

Preventable death¹ summary by leading cause, 2015-2016, United States

Cause	2015	2016	Change	% Change
Total	146,571	161,374	14,803	10.10%
Poisoning	47,478	58,335	10,857	22.90%
MV	37,757	40,327	2,570	6.80%
Falls	33,381	34,673	1,292	3.90%
Choking	5,051	4,829	-222	-4.40%
Drowning	3,602	3,786	184	5.10%
Fire, flames, smoke	2,646	2,730	84	3.20%
All other	16,656	16,694	38	0.20%

¹ *Preventable deaths and injuries – what some refer to as accidents while others use the technical term unintentional incident – do not include natural causes of death like illnesses or intentional events like homicides or suicides.*

Source: NSC analysis of NCHS mortality data: <https://wonder.cdc.gov/mcd.html>

Preventable death¹ summary by state, 2015-2016, United States

State	2015						2016						2015 to 2016 Percent Change
	Total		Poisoning		Motor Vehicle	Falls	Total		Poisoning		Motor Vehicle	Falls	
	Deaths	Rate ²	Total	Opioid ³			Deaths	Rate ²	Total	Opioid ³			
Total U.S.	146,571	45.6	47,478	29,382	37,757	33,381	161,374	49.9	58,335	37,814	40,327	34,673	10.1%
Alabama	2,552	52.5	701	261	962	259	2,755	56.6	726	320	1,158	244	8.0%
Alaska	388	52.5	135	79	74	52	439	59.2	129	82	97	74	13.1%
Arizona	3,539	51.8	1,088	566	920	1,045	4,010	57.9	1,299	680	993	1,115	13.3%
Arkansas	1,538	51.6	303	143	593	270	1,604	53.7	345	131	634	240	4.3%
California	12,544	32.0	4,376	1,794	3,721	2,451	13,213	33.7	4,324	1,769	4,155	2,578	5.3%
Colorado	2,725	49.9	801	431	587	850	2,880	52.0	848	478	635	871	5.7%
Connecticut	1,799	50.1	773	647	286	444	1,978	55.3	928	811	305	404	9.9%
Delaware	449	47.5	177	119	129	65	516	54.2	272	146	117	73	14.9%
District of Columbia	265	39.4	128	92	43	58	401	58.9	253	187	34	65	51.3%
Florida	10,578	52.2	2,938	1,676	2,983	2,888	12,561	60.9	4,417	2,622	3,239	3,095	18.7%
Georgia	4,344	42.5	1,222	801	1,471	741	4,701	45.6	1,336	856	1,628	807	8.2%
Hawaii	536	37.4	143	50	105	143	577	40.4	175	66	135	155	7.6%
Idaho	746	45.1	169	72	243	173	849	50.4	189	96	271	236	13.8%
Illinois	4,850	37.7	1,703	1,273	1,108	1,047	5,508	43.0	2,282	1,816	1,177	1,092	13.6%
Indiana	3,258	49.2	1,151	477	854	467	3,496	52.7	1,412	713	846	482	7.3%
Iowa	1,537	49.2	286	148	352	555	1,608	51.3	289	161	431	567	4.6%
Kansas	1,475	50.7	291	129	398	449	1,444	49.7	272	119	432	419	-2.1%
Kentucky	2,962	66.9	1,200	820	831	348	3,194	72.0	1,356	930	874	361	7.8%
Louisiana	2,578	55.2	804	276	805	341	2,710	57.9	934	327	835	318	5.1%
Maine	802	60.3	266	221	151	198	909	68.3	324	284	176	227	13.3%
Maryland	1,903	31.7	397	271	518	620	2,271	37.7	621	463	568	701	19.3%
Massachusetts	3,229	47.5	1,663	1,510	393	731	3,831	56.2	2,185	1,931	464	716	18.6%
Michigan	4,647	46.8	1,696	1,186	880	956	5,313	53.5	2,056	1,587	986	964	14.3%
Minnesota	2,574	46.9	548	294	476	1,089	2,697	48.9	650	362	477	1,137	4.8%
Mississippi	1,814	60.6	323	138	769	278	1,803	60.3	334	164	785	287	-0.6%
Missouri	3,309	54.4	933	617	932	751	3,625	59.5	1,227	848	1,004	758	9.5%
Montana	637	61.7	99	33	220	171	626	60.0	102	35	199	166	-1.7%
Nebraska	799	42.1	124	51	268	217	772	40.5	122	40	216	224	-3.4%
Nevada	1,340	46.4	540	350	365	244	1,395	47.4	568	338	359	255	4.1%
New Hampshire	815	61.3	385	358	106	239	924	69.2	448	414	132	232	13.4%
New Jersey	3,218	35.9	1,405	812	591	511	3,839	42.9	2,014	1,356	628	532	19.3%
New Mexico	1,430	68.6	480	313	342	402	1,487	71.5	501	317	417	360	4.0%
New York	6,515	32.9	2,539	1,936	1,189	1,468	7,354	37.2	3,412	2,752	1,145	1,541	12.9%
North Carolina	4,991	49.7	1,432	1,059	1,518	1,176	5,476	54.0	1,811	1,399	1,541	1,228	9.7%
North Dakota	368	48.6	62	32	137	95	371	48.9	73	47	126	91	0.8%
Ohio	6,756	58.2	3,171	2,592	1,257	1,308	7,999	68.9	4,156	3,495	1,324	1,492	18.4%
Oklahoma	2,422	61.9	677	396	673	616	2,592	66.1	779	411	720	614	7.0%
Oregon	1,999	49.6	408	250	501	730	2,105	51.4	455	250	525	719	5.3%
Pennsylvania	7,324	57.2	3,070	1,268	1,296	1,711	8,410	65.8	4,402	2,112	1,283	1,619	14.8%
Rhode Island	649	61.4	307	242	55	184	675	63.9	332	268	58	202	4.0%
South Carolina	2,737	55.9	713	509	985	430	3,012	60.7	844	578	1,074	480	10.0%
South Dakota	469	54.6	57	22	143	179	505	58.4	69	35	137	188	7.7%
Tennessee	3,873	58.7	1,326	947	988	682	4,238	63.7	1,528	1,103	1,099	720	9.4%
Texas	9,976	36.3	2,458	1,186	3,722	1,854	10,536	37.8	2,649	1,259	4,022	1,901	5.6%
Utah	1,223	40.8	465	328	282	196	1,211	39.7	494	353	285	209	-1.0%
Vermont	346	55.3	86	73	54	145	372	59.6	104	88	67	148	7.5%
Virginia	3,429	40.9	945	745	791	854	3,710	44.1	1,336	1,063	834	848	8.2%
Washington	3,192	44.5	959	605	641	953	3,221	44.2	1,001	621	620	1,016	0.9%
West Virginia	1,516	82.2	675	575	304	318	1,705	93.1	848	690	299	321	12.5%
Wisconsin	3,206	55.6	785	566	611	1,341	3,575	61.9	1,009	795	655	1,491	11.5%
Wyoming	400	68.2	95	43	134	88	371	63.4	95	46	106	90	-7.3%

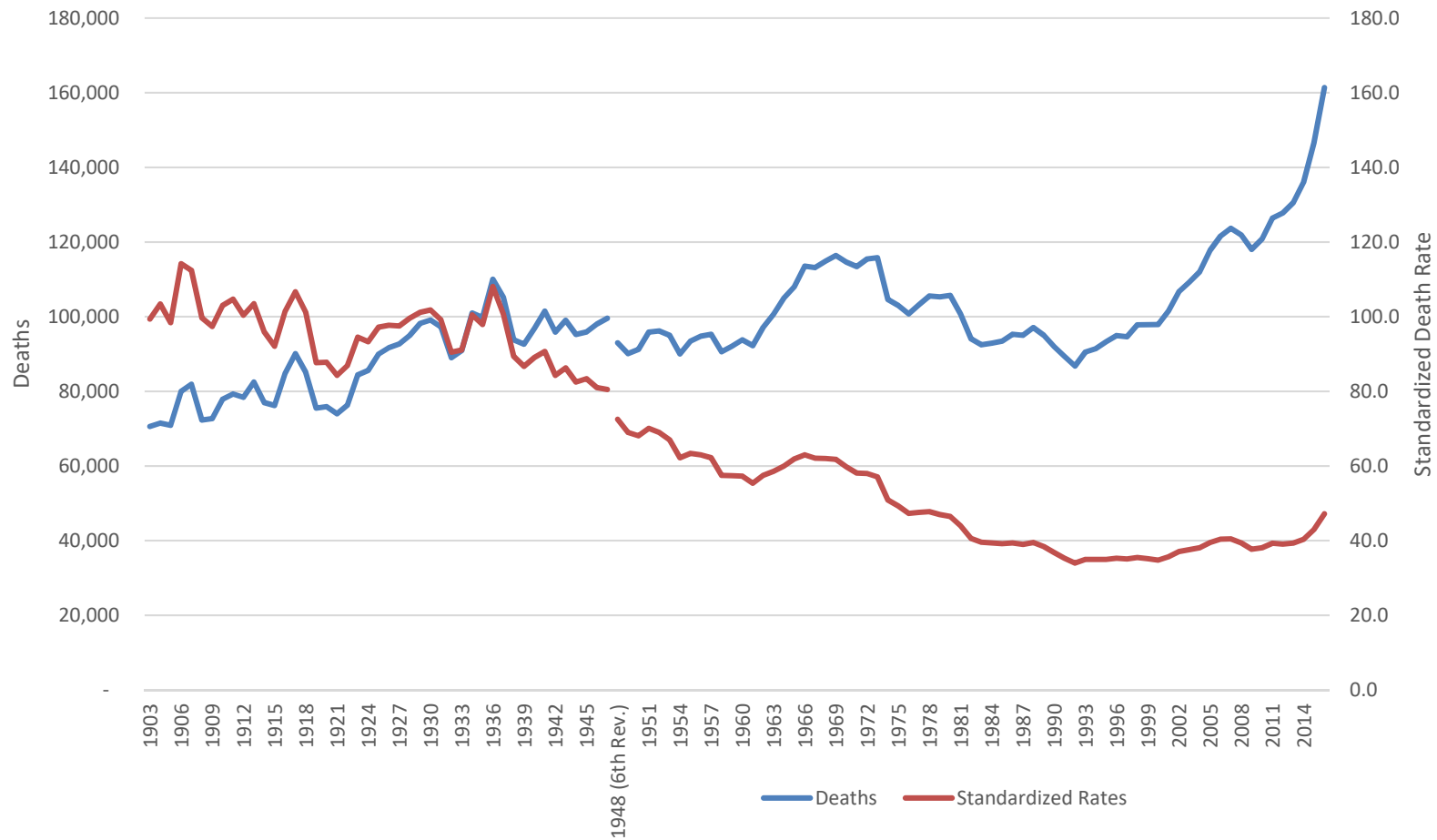
¹ Preventable deaths and injuries – what some refer to as accidents while others use the technical term unintentional incident – do not include natural causes of death like illnesses or intentional events like homicides or suicides.

² Deaths per 100,000 population

³ Opioids encompass both prescription and illegal painkillers and include: heroin, natural and synthetic opioids (such as oxycodone, morphine, and hydrocodone), methadone, and other synthetic opioids (such as fentanyl, fentanyl analogs, and tramadol).

Source: NSC analysis of NCHS mortality data: <https://wonder.cdc.gov/mcd.html>

Preventable-injury-related deaths^a and standardized death rate^b, 1903-2016



^a Preventable deaths— what some refer to as accidents while others use the technical term unintentional incident – do not include natural causes of death like illnesses or intentional events like homicides or suicides.

^b Death rate adjusted to the year 2000 standard population to remove the influence of changes in age distribution between 1903 and 2016.

Note: break in lines represents a change in death classifications in 1948 from ICD 5th revision to ICD 6th revision making comparison between these two years inappropriate.

Source: 1903-1932 based on National Center for Health Statistics (NCHS) death registration states; 1933-1947 (5th Rev.), 1948-1963, 1965-2016 are NCHS totals for the United States. 1964 is a NSC estimate.

Preventable-injury-related deaths^a and standardized death rate^b, 1903-2016, United States

	Deaths	Death rate per 100,000 population	Standardized Rates	One year % change in number of deaths	Two year % change in number of deaths
1903	70,600	87.2	99.4		
1904	71,500	86.6	103.4	1.27%	
1905	70,900	84.2	98.4	-0.84%	0.42%
1906	80,000	93.2	114.2	12.83%	11.89%
1907	81,900	93.6	112.4	2.38%	15.51%
1908	72,300	81.2	99.7	-11.72%	-9.63%
1909	72,700	80.1	97.4	0.55%	-11.23%
1910	77,900	84.4	103.0	7.15%	7.75%
1911	79,300	84.7	104.7	1.80%	9.08%
1912	78,400	82.5	100.4	-1.13%	0.64%
1913	82,500	85.5	103.5	5.23%	4.04%
1914	77,000	78.6	95.9	-6.67%	-1.79%
1915	76,200	76.7	92.1	-1.04%	-7.64%
1916	84,800	84.1	101.4	11.29%	10.13%
1917	90,100	88.2	106.7	6.25%	18.24%
1918	85,100	82.1	101.2	-5.55%	0.35%
1919	75,500	71.9	87.7	-11.28%	-16.20%
1920	75,900	71.2	87.8	0.53%	-10.81%
1921	74,000	68.4	84.3	-2.50%	-1.99%
1922	76,300	69.4	86.9	3.11%	0.53%
1923	84,400	75.7	94.5	10.62%	14.05%
1924	85,600	75.6	93.3	1.42%	12.19%
1925	90,000	78.4	97.2	5.14%	6.64%
1926	91,700	78.7	97.7	1.89%	7.13%
1927	92,700	78.4	97.5	1.09%	3.00%
1928	95,000	79.3	99.6	2.48%	3.60%
1929	98,200	80.8	101.2	3.37%	5.93%
1930	99,100	80.5	101.8	0.92%	4.32%
1931	97,300	78.5	99.2	-1.82%	-0.92%
1932	89,000	71.3	90.5	-8.53%	-10.19%
1933	90,932	72.4	91.1	2.17%	-6.54%
1934	100,977	79.9	100.5	11.05%	13.46%
1935	99,773	78.4	97.9	-1.19%	9.72%
1936	110,052	85.9	108.1	10.30%	8.99%
1937	105,205	81.7	100.7	-4.40%	5.44%
1938	93,805	72.3	89.4	-10.84%	-14.76%
1939	92,623	70.8	86.7	-1.26%	-11.96%
1940	96,885	73.4	89.1	4.60%	3.28%
1941	101,513	76.3	90.7	4.78%	9.60%
1942	95,889	71.6	84.3	-5.54%	-1.03%
1943	99,038	73.8	86.3	3.28%	-2.44%
1944	95,237	71.7	82.5	-3.84%	-0.68%
1945	95,918	72.4	83.4	0.72%	-3.15%
1946	98,033	70.0	81.0	2.21%	2.94%
1947 (5th Rev.)	99,579	69.4	80.5	1.58%	3.82%
1948 (6th Rev.)	93,000	63.7	72.5	-6.61%	-5.13%
1949	90,106	60.6	69.0	-3.11%	-9.51%
1950	91,249	60.3	68.1	1.27%	-1.88%
1951	95,871	62.5	70.1	5.07%	6.40%
1952	96,172	61.8	69.0	0.31%	5.40%
1953	95,032	60.1	67.0	-1.19%	-0.88%
1954	90,032	55.9	62.2	-5.26%	-6.38%
1955	93,443	56.9	63.4	3.79%	-1.67%
1956	94,780	56.6	63.0	1.43%	5.27%
1957	95,307	55.9	62.2	0.56%	1.99%
1958	90,604	52.3	57.5	-4.93%	-4.41%
1959	92,080	52.2	57.4	1.63%	-3.39%
1960	93,806	52.1	57.3	1.87%	3.53%
1961	92,249	50.4	55.4	-1.66%	0.18%
1962	97,139	52.3	57.5	5.30%	3.55%
1963	100,669	53.4	58.6	3.63%	9.13%
1964	105,000	54.9	60.0	4.30%	8.09%

	Deaths	Death rate per 100,000 population	Standardized Rates	One year % change in number of deaths	Two year % change in number of deaths
1965	108,004	55.8	61.9	2.86%	7.29%
1966	113,563	58.1	63.0	5.15%	8.16%
1967	113,169	57.3	62.1	-0.35%	4.78%
1968	114,864	57.6	62.0	1.50%	1.15%
1969	116,385	57.8	61.8	1.32%	2.84%
1970	114,638	56.2	59.8	-1.50%	-0.20%
1971	113,439	54.8	58.1	-1.05%	-2.53%
1972	115,448	55.2	58.0	1.77%	0.71%
1973	115,821	54.8	57.1	0.32%	2.10%
1974	104,622	49.0	50.9	-9.67%	-9.38%
1975	103,030	47.8	49.3	-1.52%	-11.04%
1976	100,761	46.3	47.3	-2.20%	-3.69%
1977	103,202	47.0	47.6	2.42%	0.17%
1978	105,561	47.5	47.8	2.29%	4.76%
1979	105,312	46.9	47.0	-0.24%	2.04%
1980	105,718	46.5	46.5	0.39%	0.15%
1981	100,704	43.9	44.0	-4.74%	-4.38%
1982	94,082	40.6	40.6	-6.58%	-11.01%
1983	92,488	39.6	39.6	-1.69%	-8.16%
1984	92,911	39.4	39.4	0.46%	-1.24%
1985	93,457	39.3	39.2	0.59%	1.05%
1986	95,277	39.7	39.4	1.95%	2.55%
1987	95,020	39.2	39.0	-0.27%	1.67%
1988	97,100	39.7	39.5	2.19%	1.91%
1989	95,027	38.5	38.4	-2.13%	0.01%
1990	91,983	36.9	36.8	-3.20%	-5.27%
1991	89,347	35.4	35.3	-2.87%	-5.98%
1992	86,777	34.0	34.0	-2.88%	-5.66%
1993	90,523	35.1	35.0	4.32%	1.32%
1994	91,437	35.1	35.0	1.01%	5.37%
1995	93,320	35.5	35.0	2.06%	3.09%
1996	94,948	35.8	35.3	1.74%	3.84%
1997	94,644	35.7	35.1	-0.32%	1.42%
1998	97,835	36.2	35.5	3.37%	3.04%
1999	97,860	35.9	35.2	0.03%	3.40%
2000	97,900	35.6	34.8	0.04%	0.07%
2001	101,537	35.6	35.7	3.72%	3.76%
2002	106,742	37.1	37.1	5.13%	9.03%
2003	109,277	37.6	37.6	2.37%	7.62%
2004	112,012	38.1	38.1	2.50%	4.94%
2005	117,809	39.7	39.5	5.18%	7.81%
2006	121,599	40.8	40.4	3.22%	8.56%
2007	123,706	41.1	40.5	1.73%	5.01%
2008	121,902	40.0	39.4	-1.46%	0.25%
2009	118,046	38.5	37.7	-3.16%	-4.58%
2010	120,859	39.0	38.1	2.38%	-0.86%
2011	126,438	40.6	39.3	4.62%	7.11%
2012	127,792	40.7	39.1	1.07%	5.74%
2013	130,557	41.3	39.4	2.16%	3.26%
2014	136,053	42.7	40.4	4.21%	6.46%
2015	146,571	45.6	43.0	7.73%	12.27%
2016	161,374	49.9	47.2	10.10%	18.61%

^a Preventable deaths— what some refer to as accidents while others use the technical term unintentional incident – do not include natural causes of death like illnesses or intentional events like homicides or

^b Death rate adjusted to the year 2000 standard population to remove the influence of changes in age distribution between 1903 and 2016.

Source: 1903-1932 based on National Center for Health Statistics (NCHS) death registration states; 1933-1947 (5th Rev.), 1948-1963, 1965-2016 are NCHS totals for the United States. 1964 is a NSC estimate.

Motor-Vehicle Deaths by State, 2015-2016

State	MV Deaths		Change
	2015	2016	
Total U.S.	37,757	40,327	6.8%
Alabama	962	1,158	20.4%
Alaska	74	97	31.1%
Arizona	920	993	7.9%
Arkansas	593	634	6.9%
California	3,721	4,155	11.7%
Colorado	587	635	8.2%
Connecticut	286	305	6.6%
Delaware	129	117	-9.3%
Dist. of Columbia	43	34	-20.9%
Florida	2,983	3,239	8.6%
Georgia	1,471	1,628	10.7%
Hawaii	105	135	28.6%
Idaho	243	271	11.5%
Illinois	1,108	1,177	6.2%
Indiana	854	846	-0.9%
Iowa	352	431	22.4%
Kansas	398	432	8.5%
Kentucky	831	874	5.2%
Louisiana	805	835	3.7%
Maine	151	176	16.6%
Maryland	518	568	9.7%
Massachusetts	393	464	18.1%
Michigan	880	986	12.0%
Minnesota	476	477	0.2%
Mississippi	769	785	2.1%
Missouri	932	1,004	7.7%
Montana	220	199	-9.5%
Nebraska	268	216	-19.4%
Nevada	365	359	-1.6%
New Hampshire	106	132	24.5%
New Jersey	591	628	6.3%
New Mexico	342	417	21.9%
New York	1,189	1,145	-3.7%
North Carolina	1,518	1,541	1.5%
North Dakota	137	126	-8.0%
Ohio	1,257	1,324	5.3%
Oklahoma	673	720	7.0%
Oregon	501	525	4.8%
Pennsylvania	1,296	1,283	-1.0%
Rhode Island	55	58	5.5%
South Carolina	985	1,074	9.0%

South Dakota	143	137	-4.2%
Tennessee	988	1,099	11.2%
Texas	3,722	4,022	8.1%
Utah	282	285	1.1%
Vermont	54	67	24.1%
Virginia	791	834	5.4%
Washington	641	620	-3.3%
West Virginia	304	299	-1.6%
Wisconsin	611	655	7.2%
Wyoming	134	106	-20.9%

*Source: NCHS Mortality data via WISQARS (2015)
and WONDER (2016).*