² Cross-listed in Political Violence.

³⁴⁰³ Cross-listed in Political Violence, and in the Religious Violence subsets.

³⁴⁰⁴ Cross-listed in Political Violence.

³⁴⁰⁵ Forty-six blacks killed by police and rioters; 2 whites killed by friendly-fire. Cross-listed in Gov. Use of Force.

³⁴⁰⁶ Cross-listed in Political Violence.

³⁴⁰⁷ Cross-listed in Political Violence.

³⁴⁰⁸ Cross-listed in Political Violence.

³⁴⁰⁹ Cross-listed in Political Violence. Majority of targets were Black men, in general, and Republican leaders.

³⁴¹⁰ Cross-listed in Political Violence – mob violence after a jury verdict of manslaughter rather than murder for a German-American and African-American who had killed a white man. One source (a judge) cited in descriptive section denies that this was an ethnic/racial event, but stemmed from a sense of injustice in the verdict.

³⁴¹¹ Cross-listed under Labor Violence, Violence-Massacres, and Violence-Terrorism.

³⁴¹² There were unconfirmed reports of up to 300 fatalities. Cross-listed in Labor Violence.

27. 1891 -- Mar 14, Racial Vio., Mob Enters Jail, Kills Italian Prisoners, New Orleans LA-- 11
 28. 1898 -- Nov 10, Racial and Political (local coup d'état) Violence, Wilmington, NC --22-26

VIOLENCE – **RACIAL** Incidents, Riots, Attacks Subset -- **CHRONOLOGICAL**

29. 1900 -- Jul 24-27, Anti-black riots (re. Robert Charles shootings), New Orleans, LA³⁴¹³ -- ~12
 30. 1901 -- Oct 27, Race Riot, Balltown, Washington Parish, LA -- 9-18
 31. 1904 -- Mar 23-24, Racial Violence Against Blacks, St. Charles, AR -- 13
 32. 1906 -- Sep 22-26, Race Rioting, Atlanta, GA --25-40

 33. 1910 -- Jul 3-5, Race Riots/Violence, result of Jack Johnson defeat of Jim Jeffries --18-24
 34. 1910 -- July 29-30, Racial Rioting, Whites attack Blacks, Slocum, TX and vicinity --18-28
 35. 1911 -- Mar 9-15, Violence, Race Strike, Queen & Crescent Rail, KY, TN -- 20
 36. 1917 -- July 1-3, especially July 2, East St. Louis anti-Black Race Riots, IL --48-200
 37. 1917 -- Aug 23, 24th Infantry (Black)/Camp Logan Mutiny/Racial Riot, Houston, TX -- 20
 38. 1919 -- July 27-31 (dates of major rioting and deaths), Race Riots, Chicago, IL -- 38
 39. 1919 -- Sep 30-Oct 2, Elaine Race Riot/Elaine Race Massacre, against Blacks, AK -- <100

 40. 1921 -- May 31-Jun 1, Race Riot, Whites attack Blacks, Greenwood area, Tulsa, OK--38-200
 1923 -- Jan 1-7, Rosewood Rioting, Whites attack Blacks, Rosewood, Levy Co., FL -- ≥8

 41. 1943 -- June 20-22, Detroit Racial Rioting, MI³⁴¹⁴ -- 34
 1945 -- July 08, U.S. Army guard machine-guns sleeping German POWs, Salina, UT -- 9

 42. 1965 -- Aug 11-17, Watts Race Riots, Los Angeles, CA -- 34
 43. 1967 -- July 12-17 (esp. 13th), Police Violence and Racial Rioting, Newark, NJ³⁴¹⁵ --25-26
 44. 1967 -- July 23-26, Detroit Race Riots, Army, Mich. NG, Detroit & State Police, MI -- 43
 45. 1968 -- Apr 4-11, Martin Luther King Jr. assassination rioting, esp. Chicago, DC, --42-46

 46. 1980 -- May 17-18, racial riots after jury acquits police, black beating death, Miami FL-- 18

 47. 1992 -- April 29-May 4, Riots following Rodney King Verdict, Los Angeles, CA --53-54

 2012 -- Aug 05, Mass Shooting, Sikh Temple of Wisconsin Oak Creek, WI -- 7

³⁴¹³ This is an estimate of blacks killed by mobs, and does not include the 7 Robert Charles-related deaths, nor his.

³⁴¹⁴ Cross-listed in Governmental use of force violence subset in that police killed 17 people, all black.

³⁴¹⁵ Of the 25-26 deaths, 23 were from gunshots, approximately 19 of those by local and State Police and State National Guard, thus cross-listed in Governmental Use of Force. One death was by a drug overdose, which we have not seen an account which explains why this was considered riot-related, thus the range of 25-26.

VIOLENCE -- RELIGIOUS Incidents and Riots Subset – By Mortality

1. 1863 -- July 11-17, New York Draft Riots -- 100
2. 1871 -- July 12, Boyne Day Parade and Religious “Orange Riot,” NYC -- < 60
3. 1844 -- July 6-8, Anti Irish-Catholic Nativist Riot/Military Response, Philly, PA --15-50
4. 2016 -- June 12 -- Shooting/Terrorism/Hate-Crime, Gay Nightclub, Orlando, FL³⁴¹⁶ --³⁴¹⁷50
5. 1640 -- Violence, Spanish hang Natives for not renouncing their faith, present day NM-- 40
6. 1855--Aug 6, Vote day Know-Nothing anti-German/Irish/Catholic riot, Louisville, KY³⁴¹⁸-22
7. 1655 -- Mar 20, Battle of Severn, Catholics attack Puritans, Horn Pt., Annapolis, MD³⁴¹⁹-- 19
8. 1838 -- Haun’s Mill (Mormon) Massacre, Caldwell County, MO, October 30 -- 18
9. 1844 -- May 6-8, Riots, Protestant Nativists and Catholic Irish, Philadelphia, PA -- 14

VIOLENCE -- RELIGIOUS Incidents and Riots Subset – Chronological

1. 1640 -- Violence, Spanish hang Natives for not renouncing their faith, present day NM-- 40
2. 1655 -- Mar 20, Battle of Severn, Catholics attack Puritans, Horn Pt., Annapolis, MD³⁴²⁰-- 19
3. 1838 -- Haun’s Mill (Mormon) Massacre, Caldwell County, MO, October 30 -- 18
4. 1844 -- May 6-8, Riots, Protestant Nativists and Catholic Irish, Philadelphia, PA -- 14
5. 1844 -- July 6-8, Anti Irish-Catholic Nativist Riot/Military Response, Philly, PA --15-50
6. 1855--Aug 6, Vote day Know-Nothing anti-German/Irish/Catholic riot, Louisville, KY³⁴²¹-22
7. 1863 -- New York Draft Riots, July 11-17 -- 100
8. 1871 -- Boyne Day Parade and Religious “Orange Riot,” NYC, July 12 -- < 60
9. 2016 -- June 12 -- Shooting/Terrorism/Hate-Crime, Gay Nightclub, Orlando, FL³⁴²² --³⁴²³50

³⁴¹⁶ Cross-listed here and in Terrorism (due to radical Islamic terrorism communications). Posted here in that the shooter’s apparent hatred toward gays stems from religious teachings that gays are abominations.

³⁴¹⁷ Shooter shot and killed 49 people before being shot and killed by police – bringing total number of deaths to 50,

³⁴¹⁸ Cross-listed in the Violence subset Political, and in the Racial/Ethnic subset.

³⁴¹⁹ Cross-listed in Violence subset “Battles.”

³⁴²⁰ Cross-listed in Violence subset “Battles.”

³⁴²¹ Cross-listed in the Violence subset Political, and in the Racial/Ethnic subset.

³⁴²² Cross-listed here and in Terrorism (due to radical Islamic terrorism communications). Posted here in that the shooter’s apparent hatred toward gays stems from religious teachings that gays are abominations.

³⁴²³ Shooter shot and killed 49 people before being shot and killed by police – bringing total number of deaths to 50,

VIOLENCE – **SABOTAGE** Subset – **By Mortality**

1. 1939 -- Aug 12, Sabotage, Train Derails, South Pacific Railroad Carlin, NV³⁴²⁴ -- 24
2. 1905 -- June 21, Sabotage, Train Derails, Twentieth Century Limited, Mentor, OH³⁴²⁵ --19-21
3. 1884 -- Nov 13, Sabotage, Houston & TX Central Train derails, ~Hempstead, TX³⁴²⁶ -- 9-12
4. 1914 -- Sep 18, Sabotage, Train Derailment, Livingston, AL -- 10

Fewer Than Ten Deaths

- 1916 -- July 30, Sabotage, Black Tom Munitions Depot, NY Bay, Jersey City, NJ -- 7
1982 -- Sep 29, Sabotage/Poisoning deaths begin, Tylenol Tampering, Chicago, IL³⁴²⁷ -- 7

³⁴²⁴ Cross-listed in Rail.

³⁴²⁵ Cross-listed in Rail.

³⁴²⁶ Cross-listed in Rail.

³⁴²⁷ Cross-listed in Poisoning.

VIOLENCE – SCHOOL SHOOTINGS (and one Bombing) Subset – By Mortality

1.	1927 -- May 18, Dynamite Bombing, Bath Township Consolidated School, MI ³⁴²⁸	--	46
2.	2007 -- April 16, Virginia Tech Shootings, Blacksburg, VA ³⁴²⁹	--	32-33
3.	2012 -- Dec 14, Mass Shooting, Sandy Hook Elementary School, Newtown, CT ³⁴³⁰	--	27-28
4.	1966 -- Aug 01, Charles Whitman Killing Spree, Univ. TX-Austin Tower Sniper ³⁴³¹	--	16-17
5.	2018 -- Feb 14, School Shooting, Marjory Stoneman Douglas High Sch., Parkland FL	--	17
6.	1999 -- April 20, Columbine High School Shooting, Columbine, CO ³⁴³²	--	13-15
7.	2005 -- March 21, 16-year-old killing spree, Red Lake HS & vic., Red Lake, MN ³⁴³³	--	9-10
8.	2015 -- Oct 1, Mass shooting, Umpqua Community College, Roseburg, OR ³⁴³⁴	--	9-10
	1976 -- July 12, California State University Fullerton Library Shooting Rampage	--	7
	2012 -- April 2, School Shootings, Oikos University, Oakland, CA ³⁴³⁵	--	7
	2014 -- May 23, Mass Murder, Univ. of California at Santa Barbara, Isla Vista, CA ³⁴³⁶	--	6-7
	1989 -- Jan 17, School Shooting, Cleveland Elementary School, Stockton, CA ³⁴³⁷	--	5-6
	1991 -- Nov 1, Gang Lu Killing Spree, University of Iowa, Iowa City, IA ³⁴³⁸	--	5-6
	2006 -- Oct 2, West Nickel Mines School (Amish) Shooting, Lancaster County, PA ³⁴³⁹	--	5-6
	2008 -- Feb 14, Classroom Killings, Northern Illinois University, DeKalb, IL ³⁴⁴⁰	--	5-6
	1998 -- March 24, Westside Middle School Shootings, Jonesboro, AR ³⁴⁴¹	--	5

³⁴²⁸ Kehoe's bombs initially killed 37 elementary school children and 2 teachers. He murdered his wife. Detonated car bomb killing himself, school superintendent, village postmaster, postmaster's father-in-law. On August 22, 1927, student Beatrice Gibbs dies of injuries, and about one-year later 2nd grader Richard Fritz died of "lingering injuries." Cross-listed in Violence subset School Shootings/Bombings.

³⁴²⁹ Shooter killed 32 students and faculty; then committed suicide. Thus "33" includes the shooter.

³⁴³⁰ Shooter killed 27 – 20 children & 6 adults at the school, plus his mother at home. Then committed suicide (#28).

³⁴³¹ Whitman killed his wife and mother in Austin and then 14 people at the University, prior to his being killed.

³⁴³² Two seniors killed 12 students and 1 teacher before committing suicide; thus 13 victims and 15 total deaths.

³⁴³³ Killed were nine people -- shooter's grandfather and grandfather's girlfriend, a security guard at Red Lake High School, 5 high school students and one teacher, before 16-year-old high school student shooter committed suicide.

³⁴³⁴ The shooter, 26-year-old Chris Harper Mercer, killed nine people, wounded seven, and died in police shootout.

³⁴³⁵ Cross-listed in Rampage Shootings

³⁴³⁶ Six students were shot or stabbed to death before the killer shot himself in the head.

³⁴³⁷ Five children, ages 6-9, were killed before gunman killed himself. The question for some is does one count the murderer as a victim of this tragedy as well? The one person range in the sources reflect this question, with the exception of a source which incorrectly notes the death of one teacher (one teacher was injured.)

³⁴³⁸ Four University of Iowa faculty and one student killed before gunman commits suicide.

³⁴³⁹ Ten girls aged 6-13 shot, five of whom died, before killer committed suicide in the schoolhouse.

³⁴⁴⁰ Five student victims and the gunman suicide.

³⁴⁴¹ The two Westside School students killed four fellow students and one teacher, wounding 10 others.

VIOLENCE – SCHOOL SHOOTINGS (and one Bombing) Subset – Chronological

1. 1927 -- May 18, Dynamite Bombing, Bath Township Consolidated School, MI³⁴⁴² -- 46
2. 1966 -- Aug 1, Charles Whitman Killing Spree, Univ. TX-Austin Tower Sniper³⁴⁴³ --16-17
- 1976 -- July 12, California State University Fullerton Library Shooting Rampage -- 7
- 1989 -- Jan 17, School Shooting, Cleveland Elementary School, Stockton, CA³⁴⁴⁴ -- 5-6
- 1991 -- Nov 01, Gang Lu School Killing Spree, University of Iowa, Iowa City, IA³⁴⁴⁵ -- 5-6
- 1998 -- March 24, Westside Middle School Shootings, Jonesboro, AR³⁴⁴⁶ -- 5
3. 1999 -- April 20, Columbine High School Shooting, Columbine, CO³⁴⁴⁷ --13-15
4. 2005 -- Mar 21, 16-year-old killing spree, Red Lake HS & vic., Red Lake, MN³⁴⁴⁸ -- 9-10
- 2006 -- Oct 2, West Nickel Mines School (Amish) Shooting, Lancaster County, PA³⁴⁴⁹ -- 5-6
5. 2007 -- Apr 16, Virginia Tech Shootings, Blacksburg, VA³⁴⁵⁰ --32-33
- 2008 -- Feb 14, Classroom Killings, Northern Illinois University, DeKalb, IL³⁴⁵¹ -- 5-6
- 2012 -- Apr 02, School Shootings, Oikos University, Oakland, CA³⁴⁵² -- 7
6. 2012 -- Dec 14, Mass Shooting, Sandy Hook Elementary School, Newtown, CT³⁴⁵³ --27-28
- 2014 -- May 23, Mass Murder, Univ. of California at Santa Barbara, Isla Vista, CA³⁴⁵⁴ -- 6-7
7. 2015 -- Oct 1, Mass shooting, Umpqua Community College, Roseburg, OR³⁴⁵⁵ -- 9-10
8. 2018 -- Feb 14, School Shooting, Marjory Stoneman Douglas High Sch., Parkland, FL-- 17

³⁴⁴² Kehoe's bombs initially killed 37 elementary school children and 2 teachers. He murdered his wife. Detonated car bomb killing himself, school superintendent, village postmaster, postmaster's father-in-law. On August 22, 1927, student Beatrice Gibbs dies of injuries, and about one-year later 2nd grader Richard Fritz died of "lingering injuries." Cross-listed in Violence subset School Shootings/Bombings.

³⁴⁴³ Whitman killed his wife and mother in Austin and then 14 people at the University, prior to his being killed.

³⁴⁴⁴ Five children, ages 6-9, before gunman killed himself. The question for some is does one count the murderer as a victim of this tragedy as well? The one person range in the sources reflect this question, with the exception of a source which incorrectly notes the death of one teacher (one teacher was injured.)

³⁴⁴⁵ Four University of Iowa faculty and one student killed before gunman commits suicide.

³⁴⁴⁶ The two Westside School students killed four fellow students and one teacher, wounding 10 others.

³⁴⁴⁷ Two seniors killed 12 students and 1 teacher before committing suicide; thus 13 victims and 15 total deaths.

³⁴⁴⁸ Killed were nine people -- shooter's grandfather and grandfather's girlfriend, a security guard at Red Lake High School, 5 high school students and one teacher, before 16-year-old high school student shooter committed suicide.

³⁴⁴⁹ Ten girls aged 6-13 shot, five of whom died, before killer committed suicide in the schoolhouse.

³⁴⁵⁰ Shooter killed 32 students and faculty; then committed suicide. Thus "33" includes the shooter.

³⁴⁵¹ Five student victims and the gunman suicide.

³⁴⁵² Cross-listed in Rampage Shootings.

³⁴⁵³ Shooter killed 27 – 20 children & 6 adults at the school, plus his mother at home. Then committed suicide (#28).

³⁴⁵⁴ Six students were shot or stabbed to death before the killer shot himself in the head.

³⁴⁵⁵ The shooter, 26-year-old Chris Harper Mercer, killed nine people, wounded seven, and died in police shootout.

VIOLENCE – Shootings/Gun Violence Subset³⁴⁵⁶ – By Mortality

1. 2017 -- Oct 1, Shooting, hotel 32nd floor, Country Music Show, Las Vegas, NV³⁴⁵⁷ --58-59
2. 2016 -- June 12 -- Shooting/Terrorism/Hate-Crime, Gay Nightclub, Orlando, FL³⁴⁵⁸ --³⁴⁵⁹50
3. 2007 -- Apr 16, Virginia Tech Shootings, Blacksburg, VA³⁴⁶⁰ --32-33
4. 2012 -- Dec 14, Mass Shooting, Sandy Hook Elementary School, Newtown, CT³⁴⁶¹ --27-28
5. 1991 -- Oct 16, George Hennard Shootings, Luby's Restaurant, Killeen, TX³⁴⁶² --23-24
6. 1984 -- July 18, Mass Shooting, James Oliver Huberty, McDonald's, San Ysidro, CA -- 21
7. 1966 -- Aug 01, Charles Whitman Killing Spree, Univ. TX-Austin Tower Sniper³⁴⁶³ --16-17
8. 1987 -- Dec 22, 26, 28, R. Gene Simmons Killing Spree, Dover & Russellville, AR -- 16
9. 1999 -- April 20, Columbine High School Shooting, Columbine, CO³⁴⁶⁴ --13-15
10. 1986 -- Aug 20, Postal worker Pat Sherrill Mass Shooting, Post Office, Edmond, OK³⁴⁶⁵ -- 14
11. 2009 -- April 3, Mass Killings, Immigration Services Center, Binghamton, NY³⁴⁶⁶ --13-14
12. 2015 -- Dec 2, Terrorism, Muslim couple attack, Inland Regional Ctr., San Bernardino, CA³⁴⁶⁷ -- 14

13. 1949 -- Sep 06, Howard Barton Unruh Rampage Mass Shooting, Camden, NJ³⁴⁶⁸ -- 13
14. 1982 -- Sep 25, George Banks family shooting spree, Jenkins Twp./Wilkes-Barre, PA -- 13
15. 1983 -- Feb 19, Fatal shootings (13 of 14), Wah Mee Club, Seattle "Chinatown", WA -- 13
16. 2009 -- Nov 05, Mass Shooting, Army Major Nidal Malik Hasan, Fort Hood, TX³⁴⁶⁹ -- 13
17. 2013 -- Sep 16, Navy Yard Mass Shooting, Washington, DC³⁴⁷⁰ -- 13
18. 1913 -- Sep 28, Rampage Shooting Spree, brothers on cocaine, Lynching, Harriston, MS--11-12
19. 1990 -- June 17-18, Violence/Shootings, esp. GMAC (18th), Jacksonville, FL³⁴⁷¹ --11-12
20. 2012 -- July 20, James Holmes Mass Shooting, Century 16 Theater, Aurora, CO -- 12
21. 1975 -- Mar 30, Violence, Rampage Shooting, James Ruppert kills relatives, Hamilton, OH-- 11
22. 1984 -- Apr 15, Mass Shooting, Christopher Thomas "Palm Sunday Massacre," NY, NY-- 10
23. 1999 -- Jul 27-29, Mark Barton Mass Murder Shooting(9)/Killing Spree (12), Atlanta³⁴⁷²9-10

³⁴⁵⁶ Sub-type meant to capture essentially lone-gunman (with exceptions such as Columbine in 1999 and the couple in San Bernardino 2015). Some of these entries will be cross-listed in Violence-School Shootings, and in Violence-Terrorism. We do not include shooting deaths that occurred in such Violence sub-types as Labor-, Racial-, and Religious-Riots violence. See, also, Mass Murder.

³⁴⁵⁷ Fifty-nine fatalities including shooter who committed suicide after killing fifty-eight people; wounded hundreds.

³⁴⁵⁸ Cross-listed here, in Religious (religion based anti-gay hatred) and in Terrorism.

³⁴⁵⁹ Shooter shot and killed 49 people before being shot and killed by police – bringing total number of deaths to 50,

³⁴⁶⁰ Shooter killed 32 students and faculty; then committed suicide. Cross-listed in School Shootings.

³⁴⁶¹ Shooter killed 27 – 20 children and 6 adults at school, plus his mother at home. Then committed suicide (#28).

Cross-listed in Violence subset School Shootings.

³⁴⁶² Twenty-three killed by Hennard, who then killed himself.

³⁴⁶³ Whitman killed his wife and mother in Austin and then 14 people at the University, prior to his being killed.

Cross-listed in Violence subset School Shootings.

³⁴⁶⁴ Two seniors killed 12 students and 1 teacher before committing suicide; thus 13 victims and 15 total deaths.

³⁴⁶⁵ Sherrill committed suicide by shooting himself before he could be arrested, bringing total death toll to 15. Cross-listed in Violence-Mass Murder.

³⁴⁶⁶ Shooter shoots and kills thirteen people and then shoots himself fatally.

³⁴⁶⁷ Cross-listed in Violence subset Terrorism.

³⁴⁶⁸ Cross-listed in Violence subset Mass Murder.

³⁴⁶⁹ Cross-listed in Terrorism.

³⁴⁷⁰ Gunman with mental health issues killed twelve Navy Yard workers before being killed by police.

³⁴⁷¹ James Edward Pough shot and killed two people on the 17th. The next day he killed six at the GM scene, then himself. Three died later. Thus nine died as result of June 18 attack. In all there were 11 murders and one suicide.

VIOLENCE – Shootings/Gun Violence Subset – By Mortality

24. 2005 -- Mar 21, 16-year-old killing spree, Red Lake HS & vic., Red Lake, MN --³⁴⁷³9-10
 25. 2009 -- Mar 10, Mass Murder, McLendon Shooting Spree, Geneva County, AL -- 10

Other:

- 1945 -- July 08, U.S. Army guard machine-guns sleeping German POWs, Salina, UT -- 9
 1982 -- Aug 20, Rampage shooting (8), mentally disturbed man (killed), Miami, FL³⁴⁷⁴ -- 9
 1989 -- Sep 14, Assault Rifle Workplace Mass Murder (8)/Suicide, Louisville, KY -- 9
 2010 -- Aug 3, Workplace shootings, worker kills 8 coworkers/self, Manchester, CT -- 9
 2015 -- May 17, Violence, Biker-Gangs/Police Shoot-Out at Twin Peaks restaurant, Waco, TX -- 9
- 1971 -- June 14, “Dope Den” “Execution Style” Mass Murder, Detroit, MI -- 8
 1987 -- July 11-12, Man shoots wife, two children, his parents, in-laws, Federal Way, WA-- 8
 1987 -- Dec 22, 26, 28, R. Gene Simmons Killing Spree, Dover & Russellville, AR³⁴⁷⁵ -- 8
- 1915 -- Mar 06, Monroe Phillips Shooting Rampage (kills 6, is shot) Brunswick, GA -- 7
 1929 -- Feb 14, St. Valentine’s Day Massacre, Capone gang vs. Moran gang, Chicago, IL -- 7
 1976 -- July 12, California State University Fullerton Library Shooting Rampage, CA -- 7
 1999 -- Nov 02, Workplace Mass Murder Shootings, Xerox, Honolulu, HI -- 7
 2014 -- May 23, Mass Murder, Univ. of California at Santa Barbara, Isla Vista, CA³⁴⁷⁶ -- 7
 2006 -- Mar 26, Mass-shooting, rave afterparty, Capitol Hill community, Seattle, WA³⁴⁷⁷ -- 7
 2008 -- Feb 15, Classroom Killings/Suicide, Northern IL University, DeKalb, IL -- 7
 2012 -- Apr 02, School Shootings, Oikos University, Oakland, CA -- 7
- 1982 -- July 02, Wife, children, mother-in-law shot (5), suicide, Thompson Falls, MT -- 6
 1991 -- Nov 01, Gang Lu Killing Spree, University of Iowa, Iowa City, IA³⁴⁷⁸ -- 5-6
 1996 -- Feb 9, Fired city worker shoots five former coworkers, self, Fort Lauderdale, FL³⁴⁷⁹ --5-6
 2006 -- Oct 2, West Nickel Mines School (Amish) Shooting, Lancaster County, PA³⁴⁸⁰ -- 6
 2016 -- Feb 20, Violence, Uber driver random mass shootings, Kalamazoo, MI -- 6
- 1856 -- May 24/25, John Brown men kill pro-slavery men ~Pottawatomie Creek, Franklin Co., KS- 5
 1858 -- May 19, Marias des Cygnes Massacre, pro-slavery force raid, Trading Post, KS -- 5
 1933 -- June 17, Shooting murder of four law officers plus prisoner, Kansas City, MO -- 5

³⁴⁷² Barton shot nine people before shooting himself (thus the 10th gunshot fatality). Before these shootings he killed his wife and two children by hammer blows to the head in their sleep.

³⁴⁷³ Killed were nine people -- shooter’s grandfather and grandfather’s girlfriend, a security guard at Red Lake High School, 5 high school students and one teacher, before 16-year-old high school student shooter committed suicide.

³⁴⁷⁴ Cross-listed in Violence subset of Mass Murder.

³⁴⁷⁵ Cross-listed in Violence-Mass Murder. Simmons drowned one and strangled seven others, for a total of 16.

³⁴⁷⁶ Six students shot or stabbed to death before the killer shot himself in the head. Cross-listed in School Shootings.

³⁴⁷⁷ The shooter murdered six people aged 14, 15, 21, 22, 26 and 32. Committed suicide when police arrived.

³⁴⁷⁸ Four University of Iowa faculty and one student killed before gunman commits suicide.

³⁴⁷⁹ Gunman shot and killed five former co-workers and then turned gun on himself, committing suicide -- 6th death.

³⁴⁸⁰ Ten girls aged 6-13 shot, five of whom died, before killer committed suicide in the schoolhouse.

VIOLENCE – Shootings/Gun Violence Subset³⁴⁸¹ – Chronological

- 1856 -- May 24/25, John Brown men kill pro-slavery men ~Pottawatomie Creek, Franklin Co., KS-5
 1858 -- May 19, Marias des Cygnes Massacre, pro-slavery force raid, Trading Post, KS-- 5
1. 1913 -- Sep 28, Mass Murder Shooting Spree, Lynching, Harriston, MS --11-12
 1915 -- March 6, Monroe Phillips Shooting Rampage (kills 6, is shot) Brunswick, GA-- 7
 1929 -- Feb 14, St. Valentine’s Day Massacre, Capone gang vs. Moran gang, Chicago, IL-- 7
 1933 -- June 17, Shooting murder of four law officers plus prisoner, Kansas City, MO-- 5
 1945 -- July 08, U.S. Army guard machine-guns sleeping German POWs, Salina, UT -- 9
 2. 1949 -- Sep 06, Howard Barton Unruh Rampage Mass Shooting, Camden, NJ -- 13
 3. 1966 -- Aug 01, Charles Whitman Killing Spree, Univ. TX-Austin Tower Sniper --³⁴⁸²16-17
 1971 -- June 14, “Dope Den” “Execution Style” Mass Murder, Detroit, MI -- 8
 4. 1975 -- Mar 30, Violence, Rampage Shooting, James Ruppert kills relatives, Hamilton, OH-- 11
 1976 -- July 12, California State University Fullerton Library Shooting Rampage -- 7
 1982 -- July 02, Wife, children, mother-in-law shot (5), suicide, Thompson Falls, MT -- 6
 1982 -- Aug 20, Rampage shooting (8), mentally disturbed man (killed), Miami, FL -- 9
 5. 1982 -- Sep 25, George Banks family shooting spree, Jenkins Twp./Wilkes-Barre, PA -- 13
 6. 1983 -- Feb 19, Fatal shootings (13 of 14), Wah Mee Club, Seattle “Chinatown”, WA -- 13
 7. 1984 -- Apr 15, Mass Shooting, Christopher Thomas “Palm Sunday Massacre,” NY, NY-- 10
 8. 1984 -- July 18, Mass Shooting, James Oliver Huberty, McDonald’s, San Ysidro, CA -- 21
 9. 1986 -- Aug 20, Postal worker Pat Sherrill Mass Shooting, Post Office, Edmond, OK³⁴⁸³ -- 14
 1987 -- July 11-12, Man shoots wife, two children, parents, in-laws, Federal Way, WA-- 8
 1987 -- Dec 22, 26, 28, R. Gene Simmons Killing Spree, Dover & Russellville, AR -- 8
 1989 -- Sep 14, Assault Rifle Workplace Mass Murder (8)/Suicide, Louisville, KY -- 9
 10. 1990 -- June 17-18, Violence/Shootings, esp. GMAC (18th), Jacksonville, FL³⁴⁸⁴ --11-12
 11. 1991 -- Oct 16, George Hennard Shootings, Luby’s Restaurant, Killeen, TX³⁴⁸⁵ --23-24
 1991 -- Nov 01, Gang Lu Killing Spree, University of Iowa, Iowa City, IA³⁴⁸⁶ -- 5-6
 1996 -- Feb 9, Fired city worker shoots five former coworkers, self, Fort Lauderdale, FL³⁴⁸⁷-- 5-6

³⁴⁸¹ Sub-type meant to capture essentially lone-gunman (with exceptions such as Columbine in 1999 and the couple in San Bernardino 2015). Some of these entries will be cross-listed in Violence-School Shootings, and in Violence-Terrorism. We do not include shooting deaths that occurred in such Violence sub-types as Labor-, Racial-, and Religious-Riots violence.

³⁴⁸² Whitman killed his wife and mother in Austin and then 14 people at the University, prior to his being killed. Cross-listed in Violence-Mass Murder.

³⁴⁸³ Sherrill committed suicide by shooting himself before he could be arrested, bringing total death toll to 15.

³⁴⁸⁴ James Edward Pough shot and killed two people on the 17th. The next day he killed six at the GM scene, then himself. Three died later. Thus nine died as result of June 18 attack. In all there were 11 murders and one suicide.

³⁴⁸⁵ Twenty-three killed by Hennard, who then killed himself.

³⁴⁸⁶ Four University of Iowa faculty and one student killed before gunman commits suicide, for the 6th final death.

12. 1999 -- April 20, Columbine High School Shooting, Columbine, CO³⁴⁸⁸ --13-15
 13. 1999 -- Jul 27-29, Mark Barton Mass Murder Shooting(9)/Killing Spree (12), Atlanta³⁴⁸⁹9-10
 1999 -- Nov 02, Workplace Mass Murder Shootings, Xerox, Honolulu, HI -- 7

VIOLENCE – Shootings/Gun Violence Subset – By Mortality (Cont.)

14. 2005 -- Mar 21, 16-year-old killing spree, Red Lake HS & vic., Red Lake, MN³⁴⁹⁰ --9-10
 2006 -- Mar 26, Mass-shooting, rave afterparty, Capitol Hill community, Seattle, WA³⁴⁹¹-- 7
 2006 -- Oct 2, West Nickel Mines School (Amish) Shooting, Lancaster County, PA³⁴⁹²-- 6
 15. 2007 -- Apr 16, Virginia Tech Shootings, Blacksburg, VA³⁴⁹³ --32-33
 2008 -- Feb 15, Classroom Killings/Suicide, Northern IL University, DeKalb, IL -- 7
 16. 2009 -- Mar 10, Mass Murder, McLendon Shooting Spree, Geneva County, AL -- 10
 17. 2009 -- April 3, Mass Killings, Immigration Services Center, Binghamton, NY³⁴⁹⁴ --13-14
 18. 2009 -- Nov 05, Mass Shooting, Army Major Nidal Malik Hasan, Fort Hood, TX³⁴⁹⁵ -- 13

 2010 -- Aug 3, Workplace shootings, worker kills 8 coworkers/self, Manchester, CT -- 9
 2012 -- Apr 02, School Shootings, Oikos University, Oakland, CA³⁴⁹⁶ -- 7
 19. 2012 -- July 20, James Holmes Mass Shooting, Century 16 Theater, Aurora, CO -- 12
 20. 2012 -- Dec 14, Mass Shooting, Sandy Hook Elementary School, Newtown, CT³⁴⁹⁷ --27-28
 21. 2013 -- Sep 16, Navy Yard Mass Shooting, Washington, DC³⁴⁹⁸ -- 13
 2014 -- May 23, Mass Murder, Univ. of California at Santa Barbara, Isla Vista, CA³⁴⁹⁹-- 7
 2015 -- May 17, Violence, Biker-Gangs/Police Shoot-Out, Twin Peaks restaurant, Waco, TX-- 9
 22. 2015 -- Dec 2, Terrorism, Muslim couple attack, Inland Regional Ctr., San Bernardino, CA³⁵⁰⁰-- 14
 2016 -- Feb 20, Violence, Uber driver random mass shootings, Kalamazoo, MI -- 6
 23. 2016 -- June 12 -- Shooting/Terrorism/Hate-Crime, Gay Nightclub, Orlando, FL³⁵⁰¹ --³⁵⁰²50
 24. 2017 -- Oct 1, Shooting, hotel 32nd floor, Country Music Show, Las Vegas, NV³⁵⁰³ --58-59

³⁴⁸⁷ Gunman shot and killed five former co-workers and then turned gun on himself, committing suicide -- 6th death.

³⁴⁸⁸ Two seniors killed 12 students and 1 teacher before committing suicide; thus 13 victims and 15 total deaths.

³⁴⁸⁹ Barton shot nine people before shooting himself (thus the 10th gunshot fatality). Before these shootings he killed his wife and two children by hammer blows to the head in their sleep.

³⁴⁹⁰ Killed were nine people -- shooter's grandfather and grandfather's girlfriend, a security guard at Red Lake High School, 5 high school students and one teacher, before 16-year-old high school student shooter committed suicide.

³⁴⁹¹ The shooter murdered six people aged 14, 15, 21, 22, 26 and 32. Committed suicide when police arrived.

³⁴⁹² Ten girls aged 6-13 shot, five of whom died, before killer committed suicide in the schoolhouse.

³⁴⁹³ Shooter killed 32 students and faculty; then committed suicide. Thus "33" includes the shooter.

³⁴⁹⁴ Shooter shoots and kills thirteen people and then shoots himself fatally.

³⁴⁹⁵ Cross-listed in Terrorism.

³⁴⁹⁶ Cross-listed in School Shootings/Bombing.

³⁴⁹⁷ Shooter killed 27 – 20 children and 6 adults at the school, plus his mother at home. Committed suicide (#28).

³⁴⁹⁸ Gunman with mental health issues killed twelve Navy Yard workers before being killed by police.

³⁴⁹⁹ Six students shot or stabbed to death before the killer shot himself in the head. Cross-listed in School Shootings.

³⁵⁰⁰ Cross-listed in Violence subset Terrorism.

³⁵⁰¹ Cross-listed here, in Religious (religion based anti-gay hatred) and in Terrorism.

³⁵⁰² Shooter shot and killed 49 people before being shot and killed by police – bringing total number of deaths to 50,

³⁵⁰³ Fifty-nine fatalities including shooter who committed suicide after killing fifty-eight people; wounded hundreds.

VIOLENCE – SHOOTOUT

1. 1993 -- Feb 28, Shootout, Large ATF force attempts to serve David Koresh, Waco, TX³⁵⁰⁴-- 10

³⁵⁰⁴ See April 19, 1993 for FBI/ATF attack, wherein 75 Davidians (including 25 children) died.

VIOLENCE -- TERRORISM (domestic and foreign) Subset -- By MORTALITY

1. 2001 -- Sep 11, 9/11 Terrorist Attacks, WTC (NYC), Pentagon, Shanksville, PA ---3,064
 2001 -- Sep 11, World Trade Center, American 11 and United 175, NY³⁵⁰⁵ --2,830
 2001 -- Sep 11, American Airlines hits Pentagon, Arlington VA³⁵⁰⁶ -- 189
 2001 -- Sep 11, United Airlines N591UA Crash Shanksville, PA³⁵⁰⁷ -- 45
2. 1988 -- Dec 21, Pan Am Flight 103 Blown-Up over Lockerbie, Scotland³⁵⁰⁸ --(189 U.S.) 270
3. 1983 -- Oct 23, Terrorism, Marine Corps Barracks truck bomb, Beirut, Lebanon -- 241
4. 1995 -- Apr 19, Bombing, Alfred P. Murrah Federal Building, Oklahoma City, OK³⁵⁰⁹ -- 168
5. 1983 -- Apr 18, Terrorism, US Embassy suicide bombing, Beirut, Lebanon 17 US of 63
6. 2016 -- June 12 -- Shooting/Terrorism/Hate-Crime, Gay Nightclub, Orlando, FL³⁵¹⁰ --³⁵¹¹50
7. 1920 -- Sep 16, Anarchist Bombing Mass Murder, Wall St. Terrorist Attack, NY³⁵¹² --30-38
8. 1885 -- Sep 2, Massacre, Racial/Union Violence, Chinese Miners, Rock Springs WY³⁵¹³ -- 28
9. 2000 -- Oct 12, Suicide Terrorism, USS *Cole* Bombed, Port of Aden, Yemen³⁵¹⁴ -- 17
10. 2015 -- Dec 2, Terrorism, Muslim couple attack, Inland Regional Ctr., San Bernardino, CA³⁵¹⁵ -- 14
11. 2009 -- Nov 05, Mass Shooting, Army Major Nidal Malik Hasan, Fort Hood, TX³⁵¹⁶ -- 13
12. 1917 -- Nov 24, Bomb Explosion, Central Police Station, Milwaukee, WI³⁵¹⁷ -- 10
13. 2002 -- Oct 2-24, DC Beltway Sniper Killings -- 10

Other:

1. 2017 -- Oct 31, Islamic Terrorist drives down bikers/pedestrians, Manhattan NYC, NY-- 8
2. 1993 -- Feb 26, World Trade Center Terrorism Bombing, NY, NY³⁵¹⁸ -- 6
3. 2001 -- Sep 18-Nov 21, Terrorism, Anthrax Letters, DC FL GA MD NJ NY VA -- 5
4. 1918 -- Sep 04, Bomb Explosion, Federal Building, Chicago, IL³⁵¹⁹ -- 4
5. 1975 -- Jan 24, Fraunces Tavern FALN Terrorist Bomb, NYC, -- 4
6. 2013 -- Apr 15, Terrorism, Boston Marathon Bombs, MIT officer killed Apr 19, MA -- 4
7. 1974 -- Aug 06, Bombing, LA Int. Airport, near Pan AM Overseas Check-in, CA -- 3
8. 1978-1995 -- Unabomber Mail Bombings & Terrorism -- 3
9. 1950 -- Nov 1, Puerto Rican Nationalists try to assassinate President Truman, Blair House, DC-- 2
10. 1993 -- Jan 25, CIA HQ Shootings, Aimal Kasi, Route 123, Langley, VA -- 2
11. 1997 -- Feb 23, Middle East Terrorism, Shooting, Empire State Building, NYC, NY -- 1
12. 1998 -- Jan 29, Abortion Clinic Bombing, (Eric Rudolph), Birmingham, AL -- 1
13. 1954 -- Mar 1, Puerto Rican Nationalists shoot 5, floor of US House of Representatives-- 0

³⁵⁰⁵ Cross-listed in Aviation.

³⁵⁰⁶ Cross-listed in Aviation.

³⁵⁰⁷ Cross-listed in Aviation.

³⁵⁰⁸ Sub-listed in Terrorism and cross-listed in Aviation.

³⁵⁰⁹ Cross-listed in Violence – Bombings, and in Violence-Mass Murder.

³⁵¹⁰ Cross-listed here, in Shootings, and in Religious (religion based anti-gay hatred).

³⁵¹¹ Shooter shot and killed 49 people before being shot and killed by police – bringing total number of deaths to 50,

³⁵¹² Cross-listed in Violence-Bombing, and in Violence-Mass Murder.

³⁵¹³ Cross-listed in Violence-Labor, Violence-Massacres, and Violence-Terrorism.

³⁵¹⁴ Cross-listed in Violence-Bombings.

³⁵¹⁵ Cross-listed in Violence-Mass Murder.

³⁵¹⁶ Cross-listed in Violence-Rampage Shootings.

³⁵¹⁷ Cross-listed in Violence-Bombings.

³⁵¹⁸ Cross-listed in Violence-Bombings.

³⁵¹⁹ Cross-listed in Violence-Bombings.

VIOLENCE -- TERRORISM (domestic and foreign) Subset -- CHRONOLOGICAL

1. 1885 -- Sep 2, Massacre, Racial/Union Violence, Chinese Miners, Rock Springs WY³⁵²⁰-- 28
2. 1917 -- Nov 24, Bomb Explosion, Central Police Station, Milwaukee, WI -- 10
1918 -- Sep 04, Bomb Explosion Federal Building, Chicago, IL -- 4
3. 1920 -- Sep 16, Anarchist Bombing Mass Murder, Wall St. Terrorist Attack, NY³⁵²¹ --30-38

1950 -- Nov 1, Puerto Rican Nationalists try to assassinate President Truman, Blair House, DC-- 2
1954 -- Mar 1, Puerto Rican Nationalists shoot 5, floor of US House of Representatives-- 0
1974 -- Aug 06, Bombing, LA Int. Airport, near Pan AM Overseas Check-in, CA -- 3
1975 -- Jan 24, Fraunces Tavern FALN Terrorist Bomb, NYC, -- 4
1978-1995 -- Unabomber Mail Bombings & Terrorism -- 3
4. 1983 -- Apr 18, Terrorism, US Embassy suicide bombing, Beirut, Lebanon --17 US of 63
5. 1983 -- Oct 23, Terrorism, Marine Corps Barracks truck bomb, Beirut, Lebanon -- 241
6. 1988 -- Dec 21, Pan Am Flight 103 Blown-Up over Lockerbie, Scotland--³⁵²² (189 U.S.) 270

1993 -- Jan 25, CIA HQ Shootings, Aimal Kasi, Route 123, Langley, VA -- 2
1993 -- Feb 26, World Trade Center Terrorism Bombing, NY, NY -- 6
7. 1995 -- Apr 19, Bombing, Alfred P. Murrah Federal Building, Oklahoma City, OK³⁵²³-- 168
1997 -- Feb 23, Middle East Terrorism, Shooting, Empire State Building, NYC, NY -- 1
1998 -- Jan 29, Abortion Clinic Bombing, (Eric Rudolph), Birmingham, AL -- 1
8. 2000 -- Oct 12, Suicide Terrorism, USS *Cole* Bombed, Port of Aden, Yemen -- 17
9. 2001 -- Sep 11, 9/11 Terrorist Attacks, WTC (NYC), Pentagon, Shanksville, PA ---~3,069
2001 -- Sep 11, World Trade Center, American 11 and United 175, NY³⁵²⁴ --2,830
2001 -- Sep 11, American Airlines hits Pentagon, Arlington VA³⁵²⁵ -- 189
2001 -- Sep 11, United Airlines N591UA Crash Shanksville, PA³⁵²⁶ -- 45
2001 -- Sep 18-October 15 Anthrax Letters Terrorist Attack -- 5
10. 2002 -- Oct 2-24, DC Beltway Sniper Killings -- 10
11. 2009 -- Nov 05, Mass Shooting, Army Major Nidal Malik Hasan, Fort Hood, TX³⁵²⁷ -- 13

2013 -- Apr 15, Terrorism, Boston Marathon Bombs, MIT officer killed Apr 19, MA -- 4
12. 2015 -- Dec 2, Terrorism, Muslim couple attack, Inland Regional Ctr., San Bernardino, CA³⁵²⁸ -- 14
13. 2016 -- June 12 -- Shooting/Terrorism/Hate-Crime, Gay Nightclub, Orlando, FL³⁵²⁹ --³⁵³⁰50

³⁵²⁰ Cross-listed in Violence-Labor, Violence-Massacres, and Violence-Terrorism.

³⁵²¹ Cross-listed in Violence-Bombing, and in Violence-Mass Murder.

³⁵²² Sub-listed in Terrorism and cross-listed in Aviation.

³⁵²³ Cross-listed in Violence – Bombings, and in Violence-Mass Murder.

³⁵²⁴ Cross-listed in Aviation.

³⁵²⁵ Cross-listed in Aviation.

³⁵²⁶ Cross-listed in Aviation.

³⁵²⁷ Cross-listed in Violence-Rampage Shootings.

³⁵²⁸ Cross-listed in Violence-Mass Murder.

³⁵²⁹ Cross-listed here, in Shootings, and in Religious (religion based anti-gay hatred).

2017 -- Oct 31, Islamic Terrorist drives down bikers/pedestrians, Manhattan NYC, NY-- 8

TERRORISM (Internationally conducted or inspired) -- By Mortality

1. 2001 -- Sep 11, 9/11 Terrorist Attacks, WTC (NYC), Pentagon, Shanksville, PA ---~3,069
2001 -- Sep 11, World Trade Center, American 11 and United 175, NY³⁵³¹ --2,830
2001 -- Sep 11, American Airlines hits Pentagon, Arlington VA³⁵³² -- 189
2001 -- Sep 11, United Airlines N591UA Crash Shanksville, PA³⁵³³ -- 45
2. 1988 -- Dec 21, Pan Am Flight 103 Blown-Up over Lockerbie, Scotland--³⁵³⁴ (189 U.S.) 270
3. 1984 -- June 7, Terrorism, Marine Barracks Attacked, Lebanon -- 253
4. 1983 -- Apr 18, Terrorism, US Embassy suicide bombing, Beirut, Lebanon --17 US of 63
5. 2000 -- Oct 12, Suicide Terrorism, USS *Cole* Bombed, Port of Aden, Yemen³⁵³⁵ -- 17
6. 2015 -- Dec 2, Terrorism, Muslim couple attack, Inland Regional Ctr., San Bernardino, CA³⁵³⁶-- 14
7. 2009 -- Nov 05, Mass Shooting, Army Major Nidal Malik Hasan, Fort Hood, TX³⁵³⁷ -- 13

8. 2017 -- Oct 31, Islamic Terrorist drives down bikers/pedestrians, Manhattan NYC, NY-- 8
9. 1993 -- Feb 26, World Trade Center Terrorism Bombing, NY, NY³⁵³⁸ -- 6
10. 1918 -- Sep 04, Bomb Explosion, Federal Building, Chicago, IL³⁵³⁹ -- 4
11. 1975 -- Jan 24, Fraunces Tavern FALN Terrorist Bomb, NYC, -- 4
12. 2013 -- Apr 15, Terrorism, Boston Marathon Bombs, MIT officer killed Apr 19, MA -- 4
13. 1974 -- Aug 6, Bombing, LA Int. Airport, near Pan AM Overseas Check-in, CA -- 3
14. 1950 -- Nov 1, Puerto Rican Nationalists try to assassinate President Truman, Blair House, DC-- 2
15. 1993 -- Jan 25, CIA HQ Shootings, Aimal Kasi, Route 123, Langley, VA -- 2
16. 1997 -- Feb 23, Middle East Terrorism, Shooting, Empire State Building, NYC, NY -- 1

³⁵³⁰ Shooter shot and killed 49 people before being shot and killed by police – bringing total number of deaths to 50,

³⁵³¹ Cross-listed in Aviation.

³⁵³² Cross-listed in Aviation.

³⁵³³ Cross-listed in Aviation.

³⁵³⁴ Sub-listed in Terrorism and cross-listed in Aviation.

³⁵³⁵ Cross-listed in Violence-Bombings.

³⁵³⁶ Cross-listed in Violence-Mass Murder.

³⁵³⁷ Cross-listed in Violence-Rampage Shootings.

³⁵³⁸ Cross-listed in Violence-Bombings.

³⁵³⁹ Cross-listed in Violence-Bombings.

TERRORISM (Internationally conducted or inspired) -- Chronological

- 1950 -- Nov 1, Puerto Rican Nationalists try to assassinate President Truman, Blair House, DC-- 2
 1974 -- Aug 6, Bombing, LA Int. Airport, near Pan AM Overseas Check-in, CA -- 3
 1. 1975 -- Jan 24, Fraunces Tavern FALN Terrorist Bomb, NYC, -- 4

 2. 1983 -- Apr 18, Terrorism, US Embassy suicide bombing, Beirut, Lebanon --17 US of 63
 3. 1984 -- June 7, Terrorism, Marine Barracks Attacked, Lebanon -- 253
 4. 1988 -- Dec 21, Pan Am Flight 103 Blown-Up over Lockerbie, Scotland--³⁵⁴⁰ (189 U.S.) 270

 1993 -- Jan 25, CIA HQ Shootings, Aimal Kasi, Route 123, Langley, VA -- 2
 1993 -- Feb 26, World Trade Center Terrorism Bombing, NY, NY³⁵⁴¹ -- 6
 1997 -- Feb 23, Middle East Terrorism, Shooting, Empire State Building, NYC, NY -- 1

 5. 2000 -- Oct 12, Suicide Terrorism, USS *Cole* Bombed, Port of Aden, Yemen³⁵⁴² -- 17
 6. 2001 -- Sep 11, 9/11 Terrorist Attacks, WTC (NYC), Pentagon, Shanksville, PA --~3,069
 2001 -- Sep 11, World Trade Center, American 11 and United 175, NY³⁵⁴³ --2,830
 2001 -- Sep 11, American Airlines hits Pentagon, Arlington VA³⁵⁴⁴ -- 189
 2001 -- Sep 11, United Airlines N591UA Crash Shanksville, PA³⁵⁴⁵ -- 45
 7. 2009 -- Nov 05, Mass Shooting, Army Major Nidal Malik Hasan, Fort Hood, TX³⁵⁴⁶ -- 13

 2013 -- Apr 15, Terrorism, Boston Marathon Bombs, MIT officer killed Apr 19, MA -- 4
 8. 2015 -- Dec 2, Terrorism, Muslim couple attack, Inland Regional Ctr., San Bernardino, CA³⁵⁴⁷-- 14
 2017 -- Oct 31, Islamic Terrorist drives down bikers/pedestrians, Manhattan NYC, NY-- 8

³⁵⁴⁰ Sub-listed in Terrorism and cross-listed in Aviation.

³⁵⁴¹ Cross-listed in Violence-Bombings.

³⁵⁴² Cross-listed in Violence-Bombings.

³⁵⁴³ Cross-listed in Aviation.

³⁵⁴⁴ Cross-listed in Aviation.

³⁵⁴⁵ Cross-listed in Aviation.

³⁵⁴⁶ Cross-listed in Violence-Rampage Shootings.

³⁵⁴⁷ Cross-listed in Violence-Mass Murder.

Violence – Subset -- Serial Killings (Not Listed in Other Documents) – By Mortality

1. 1982-1998 -- Gary Ridgeway “Green River Killer” Serial Killings, Seattle, Tacoma	-- 48
2. 1988, June 11 to June 18, 2003 – Charles Cullen Hospital Serial Killer, NJ, PA	--35-45
3. 1960’s 1980 -- Gerald Stano, Serial Killings, FL, NJ	-- 41
4. 1983-1986 -- Donald Harvey Serial Killings, Drake Mem. Hosp., Cincinnati, OH	-- 39
5. 1972-1978 -- John Wayne Gacy, Jr. Serial Killings, IL	-- 33
6. 1885-1901 -- Jane Toppan, Serial Killer, MA	-- 31
7. 1965-1977 -- Patrick Kearney “The Freeway Killer” Serial Killings	-- 28
8. 1970-Aug 8, 1973 -- Dean Corll “Candy Man” Serial Killer, Houston, TX	-- 27
9. 1973-1978 -- Ted Bundy Serial Killings, WA, OR, UT, ID, CO, FL	-- 26
10. 1974-1981 -- Ervil Morrell LeBaron orders killings of religious opponents, UT, CA	-- 25
11. 1997-2006 -- Ronald Dominique Serial Killings, Louisiana	-- 23
12. 1920-1929 -- Carl Panzram Serial Killings, OR, NY, MA, CT, MD, PA, KS	-- 22
13. 1979, May 28 to June 2, 1980 -- William George Bonin Freeway Killer, LA, CA	-- 21
14. 1893-1895 --Henry Howard Holmes Serial Killings, Chicago, IN, Philadelphia	-- 20
15. 1900-1909 -- Belle Gunness Serial Killings, IL, IN	-- 20
16. 1926-1927 -- Earle Leonard Nelson 8-Month Killing Spree, U.S. and Canada	-- 20
17. 1974-1982 -- Carl Eugene Watts Serial Killings, MI, TX	-- 19
18. 1974 -- Paul John Knowles, Serial Killings, FL, OH, NV, TX, AL, VA, GA	-- 18
19. 1989-1993 -- Joel Rifkin Serial Killings, New York City, NY	-- 18
20. 1978-1991 -- Jeffrey Dahmer Serial Killer, OH, WI	-- 17
21. 1948-1980 -- Carroll Edward Cole Serial Killer, CA, NV, TX	-- 16
22. 1969-1982 -- Charles Ray Hatcher Serial Killings, MO, CA, IL	-- 16
23. 1971-1983 -- Randy Steven Kraft Serial Killings, CA	-- 16
24. 1980-1983 -- Robert Hansen, Serial Killings, Alaska	-- 15
25. 1950’s-1999 -- David Parker Ray Serial Killings, Truth or Consequences, NM	-- 14
26. 1984-1985 -- Richard Ramirez Serial Killing Spree, CA	-- 14
27. 1972 -- May to January 1990, Arthur Shawcross “The Genesee River Killer,” NY	-- 13
28. 1972, Oct 13-Feb 13, 1973 -- Herbert Mullin Serial Killing Spree, CA	-- 13
29. 1975-1998 -- Robert Lee Yates, Jr. Serial Killings, WA	-- 13
30. 1987-1998 – Chester Turner Serial Killings, Los Angeles, CA	-- 13
31. 1974-1992 -- William Suff, Lake Elsinore Killer, CA	-- 12
32. 1977-1979 -- Bianchi and Buono Hillside Stranglers Serial Killing Spree, LA, CA	-- 12
33. 1981 -- March-April, hospital nurse kills elderly patients, Perris & Banning, CA	-- 12
34. 1983-1985 -- Leonard Lake Serial Killings, CA	-- 12
35. 2000-2002 -- Maury Troy Travis Serial Killings, MO	-- 12
36. 1872-1873 -- Bloody Benders Serial Murders, Labette County, KS	-- 11
37. 1927-1954 -- Nannie Doss Serial Killings, AL, NC, KS, OK	-- 11
38. 1957, Dec 1-Jan 29, 1958--Charles Starkweather/Carol A. Fugate Killing Spree, NE, WY--11	--11
39. 1953-1982 -- Donald Henry Gaskins, Serial Killings, SC	-- 10
40. 1964-1973 -- Edmund Kemper “The Co-Ed Killer,” Serial Killings, CA	-- 10
41. 1974-1991 -- Dennis Rader “BTK Strangler” Serial Killings, Wichita area, KS	-- 10
42. 1977-1980 -- J.P. Franklin Serial Killings, WI/MO/TN/GA/VA/IN/OH/PA/WV/UT	-- 10
43. 1978-1980 -- Gerald and Charlene Gallego Serial Killing Spree, CA, NV	-- 10
44. 1984 -- May-Nov, Bobby Joe Long Serial Killings of women, Tampa Bay Area, FL	-- ≥10

Violence – Subset -- **Serial Killings** (Not Listed in Other Documents) – **By Mortality**

- 45. 1991 – Dec-Aug 1992, Benjamin Tony Atkins Serial Killings, Detroit -- 10
- 46. 1992 -- May to March 1994, Henry Louis Wallace Serial Killings, Charlotte, NC -- 10

VIOLENCE Subset – **WARS** – Deadliest American – **By MORTALITY**³⁵⁴⁸

1. 1861-65 – Civil War	--558,052
2. 1941-45 -- World War II	--407,316
3. 1914-18 – World War I	--116,708
4. 1959-75 -- Vietnam War	--58,168
5. 1950-53 -- Korean War	--33,651
6. 1846-48 – Mexican War	--13,283
7. 1775-83 – American Revolution	--4,435
8. 1898 – Spanish American War	--2,446
9. 1812-14 – War of 1812	--2,260
10. 1991 -- Gulf War	-- 293

VIOLENCE Subset – **WARS** – Deadliest American – **CHRONOLOGICAL**

1. 1775-83 – American Revolution	--4,435
2. 1812-14 – War of 1812	--2,260
3. 1846-48 – Mexican War	--13,283
4. 1861-65 – Civil War	--558,052
5. 1898 – Spanish American War	--2,446
6. 1914-18 – World War I	--116,708
7. 1941-45 -- World War II	--407,316
8. 1950-53 -- Korean War	--33,651
9. 1959-75 -- Vietnam War	--58,168
10. 1991 -- Gulf War	-- 293

³⁵⁴⁸ Table 1, “American War Casualties,” Rosenberg/Peck. “Megadeaths.” P. 223 in Bryant (Ed.). *Handbook of Death & Dying*. 2003. Cites: *American Wars*, 2002.

VOLCANO ERUPTIONS – BY MORTALITY

1. 1790 -- Nov, Kilauea Volcano Eruption, Island of Hawai'i, HI -- >80--~400
2. 1868 -- Apr 2, Volcano induced earthquake, landslides/tsunami, Hawaii Isl., HI --79-81
3. 1980 -- May 18, Volcano Eruption and Landslides, Mount St. Helens, WA --55-67

VOLCANO ERUPTIONS – CHRONOLOGICAL

1. 1790 -- Nov, Kilauea Volcano Eruption, Island of Hawai'i, HI -- >80--~400
2. 1868 -- Apr 2, Volcano induced earthquake, landslides/tsunami, Hawaii Isl., HI --79-81
3. 1980 -- May 18, Volcano Eruption and Landslides, Mount St. Helens, WA --55-67

WIND STORMS / SEVERE THUNDERSORMS – American -- By MORTALITY

1. 1889 -- Jan 09, Windstorm, especially Pittsburgh and Reading, PA --48-61
2. 1922 -- June 11, Severe Storm, NY and New England, particularly NYC, NY -- 60
3. 1962 -- Oct 12, Columbus Day “Big Blow” Wind Storm, CA, OR, WA³⁵⁴⁹ -- 52
4. 2011 -- Apr 14-16, Storms, wind, tornadoes, flash flood, AL, AR, MS, NC, OK, VA³⁵⁵⁰ -- 46
5. 1886 -- Aug 20, Severe Storm, TX -- 38
6. 1886 -- May 11, Wind Storm, Kansas City, MO -- 32
7. 2012 -- Jun 29, Derecho, esp. Mid-Atlantic, Deaths: DC/KY/MD/OH/NJ/VA --20-24
8. 1909 -- April 6-7, Wind Storms, MI, MS, NY, PA --18-21
9. 1934 -- Oct 21, Windstorm, WA -- 21
10. 1878 -- Jul 4, Severe Weather, Wind, Downbursts, Flash Floods ~Pittsburgh PA³⁵⁵¹ -- 15
11. 1981 -- Nov 13-15, Windstorms, Pacific Northwest, especially OR/10 and WA/5 -- 15
12. 2006 -- Dec 13-22, Windstorm, Carbon Monoxide Poisonings (8), esp. Kings Co. WA³⁵⁵² -- 15

13. 1900 -- Aug 12, Thunder Storm, lightning strikes, small crafts capsize, NYC vic. -- 8-14
14. 1902 -- July 20, Severe Thunderstorm, ~1:30-1:45 pm, Baltimore & vicinity, MD --12-13
15. 1909 -- June 11, Wind Storm, Haskell, Lueders, Sweetwater, Wichita Falls, TX --11-12
16. 1950 -- Oct 25-29, winter-like storms (wind/rain/snow), Northern CA, OR, WA³⁵⁵³ -- 12
17. 1913 -- Oct 23, Thundersqualls, Severe local storms, Tornado, southern LA -- ~11
18. 1924 -- Jun 28, Severe Weather, Th-storms, Tor., Flash Flooding, ~Pittsburgh PA³⁵⁵⁴ -- 11
19. 1894 -- Jun 27, Windstorm, MN & SD -- 10

- Other:**
- 1891 -- Jun 26, Thunder/wind storm, Patterson Coal bldg. collapse, Mt. Carmel, PA -- 6-7
- 1890 -- Aug 21, Thunder/Wind Storm, Streetcar Building Wall Collapse, Philly, PA -- 6
- 1993 -- Jan 20, Inauguration Day wind storm, WA -- 5

³⁵⁴⁹ This is a subset of stormy weather Oct 10-13, no. CA, OR, WA and BC, during which 58-75 lives were lost. The broader dates include loss of life due to mudslides, drowning, maritime losses, vehicle accidents on rain-slick roads. This breakout includes 46 Oct 12-related deaths in OR and WA and 6 Oct 12-related deaths in CA.

³⁵⁵⁰ Cross-listed in Tornadoes – there were deaths due to winds knocking trees down on cars and dwellings, tornadoes, and flash flooding (2).

³⁵⁵¹ Arbitrary listing: eight deaths were to flash flooding; 7 to wind felling a tree onto a wagon of picnickers. (Gelber 2002, 145.)

³⁵⁵² Cross-listed in Carbon Monoxide Poisoning section in that 8 fatalities were due to that cause. Four deaths were due to wind-driven debris, one from drowning, one from electrocution and one from fire.

³⁵⁵³ Cross-listed in Winter Storms -- even though these storms were in late October they were “winter-like” out of north Pacific with snow, cold temperatures, rain and high winds.

³⁵⁵⁴ Arbitrary listing: Primarily severe thunderstorm with lightning and flash flooding, leading to casualties from downburst winds (5), flash flooding, building collapse, landslide (2), electrocution. One death attributable to a tornado. (Gelber 2002, 156.)

WIND STORMS / SEVERE THUNDERSORMS – American – Chronological

1. 1878 -- Jul 4, Severe Weather, Wind, Downbursts, Flash Floods ~Pittsburgh PA³⁵⁵⁵ -- 15
2. 1886 -- May 11, Wind Storm, Kansas City, MO -- 32
3. 1886 -- Aug 20, Severe Storm, TX -- 38
4. 1889 -- Jan 09, Windstorm, especially Pittsburgh and Reading, PA --48-61
- 1890 -- Aug 21, Thunder/Wind Storm, Streetcar Building Wall Collapse, Philly, PA -- 6
- 1891 -- June 26, Thunder/wind storm, Patterson Coal bldg. collapse, Mt. Carmel, PA -- 6-7
5. 1894 -- June 27, Windstorm, MN & SD -- 10
6. 1900 -- Aug 12, Thunder Storm, lightning strikes, small crafts capsized, NYC vic. -- 8-14
7. 1902 -- July 20, Severe Thunderstorm, ~1:30-1:45 pm, Baltimore & vicinity, MD --12-13
8. 1909 -- Apr 6-7, Wind Storms, MI, MS, NY, PA --18-21
9. 1909 -- June 11, Wind Storm, Haskell, Lueders, Sweetwater, Wichita Falls, TX --11-12
10. 1913 -- Oct 23, Thundersqualls, Severe local storms, Tornado, southern LA -- ~11
11. 1922 -- June 11, Severe Storm, NY and New England, particularly NYC, NY -- 60
12. 1924 -- Jun 28, Severe Weather, Th-storms, Tor., Flash Flooding, ~Pittsburgh PA³⁵⁵⁶ -- 11
13. 1934 -- Oct 21, Windstorm, WA -- 21
14. 1950 -- Oct 25-29, winter-like storms (wind/rain/snow), Northern CA, OR, WA³⁵⁵⁷ -- 12
15. 1962 -- Oct 12, Columbus Day “Big Blow” Wind Storm, CA, OR, WA³⁵⁵⁸ -- 52
16. 1981 -- Nov 13-15, Windstorms, Pacific Northwest, especially OR/10 and WA/5 -- 15
- 1993 -- Jan 20, Inauguration Day wind storm, WA -- 5
17. 2006 -- Dec 13-22, Windstorm, Carbon Monoxide Poisonings (8), esp. Kings Co. WA³⁵⁵⁹-- 15
18. 2011 -- Apr 14-16, Storms, wind, tornadoes, flash flood, AL, AR, MS, NC, OK, VA³⁵⁶⁰ -- 46

³⁵⁵⁵ Arbitrary listing: eight deaths were to flash flooding; 7 to wind felling a tree onto a wagon of picnickers. (Gelber 2002, 145.)

³⁵⁵⁶ Arbitrary listing: Primarily severe thunderstorm with lightning and flash flooding, leading to casualties from downburst winds (5), flash flooding, building collapse, landslide (2), electrocution. One death attributable to a tornado. (Gelber 2002, 156.)

³⁵⁵⁷ Cross-listed in Winter Storms -- even though these storms were in late October they were “winter-like” out of north Pacific with snow, cold temperatures, rain and high winds.

³⁵⁵⁸ This is a subset of stormy weather Oct 10-13, no. CA, OR, WA and BC, during which 58-75 lives were lost. The broader dates include loss of life due to mudslides, drowning, maritime losses, vehicle accidents on rain-slick roads. This breakout includes 46 Oct 12-related deaths in OR and WA and 6 Oct 12-related deaths in CA.

³⁵⁵⁹ Cross-listed in Carbon Monoxide Poisoning section in that 8 fatalities were due to that cause. Four deaths were due to wind-driven debris, one from drowning, one from electrocution and one from fire.

³⁵⁶⁰ Cross-listed in Tornadoes – there were deaths due to winds knocking trees down on cars and dwellings, tornadoes, and flash flooding (2).

WINTER WEATHER – Blizzards, Exposure, Extreme Cold, Ice/Snow Storms,
Nor'easters -- Deadliest American – **By MORTALITY**

1. 1888 -- Jan 12, Blizzard and extreme cold, especially Dakota Territory, MN & NE --315-500
2. 1898 -- Nov. 26-27 “Portland Gale” Nor’easter & Maritime Disaster, Cape Cod³⁵⁶¹ -- 500
3. 1888 -- March 11-14, East Coast Nor’easter “Blizzard of 1888”³⁵⁶² --259-400
4. 1609/10 -- Hard Winter, Starvation, Disease, Attack, Jamestown Colony -- ~400
5. 1950 -- Nov 24-27, “Storm of the Century,” esp. IN, KY, MI, NJ, NY, OH, PA, WV -- 383
6. 1993 -- March 12-14, Gulf/East Coast late Winter Storm³⁵⁶³; esp. FL/51 PA/52 --247 (US)- 318
7. 1982 -- Jan 7-18, Extreme Cold Waves, ice/snow storms, esp. South, NE, Midwest --244-314
8. 1913 -- Nov 7-10, Great Lakes Stm. “The Big Blow” Blizzard³⁵⁶⁴ 12 US Ships Lost- 200-300
9. 1960 -- Dec 10-12, Mid to North Eastcoast Snowstorm/Blizzard/Coldwave --108-268
10. 1996 -- Jan 6-9; Blizzard/Snow; Midwest/South/& esp. East Coast/Northeast --154-208

11. 1798 -- Nov 17-21, New England Blizzard and Maritime Storm -- >200
12. 1951 -- Jan 27-Feb 8, Cold Waves, Winter Storms, ice, sleet, snow, nationwide --175-200
13. 1985 -- Jan 18-24 (esp. 19-21), Winter Cold Wave/Storms, esp. East and South --176-184
14. 1960 -- Mar 2-5, Snowstorm, IL, IN, OH, KY, WV, PA, MD, NJ, New England --81-174
15. 1940 -- Nov 11-12 “Armistice Day Blizzard,” WI, SD, NB, MN, IO, and MI -- 154
16. 1778 -- Dec 26-27, Blizzard, New Eng., esp. MA and RI, brig *Arnold*, sloop *Stark* -- ≥151
17. 1933 -- Feb 7-12, Cold Waves, Winter Storms, esp. Central & Upper Midwest --90-150
18. 1933 -- Dec 26-28, Winter Storm/Coldwave, Pacific NW, Upper Mid-West, NE --102-145
19. 1989 -- Dec 8-26, Cold Wave and Winter Snow Storms eastern two-thirds of U.S. -- ≥126
20. 1978 -- Feb 5-7, Nor’easter & Blizzard, Northeast, especially MA and RI --90-119
21. 1967 -- Jan 26-27, Great Midwest Blizzard, IL, IN, MI especially Chicago, IL --100-111
22. 1994 -- Jan 14-21, Winter Extreme Cold and Snow, Northeast, Midwest, South³⁵⁶⁵ --78-110
23. 1961 -- Feb 3-5, Blizzard-like Snow Storm, Northwest, Midwest, East Coast --69-100
24. 1999 -- Jan 1-5, Winter Storms/Cold, esp. Midwest; most esp. Chicago vic., IL --89-~100
25. 1922 -- Jan 28, Roof Collapse, snow weight, Knickerbocker Theater, Wash. DC³⁵⁶⁶ -- 98
26. 2009 -- Jan 26-29, Ice and Snow Storm, esp. Central/Eastern U.S., esp. KY and AR -- 91
27. 1839 -- Dec 15, “Great Storm of 1839,” Massachusetts Bay, MA³⁵⁶⁷ --64-90
28. 1975 -- Jan 10-12, Blizzard, Great Storm of 1975, especially IA, MN, NE, ND, SD --80-84
29. 1941 -- Mar 15, Blizzard/Snow Storm, ND, MN, WI, OH, PA, NY -- 82
30. 1947 -- Dec 26-27, Winter/Snow Storm, New England, PA, NJ, NY --70-77
31. 1958 -- Feb 17, Snow Storms, East Coast, CO, MO, OH, WV --43-77
32. 1978 -- Jan 25-27, “Blizzard of 1978” OH, MI, KY, IL, PA, WI -- 73
33. 1873 -- Jan 7-9, Blizzard, MN -- 70
34. 1961 -- Jan 19-20, Snowstorm, DC, DE, IN, MD, NC, NJ, NY, PA, VA, WV --33-69
35. 1982 -- Jan 30-Feb 5, Snow/Cold, esp. Midwest, esp. Greater Detroit/15 and IL/11 --47-69

³⁵⁶¹ Cross-listed in Maritime.

³⁵⁶² Cross-listed in Maritime.

³⁵⁶³ Sometimes referred to as the “Superstorm of 1993,” or the “Storm of the Century.”

³⁵⁶⁴ Cross-listed in Maritime

³⁵⁶⁵ There were *Associated Press* reports dated Jan 21 and 22 noting, depending on the report, 113, over 130, and 142 weather-related deaths, but we have not been able to verify this reporting.

³⁵⁶⁶ Cross-listed in Structural Failures.

³⁵⁶⁷ Cross-listed in Maritime.

36. 2007 -- Jan 12-15, Ice/Winter Storm, Plains, Midwest, Northeast., esp. SE OK -- 69
 37. 1979 -- Feb 17-20, Snow/ice storms/extreme cold, Plains to East, Gulf to New England-- ~67
 38. 1957 -- Jan 14-17, Winter Snowstorms, Cold, especially Upper Midwest, Northeast -- 63
 39. 1953 -- Jan 10-11, Winter Storms, New England, Northeast, Pacific Northwest --34-61
 40. 2016 -- Jan 20-23, Ice and Snow Storm Jonas, East Coast; esp. NY/10 PA/10 VA/12 --60-61
 41. 1846 -- Feb 14/15, Winter Snow Storm, *John Minturn & other boats wreck*, NJ --50-60

WINTER WEATHER – Deadliest American – By MORTALITY (cont.)

42. 2000 -- Dec 25-27, Ice and Snow Storms, Southern Plains, especially OK and TX --58-59
 43. 1960 -- Feb 12-15, Snow Storm, Gulf States, Atlantic Coast (esp. PA), New England --43-56
 44. 1958 -- Mar 19-22 Snowstorm, VA, MD, PA, NJ, NY, New England --49-55
 45. 1983 -- Feb 10-12, Snow Storm/Blizzard, Mid-Atlantic, Southern New England --31-54
 46. 1620/21 -- Winter, Disease, Exposure, Plymouth Colony, MA -- ~ 50
 47. 1977 -- Jan 27-Jan 31, Winter storm/Blizzard, esp. NE OH, Buffalo & NW NY --34-49
 48. 2014 -- Jan 1-7, Winter Storms and Polar Vortex Cold Wave --44-45
 49. 1847 -- Donner Party Tragedy, Winter Storm, Snow Starvation, -- 43
 50. 1949 -- Jan 2-5, Blizzard and Extreme Cold, CO/7, NE/20, SD/1, WY/12 -- 40
 51. 1962 -- Mar 5-9, “Ash Wednesday” Nor’easter, Mid Atlantic States -- 40
 52. 2017 -- Dec 26-Jan 6, 2018, Bitter Cold (exposure), ice/snow (vehicular), much of US--39-40
 53. 1993 -- Jan 5-Feb 28, Winter storms, heavy rain and flooding, Southern CA³⁵⁶⁸ -- 39
 54. 1945 -- Nov 29-30, New Jersey, New York and New England Nor’easter --26-38
 55. 1952 -- Nov 25-26, Winter Storm, Mid and Southwest, esp. CO, IA, KS, MN, NE -- ≥38
 56. 1985 -- Jan 8-13, Winter Cold Wave and Snow Storms, esp. PA/6; MA/5 and TX/5 -- 36
 57. 2007 -- Dec 9-10, Ice Storm, especially Kansas (6) and OK, especially Tulsa --35-36
 58. 2011 -- Jan 29-Feb 3, Groundhog Day Blizzard (storm), Central, East, Northeast -- 36
 59. 2011 -- Oct 29, Nor’easter Snowstorm, Northeast -- CT, MA, NJ, NY, PA -- 36
 60. 1894 -- May 17-18, Great Lakes Storm, 23 Ships Founder (22 Maritime Deaths)³⁵⁶⁹ -- 35
 61. 1958 -- Jan 07, Winter Storm (Snow, Sleet, Ice, High Wind) Northeast, esp. New Eng.- 33-35
 62. 1960 -- Feb 18-20, Snowstorm IA, MD, MS, NC, NJ, NY, New En., PA, VA, WV --26-34
 63. 1984 -- Mar 28- 30, Nor’easter, wind/snow storms, Northeast, esp. NY/~16, PA/~11³⁵⁷⁰ --~33
 64. 1804 -- Oct 9, “Winter” Storm (“Hurricane”), New England, especially coast of MA³⁵⁷¹ --≥32
 65. 1957 -- Dec 3-4, Snowstorm, esp. CT, DC, DE, IN, MD, NJ, NY, OH, PA and VA --20-29
 66. 2002 -- Jan 28-Feb 1, Ice/Snow Storms, Plains, Midwest, Northeast, esp. OK and MI -- 29
 67. 2014 -- Feb 11-16, Winter Storm Pax,³⁵⁷² Ice and Snow Storm, esp. East Coast --25-29
 68. 1966 -- Mar, Midwest Blizzard -- 27
 69. 1971 -- Jan 4, Blizzard, KS, WI, and especially IA -- 27
 70. 1909 -- Dec 25-26, Winter Storm, No. Atlantic States, especially NYC, CT, MA --20-26

³⁵⁶⁸ Cross-listed in Floods in that at least 31 deaths were from drowning; 15 of which were of immigrants seeking to enter U.S. from Mexico, and drowning in the Tijuana River. Two deaths were from vehicular accidents on rain-slickened roads. Six others were generally described as weather-related. One or more of these could have been from drowning, perhaps involving a vehicle.

³⁵⁶⁹ Some would call this storm an “Alberta Clipper.” Cross-listed under Maritime.

³⁵⁷⁰ Given heavy snow, blizzard conditions in some locations and general description as nor’easter, placing in “winter storms” even though late March is in the Spring season.

³⁵⁷¹ Cross-listed in Maritime in that the majority of lives lost, chronicled herein, were from maritime vessels.

³⁵⁷² The name “Pax” came from *The Weather Channel*.

- 71. 2006 -- Nov 29 (late)-Dec 1, Winter Storms, especially the Midwest, also NY, PA --23-24
- 72. 2009 -- Dec 7-9, Winter storm/blizzard, extreme cold, esp. Midwest to East Coast -- 24
- 73. 1992 -- Dec 10-13, East Coast Nor'easter; Snow/High Waves/Wind; esp. PA (9) -- ~23
- 74. 1956 -- Dec 14-15, Winter Snow, sleet and ice storm, East Coast, esp. NY, NE --18-22
- 75. 1998 -- Jan 8-10, Ice Storm, ME (8), NH (2), NY (10), VE (1)³⁵⁷³ -- 21
- 76. 1811 -- Dec 23-24, Winter storm/blizzard, maritime losses, northern Long Island, NY³⁵⁷⁴ ~20
- 77. 1873 -- Apr 13, "Easter Blizzard," NE -- <20
- 78. 1929 -- Jan 22, Train Hits Greyhound Bus, Snowstorm, Bellevue, OH³⁵⁷⁵ -- 20

WINTER WEATHER – Deadliest American – By MORTALITY (cont.)

- 79. 2007 -- Nov 30-Dec 1, Winter Storms, especially the Midwest, also Northeast --≥16-19
- 80. 2007 -- Dec 22-23, Winter Storm, Midwest, MN/WI/WY (3 each); TX (2); KS (1) --12-19
- 81. 1786 -- Dec 5, Gale, sloop grounds, Lovell's Isl., Brig at Pt. Shirley, Boston Harbor, MA--18
- 82. 2013 -- Feb 8-9, Winter Storm Nemo, northeast, esp., CT, ME, MA, NH, NJ, NY -- 18
- 83. 2016 -- Dec 15-17, Winter Weather Decima, ice, road accidents, Midwest/Northeast --15-18
- 84. 1871 -- Dec 03, Winter Exposure, Immigrants Freeze, Saline County, NE -- 17
- 85. 1940 -- Jan 23-24, Snow/Coldwave, MS, AL, GA, NC, SC, TN, VA, DC, MD, NJ -- 17
- 86. 1994 -- Jan 4-5, 'Nor'easter,' heavy snow, East Coast, esp. northeast, esp. PA (10) -- ~17
- 87. 2012 -- Dec 25-27, Winter Storm, AL, AR, IN, KY, LA, OH, OK, NY, PA, TX, VA --16-17
- 88. 1989 -- Dec 2-3, Heavy Snow and traffic accidents, Michigan -- 16
- 89. 1973 -- Feb 8-11 Snow Storm, SE U.S., AL/FL/GA/LA/MS/NC/SC/TX/VA -- 15
- 90. 1994 -- Feb 8-13, Southeast, Southwest, Midwest Ice, Snow, Freezing Rain, Sleet -- ≥15
- 91. 2018 -- Jan 17, Winter storm, snow, deep cold, deaths in GA LA NC TN TX VA WV -- 15
- 92. 1802 -- Feb 22/23, winter storm, ships ground, esp. *Brutus*, exposure, Cape Cod, MA³⁵⁷⁶-- 14
- 93. 1997 -- Jan 7-18, Winter Snow and Cold, San Diego County Mountains, CA -- 14
- 94. 2014 -- Jan 28-29, Winter Storm Snow/Ice, traffic accidents, AL, GA, MS, NC, SC -- 14
- 95. 1950 -- Jan 13-14, Winter Storm, Puget Sound, WA -- 13
- 96. 1979 -- Oct 29-Nov 2, Winter snow storm/blizzard, Midwest/Great Plains, esp. CO/6 -- 13
- 97. 1991 -- Oct 28-Nov 1, Perfect Storm Nor'easter, East Coast, *Andrea Gail* Lost -- 13
- 98. 2007 -- Dec 1-4, Winter Storm (The Great Coastal Gale of 2007) Pacific NW -- 13
- 99. 2010 -- March 13, Nor'easter, Heavy Rain, Strong Wind, NJ, NY, CT, RI, WV -- 13
- 100. 2013 -- Nov 22-25, Winter Storm Boreas, traffic accidents, esp. CA, OK, TX -- 13
- 101. 2014 -- Nov 18-21, Lake-Effect Snow, Greater Buffalo area, NY --12-13
- 102. 1950 -- Oct 25-29, winter-like storms (wind/rain/snow), Northern CA, OR, WA³⁵⁷⁷ -- 12
- 103. 2007 -- Feb 1-19, Extreme Cold/Wind Chill, Grundy, Kane & esp. Cook County, IL -- 12
- 104. 1886 -- Nov 15-18, Great Lakes Region Storm -- 11
- 105. 1935 -- Feb 23, Winter Storm, Snow, Sleet North East U.S., NY, NJ, PA -- 10
- 106. 1997 -- Oct 24-25, Blizzard, CO -- 10
- 107. 2007 -- Dec 15-16, Midwest and East Coast Snow Storm -- ~10

³⁵⁷³ Deaths include eight from CO poisoning, two falls, one heart attack, four hypothermia, one from roof collapse, two tree/branch falls, two vehicular, and one fire from a woodstove after power was lost.

³⁵⁷⁴ Cross-listed under Maritime.

³⁵⁷⁵ Cross-listed under Bus and Rail.

³⁵⁷⁶ Cross-listed under Maritime.

³⁵⁷⁷ Cross-listed in Wind Storms. Even though these storms were in late October they were "winter-like" out of north Pacific with snow, cold temperatures, rain and high winds.

Other:

1986 -- May 14-15, Blizzard, Oregon Episcopal School mt. climbing group, Mt. Hood, OR-- 9
1996 -- Nov 18-20, Pacific Northwest Storm, Rain, Mudslides, Ice, Snow, OR, WA³⁵⁷⁸ -- 8

³⁵⁷⁸ Not included is the Dec 1 death of three members of Appler family (wife/mother and two children) when their car was hit by a semi after they stopped at a mudslide near Elkton, Douglas County, on the Umpqua River.

WINTER WEATHER – Deadliest American – CHRONOLOGICAL

1. 1609/10 -- Hard Winter, Starvation, Disease, Attack, Jamestown Colony -- ~400
2. 1620/21 -- Winter, Disease, Exposure, Plymouth Colony, MA -- ~ 50

3. 1778 -- Dec 26-27, Blizzard, New Eng., esp. MA and RI, brig *Arnold*, sloop *Stark* -- ≥151
4. 1786 -- Dec 5, Gale, sloop grounds, Lovell's Isl., Brig at Pt. Shirley, Boston Harbor, MA--18
5. 1798 -- Nov 17-21, New England Blizzard and Maritime Storm -- >200

6. 1802 -- Feb 22/23, winter storm, ships ground, esp. *Brutus*, exposure, Cape Cod, MA³⁵⁷⁹ -- 14
7. 1804 -- Oct 9, "Winter" Storm ("Hurricane"), New England, especially coast of MA³⁵⁸⁰ -- ≥32
8. 1811 -- Dec 23-24, Winter storm/blizzard, maritime losses, northern Long Island, NY³⁵⁸¹ ~20
9. 1839 -- Dec 15, "Great Storm of 1839," Massachusetts Bay, MA³⁵⁸² --64-90

10. 1846 -- Feb 14/15, Winter Snow Storm, *John Minturn* & other boats wreck, NJ --50-60
11. 1847 -- Donner Party Tragedy, Winter Storm, Snow Starvation, -- 43

12. 1871 -- Dec 03, Winter Exposure, Immigrants Freeze, Saline County, NE -- 17
13. 1873 -- Jan 7-9, Blizzard, MN -- 70
14. 1873 -- Apr 13, "Easter Blizzard," NE -- <20

15. 1886 -- Nov 15-18, Great Lakes Region Storm -- 11
16. 1888 -- Jan 12, Blizzard and extreme cold, especially Dakota Territory, MN & NE --315-500
17. 1888 -- Mar 11-14, East Coast Nor'easter "Blizzard of 1888"³⁵⁸³ --259-400

18. 1894 -- May 17-18, Great Lakes Storm, 23 Ships Founder (22 Maritime Deaths)³⁵⁸⁴ -- 35
19. 1898 -- Nov. 26-27 "Portland Gale" Nor'easter & Maritime Disaster, Cape Cod³⁵⁸⁵ -- 500

20. 1909 -- Dec 25-26, Winter Storm, No. Atlantic States, especially NYC, CT, MA --20-26

21. 1913 -- Nov 7-10, Great Lakes Stm. "The Big Blow" Blizzard³⁵⁸⁶ 12 US Ships Lost -200-300

22. 1922 -- Jan 28, Roof Collapse, snow weight, Knickerbocker Theater, Wash. DC³⁵⁸⁷ -- 98
23. 1929 -- Jan 22, Train Hits Greyhound Bus, Snowstorm, Bellevue, OH³⁵⁸⁸ -- 20

24. 1933 -- Feb 7-12, Cold Waves, Winter Storms, esp. Central & Upper Midwest --90-150
25. 1933 -- Dec 26-28, Winter Storm/Coldwave, Pacific NW, Upper Mid-West, NE --102-145

³⁵⁷⁹ Cross-listed under Maritime.

³⁵⁸⁰ Cross-listed in Maritime in that the majority of lives lost, chronicled herein, were from maritime vessels.

³⁵⁸¹ Cross-listed under Maritime.

³⁵⁸² Cross-listed under Maritime.

³⁵⁸³ Cross-listed under Maritime.

³⁵⁸⁴ Some would call this storm an "Alberta Clipper." Cross-listed under Maritime.

³⁵⁸⁵ Cross-listed under Maritime

³⁵⁸⁶ Cross-listed under Maritime

³⁵⁸⁷ Cross-listed in Structural Failures.

³⁵⁸⁸ Cross-listed under Bus and Rail.

26. 1935 -- Feb 23, Winter Storm, Snow, Sleet North East U.S., NY, NJ, PA -- 10

WINTER WEATHER -- Deadliest American -- Chronological (Cont.)

27. 1940 -- Jan 23-24, Snow/Coldwave, MS, AL, GA, NC, SC, TN, VA, DC, MD, NJ -- 17
28. 1940 -- Nov 11-12 "Armistice Day Blizzard," WI, SD, NB, MN, IO, and MI -- 154
29. 1941 -- Mar 15, Blizzard/Snow Storm, ND, MN, WI, OH, PA, NY -- 82
30. 1945 -- Nov 29-30, New Jersey, New York and New England Nor'easter --26-38
31. 1947 -- Dec 26-27, Winter/Snow Storm, New England, PA, NJ, NY --70-77
32. 1949 -- Jan 2-5, Blizzard and Extreme Cold, CO/7, NE/20, SD/1, WY/12 -- 40
33. 1950 -- Jan 13-14, Winter Storm, Puget Sound, WA -- 13
34. 1950 -- Oct 25-29, winter-like storms (wind/rain/snow), Northern CA, OR, WA³⁵⁸⁹ -- 12
35. 1950 -- Nov 24-27, "Storm of the Century," esp. IN, KY, MI, NJ, NY, OH, PA, WV -- 383
36. 1951 -- Jan 27-Feb 8, Cold Waves, Winter Storms, ice, sleet, snow, nationwide --175-200
37. 1952 -- Nov 25-26, Winter Storm, Mid and Southwest, esp. CO, IA, KS, MN, NE -- \geq 38
38. 1953 -- Jan 10-11, Winter Storms, New England, Northeast, Pacific Northwest --34-61
39. 1956 -- Dec 14-15, Winter Snow, sleet and ice storm, East Coast, esp. NY, NE --18-22
40. 1957 -- Jan 14-17, Winter Snowstorms, Cold, especially Upper Midwest, Northeast -- 63
41. 1957 -- Dec 3-4, Snowstorm, esp. CT, DC, DE, IN, MD, NJ, NY, OH, PA and VA --20-29
42. 1958 -- Jan 07, Winter Storm (Snow, Sleet, Ice, High Wind) Northeast, esp. New Eng.-33-35
43. 1958 -- Feb 17, Snowstorms, East Coast, CO, MO, OH, WV --43-77
44. 1958 -- Mar 19-22 Snowstorm, VA, MD, PA, NJ, NY, New England --49-55
45. 1960 -- Feb 12-15, Snowstorm, Gulf States, Atlantic Coast (esp. PA), New Eng. --43-56
46. 1960 -- Feb 18-20, Snowstorm IA, MD, MS, NC, NJ, NY, New En., PA, VA, WV --26-34
47. 1960 -- Mar 2-5, Snowstorm, IL, IN, OH, KY, WV, PA, MD, NJ, New England --81-174
48. 1960 -- Dec 10-12, Mid to North Eastcoast Snowstorm/Blizzard/Coldwave --108-268
49. 1961 -- Jan 19-20, Snowstorm, DC, DE, IN, MD, NC, NJ, NY, PA, VA, WV --33-69
50. 1961 -- Feb 3-5, Blizzard-like Snow Storm, Northwest, Midwest, East Coast --69-100
51. 1962 -- Mar 5-9, "Ash Wednesday" Nor'easter, Mid Atlantic States -- 40
52. 1966 -- Mar, Midwest Blizzard -- 27
53. 1967 -- Jan 26-27, Great Midwest Blizzard, IL, IN, MI especially Chicago, IL --100-111
54. 1971 -- Jan 4, Blizzard, KS, WI, and especially IA -- 27
55. 1973 -- Feb 8-11 Snow Storm, SE U.S., AL/FL/GA/LA/MS/NC/SC/TX/VA -- 15
56. 1975 -- Jan 10-12, Blizzard, Great Storm of 1975, especially IA, MN, NE, ND, SD --80-84
57. 1977 -- Jan 27-Jan 31, Winter storm/Blizzard, esp. NE OH, Buffalo & NW NY --34-49
58. 1978 -- Jan 25-27, "Blizzard of 1978" OH, MI, KY, IL, PA, WI -- 73
59. 1978 -- Feb 5-7, Nor'easter & Blizzard, Northeast, especially MA and RI --90-119
60. 1979 -- Feb 18-20, "Presidents' Day Snowstorm, East Coast and New England -- 16
61. 1979 -- Oct 29-Nov 2, Winter snow storm/blizzard, Midwest/Great Plains, esp. CO/6 -- 13
62. 1982 -- Jan 7-18, Extreme Cold Waves, ice/snow storms, esp. South, NE, Midwest --244-314

³⁵⁸⁹ Cross-listed in Wind Storms. Even though these storms were in late October they were "winter-like" out of north Pacific with snow, cold temperatures, rain and high winds.

63. 1982 -- Jan 30-Feb 5, Snow/Cold, esp. Midwest, esp. Greater Detroit/15 and IL/11 --47-69
 64. 1983 -- Feb 10-12, Snow Storm/Blizzard, Mid-Atlantic, Southern New England --31-54
 65. 1984 -- Mar 28- 30, Nor'easter, wind/snow storms, Northeast, esp. NY/~16, PA/~11³⁵⁹⁰--~33
 66. 1985 -- Jan 8-13, Winter Cold Wave and Snow Storms, esp. PA/6; MA/5 and TX/5 -- 36
 67. 1985 -- Jan 18-24 (esp. 19-21), Winter Cold Wave/Storms, esp. East and South --176-184
 1986 -- May 14-15, Blizzard, OR Episcopal School mt. climbing group, Mt. Hood, OR-- 9
 68. 1989 -- Dec 2-3, Heavy Snow and traffic accidents, Michigan -- 16
 69. 1989 -- Dec 8-26, Cold Wave and Winter Snow Storms eastern two-thirds of U.S. -- ≥126

WINTER WEATHER -- Deadliest American -- Chronological (Cont.)

70. 1991 -- Oct 28-Nov 1, Perfect Storm Nor'easter, East Coast, *Andrea Gail* Lost -- 13
 71. 1992 -- Dec 10-13, East Coast Nor'easter; Snow/High Waves/Wind; esp. PA (9) -- ~23
 72. 1993 -- Jan 5-Feb 28, Winter storms, heavy rain and flooding, Southern CA³⁵⁹¹ -- 39
 73. 1993 -- March 12-14, Gulf/East Coast late Winter Storm³⁵⁹²; esp. FL/51 PA/52 --247 (US)-318
 74. 1994 -- Jan 4-5, 'Nor'easter,' heavy snow, East Coast, esp. northeast, esp. PA (10) -- ~17
 75. 1994 -- Jan 14-21, Winter Extreme Cold and Snow, Northeast, Midwest, South³⁵⁹³ --78-110
 76. 1996 -- Jan 6-9; Blizzard/Snow; Midwest/South/& esp. East Coast/Northeast --154-208
 77. 1996 -- Nov 18-20, Pacific Northwest Storm, Rain, Mudslides, Ice, Snow, OR, WA³⁵⁹⁴-- 8
 78. 1997 -- Jan 7-18, Winter Snow and Cold, San Diego County Mountains, CA -- 14
 79. 1997 -- Oct 24-25, Blizzard, CO -- 10
 80. 1998 -- Jan 8-10, Ice Storm, ME (8), NH (2), NY (10), VE (1)³⁵⁹⁵ -- 21
 81. 1999 -- Jan 1-5, Winter Storms/Cold, esp. Midwest; most esp. greater Chicago, IL --89~100
 82. 2000 -- Dec 25-27, Ice and Snow Storms, Southern Plains, especially OK and TX --58-59
 83. 2002 -- Jan 28-Feb 1, Ice/Snow Storms, Plains, Midwest, Northeast, esp. OK and MI -- 29
 84. 2006 -- Nov 29 (late)-Dec 1, Winter Storms, especially the Midwest, also NY, PA --23-24
 85. 2007 -- Jan 12-15, Ice/Winter Storm, Plains, Midwest, Northeast., esp. SE OK -- 69
 86. 2007 -- Feb 1-19, Extreme Cold/Wind Chill, Grundy, Kane & esp. Cook County, IL -- 12
 87. 2007 -- Nov 30-Dec 1, Winter Storms, especially the Midwest, also Northeast -- ≥16-19
 88. 2007 -- Dec 1-4, Winter Storm (The Great Coastal Gale of 2007) Pacific NW -- 13
 89. 2007 -- Dec 9-10, Ice Storm, especially Kansas (6) and Tulsa, OK --35-36
 90. 2007 -- Dec 15-16, Midwest and East Coast Snow Storm -- ~10
 91. 2007 -- Dec 22-23, Winter Storm, Midwest, MN/WI/WY (3 each); TX (2); KS (1) --12-19
 92. 2009 -- Jan 26-29, Ice and Snow Storm, esp. Central/Eastern U.S., esp. KY and AR -- 91

³⁵⁹⁰ Given heavy snow, blizzard conditions in some locations and general description as nor'easter, placing in "winter storms" even though late March is in the Spring season.

³⁵⁹¹ Cross-listed in Floods in that at least 31 deaths were from drowning; 15 of which were of immigrants seeking to enter U.S. from Mexico, and drowning in the Tijuana River. Two deaths were from vehicular accidents on rain-slickened roads. Six others were generally described as weather-related. One or more of these could have been from drowning, perhaps involving a vehicle.

³⁵⁹² Sometimes referred to as the "Superstorm of 1993," or the "Storm of the Century."

³⁵⁹³ There were *Associated Press* reports dated Jan 21 and 22 noting, depending on the report, 113, over 130, and 142 weather-related deaths, but we have not been able to verify this reporting.

³⁵⁹⁴ Not included is the Dec 1 death of three members of Appler family (wife/mother and two children) when their car was hit by a semi after they stopped at a mudslide near Elkton, Douglas County, on the Umpqua River.

³⁵⁹⁵ Deaths include eight from CO poisoning, two falls, one heart attack, four hypothermia, one from roof collapse, two tree/branch falls, two vehicular, and one fire from a woodstove after power was lost.

93. 2009 -- Dec 7-9, Winter storm/blizzard, extreme cold, esp. Midwest to East Coast -- 24
94. 2010 -- March 13, Nor'easter, Heavy Rain, Strong Wind, NJ, NY, CT, RI, WV -- 13
95. 2011 -- Jan 29-Feb 3, Groundhog Day Blizzard (storm), Central, East, Northeast -- 36
96. 2011 -- Oct 29, Nor'easter Snowstorm, Northeast -- CT, MA, NJ, NY, PA -- 36
97. 2012 -- Dec 25-27, Winter Storm, AL, AR, IN, KY, LA, OH, OK, NY, PA, TX, VA --16-17
98. 2013 -- Feb 8-9, Winter Storm Nemo, northeast, esp., CT, ME, MA, NH, NJ, NY -- 18
99. 2013 -- Nov 22-25, Winter Storm Boreas, traffic accidents, esp. CA, OK, TX -- 13
100. 2014 -- Jan 1-7, Winter Storms and Polar Vortex Cold Wave --44-45
101. 2014 -- Jan 28-29, Winter Storm Snow/Ice, traffic accidents, AL, GA, MS, NC, SC-- 14
102. 2014 -- Feb 11-16, Winter Storm Pax,³⁵⁹⁶ Ice and Snow Storm, esp. East Coast --25-29
103. 2014 -- Nov 18-21, Lake-Effect Snow, Greater Buffalo area, NY --12-13
104. 2016 -- Jan 20-23, Ice and Snow Storm Jonas, East Coast; esp. NY/10 PA/10 VA/12--60-61
105. 2016 -- Dec 15-17, Winter Weather Decima, ice, road accidents, Midwest/Northeast- 15-18
106. 2017 -- Dec 26-Jan 6, 2018, Bitter Cold (exposure), ice/snow (vehicular), much of US--39-40
107. 2018 -- Jan 17, Winter storm, snow, deep cold, deaths in GA LA NC TN TX VA WV-- 15

³⁵⁹⁶ The name "Pax" came from *The Weather Channel*.

BLIZZARDS -- Subset of **Winter Storms** -- By **Mortality**

1. 1888 -- Jan 12, Blizzard and extreme cold, especially Dakota Territory, MN & NE --315-500
2. 1888 -- Mar 11-14, East Coast Nor'easter "Blizzard of 1888"³⁵⁹⁷ --259-400
3. 1950 -- Nov 24-27, "Storm of the Century," esp. IN, KY, MI, NJ, NY, OH, PA, WV-353-383
4. 1993 -- Mar 12-13, East Seaboard Storm/Blizzard, "Superstorm of 1993" --270-318
5. 1913 -- Nov 7-10, Great Lakes Blizzard "The Big Blow," 12 U.S. Ships Lost --200-300
6. 1960 -- Dec 10-12, Mid to North Eastcoast Snowstorm/Blizzard/Coldwave --108-268
7. 1798 -- Nov 17-21, New England Blizzard and Maritime Storm -- >200
8. 1940 -- Nov 11-12 "Armistice Day" Blizzard, WI, SD, NB, MN, IO, and MI -- 154
9. 1996 -- Jan 6-8, Blizzard of '96, East Coast and Northeast -- 154
10. 1941 -- Mar 15, North Dakota and Minnesota Blizzard -- 151

11. 1778 -- Dec 26-27, PA and New England Blizzard ("Hessian Storm"), especially RI -- 125
12. 1978 -- Feb 5-7, Nor'easter & Blizzard, Northeast, especially MA and RI --90-119
13. 1967 -- Jan 26-27, Great Midwest Blizzard, IL, IN, MI especially Chicago, IL --100-111
14. 1922 -- Jan 27-28, Knickerbocker Blizzard, Theater Collapse, Mid-Atlantic Reg. --98-108
15. 1999 -- Jan 1-4, Midwest Blizzard/Freeze, especially greater Chicago vic., IL --73~100
16. 1975 -- Jan 10-12, Blizzard, Great Storm of 1975, especially IA, MN, NE, ND, SD --80-84
17. 1978 -- Jan 25-27, "Blizzard of 1978" OH, MI, KY, IL, PA, WI -- 73
18. 1873 -- Jan 7-9, Blizzard, MN -- 70
19. 1983 -- Feb 10-12, Snow Storm/Blizzard, Mid-Atlantic, Southern New England --31-54
20. 1977 -- Jan 27-Jan 31, Winter storm/Blizzard, esp. NE OH, Buffalo & NW NY --34-49
21. 1949 -- Jan 2-5, Blizzard and Extreme Cold, CO/7, NE/20, SD/1, WY/12 -- 40
22. 1966 -- Mar, Midwest Blizzard -- 27
23. 1971 -- Jan 4, Blizzard, KS, WI, and especially IA -- 27
24. 1811 -- Dec 23-24, Winter storm/blizzard, maritime losses, northern Long Island, NY³⁵⁹⁸ ~20
25. 1873 -- Apr 13, "Easter Blizzard," NE -- <20
26. 1997 -- Oct 24-25, Blizzard, Colorado -- 10

- 1986 -- May 14-15, Blizzard, Oregon Episcopal School mt. climbing group, Mt. Hood, OR-- 9

³⁵⁹⁷ Cross-listed under Maritime.

³⁵⁹⁸ Cross-listed under Maritime.

BLIZZARDS -- Subset of **Winter Storms** -- **Chronological**

27. 1778 -- Dec 26-27, PA and New England Blizzard (“Hessian Storm”), especially RI -- 125
28. 1798 -- Nov 17-21, New England Blizzard and Maritime Storm -- >200
29. 1811 -- Dec 23-24, Winter storm/blizzard, maritime losses, northern Long Island, NY³⁵⁹⁹ ~20
30. 1873 -- Jan 7-9, Blizzard, MN -- 70
31. 1873 -- Apr 13, “Easter Blizzard,” NE -- <20
32. 1888 -- Jan 12, Blizzard and extreme cold, especially Dakota Territory, MN & NE --315-500
33. 1888 -- Mar 11-14, East Coast Nor’easter “Blizzard of 1888”³⁶⁰⁰ --259-400
34. 1913 -- Nov 7-10, Great Lakes Blizzard “The Big Blow,” 12 U.S. Ships Lost --200-300
35. 1922 -- Jan 27-28, Knickerbocker Blizzard, Theater Collapse, Mid-Atlantic Reg. --98-108
36. 1940 -- Nov 11-12 “Armistice Day” Blizzard, WI, SD, NB, MN, IO, and MI -- 154
37. 1941 -- Mar 15, North Dakota and Minnesota Blizzard -- 151
38. 1949 -- Jan 2-5, Blizzard and Extreme Cold, CO/7, NE/20, SD/1, WY/12 -- 40
39. 1950 -- Nov 24-27, “Storm of the Century,” esp. IN, KY, MI, NJ, NY, OH, PA, WV-353-383
40. 1960 -- Dec 10-12, Mid to North Eastcoast Snowstorm/Blizzard/Coldwave --108-268
41. 1966 -- Mar, Midwest Blizzard -- 27
42. 1967 -- Jan 26-27, Great Midwest Blizzard, IL, IN, MI especially Chicago, IL --100-111
43. 1971 -- Jan 4, Blizzard, KS, WI, and especially IA -- 27
44. 1975 -- Jan 10-12, Blizzard, Great Storm of 1975, especially IA, MN, NE, ND, SD --80-84
45. 1977 -- Jan 27-Jan 31, Winter storm/Blizzard, esp. NE OH, Buffalo & NW NY --34-49
46. 1978 -- Jan 25-27, “Blizzard of 1978” OH, MI, KY, IL, PA, WI -- 73
47. 1978 -- Feb 5-7, Nor’easter & Blizzard, Northeast, especially MA and RI --90-119
48. 1983 -- Feb 10-12, Snow Storm/Blizzard, Mid-Atlantic, Southern New England --31-54
- 1986 -- May 14-15, Blizzard, OR Episcopal School mt. climbing group, Mt. Hood, OR-- 9
49. 1993 -- Mar 12-13, East Seaboard Storm/Blizzard, “Superstorm of 1993” --270-318
50. 1996 -- Jan 6-9; Blizzard/Snow; Midwest/South/& esp. East Coast/Northeast --154-208
51. 1997 -- Oct 24-25, Blizzard, Colorado -- 10
52. 1999 -- Jan 1-4, Midwest Blizzard/Freeze, especially greater Chicago vic., IL --73~100

³⁵⁹⁹ Cross-listed under Maritime.

³⁶⁰⁰ Cross-listed under Maritime.

Nor'easters Subset of Winter Storms -- -- Deadliest American

1. 1888--Mar 11-14, East Coast Nor'easter "Blizzard of '88" "Great White Hurricane"-259-400
2. 1950 -- Nov 24-27, Eastern U.S. "Great Appalachian Storm" Nor'easter -- 383
3. 1978 -- Feb 5-8, New England Nor'easter & Blizzard -- 56
4. 1962 -- Mar 5-9, "Ash Wednesday" Nor'easter, Mid Atlantic States -- 40
5. 1945 -- Nov 29-30, New Jersey, New York and New England Nor'easter --26-38
6. 2011 -- Oct 29, Nor'easter Snowstorm, Northeast -- CT, MA, NJ, NY, MA, PA -- 36
7. 1984 -- Mar 28- 30, Nor'easter, wind/snow storms, Northeast, esp. NY/~16, PA/~11³⁶⁰¹--~33
8. 1992 -- Dec 10-13, East Coast Nor'easter; Snow/High Waves/Wind; esp. PA (9) -- ~23
9. 2013 -- Feb 8-9, Winter Storm Nemo, northeast, esp., CT, ME, MA, NH, NJ, NY -- 18
10. 1991 -- Oct 28-Nov 1, Perfect Storm Nor'easter, East Coast, *Andrea Gail* Lost -- 13

³⁶⁰¹ Given heavy snow, blizzard conditions in some locations and general description as nor'easter, placing in "winter storms" even though late March is in the Spring season.

Wood Alcohol Poisoning -- By Mortality

1. 1919 -- Dec 25-30, Wood Alcohol Poisoning, esp. MA/61 NJ/18 CT/17 IL/14 PA/12-139-150
 2. 1926 -- July 22-Aug 2, Wood Alcohol Poisonings, Buffalo, NY and vicinity -- 45
 3. 1951 -- Oct 21-25, Wood Alcohol (Methanol) Poisoning, Atlanta (also Winder), GA -- 41
 4. 1958 -- Feb 22-March 4, Bootleg Wood Alcohol Poisoning, Puerto Ricans, NYC -- 27
 5. 1905 -- Wood Alcohol Poisoning, NYC, NY -- >25
 6. 1922 -- Jan 20-Feb 17, Wood Alcohol Poisoning, Hoboken and Ridgefield Park NJ -- 16
 7. 1921 -- Dec 24-Jan 3, Wood Alcohol Poisoning, NYC (10) and Pittsburg, PA (4) -- 14
 8. 1919 -- Nov 22-Dec 5, Wood Alcohol Poisoning, New York City, NY --11-12
 9. 1922 -- Jan 7-11, Wood Alcohol Poisoning, NJ, especially Hoboken, NJ -- 11
 10. 1922 -- Sep 5-11, Wood Alcohol Poisoning, NYC, NY -- 11
- 1919 -- Aug 3-9, Wood Alcohol Poisoning, Hannah, ND -- 5
- 1914 -- Feb 25~, Wood Alcohol Poisoning, Italian Wedding Party, NYC, NY -- 3

Wood Alcohol Poisoning -- Chronological

1. 1905 -- Wood Alcohol Poisoning, NYC, NY -- >25
- 1914 -- Feb 25~, Wood Alcohol Poisoning, Italian Wedding Party, NYC, NY -- 3
- 1919 -- Aug 3-9, Wood Alcohol Poisoning, Hannah, ND -- 5
2. 1919 -- Nov 22-Dec 5, Wood Alcohol Poisoning, New York City, NY --11-12
3. 1919 -- Dec 25-30, Wood Alcohol Poisoning, esp. MA/61 NJ/18 CT/17 IL/14 PA/12-139-150
4. 1921 -- Dec 24-Jan 3, Wood Alcohol Poisoning, NYC (10) and Pittsburg, PA (4) -- 14
5. 1922 -- Jan 7-11, Wood Alcohol Poisoning, NJ, especially Hoboken, NJ -- 11
6. 1922 -- Jan 20-Feb 17, Wood Alcohol Poisoning, Hoboken and Ridgefield Park NJ -- 16
7. 1922 -- Sep 5-11, Wood Alcohol Poisoning, NYC, NY -- 11
8. 1926 -- July 22-Aug 2, Wood Alcohol Poisonings, Buffalo, NY and vicinity -- 45
9. 1951 -- Oct 21-25, Wood Alcohol (Methanol) Poisoning, Atlanta (also Winder), GA -- 41
10. 1958 -- Feb 22-March 4, Bootleg Wood Alcohol Poisoning, Puerto Ricans, NYC -- 27