

Traffic Safety Facts

2016 Data

August 2018 (Revised)

DOT HS 812 581



Key Findings

- Traffic fatalities increased by 6 percent from 2015 to 2016 (35,485 to 37,461) for the United States.
- The fatality rate per 100 million vehicle miles traveled (VMT) was 1.18 for the United States in 2016, but ranged from a high of 1.86 to a low of 0.63 among States.
- Thirty-nine States showed increases in traffic fatalities from 2015 to 2016, accounting for an additional 2,295 fatalities.
- Since 1975, the first year that the Fatality Analysis Reporting System (FARS) began collecting data, the rate of traffic fatalities per 100 million VMT has decreased by 65 percent (3.35 to 1.18).
- From 2007 to 2016 South Dakota had the largest increase in the percentage of alcohol-impaired-driving fatalities at 30 percent, while Mississippi had the greatest decrease at 47 percent.
- In 2016, 75 percent of the passenger vehicle occupants killed in District of Columbia were known to be unrestrained, the highest in the country.
- In 13 States 70 percent or more of motorcyclists killed were known to be unhelmeted at the time of the crashes in 2016.



U.S. Department of Transportation
National Highway Traffic Safety Administration

1200 New Jersey Avenue SE.
Washington, DC 20590

2016 State Traffic Data

In this fact sheet, the 2016 State Traffic Data is presented in the following order:

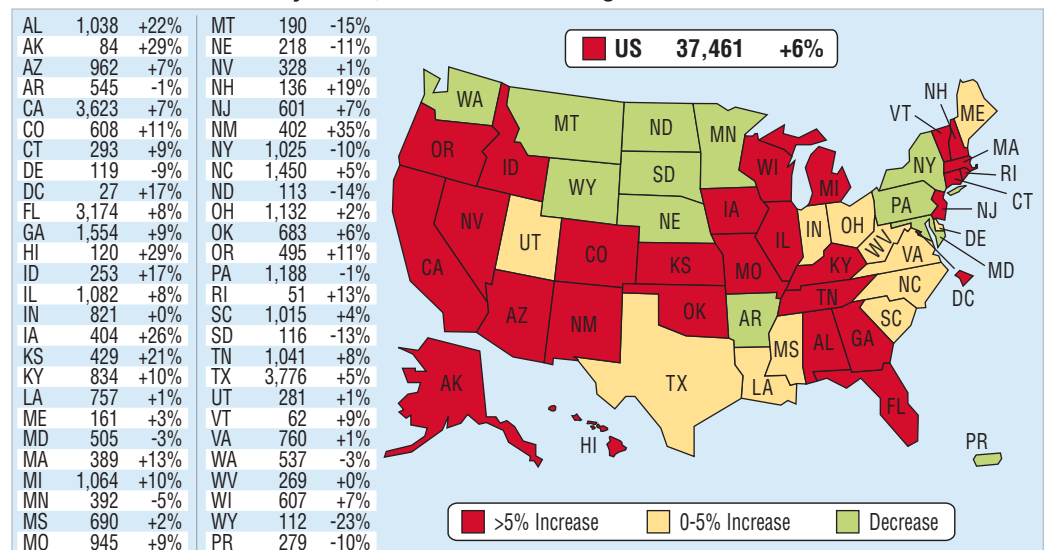
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Overview

In 2016 there were 37,461 fatalities in the United States (50 States and the District of Columbia, excluding Puerto Rico), an increase of 6 percent from 2015 (35,485). Figure 1 shows the 2016 traffic fatalities and the percent change from 2015 for each State, the District of Columbia, and Puerto Rico. New Mexico, Alaska, and Hawaii had the greatest fatality increases from 2015 to 2016 at 35 percent, 29 percent, and 29 percent, respectively, while Wyoming and Montana had the greatest decreases at 23 percent and 15 percent, respectively.

Figure 1

2016 Traffic Fatalities by State, and Percent Change From 2015



NOTE: Puerto Rico is not included in the U.S. National Total.

Source: Fatality Analysis Reporting System (FARS) 2015 Final File and 2016 Annual Report File (ARF).

State Traffic Fatality Tables

Table 1 shows traffic fatalities and the fatality rates based on population, licensed drivers, registered vehicles, and VMT for 2016.

- The fatality rate per 100 million VMT was 1.18 for the United States in 2016, but ranged from a high of 1.86 to a low of 0.63 among States.
- In 2016 South Carolina had the highest fatality rate per 100 million VMT (1.86), while Massachusetts had the lowest (0.63).
- In 2016 for the United States, the rate per 100,000 population was 11.59, the rate per 100,000 licensed drivers was 16.90, and the rate per 100,000 registered vehicles was 13.01.
- In 2016 Mississippi had the highest fatality rate per 100,000 population (23.09) in the United States, while the District of Columbia had the lowest (3.96).

Table 2 compares previous years of traffic fatalities from 1975 to 2016.

- Thirty-nine States showed an increase in traffic fatalities between 2015 and 2016. They accounted for an additional 2,295 fatalities from 2015 to 2016.
- Five States have decreased traffic fatalities by more than half since 1975, the first year FARS data collection began.

Table 3 compares traffic fatality rates from 1975 to 2016, based on 100 million VMT.

- Since 1975, the first year that FARS data was collected, the rate of traffic fatalities in the United States has decreased 65 percent (3.35 to 1.18).
- The greatest rate decrease in a State since 1975 was in Vermont. Its fatality rate has decreased by 81 percent (4.32 to 0.84).

Table 4 compares the alcohol involvement in fatal traffic crashes for 2007 and 2016.

- In 2016 alcohol-impaired driving (blood alcohol concentration [BAC]=.08+ grams per deciliter [g/dL]) was involved in 28 percent of traffic fatalities in the United States, which was down from 32 percent in 2007.
- From 2007 to 2016 South Dakota had the largest increase in the percentage of alcohol-impaired fatalities at 30 percent (30% to 39%), while Mississippi had the greatest decrease at 47 percent (36% to 19%).

- In 2016, 61 percent of drivers killed were tested for alcohol and their results were known in the United States, while only 23 percent of drivers who survived fatal crashes were tested with known results.

Table 5 shows speeding-related traffic fatalities and the roadway function class for 2016.

- There were 10,111 speeding-related fatalities in the United States in 2016.
- In the United States, Texas had the largest number of speeding-related fatalities (1,069), while the District of Columbia had the fewest (16).
- Almost four out of five (8,343) speeding-related fatalities in 2016 occurred on non-interstates.

Table 6 shows restraint use for passenger vehicle occupants killed in 2016.

- In 2016 almost half (48%) of the passenger vehicle occupants killed in the United States were known to be unrestrained.
- In 2016, 75 percent of the passenger vehicle occupants killed in the District of Columbia were known to be unrestrained, the highest percentage in the country.

Table 7 shows motorcyclists killed and their helmet use in 2016.

- In 2016, 41 percent of motorcyclists killed in the United States were known to be unhelmeted.
- In 13 States 70 percent or more of motorcyclists killed were known to be unhelmeted in 2016. Two of these 13 States (Illinois and Iowa) do not have laws that require helmet use for any age motorcyclist. The other 11 States only have partial helmet-use laws.

Table 8 shows the percentage of traffic fatalities by the person type for 2016. The table also shows the percentage of traffic fatalities by vehicle type for 2016.

- The majority of people killed in the United States in 2016 traffic crashes were drivers (50%), followed by passengers (17%), motorcyclists (14%), pedestrians (16%), and pedalcyclists (2%).
- In 2016 passenger vehicles and light trucks accounted for more than three-fourths (40% and 38%, respectively) of the vehicles involved in fatal motor vehicle traffic crashes.

Table 1
Traffic Fatalities and Fatality Rates, by State, 2016

State	Traffic Fatalities	Population (thousands)	Licensed Drivers (thousands)	Registered Vehicles (thousands)	Vehicle Miles Traveled (millions)	Fatality Rates per			
						100,000 Population	100,000 Licensed Drivers	100,000 Registered Vehicles	100 Million Vehicle Miles Traveled
Alabama	1,038	4,863	3,943	5,468	69,227	21.34	26.32	18.98	1.50
Alaska	84	742	535	795	5,259	11.32	15.71	10.57	1.60
Arizona	962	6,931	5,082	5,787	65,786	13.88	18.93	16.62	1.46
Arkansas	545	2,988	2,391	2,808	35,755	18.24	22.79	19.41	1.52
California	3,623	39,250	26,199	30,221	340,115	9.23	13.83	11.99	1.07
Colorado	608	5,541	4,067	5,116	52,152	10.97	14.95	11.88	1.17
Connecticut	293	3,576	2,611	2,842	31,639	8.19	11.22	10.31	0.93
Delaware	119	952	756	1,004	10,178	12.50	15.73	11.85	1.17
District of Columbia	27	681	490	337	3,622	3.96	5.51	8.01	0.75
Florida	3,174	20,612	14,675	16,600	215,551	15.40	21.63	19.12	1.47
Georgia	1,554	10,310	6,976	8,240	122,802	15.07	22.28	18.86	1.27
Hawaii	120	1,429	932	1,232	10,635	8.40	12.88	9.74	1.13
Idaho	253	1,683	1,161	1,842	17,199	15.03	21.79	13.73	1.47
Illinois	1,082	12,802	8,515	10,277	107,314	8.45	12.71	10.53	1.01
Indiana	821	6,633	4,553	6,141	83,183	12.38	18.03	13.37	0.99
Iowa	404	3,135	2,246	3,676	33,337	12.89	17.99	10.99	1.21
Kansas	429	2,907	2,030	2,650	32,103	14.76	21.13	16.19	1.34
Kentucky	834	4,437	3,031	4,225	49,313	18.80	27.51	19.74	1.69
Louisiana	757	4,682	3,395	3,905	49,156	16.17	22.30	19.39	1.54
Maine	161	1,331	1,021	1,108	14,838	12.09	15.76	14.53	1.09
Maryland	505	6,016	4,265	4,179	59,137	8.39	11.84	12.08	0.85
Massachusetts	389	6,812	5,041	5,070	61,825	5.71	7.72	7.67	0.63
Michigan	1,064	9,928	7,075	8,333	99,433	10.72	15.04	12.77	1.07
Minnesota	392	5,520	3,378	5,358	59,029	7.10	11.60	7.32	0.66
Mississippi	690	2,989	2,019	2,067	40,755	23.09	34.18	33.38	1.69
Missouri	945	6,093	4,250	5,685	74,019	15.51	22.24	16.62	1.28
Montana	190	1,043	797	1,795	12,599	18.23	23.84	10.59	1.51
Nebraska	218	1,907	1,404	1,952	20,700	11.43	15.52	11.17	1.05
Nevada	328	2,940	1,872	2,399	26,788	11.16	17.52	13.67	1.22
New Hampshire	136	1,335	1,096	1,323	13,513	10.19	12.41	10.28	1.01
New Jersey	601	8,944	6,238	5,941	77,093	6.72	9.63	10.12	0.78
New Mexico	402	2,081	1,522	1,824	27,886	19.32	26.42	22.04	1.44
New York	1,025	19,745	11,948	11,122	122,930	5.19	8.58	9.22	0.83
North Carolina	1,450	10,147	7,267	8,271	116,749	14.29	19.95	17.53	1.24
North Dakota	113	758	556	895	9,739	14.91	20.33	12.63	1.16
Ohio	1,132	11,614	7,975	10,686	118,608	9.75	14.19	10.59	0.95
Oklahoma	683	3,924	2,498	3,737	49,013	17.41	27.34	18.27	1.39
Oregon	495	4,093	2,856	3,812	36,719	12.09	17.33	12.99	1.35
Pennsylvania	1,188	12,784	8,997	10,749	101,362	9.29	13.20	11.05	1.17
Rhode Island	51	1,056	753	876	7,927	4.83	6.77	5.82	0.64
South Carolina	1,015	4,961	3,747	4,324	54,553	20.46	27.09	23.47	1.86
South Dakota	116	865	623	1,246	9,507	13.40	18.63	9.31	1.22
Tennessee	1,041	6,651	5,198	5,710	76,884	15.65	20.03	18.23	1.35
Texas	3,776	27,863	15,880	21,766	271,263	13.55	23.78	17.35	1.39
Utah	281	3,051	1,960	2,317	31,449	9.21	14.33	12.13	0.89
Vermont	62	625	554	616	7,382	9.93	11.20	10.07	0.84
Virginia	760	8,412	5,912	7,301	84,463	9.03	12.86	10.41	0.90
Washington	537	7,288	5,636	7,048	61,018	7.37	9.53	7.62	0.88
West Virginia	269	1,831	1,159	1,705	19,539	14.69	23.20	15.78	1.38
Wisconsin	607	5,779	4,207	5,564	64,046	10.50	14.43	10.91	0.95
Wyoming	112	586	421	855	9,323	19.13	26.60	13.10	1.20
U.S. Total	37,461	323,128	221,712	288,034	3,174,408	11.59	16.90	13.01	1.18
Puerto Rico	279	3,411	0	2,647	14,564	8.18	0	10.54	1.92

Sources: Fatalities—FARS 2016 ARF; Licensed Drivers (estimated)—Federal Highway Administration (FHWA); Registered Vehicles by State (estimated)—FHWA; Registered Vehicles for USA—R.L. Polk & Co. and FHWA; Population—Bureau of the Census; Vehicle Miles Traveled—FHWA.

Note: Licensed driver data not available for Puerto Rico.

Table 2
Traffic Fatalities and Percentage Change, by State, 1975–2016

State	Fatalities				Percent Change		
	1975	2007	2015	2016	1975–2016	2007–2016	2015–2016
Alabama	902	1,110	850	1,038	+15%	-6%	+22%
Alaska	112	82	65	84	-25%	+2%	+29%
Arizona	670	1,071	897	962	+44%	-10%	+7%
Arkansas	559	649	550	545	-3%	-16%	-1%
California	4,092	3,995	3,387	3,623	-11%	-9%	+7%
Colorado	581	554	547	608	+5%	+10%	+11%
Connecticut	389	296	270	293	-25%	-1%	+9%
Delaware	122	117	131	119	-2%	+2%	-9%
District of Columbia	70	44	23	27	-61%	-39%	+17%
Florida	1,998	3,213	2,938	3,174	+59%	-1%	+8%
Georgia	1,360	1,641	1,432	1,554	+14%	-5%	+9%
Hawaii	144	138	93	120	-17%	-13%	+29%
Idaho	281	252	216	253	-10%	+0%	+17%
Illinois	2,041	1,248	998	1,082	-47%	-13%	+8%
Indiana	1,128	898	817	821	-27%	-9%	+0%
Iowa	670	446	320	404	-40%	-9%	+26%
Kansas	509	416	355	429	-16%	+3%	+21%
Kentucky	863	864	761	834	-3%	-3%	+10%
Louisiana	934	993	752	757	-19%	-24%	+1%
Maine	223	183	156	161	-28%	-12%	+3%
Maryland	670	614	520	505	-25%	-18%	-3%
Massachusetts	864	434	345	389	-55%	-10%	+13%
Michigan	1,779	1,087	967	1,064	-40%	-2%	+10%
Minnesota	754	510	411	392	-48%	-23%	-5%
Mississippi	546	884	677	690	+26%	-22%	+2%
Missouri	1,045	992	870	945	-10%	-5%	+9%
Montana	291	277	224	190	-35%	-31%	-15%
Nebraska	369	256	246	218	-41%	-15%	-11%
Nevada	218	373	326	328	+50%	-12%	+1%
New Hampshire	151	129	114	136	-10%	+5%	+19%
New Jersey	1,043	724	561	601	-42%	-17%	+7%
New Mexico	555	413	298	402	-28%	-3%	+35%
New York	2,366	1,332	1,136	1,025	-57%	-23%	-10%
North Carolina	1,506	1,676	1,379	1,450	-4%	-13%	+5%
North Dakota	167	111	131	113	-32%	+2%	-14%
Ohio	1,766	1,255	1,110	1,132	-36%	-10%	+2%
Oklahoma	757	766	645	683	-10%	-11%	+6%
Oregon	562	455	446	495	-12%	+9%	+11%
Pennsylvania	2,078	1,491	1,200	1,188	-43%	-20%	-1%
Rhode Island	110	69	45	51	-54%	-26%	+13%
South Carolina	820	1,077	979	1,015	+24%	-6%	+4%
South Dakota	195	146	134	116	-41%	-21%	-13%
Tennessee	1,126	1,211	962	1,041	-8%	-14%	+8%
Texas	3,372	3,466	3,582	3,776	+12%	+9%	+5%
Utah	272	299	278	281	+3%	-6%	+1%
Vermont	143	66	57	62	-57%	-6%	+9%
Virginia	993	1,027	754	760	-23%	-26%	+1%
Washington	758	571	551	537	-29%	-6%	-3%
West Virginia	461	432	268	269	-42%	-38%	+0%
Wisconsin	930	756	566	607	-35%	-20%	+7%
Wyoming	210	150	145	112	-47%	-25%	-23%
U.S. Total	44,525	41,259	35,485	37,461	-16%	-9%	+6%
Puerto Rico	496	452	310	279	-44%	-38%	-10%

Source: FARS 1975–2015 Final File, 2016 ARF.

Table 3
Traffic Fatality Rates and Percentage Change, by State, 1975–2016

State	Fatality Rate per 100 Million VMT				Percent Change		
	1975	2007	2015	2016	1975–2016	2007–2016	2015–2016
Alabama	3.63	1.81	1.26	1.50	-59%	-17%	+19%
Alaska	4.38	1.59	1.29	1.60	-63%	+1%	+24%
Arizona	4.19	1.70	1.38	1.46	-65%	-14%	+6%
Arkansas	4.01	1.96	1.58	1.52	-62%	-22%	-4%
California	3.09	1.22	1.01	1.07	-65%	-12%	+6%
Colorado	3.50	1.14	1.08	1.17	-67%	+3%	+8%
Connecticut	2.13	0.92	0.85	0.93	-56%	+1%	+9%
Delaware	3.37	1.23	1.32	1.17	-65%	-5%	-11%
District of Columbia	2.27	1.22	0.65	0.75	-67%	-39%	+15%
Florida	3.24	1.56	1.42	1.47	-55%	-6%	+4%
Georgia	3.46	1.46	1.21	1.27	-63%	-13%	+5%
Hawaii	3.47	1.33	0.90	1.13	-67%	-15%	+26%
Idaho	4.78	1.60	1.30	1.47	-69%	-8%	+13%
Illinois	3.56	1.16	0.95	1.01	-72%	-13%	+6%
Indiana	3.02	1.23	1.04	0.99	-67%	-20%	-5%
Iowa	3.75	1.43	0.96	1.21	-68%	-15%	+26%
Kansas	3.29	1.38	1.13	1.34	-59%	-3%	+19%
Kentucky	3.50	1.80	1.56	1.69	-52%	-6%	+8%
Louisiana	4.60	2.19	1.56	1.54	-67%	-30%	-1%
Maine	3.14	1.22	1.07	1.09	-65%	-11%	+2%
Maryland	2.66	1.09	0.90	0.85	-68%	-22%	-6%
Massachusetts	2.75	0.79	0.58	0.63	-77%	-20%	+9%
Michigan	3.06	1.04	0.99	1.07	-65%	+3%	+8%
Minnesota	2.94	0.89	0.72	0.66	-78%	-26%	-8%
Mississippi	3.80	2.04	1.70	1.69	-56%	-17%	-1%
Missouri	3.41	1.43	1.21	1.28	-62%	-10%	+6%
Montana	5.08	2.45	1.81	1.51	-70%	-38%	-17%
Nebraska	3.29	1.32	1.22	1.05	-68%	-20%	-14%
Nevada	4.74	1.68	1.26	1.22	-74%	-27%	-3%
New Hampshire	2.85	0.96	0.87	1.01	-65%	+5%	+16%
New Jersey	2.15	0.95	0.74	0.78	-64%	-18%	+5%
New Mexico	5.59	1.54	1.09	1.44	-74%	-6%	+32%
New York	3.63	0.97	0.89	0.83	-77%	-14%	-7%
North Carolina	4.14	1.62	1.23	1.24	-70%	-23%	+1%
North Dakota	3.71	1.42	1.31	1.16	-69%	-18%	-11%
Ohio	2.75	1.13	0.98	0.95	-65%	-16%	-3%
Oklahoma	3.33	1.61	1.35	1.39	-58%	-14%	+3%
Oregon	3.53	1.31	1.24	1.35	-62%	+3%	+9%
Pennsylvania	3.26	1.37	1.19	1.17	-64%	-15%	-2%
Rhode Island	1.94	0.80	0.57	0.64	-67%	-20%	+12%
South Carolina	3.98	2.11	1.89	1.86	-53%	-12%	-2%
South Dakota	3.76	1.62	1.44	1.22	-68%	-25%	-15%
Tennessee	3.42	1.70	1.25	1.35	-61%	-21%	+8%
Texas	3.99	1.42	1.39	1.39	-65%	-2%	0%
Utah	3.42	1.11	0.94	0.89	-74%	-20%	-5%
Vermont	4.32	0.86	0.78	0.84	-81%	-2%	+8%
Virginia	2.87	1.25	0.91	0.90	-69%	-28%	-1%
Washington	3.16	1.00	0.92	0.88	-72%	-12%	-4%
West Virginia	4.36	2.10	1.35	1.38	-68%	-34%	+2%
Wisconsin	3.25	1.27	0.91	0.95	-71%	-25%	+4%
Wyoming	5.36	1.60	1.51	1.20	-78%	-25%	-21%
U.S. Total	3.35	1.36	1.15	1.18	-65%	-13%	+3%
Puerto Rico	7.27	2.35	2.13	1.92	-74%	-18%	-10%

Source: FARS 1975–2015 Final File, 2016 ARF; Vehicle Miles Traveled – FHWA.

Table 4
Alcohol Involvement in Fatal Traffic Crashes, by State, 2007 and 2016

State	Percentage of Fatalities by Highest Driver BAC in the Crash						Percentage of Drivers Involved in Fatal Crashes Tested for BAC With Known Results in 2016	
	BAC .01+ g/dL			BAC .08+ g/dL			Killed	Survived
	2007	2016	Percent Change	2007	2016	Percent Change		
Alabama	40%	31%	-23%	34%	27%	-21%	2%	6%
Alaska	40%	44%	+10%	30%	36%	+20%	92%	62%
Arizona	38%	30%	-21%	32%	24%	-25%	74%	19%
Arkansas	35%	28%	-20%	28%	21%	-25%	72%	64%
California	35%	34%	-3%	28%	29%	+4%	36%	16%
Colorado	36%	32%	-11%	30%	27%	-10%	85%	16%
Connecticut	44%	42%	-5%	37%	34%	-8%	76%	14%
Delaware	49%	36%	-27%	41%	31%	-24%	81%	26%
District of Columbia	42%	51%	+21%	37%	38%	+3%	69%	41%
Florida	35%	31%	-11%	29%	26%	-10%	51%	14%
Georgia	32%	28%	-13%	27%	24%	-11%	62%	23%
Hawaii	47%	33%	-30%	32%	28%	-13%	71%	27%
Idaho	35%	35%	0%	28%	30%	+7%	58%	30%
Illinois	41%	35%	-15%	35%	29%	-17%	67%	27%
Indiana	29%	29%	0%	25%	26%	+4%	31%	49%
Iowa	31%	31%	0%	24%	26%	+8%	53%	25%
Kansas	33%	25%	-24%	26%	22%	-15%	30%	39%
Kentucky	29%	26%	-10%	25%	21%	-16%	77%	43%
Louisiana	45%	35%	-22%	38%	30%	-21%	80%	63%
Maine	41%	41%	0%	36%	33%	-8%	56%	30%
Maryland	37%	31%	-16%	29%	26%	-10%	74%	8%
Massachusetts	44%	40%	-9%	36%	31%	-14%	81%	0%
Michigan	35%	28%	-20%	28%	22%	-21%	54%	41%
Minnesota	38%	30%	-21%	34%	24%	-29%	80%	24%
Mississippi	41%	24%	-41%	36%	19%	-47%	51%	17%
Missouri	40%	32%	-20%	34%	26%	-24%	78%	64%
Montana	45%	50%	+11%	38%	45%	+18%	83%	74%
Nebraska	38%	38%	0%	30%	29%	-3%	84%	72%
Nevada	39%	35%	-10%	32%	31%	-3%	84%	32%
New Hampshire	34%	36%	+6%	26%	30%	+15%	87%	65%
New Jersey	35%	29%	-17%	28%	23%	-18%	80%	25%
New Mexico	37%	37%	0%	32%	29%	-9%	80%	18%
New York	35%	32%	-9%	28%	28%	0%	67%	7%
North Carolina	35%	33%	-6%	30%	24%	-20%	71%	6%
North Dakota	52%	49%	-6%	48%	45%	-6%	82%	37%
Ohio	38%	35%	-8%	31%	29%	-6%	83%	28%
Oklahoma	32%	29%	-9%	29%	26%	-10%	92%	47%
Oregon	39%	35%	-10%	33%	31%	-6%	76%	27%
Pennsylvania	39%	31%	-21%	34%	28%	-18%	48%	14%
Rhode Island	41%	44%	+7%	32%	37%	+16%	96%	21%
South Carolina	49%	39%	-20%	43%	33%	-23%	79%	7%
South Dakota	36%	47%	+31%	30%	39%	+30%	86%	88%
Tennessee	37%	27%	-27%	31%	21%	-32%	62%	41%
Texas	44%	44%	0%	38%	38%	0%	46%	12%
Utah	22%	21%	-5%	19%	19%	0%	77%	42%
Vermont	39%	50%	+28%	34%	43%	+26%	74%	56%
Virginia	36%	33%	-8%	29%	29%	0%	89%	1%
Washington	40%	35%	-13%	34%	30%	-12%	88%	30%
West Virginia	38%	30%	-21%	32%	25%	-22%	90%	4%
Wisconsin	49%	40%	-18%	42%	32%	-24%	73%	39%
Wyoming	37%	31%	-16%	33%	29%	-12%	47%	26%
U.S. Total	38%	33%	-13%	32%	28%	-13%	61%	23%
Puerto Rico	40%	42%	+5%	31%	33%	+6%	99%	66%

Source: FARS 2007 Final File, 2016 ARF.

Table 5

Speeding-Related Traffic Fatalities, by Roadway Function Class and State, 2016

State	Total Traffic Fatalities	Speeding-Related Fatalities by Roadway Function Class							
		Total	Interstate Rural	Interstate Urban	Non-Interstate Freeway and Expressway	Non-Interstate Other Principal Arterial	Non-Interstate Minor Arterial	Non-Interstate Collector	Non-Interstate Local
Alabama	1,038	317	13	15	0	67	68	83	58
Alaska	84	36	4	2	0	6	7	10	7
Arizona	962	311	41	16	30	72	54	47	51
Arkansas	545	117	1	7	0	30	25	26	28
California	3,623	1,056	49	116	205	254	188	152	54
Colorado	608	211	14	18	5	64	47	42	21
Connecticut	293	79	1	9	4	15	23	13	13
Delaware	119	39	0	1	0	11	4	18	5
District of Columbia	27	16	0	2	0	0	0	0	14
Florida	3,174	310	3	11	11	132	34	78	38
Georgia	1,554	266	9	24	6	51	71	50	55
Hawaii	120	54	0	3	0	38	12	1	0
Idaho	253	54	13	3	1	11	5	11	6
Illinois	1,082	418	26	51	4	101	86	76	74
Indiana	821	213	12	18	4	39	41	63	36
Iowa	404	95	12	6	0	23	27	15	12
Kansas	429	106	9	5	2	36	14	8	32
Kentucky	834	138	4	7	3	25	15	57	27
Louisiana	757	173	13	13	0	29	27	57	33
Maine	161	56	0	0	0	9	12	17	18
Maryland	505	127	5	21	7	35	18	19	22
Massachusetts	389	105	1	20	7	25	33	4	15
Michigan	1,064	245	8	29	12	43	50	53	48
Minnesota	392	92	1	6	5	23	22	19	16
Mississippi	690	81	7	0	0	13	13	36	12
Missouri	945	328	7	16	12	64	64	82	83
Montana	190	61	7	0	0	18	4	18	14
Nebraska	218	36	2	2	0	8	8	1	15
Nevada	328	125	12	5	6	31	27	25	14
New Hampshire	136	77	5	7	0	21	12	16	16
New Jersey	601	130	0	3	19	36	32	16	23
New Mexico	402	145	11	9	3	53	20	25	23
New York	1,025	314	21	12	17	87	36	30	111
North Carolina	1,450	566	23	40	4	316	28	35	120
North Dakota	113	25	1	0	0	11	2	1	10
Ohio	1,132	257	7	27	8	29	53	81	50
Oklahoma	683	183	8	14	10	40	21	53	37
Oregon	495	142	5	7	0	46	25	45	14
Pennsylvania	1,188	505	30	27	11	115	105	102	107
Rhode Island	51	23	0	4	3	9	0	2	5
South Carolina	1,015	381	40	16	10	80	157	28	50
South Dakota	116	37	3	1	0	5	5	18	5
Tennessee	1,041	183	12	17	1	37	42	43	31
Texas	3,776	1,069	47	124	69	199	133	167	0
Utah	281	72	8	10	0	17	11	12	13
Vermont	62	29	2	0	0	4	6	9	8
Virginia	760	257	19	29	8	36	50	66	30
Washington	537	154	8	7	8	27	31	47	22
West Virginia	269	60	5	6	1	13	11	18	5
Wisconsin	607	212	9	2	4	51	48	51	46
Wyoming	112	25	6	1	0	8	3	2	5
U.S. Total	37,461	10,111	544	789	500	2,513	1,830	1,948	1,552
Puerto Rico	279	97	12	5	0	29	24	22	5

Source: FARS 2016 ARF.

Note: The total column for speeding-related fatalities includes fatalities that occurred on roads for which the function class was unknown.

Table 6
Passenger Vehicle Occupant Fatalities, by Restraint Use and State, 2016

State	Restraint Use						Total		Percent "Known" Restrained	Percent "Known" Unrestrained
	Restrained		Unrestrained		Unknown					
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Alabama	288	38%	412	54%	60	8%	760	100%	41%	59%
Alaska	17	29%	37	64%	4	7%	58	100%	31%	69%
Arizona	199	39%	241	48%	67	13%	507	100%	45%	55%
Arkansas	166	42%	194	49%	33	8%	393	100%	46%	54%
California	1,211	62%	586	30%	145	7%	1,942	100%	67%	33%
Colorado	166	46%	186	51%	10	3%	362	100%	47%	53%
Connecticut	73	43%	62	37%	34	20%	169	100%	54%	46%
Delaware	36	49%	31	42%	6	8%	73	100%	54%	46%
District of Columbia	2	17%	6	50%	4	33%	12	100%	25%	75%
Florida	890	52%	745	44%	65	4%	1,700	100%	54%	46%
Georgia	483	46%	476	45%	91	9%	1,050	100%	50%	50%
Hawaii	22	35%	22	35%	19	30%	63	100%	50%	50%
Idaho	68	35%	114	59%	10	5%	192	100%	37%	63%
Illinois	358	51%	268	38%	78	11%	704	100%	57%	43%
Indiana	256	44%	251	43%	71	12%	578	100%	50%	50%
Iowa	154	52%	111	38%	29	10%	294	100%	58%	42%
Kansas	142	46%	150	48%	20	6%	312	100%	49%	51%
Kentucky	271	46%	318	54%	0	0%	589	100%	46%	54%
Louisiana	212	44%	225	46%	50	10%	487	100%	49%	51%
Maine	57	47%	61	50%	3	2%	121	100%	48%	52%
Maryland	151	52%	113	39%	26	9%	290	100%	57%	43%
Massachusetts	73	30%	106	44%	63	26%	242	100%	41%	59%
Michigan	356	54%	198	30%	110	17%	664	100%	64%	36%
Minnesota	146	58%	72	29%	33	13%	251	100%	67%	33%
Mississippi	247	45%	300	55%	1	0%	548	100%	45%	55%
Missouri	234	35%	384	58%	48	7%	666	100%	38%	62%
Montana	47	32%	94	64%	5	3%	146	100%	33%	67%
Nebraska	61	36%	86	51%	21	13%	168	100%	41%	59%
Nevada	68	45%	71	47%	13	9%	152	100%	49%	51%
New Hampshire	25	26%	69	72%	2	2%	96	100%	27%	73%
New Jersey	179	53%	148	44%	10	3%	337	100%	55%	45%
New Mexico	119	44%	136	51%	13	5%	268	100%	47%	53%
New York	290	56%	152	29%	74	14%	516	100%	66%	34%
North Carolina	525	53%	432	43%	42	4%	999	100%	55%	45%
North Dakota	21	27%	48	62%	8	10%	77	100%	30%	70%
Ohio	327	44%	355	47%	67	9%	749	100%	48%	52%
Oklahoma	200	43%	224	48%	43	9%	467	100%	47%	53%
Oregon	192	56%	76	22%	72	21%	340	100%	72%	28%
Pennsylvania	249	33%	401	53%	107	14%	757	100%	38%	62%
Rhode Island	14	47%	15	50%	1	3%	30	100%	48%	52%
South Carolina	286	45%	315	50%	32	5%	633	100%	48%	52%
South Dakota	20	25%	58	72%	3	4%	81	100%	26%	74%
Tennessee	349	47%	336	46%	51	7%	736	100%	51%	49%
Texas	1,238	52%	929	39%	215	9%	2,382	100%	57%	43%
Utah	83	48%	77	44%	14	8%	174	100%	52%	48%
Vermont	24	53%	20	44%	1	2%	45	100%	55%	45%
Virginia	216	42%	296	58%	2	0%	514	100%	42%	58%
Washington	173	52%	109	33%	50	15%	332	100%	61%	39%
West Virginia	73	39%	80	43%	33	18%	186	100%	48%	52%
Wisconsin	204	47%	184	43%	43	10%	431	100%	53%	47%
Wyoming	21	30%	48	68%	2	3%	71	100%	30%	70%
U.S. Total	11,282	48%	10,428	44%	2,004	8%	23,714	100%	52%	48%
Puerto Rico	48	37%	82	63%	0	0%	130	100%	37%	63%

Source: FARS 2016 ARF.

Table 7
Motorcyclist Fatalities, by Helmet Use and State, 2016

State	Helmet Use						Total		Percent "Known" Helmeted	Percent "Known" Unhelmeted
	Helmeted		Unhelmeted		Unknown					
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Alabama	93	90%	10	10%	0	0%	103	100%	90%	10%
Alaska	4	67%	2	33%	0	0%	6	100%	67%	33%
Arizona	53	36%	86	59%	7	5%	146	100%	38%	62%
Arkansas	23	29%	57	71%	0	0%	80	100%	29%	71%
California	511	93%	25	5%	12	2%	548	100%	95%	5%
Colorado	42	34%	82	66%	1	1%	125	100%	34%	66%
Connecticut	14	27%	36	69%	2	4%	52	100%	28%	72%
Delaware	9	64%	4	29%	1	7%	14	100%	69%	31%
District of Columbia	5	83%	0	0%	1	17%	6	100%	100%	0%
Florida	288	49%	283	48%	15	3%	586	100%	50%	50%
Georgia	154	90%	9	5%	9	5%	172	100%	94%	6%
Hawaii	9	38%	15	63%	0	0%	24	100%	38%	63%
Idaho	7	32%	14	64%	1	5%	22	100%	33%	67%
Illinois	38	25%	116	75%	1	1%	155	100%	25%	75%
Indiana	24	24%	72	71%	5	5%	101	100%	25%	75%
Iowa	13	22%	47	78%	0	0%	60	100%	22%	78%
Kansas	21	40%	30	58%	1	2%	52	100%	41%	59%
Kentucky	35	32%	76	68%	0	0%	111	100%	32%	68%
Louisiana	80	85%	11	12%	3	3%	94	100%	88%	12%
Maine	6	33%	12	67%	0	0%	18	100%	33%	67%
Maryland	63	84%	11	15%	1	1%	75	100%	85%	15%
Massachusetts	38	90%	2	5%	2	5%	42	100%	95%	5%
Michigan	63	41%	78	51%	11	7%	152	100%	45%	55%
Minnesota	17	30%	36	64%	3	5%	56	100%	32%	68%
Mississippi	39	78%	7	14%	4	8%	50	100%	85%	15%
Missouri	108	85%	15	12%	4	3%	127	100%	88%	12%
Montana	5	29%	12	71%	0	0%	17	100%	29%	71%
Nebraska	9	45%	3	15%	8	40%	20	100%	75%	25%
Nevada	59	80%	12	16%	3	4%	74	100%	83%	17%
New Hampshire	11	58%	8	42%	0	0%	19	100%	58%	42%
New Jersey	63	89%	3	4%	5	7%	71	100%	95%	5%
New Mexico	25	53%	22	47%	0	0%	47	100%	53%	47%
New York	119	89%	9	7%	6	4%	134	100%	93%	7%
North Carolina	168	91%	14	8%	3	2%	185	100%	92%	8%
North Dakota	2	17%	10	83%	0	0%	12	100%	17%	83%
Ohio	53	27%	145	73%	1	1%	199	100%	27%	73%
Oklahoma	24	27%	64	73%	0	0%	88	100%	27%	73%
Oregon	46	85%	3	6%	5	9%	54	100%	94%	6%
Pennsylvania	87	46%	97	51%	7	4%	191	100%	47%	53%
Rhode Island	0	0%	4	100%	0	0%	4	100%	0%	100%
South Carolina	52	28%	133	72%	0	0%	185	100%	28%	72%
South Dakota	6	27%	15	68%	1	5%	22	100%	29%	71%
Tennessee	133	90%	13	9%	1	1%	147	100%	91%	9%
Texas	213	43%	265	54%	12	2%	490	100%	45%	55%
Utah	18	44%	21	51%	2	5%	41	100%	46%	54%
Vermont	9	82%	2	18%	0	0%	11	100%	82%	18%
Virginia	75	95%	4	5%	0	0%	79	100%	95%	5%
Washington	76	94%	3	4%	2	2%	81	100%	96%	4%
West Virginia	19	66%	10	34%	0	0%	29	100%	66%	34%
Wisconsin	17	20%	65	76%	3	4%	85	100%	21%	79%
Wyoming	8	33%	16	67%	0	0%	24	100%	33%	67%
U.S. Total	3,054	58%	2,089	40%	143	3%	5,286	100%	59%	41%
Puerto Rico	20	44%	25	56%	0	0%	45	100%	44%	56%

Source: FARS 2016 ARF.

Table 8

Traffic Fatalities and Vehicles Involved in Fatal Crashes, by Person Type and State, 2016

State	Total	Percent Who Were (by Person Type)*					Total	Percent That Were (by Vehicle Type)				
		Drivers	Passengers	Motorcyclists	Pedestrians	Pedal-cyclists		Passenger Cars	Light Trucks	Large Trucks	Motorcycles	Other/Unknown
Alabama	1,038	58%	21%	10%	11%	0%	1,357	38%	43%	9%	8%	2%
Alaska	84	54%	23%	7%	14%	1%	109	23%	59%	5%	6%	8%
Arizona	962	39%	21%	15%	20%	3%	1,326	36%	40%	6%	11%	7%
Arkansas	545	59%	17%	15%	8%	1%	752	32%	47%	9%	10%	2%
California	3,623	40%	15%	15%	24%	4%	5,072	47%	32%	6%	11%	4%
Colorado	608	45%	17%	21%	13%	3%	884	32%	41%	10%	15%	2%
Connecticut	293	49%	12%	18%	18%	2%	433	45%	32%	7%	13%	2%
Delaware	119	47%	14%	12%	23%	2%	171	42%	40%	5%	9%	3%
Dist of Columbia	27	37%	7%	22%	30%	4%	38	42%	29%	0%	16%	13%
Florida	3,174	40%	16%	18%	21%	4%	4,597	43%	34%	6%	13%	4%
Georgia	1,554	56%	16%	11%	15%	2%	2,162	40%	40%	8%	8%	4%
Hawaii	120	38%	16%	20%	24%	0%	155	41%	35%	3%	18%	3%
Idaho	253	58%	23%	9%	7%	2%	325	31%	47%	11%	7%	4%
Illinois	1,082	52%	17%	14%	14%	2%	1,569	41%	37%	9%	10%	2%
Indiana	821	57%	17%	12%	10%	2%	1,197	39%	39%	9%	9%	4%
Iowa	404	53%	23%	15%	5%	2%	546	35%	40%	11%	12%	3%
Kansas	429	61%	15%	12%	10%	1%	559	35%	43%	11%	9%	2%
Kentucky	834	57%	19%	13%	10%	1%	1,177	40%	39%	8%	10%	3%
Louisiana	757	51%	17%	12%	17%	3%	1,084	36%	43%	8%	9%	4%
Maine	161	59%	17%	11%	11%	2%	206	37%	45%	7%	10%	0%
Maryland	505	47%	14%	15%	21%	3%	746	44%	35%	8%	10%	3%
Massachusetts	389	50%	15%	11%	21%	3%	501	47%	34%	5%	9%	5%
Michigan	1,064	48%	18%	14%	15%	4%	1,536	40%	40%	7%	10%	3%
Minnesota	392	55%	14%	14%	15%	2%	571	37%	40%	9%	11%	3%
Mississippi	690	65%	18%	7%	8%	1%	923	41%	42%	9%	5%	3%
Missouri	945	58%	17%	13%	10%	1%	1,294	40%	38%	8%	10%	4%
Montana	190	61%	23%	9%	6%	2%	213	26%	51%	9%	8%	5%
Nebraska	218	64%	17%	9%	6%	0%	304	33%	44%	15%	7%	2%
Nevada	328	35%	15%	23%	24%	2%	465	38%	35%	6%	17%	4%
New Hampshire	136	57%	15%	14%	13%	1%	174	48%	37%	3%	11%	1%
New Jersey	601	44%	14%	12%	27%	3%	833	50%	31%	7%	9%	3%
New Mexico	402	44%	24%	12%	18%	1%	506	35%	45%	8%	10%	2%
New York	1,025	40%	13%	13%	30%	4%	1,372	41%	37%	8%	10%	4%
North Carolina	1,450	55%	17%	13%	14%	1%	2,023	43%	38%	8%	9%	3%
North Dakota	113	58%	20%	11%	6%	3%	139	27%	51%	10%	9%	3%
Ohio	1,132	52%	17%	18%	12%	2%	1,640	43%	35%	8%	12%	2%
Oklahoma	683	56%	17%	13%	13%	1%	934	28%	46%	13%	10%	2%
Oregon	495	55%	18%	11%	15%	2%	665	40%	42%	8%	8%	2%
Pennsylvania	1,188	51%	17%	16%	14%	1%	1,698	42%	33%	10%	11%	3%
Rhode Island	51	45%	16%	8%	27%	4%	66	53%	36%	3%	6%	2%
South Carolina	1,015	50%	15%	18%	14%	2%	1,402	40%	38%	7%	13%	2%
South Dakota	116	56%	20%	19%	5%	0%	139	22%	51%	4%	17%	5%
Tennessee	1,041	57%	18%	14%	9%	1%	1,467	41%	38%	8%	10%	3%
Texas	3,776	48%	19%	13%	18%	2%	5,297	36%	42%	10%	9%	3%
Utah	281	46%	24%	15%	12%	2%	402	37%	42%	5%	10%	5%
Vermont	62	53%	21%	18%	6%	2%	77	39%	34%	9%	16%	3%
Virginia	760	56%	16%	10%	16%	1%	1,046	43%	38%	9%	8%	2%
Washington	537	46%	19%	15%	16%	3%	765	39%	40%	7%	11%	2%
West Virginia	269	63%	15%	11%	9%	0%	363	30%	47%	8%	8%	7%
Wisconsin	607	55%	21%	14%	8%	2%	799	38%	40%	8%	11%	4%
Wyoming	112	46%	25%	21%	4%	1%	152	14%	49%	18%	16%	2%
U.S. Total	37,461	50%	17%	14%	16%	2%	52,231	40%	38%	8%	10%	3%
Puerto Rico	279	40%	8%	16%	32%	3%	347	48%	28%	4%	14%	6%

**Other/Unknown* person types are not shown.

Source: FARS 2016 ARF.

Restraint Use and Motorcycle Helmet Use Laws

Restraint Use Laws

The first mandatory belt use law was enacted in the State of New York in 1984. Adult belt use laws are in effect in 49 States, the District of Columbia, and Puerto Rico. The laws differ from State to State, according to the type and age of the vehicle, occupant age and seating position, etc. The goal of these laws is to promote belt use and thereby reduce deaths and injuries in motor vehicle crashes.

In 2016 there were 34 States, the District of Columbia, and Puerto Rico that had primary seat belt laws in effect, enabling law enforcement officers to stop vehicles and write citations when they observed violations of the seat belt law. In 15 States the laws specified secondary enforcement, meaning that law enforcement officers were permitted to write citations only after a vehicle was stopped for some other traffic infraction. New Hampshire is the only State without a seat belt law for adults, although it does have a primary child passenger safety law that covers all drivers and passengers under age 18.

The first mandatory child restraint use law was implemented in Tennessee in 1978. Since 1985, all 50 States and the District of Columbia have had child restraint use laws in effect. Child restraint use laws differ from State to State in terms of the ages of children covered and in other important ways, including height and weight limits, seating position requirements, and various exemptions and exceptions.

The most current information on seat belt laws and child passenger safety laws is available on the website of the Governors Highway Safety Association (GHSA) at www.ghsa.org:

- Seat belt laws—www.ghsa.org/html/stateinfo/laws/seatbelt_laws.html
- Child passenger safety laws—www.ghsa.org/html/stateinfo/laws/childsafety_laws.html

In 2016 seat belt use rates in the United States ranged from 70.2 percent in New Hampshire to 97.2 percent in Georgia. Nineteen States,

the District of Columbia, and Puerto Rico achieved belt use rates of 90 percent or higher. These results are from probability-based observational surveys conducted by 50 States, the District of Columbia, and U.S. Territories. The nationwide seat belt use rate in 2016 was 90.1 percent, as measured by NHTSA's National Occupant Protection Use Survey (NOPUS), the national probability-based survey that is independent from State belt use surveys. Observed seat belt use rates for the States and the Nation in 2016 can be found in *Seat Belt Use in 2016—Use Rates in the States and Territories*, DOT HS 812 417, <https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/812417>.

Motorcycle Helmet Use Laws

In 2016 there were 19 States, the District of Columbia, and Puerto Rico that required helmet use by all motorcyclists. In 28 States helmet use was required for only a subset of motorcyclists (typically, motorcyclists under age 18), and 3 States (Illinois, Iowa, and New Hampshire) do not require helmet use for motorcyclists of any age. The most current information on helmet use laws is available on the GHSA website at www.ghsa.org/html/stateinfo/laws/helmet_laws.html.

According to results from NOPUS, the overall rate of DOT-compliant motorcycle helmet use in the United States was 65.3 percent in 2016. Helmet use continued to be significantly higher in States that required all motorcyclists to be helmeted than in other States. Information on motorcycle helmet use in 2016 can be found in *Motorcycle Helmet Use in 2016—Overall Results*, DOT HS 812 378, <https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/812378>.

This fact sheet contains information on motor vehicle fatalities and fatal crashes based on data from FARS, a census of fatal crashes within the 50 States, the District of Columbia, and Puerto Rico (although Puerto Rico is not included in U.S. totals).

The suggested APA format citation for this document is:

National Center for Statistics and Analysis. (2018, August, revised) *State traffic data: 2016 data* (Traffic Safety Facts. Report No. DOT HS 812 581). Washington, DC: National Highway Traffic Safety Administration.

For More Information:

Information on traffic fatalities is available from the National Center for Statistics and Analysis (NCSA), NSA-230, 1200 New Jersey Avenue SE., Washington, DC 20590. NCSA can be contacted at 800-934-8517 or by e-mail at ncsaweb@dot.gov. General information on highway traffic safety can be found at www.nhtsa.gov/NCSA. To report a safety-related problem or to inquire about motor vehicle safety information, contact the Vehicle Safety Hotline at 888-327-4236.

Other fact sheets available from the National Center for Statistics and Analysis are *Alcohol-Impaired Driving*, *Bicyclists and Other Cyclists*, *Children*, *Large Trucks*, *Motorcycles*, *Occupant Protection*, *Older Population*, *Passenger Vehicles*, *Pedestrians*, *Rural/Urban Comparison*, *School-Transportation-Related Crashes*, *Speeding*, *State Alcohol Estimates*, *Summary of Motor Vehicle Crashes*, and *Young Drivers*. Detailed data on motor vehicle traffic crashes are published annually in *Traffic Safety Facts: A Compilation of Motor Vehicle Crash Data from the Fatality Analysis Reporting System and the General Estimates System*. The fact sheets and annual Traffic Safety Facts report can be found at <https://crashstats.nhtsa.dot.gov>.



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