

DOT HS 813 509

September 2023

# 2021 State Traffic Data

# In this fact sheet for 2021 the information is presented as follows.

- <u>Overview</u>
- <u>State Traffic Fatality Tables</u>
- <u>Table 1. Traffic Fatalities and</u> <u>Fatality Rates, by State, 2021</u>
- <u>Table 2. Traffic Fatalities and</u> <u>Percentage Change, by State,</u> <u>1975–2021</u>
- <u>Table 3. Traffic Fatality Rates per</u> <u>100 Million VMT and Percentage</u> <u>Change, by State, 1975–2021</u>
- <u>Table 4. Population and Vehicle</u> <u>Miles Traveled, by State, 2012</u> <u>and 2021</u>
- <u>Table 5. Registered Vehicles and</u> <u>Licensed Drivers, by State, 2012</u> and 2021
- <u>Table 6. Vehicles Involved in</u> <u>Fatal Crashes, by State and</u> <u>Vehicle Type, 2021</u>
- <u>Table 7. Traffic Fatalities, by</u> <u>State and Person Type, 2021</u>
- <u>Table 8. Passenger Vehicle\*</u> <u>Occupant Fatalities, by State and</u> <u>Restraint Use, 2021</u>
- <u>Table 9. Motorcyclist Fatalities,</u> by State and Helmet Use, 2021
- <u>Table 10. Percentage of 2012 and</u> <u>2021 Fatalities by Highest Driver</u> <u>BAC in Fatal Traffic Crashes and</u> <u>2021 Driver Alcohol Testing by</u> <u>Survival Status, by State</u>
- <u>Table 11. Speeding-Related</u> <u>Traffic Fatalities, by State and</u> <u>Roadway Function Class, 2021</u>
- <u>Restraint Use and Motorcycle</u> <u>Helmet Use Laws</u>

# **Key Findings**

- Traffic fatalities in the United States increased by 10 percent from 2020 to 2021 (39,007 to 42,939).
- The fatality rate per 100 million vehicle miles traveled (VMT) was 1.37 in 2021, ranging from a high of 2.08 to a low of 0.71 among States.
- The rate of traffic fatalities per 100 million VMT in the United States increased by 2 percent (1.34 to 1.37) from 2020 to 2021.
- Forty-three States, the District of Columbia, and Puerto Rico showed increases, while 7 States showed decreases in traffic fatalities from 2020 to 2021.
- The greatest decrease in fatality rate per 100 million VMT since 1975 was in Wyoming (-82%), followed by Alaska (-74%), Massachusetts (-74%), and Vermont (-74%).
- From 2012 to 2021 there was a 14-percent increase in the number of registered vehicles in the United States, a 10-percent increase in the number of licensed drivers, and a 6-percent increase in VMT and population.
- Connecticut had the highest percentage of passenger cars involved in fatal crashes (45%) in 2021, while Nebraska had the highest percentage involving large trucks (16%).
- The District of Columbia had the highest percentage of fatalities in 2021 traffic crashes who were pedestrians (44%), more than twice the national percentage (17%), while New Jersey had the second highest percentage (30%).
- Seventy-six percent of the passenger vehicle occupants killed in New Hampshire in 2021 were unrestrained (based on known restraint use), the highest percentage in the country.
- In States without universal helmet laws, 55 percent of motorcyclists killed in 2021 were not wearing helmets, compared to 9 percent in States with universal helmet laws.
- From 2012 to 2021 Oregon had the largest increase in percentage points of alcohol-impaired-driving fatalities at 10 percentage points (26% to 36%), while Mississippi had the greatest decrease at 13 percentage points (33% to 20%).

Due to a vehicle classification change, the 2020 and later-year vehicle type classifications are not comparable to 2019 and earlier-year vehicle type classifications. This change affects any analysis with a vehicle component to it. Refer to the end of this publication for more information on Product Information Catalog and Vehicle Listing (vPIC).

A motor vehicle traffic crash is defined as an incident that involved one or more motor vehicles in-transport that originated on or had a harmful event (injury or damage) on a public trafficway, such as a road or highway. Crashes that occurred on private property not regularly used by the public for transport, including some parts of parking lots and driveways, are excluded. The terms "motor vehicle traffic crash" and "traffic crash" are used interchangeably in this document.

# Overview

In 2021 there were 42,939 traffic fatalities in the United States (50 States and the District of Columbia, excluding Puerto Rico), an increase of 10 percent from 2020 (39,007). Figure 1 shows the percentage change in 2021 traffic fatalities from 2020 for each State, the District of Columbia, and Puerto Rico. Puerto Rico had the greatest percentage increase in traffic fatalities from 2020 to 2021 at 39 percent, followed by Idaho (27%) and Minnesota (24%), while Wyoming (-13%) had the greatest decrease, followed by Maine (-7%).

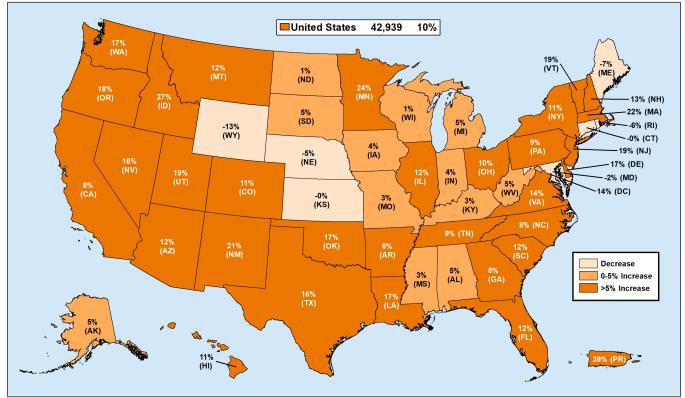


Figure 1. Percentage Change in 2021 Traffic Fatalities From 2020, by State

Source: FARS 2020 Final File, 2021 Annual Report File (ARF) Note: Puerto Rico is not included in the United States national total.

# **State Traffic Fatality Tables**

Table 1 shows traffic fatalities and the fatality rates based on population, licensed drivers, registered vehicles, and VMT for 2021.

- The fatality rate per 100 million VMT was 1.37 for the United States in 2021, ranging from a high of 2.08 (South Carolina) to a low of 0.71 (Massachusetts).
- The fatality rate per 100,000 population was 12.94 for the United States in 2021, ranging from a high of 26.17 (Mississippi) to a low of 5.75 (Rhode Island).
- The fatality rate per 100,000 licensed drivers was 18.45 for the United States in 2021, ranging from a high of 37.98 (Mississippi) to a low of 8.02 (District of Columbia).
- The fatality rate per 100,000 registered vehicles was 14.18 for the United States in 2021, ranging from a high of 32.36 (Mississippi) to a low of 7.61 (Hawaii).

Table 2 compares traffic fatalities for 1975, 2012, 2020, and 2021. FARS data was first collected in 1975.

- Forty-three States, the District of Columbia, and Puerto Rico showed increases, while 7 States showed decreases in traffic fatalities from 2020 to 2021.
- The greatest decrease in traffic fatalities since 1975 was Massachusetts (-52%), followed by New York (-51%), while the greatest increase was in Florida (87%).

Table 3 compares traffic fatality rates per 100 million VMT for 1975, 2012, 2020, and 2021.

- The rate of traffic fatalities per 100 million VMT in the United States has increased 2 percent (1.34 to 1.37) from 2020 to 2021.
- Since 1975 the rate of traffic fatalities per 100 million VMT in the United States has decreased 59 percent (3.35 to 1.37).
- The greatest decrease in fatality rate per 100 million VMT since 1975 was in Wyoming (-82%), followed by Alaska (-74%), Massachusetts (-74%), and Vermont (-74%).

Table 4 shows the changes in the population and VMT from 2012 and 2021.

- From 2012 to 2021 there was a 6-percent increase in the population of the United States.
- From 2012 to 2021 there was a 6-percent increase in the number of VMT in the United States.

Table 5 shows the changes in registered vehicles and licensed drivers from 2012 and 2021.

- From 2012 to 2021 there was a 14-percent increase in registered vehicles in the United States.
- From 2012 to 2021 there was a 10-percent increase in licensed drivers in the United States.

Table 6 shows the percentages of traffic fatalities by vehicle type for 2021.

- In 2021 passenger cars and light trucks accounted for more than three-fourths (76% cumulatively and 34% and 42%, respectively) of the vehicles involved in fatal traffic crashes.
- Connecticut had the highest percentage of passenger cars involved in fatal crashes (45%) in 2021, while Nebraska had the highest percentage involving large trucks (16%). A large truck is any vehicle with a gross vehicle weight rating (GVWR) greater than 10,000 pounds that may have been used for commercial or non-commercial purposes at the time of the crash.

Table 7 shows the percentage of traffic fatalities by the person type for 2021.

- Over half of the people killed in 2021 traffic crashes were drivers (51%), followed by pedestrians (17%), passengers (15%), motorcyclists (14%), and pedalcyclists (2%).
- Nebraska had the highest percentages of fatalities in 2021 traffic crashes who were drivers (65%), while Hawaii had the highest percentage of fatalities who were motorcyclists (35%).

- The District of Columbia had the highest percentage of fatalities in 2021 traffic crashes who were pedestrians (44%), more than twice the national percentage (17%), while New Jersey had the second highest percentage (30%).
- The top three States with the highest number of pedestrian fatalities (California, Florida, and Texas) account for over a third (37%) of all pedestrian fatalities.

Table 8 shows restraint use for passenger vehicle occupants killed in 2021. Passenger vehicles are passenger cars and light trucks (pickups, SUVs, vans, and other light trucks) with GVWRs of 10,000 pounds or less.

- In 2021 half (50%) of the passenger vehicle occupants killed in the United States were unrestrained (based on known restraint use).
- Seventy-six percent of the passenger vehicle occupants killed in New Hampshire in 2021 were unrestrained (based on known restraint use), the highest percentage in the country.

Table 9 shows motorcyclists killed and their helmet use in 2021.

- Forty percent of motorcyclists killed in traffic crashes the United States in 2021 were not helmeted, based on known helmet use.
- In States without universal helmet laws, 55 percent of motorcyclists killed in 2021 traffic crashes were not wearing helmets, as compared to 9 percent in States with universal helmet laws.

Table 10 compares the alcohol involvement in fatal traffic crashes for 2012 and 2021.

- In 2021 alcohol-impaired driving (blood alcohol concentration [BAC]=.08+ grams per deciliter [g/dL]) was involved in 31 percent of traffic fatalities in the United States, which was the same percentage in 2012.
- From 2012 to 2021 Oregon had the largest increase in percentage points of alcohol-impaired-driving fatalities at 10 percentage points (26% to 36%), while Mississippi had the greatest decrease at 13 percentage points (33% to 20%).
- Fifty-nine percent of drivers killed in 2021 in the United States were tested for alcohol and their BAC results were known, while only 21 percent of drivers who survived fatal crashes were tested with known BAC results.

Table 11 shows speeding-related traffic fatalities and the roadway function class for 2021.

- There were 12,330 speeding-related traffic fatalities in the United States in 2021.
- In the United States, Texas had the largest number of speeding-related traffic fatalities (1,568), while the District of Columbia had the fewest (19).
- More than 4 out of every 5 (10,628 or 86%) speeding-related traffic fatalities in 2021 occurred on noninterstates.

							Fatality Ra	ates per	
							100,000	100,000	100
	Traffic		Licensed	Registered	VMT	100,000		Registered	Million
State	Fatalities	Population	Drivers	Vehicles	(millions)	Population	Drivers	Vehicles	VMT
Alabama	983	5,039,877	4,061,837	5,463,966	71,892	19.50	24.20	17.99	1.37
Alaska	67	732,673	519,288	686,142	5,752	9.14	12.90	9.76	1.16
Arizona	1,180	7,276,316	5,795,216	6,064,542	73,760	16.22	20.36	19.46	1.60
Arkansas	693	3,025,891	2,306,921	3,555,142	38,427	22.90	30.04	19.49	1.80
California	4,285	39,237,836	27,112,595	31,349,073	310,823	10.92	15.80	13.67	1.38
Colorado	691	5,812,069	4,411,587	5,096,394	53,840	11.89	15.66	13.56	1.28
Connecticut	298	3,605,597	2,606,396	2,756,485	28,989	8.26	11.43	10.81	1.03
Delaware	136	1,003,384	848,504	472,175	10,152	13.55	16.03	28.80	1.34
District of Columbia	41	670,050	510,985	363,287	3,248	6.12	8.02	11.29	1.26
Florida	3,738	21,781,128	16,144,302	19,180,165	217,566	17.16	23.15	19.49	1.72
Georgia	1,797	10,799,566	7,663,847	9,142,656	120,685	16.64	23.45	19.66	1.49
Hawaii	94	1,441,553	917,464	1,235,473	9,972	6.52	10.25	7.61	0.94
Idaho	271	1,900,923	1,343,453	1,976,199	19,308	14.26	20.17	13.71	1.40
Illinois	1,334	12,671,469	8,364,843	11,003,729	97,530	10.53	15.95	12.12	1.37
Indiana	932	6,805,985	4,636,114	6,241,291	78,640	13.69	20.10	14.93	1.19
Iowa	356	3,193,079	2,345,355	3,839,312	33,039	11.15	15.18	9.27	1.08
Kansas	424	2,934,582	2,089,707	2,606,313	31,693	14.45	20.29	16.27	1.34
Kentucky	806	4,509,394	2,980,331	4,408,730	48,111	17.87	27.04	18.28	1.68
Louisiana	972	4,624,047	3,437,733	3,862,490	54,728	21.02	28.27	25.17	1.78
Maine	153	1,372,247	1,056,535	1,387,656	14,560	11.15	14.48	11.03	1.05
Maryland	561	6,165,129	4,439,757	4,910,674	56,601	9.10	12.64	11.42	0.99
Massachusetts	417	6,984,723	4,899,931	5,207,052	59,115	5.97	8.51	8.01	0.71
Michigan	1,136	10,050,811	7,982,471	9,556,452	96,744	11.30	14.23	11.89	1.17
Minnesota	488	5,707,390	4,143,272	5,511,960	57,171	8.55	11.78	8.85	0.85
Mississippi	772	2,949,965	2,032,775	2,385,768	40,853	26.17	37.98	32.36	1.89
Missouri	1,016	6,168,187	4,275,228	5,603,939	79,791	16.47	23.76	18.13	1.27
Montana	239	1,104,271	856,696	2,140,014	13,482	21.64	27.90	11.17	1.77
Nebraska	221	1,963,692	1,438,842	1,933,528	21,210	11.25	15.36	11.43	1.04
Nevada	385	3,143,991	2,150,707	2,676,143	27,077	12.25	17.90	14.39	1.42
New Hampshire	118	1,388,992	1,174,826	1,417,949	13,130	8.50	10.04	8.32	0.90
New Jersey	699	9,267,130	6,461,950	6,249,905	73,673	7.54	10.82	11.18	0.95
New Mexico	481	2,115,877	1,477,213	1,862,673	26,823	22.73	32.56	25.82	1.79
New York	1,157	19,835,913	11,879,057	9,408,796	106,870	5.83	9.74	12.30	1.08
North Carolina	1,663	10,551,162	7,765,109	8,707,506	117,734	15.76	21.42	19.10	1.41
North Dakota	101	774,948	549,721	925,186	9,256	13.03	18.37	10.92	1.09
Ohio	1,354	11,780,017	8,283,546	10,892,377	112,923	11.49	16.35	12.43	1.20
Oklahoma	762	3,986,639	2,597,441	3,353,167	44,760	19.11	29.34	22.72	1.70
Oregon	599	4,246,155	3,029,912	4,010,635	36,842	14.11	19.77	14.94	1.63
Pennsylvania	1,230	12,964,056	9,098,570	10,927,881	102,686	9.49	13.52	11.26	1.20
Rhode Island	63	1,095,610	754,507	801,654	7,526	5.75	8.35	7.86	0.84
South Carolina	1,198	5,190,705	3,990,909	5,091,679	57,492	23.08	30.02	23.53	2.08
South Dakota	148	895,376	671,149	1,433,044	9,994	16.53	22.05	10.33	1.48
Tennessee	1,327	6,975,218	5,009,697	6,712,722	82,596	19.02	26.49	19.77	1.61
Texas	4,498	29,527,941	18,297,900	23,012,990	285,028	15.23	24.58	19.55	1.58
Utah	328	3,337,975	2,207,208	2,838,505	33,638	9.83	14.86	11.56	0.98
Vermont	74	645,570	469,624	614,340	6,625	11.46	15.76	12.05	1.12
Virginia	973	8,642,274	5,912,644	7,652,036	80,102	11.26	16.46	12.72	1.21
Washington	670	7,738,692	5,868,509	7,966,147	57,797	8.66	11.42	8.41	1.16
West Virginia	280	1,782,959	1,138,290	1,219,024	16,079	15.70	24.60	22.97	1.74
Wisconsin	620	5,895,908	4,340,851	5,769,058	64,983	10.52	14.28	10.75	0.95
Wyoming	110	578,803	430,472	870,969	11,097	19.00	25.55	12.63	0.99
U.S. Total	42,939		232,781,797			12.94	18.45	14.18	1.37
Puerto Rico	337	3,263,584	*	**	13,869	10.33	*	**	2.43

Sources: Fatalities – FARS 2021 ARF; VMT and Licensed Drivers – Federal Highway Administration (FHWA); Registered Vehicles for States – FHWA; Registered Vehicles for USA – FHWA and Polk data from S&P Global Mobility, Copyright © R.L. Polk & Co.; Population – Census Bureau

Fopulation – Census Buleau

\*Licensed driver data not available

\*\*Registration data not available

## Table 2. Traffic Fatalities and Percentage Change, by State, 1975–2021

	Total Fatalities Percentage Change								
State	1975	2012	2020	2021	1975-2021	2012-2021	2020-2021		
Alabama	902	865	934	983	+9%	+14%	+5%		
Alaska	112	59	64	67	-40%	+14%	+5%		
Arizona	670	821	1,053	1,180	+76%	+44%	+12%		
Arkansas	559	560	651	693	+24%	+24%	+6%		
California	4,092	2,966	3,980	4,285	+5%	+44%	+8%		
Colorado	581	474	622	691	+19%	+46%	+11%		
Connecticut	389	264	299	298	-23%	+13%	-0%		
Delaware	122	114	116	136	+11%	+19%	+17%		
District of Columbia	70	15	36	41	-41%	173%	+14%		
Florida	1,998	2,431	3,329	3,738	+87%	+54%	+12%		
Georgia	1,360	1,192	1,658	1,797	+32%	+51%	+8%		
Hawaii	144	125	85	94	-35%	-25%	+11%		
Idaho	281	184	214	271	-4%	+47%	+27%		
Illinois	2,041	956	1,193	1,334	-35%	+40%	+12%		
Indiana	1,128	781	897	932	-17%	+19%	+4%		
lowa	670	365	343	356	-47%	-2%	+4%		
Kansas	509	405	426	424	-17%	+5%	-0%		
Kentucky	863	746	780	806	-7%	+8%	+3%		
Louisiana	934	723	828	972	+4%	+34%	+17%		
Maine	223	164	164	153	-31%	-7%	-7%		
Maryland	670	511	573	561	-16%	+10%	-2%		
Massachusetts	864	383	343	417	-52%	+9%	+22%		
Michigan	1,779	940	1,086	1,136	-36%	+21%	+5%		
Minnesota	754	395	394	488	-35%	+24%	+24%		
Mississippi	546	582	748	772	+41%	+33%	+3%		
Missouri	1,045	826	987	1,016	-3%	+23%	+3%		
Montana	291	205	213	239	-18%	+17%	+12%		
Nebraska	369	212	233	221	-40%	+4%	-5%		
Nevada	218	261	333	385	+77%	+48%	+16%		
New Hampshire	151	108	104	118	-22%	+9%	+13%		
New Jersey	1,043	589	586	699	-33%	+19%	+19%		
New Mexico	555	366	398	481	-13%	+31%	+21%		
New York	2,366	1,180	1,045	1,157	-51%	-2%	+11%		
North Carolina	1,506	1,299	1,538	1,663	+10%	+28%	+8%		
North Dakota	167	170	100	101	-40%	-41%	+1%		
Ohio	1,766	1,121	1,230	1,354	-23%	+21%	+10%		
Oklahoma	757	709	653	762	+1%	+7%	+17%		
Oregon	562	337	507	599	+7%	+78%	+18%		
Pennsylvania	2,078	1,310	1,129	1,230	-41%	-6%	+9%		
Rhode Island	110	64	67	63	-43%	-2%	-6%		
South Carolina	820	863	1,066	1,198	+46%	+39%	+12%		
South Dakota	195	133	141	148	-24%	+11%	+5%		
Tennessee	1,126	1,015	1,217	1,327	+18%	+31%	+9%		
Texas	3,372	3,408	3,876	4,498	+33%	+32%	+16%		
Utah	272	217	276	328	+21%	+51%	+19%		
Vermont	143	77	62	74	-48%	-4%	+19%		
Virginia	993	776	850	973	-2%	+25%	+14%		
Washington	758	438	574	670	-12%	+53%	+17%		
Washington West Virginia	461	339	267	280	-12 %	-17%	+17%		
Wisconsin	930	615	612	620	-39%	+1%	+3%		
Wyoming	210	123	127	110	-33%	-11%	-13%		
U.S. Total	44,525	33,782	39,007	42,939	-4%	+27%	+10%		

Source: FARS 1975-2020 Final File, 2021 ARF

	Fa	tality Rate per	<sup>•</sup> 100 Million VI	МТ	Pe	nge	
State	1975	2012	2020	2021	1975–2021	2012–2021	2020–2021
Alabama	3.63	1.33	1.38	1.37	-62%	+3%	-1%
Alaska	4.38	1.23	1.21	1.16	-74%	-6%	-4%
Arizona	4.19	1.37	1.60	1.60	-62%	+17%	0%
Arkansas	4.01	1.67	1.92	1.80	-55%	+8%	-6%
California	3.09	0.91	1.33	1.38	-55%	+52%	+4%
Colorado	3.50	1.01	1.28	1.28	-63%	+27%	0%
Connecticut	2.13	0.84	1.00	1.03	-52%	+23%	+3%
Delaware	3.37	1.24	1.39	1.34	-60%	+8%	-4%
District of Columbia	2.27	0.42	1.19	1.26	-44%	+200%	+6%
Florida	3.24	1.27	1.60	1.72	-47%	+35%	+8%
Georgia	3.46	1.11	1.43	1.49	-57%	+34%	+4%
Hawaii	3.47	1.24	0.97	0.94	-73%	-24%	-3%
Idaho	4.78	1.13	1.23	1.40	-71%	+24%	+14%
Illinois	3.56	0.91	1.27	1.37	-62%	+51%	+8%
Indiana	3.02	0.99	1.17	1.19	-61%	+20%	+2%
lowa	3.75	1.16	1.15	1.08	-71%	-7%	-6%
Kansas	3.29	1.32	1.53	1.34	-59%	+2%	-12%
Kentucky	3.50	1.58	1.68	1.68	-52%	+6%	0%
Louisiana	4.60	1.54	1.71	1.78	-61%	+16%	+4%
Maine	3.14	1.16	1.25	1.05	-67%	-9%	-16%
Maryland	2.66	0.90	1.13	0.99	-63%	+10%	-12%
Massachusetts	2.75	0.68	0.63	0.71	-74%	+4%	+13%
Michigan	3.06	0.99	1.25	1.17	-62%	+18%	-6%
Minnesota	2.94	0.69	0.76	0.85	-71%	+23%	+12%
Mississippi	3.80	1.51	1.89	1.89	-50%	+25%	0%
Missouri	3.41	1.21	1.36	1.27	-63%	+5%	-7%
Montana	5.08	1.72	1.76	1.77	-65%	+3%	+1%
Nebraska	3.29	1.10	1.20	1.04	-68%	-5%	-13%
Nevada	4.74	1.08	1.32	1.42	-70%	+31%	+8%
New Hampshire	2.85	0.84	0.87	0.90	-68%	+7%	+3%
New Jersey	2.15	0.79	0.88	0.95	-56%	+20%	+8%
New Mexico	5.59	1.43	1.68	1.79	-68%	+25%	+7%
New York	3.63	0.96	1.02	1.08	-70%	+13%	+6%
North Carolina	4.14	1.24	1.45	1.41	-66%	+14%	-3%
North Dakota	3.71	1.69	1.14	1.09	-71%	-36%	-4%
Ohio	2.75	0.99	1.19	1.20	-56%	+21%	+1%
Oklahoma	3.33	1.48	1.55	1.70	-49%	+15%	+10%
Oregon	3.53	1.02	1.57	1.63	-54%	+60%	+4%
Pennsylvania	3.26	1.32	1.28	1.20	-63%	-9%	-6%
Rhode Island	1.94	0.82	0.98	0.84	-57%	+2%	-14%
South Carolina	3.98	1.76	1.98	2.08	-48%	+18%	+5%
South Dakota	3.76	1.46	1.45	1.48	-61%	+1%	+2%
Tennessee	3.42	1.43	1.59	1.61	-53%	+13%	+1%
Texas	3.99	1.43	1.49	1.58	-60%	+10%	+6%
Utah	3.42	0.82	0.91	0.98	-71%	+20%	+8%
Vermont	4.32	1.07	1.03	1.12	-74%	+5%	+9%
Virginia	2.87	0.96	1.12	1.21	-58%	+26%	+8%
Washington	3.16	0.77	1.07	1.16	-63%	+51%	+8%
West Virginia	4.36	1.76	1.66	1.74	-60%	-1%	+5%
Wisconsin	3.25	1.04	1.06	0.95	-71%	-9%	-10%
Wyoming	5.36	1.33	1.30	0.99	-82%	-26%	-24%
U.S. Total	3.35	1.14	1.34	1.37	-59%	+20%	+2%
Puerto Rico	7.27	1.97	1.76	2.43	-67%	+23%	+38%

## Table 3. Traffic Fatality Rates per 100 Million VMT and Percentage Change, by State, 1975–2021

Sources: FARS 1975-2020 Final File, 2021 ARF; VMT - FHWA

## Table 4. Population and Vehicle Miles Traveled, by State, 2012 and 2021

			Population			VMT Percentage
01.1	2012	2021	Percentage Change	2012 VMT	2021 VMT	Change
State	Population	Population	(2012–2021)	(millions)	(millions)	(2012–2021)
Alabama	4,816,632	5,039,877	+5%	64,959	71,892	+11%
Alaska	730,810	732,673	+0%	4,792	5,752	+20%
Arizona	6,556,344	7,276,316	+11%	60,129	73,760	+23%
Arkansas	2,952,876	3,025,891	+2%	33,522	38,427	+15%
California	37,944,551	39,237,836	+3%	326,272	310,823	-5%
Colorado	5,193,660	5,812,069	+12%	46,769	53,840	+15%
Connecticut	3,595,211	3,605,597	+0%	31,269	28,989	-7%
Delaware	915,518	1,003,384	+10%	9,186	10,152	+11%
District of Columbia	635,737	670,050	+5%	3,572	3,248	-9%
Florida	19,302,016	21,781,128	+13%	191,374	217,566	+14%
Georgia	9,903,580	10,799,566	+9%	107,488	120,685	+12%
Hawaii	1,395,199	1,441,553	+3%	10,050	9,972	-1%
Idaho	1,595,910	1,900,923	+19%	16,315	19,308	+18%
Illinois	12,883,029	12,671,469	-2%	104,578	97,530	-7%
Indiana	6,538,989	6,805,985	+4%	78,923	78,640	-0%
Iowa	3,076,844	3,193,079	+4%	31,596	33,039	+5%
Kansas	2,886,024	2,934,582	+2%	30,572	31,693	+4%
Kentucky	4,387,865	4,509,394	+3%	47,344	48,111	+2%
Louisiana	4,602,067	4,624,047	+0%	46,889	54,728	+17%
Maine	1,328,094	1,372,247	+3%	14,199	14,560	+3%
Maryland	5,888,375	6,165,129	+5%	56,476	56,601	+0%
Massachusetts	6,664,269	6,984,723	+5%	55,940	59,115	+6%
Michigan	9,898,289	10,050,811	+2%	94,548	96,744	+2%
Minnesota	5,377,500	5,707,390	+6%	56,988	57,171	+0%
Mississippi	2,984,599	2,949,965	-1%	38,667	40,853	+6%
Missouri	6,026,027	6,168,187	+2%	68,504	79,791	+16%
Montana	1,004,168	1,104,271	+10%	11,885	13,482	+13%
Nebraska	1,853,691	1,963,692	+6%	19,277	21,210	+10%
Nevada	2,744,670	3,143,991	+15%	24,148	27,077	+12%
New Hampshire	1,324,677	1,388,992	+5%	12,894	13,130	+2%
New Jersey	8,845,671	9,267,130	+5%	74,225	73,673	-1%
New Mexico	2,087,715	2,115,877	+1%	25,562	26,823	+5%
New York	19,574,362	19,835,913	+1%	122,903	106,870	-13%
North Carolina	9,751,810	10,551,162	+8%	104,950	117,734	+12%
North Dakota	702,227	774,948	+10%	10,081	9,256	-8%
Ohio	11,550,971	11,780,017	+2%	112,715	112,923	+0%
Oklahoma	3,819,320	3,986,639	+4%	47,872	44,760	-7%
Oregon	3,900,102	4,246,155	+9%	33,173	36,842	+11%
Pennsylvania	12,769,123		+9%	98,884	102,686	+4%
Rhode Island		12,964,056 1,095,610	+2%	7,807	7,526	-4%
	1,054,893					
South Carolina	4,719,027	5,190,705	+10%	49,036	57,492	+17%
South Dakota	833,859	895,376	+7%	9,113	9,994	+10%
Tennessee	6,455,752	6,975,218	+8%	71,167	82,596	+16%
Texas	26,084,120	29,527,941	+13%	237,836	285,028	+20%
Utah	2,854,146	3,337,975	+17%	26,528	33,638	+27%
Vermont	626,361	645,570	+3%	7,216	6,625	-8%
Virginia	8,187,456	8,642,274	+6%	80,959	80,102	-1%
Washington	6,898,599	7,738,692	+12%	56,762	57,797	+2%
West Virginia	1,857,446	1,782,959	-4%	19,226	16,079	-16%
Wisconsin	5,720,825	5,895,908	+3%	59,087	64,983	+10%
Wyoming	576,656	578,803	+0%	9,271	11,097	+20%
U.S. Total	313,877,662	331,893,745	+6%	2,963,497	3,132,411	+6%
Puerto Rico	3,634,488	3,263,584	-10%	18,588	13,869	-25%

Sources: Population - Census Bureau; VMT - FHWA

	2012	2021	<b>Registered Vehicle</b>	2012	2021	Licensed Driver	
	Registered	Registered	Percentage Change	Licensed	Licensed	Percentage Change	
State	Vehicles	Vehicles	(2012–2021)	Drivers	Drivers	(2012–2021)	
Alabama	4,844,632	5,463,966	+13%	3,827,522	4,061,837	+6%	
Alaska	775,245	686,142	-11%	526,371	519,288	-1%	
Arizona	5,163,015	6,064,542	+17%	4,697,579	5,795,216	+23%	
Arkansas	2,479,915	3,555,142	+43%	2,199,164	2,306,921	+5%	
California	27,702,150	31,349,073	+13%	24,200,997	27,112,595	+12%	
Colorado	4,561,896	5,096,394	+12%	3,807,673	4,411,587	+16%	
Connecticut	2,706,459	2,756,485	+2%	2,485,708	2,606,396	+5%	
Delaware	943,642	472,175	-50%	720,290	848,504	+18%	
District of Columbia	322,350	363,287	+13%	400,993	510,985	+27%	
Florida	15,665,986	19,180,165	+22%	13,896,581	16,144,302	+16%	
Georgia	7,646,995	9,142,656	+20%	6,581,534	7,663,847	+16%	
Hawaii	1,231,742	1,235,473	+0%	915,033	917,464	+0%	
Idaho	1,644,228	1,976,199	+20%	1,092,977	1,343,453	+23%	
Illinois	10,131,883	11,003,729	+9%	8,235,745	8,364,843	+2%	
Indiana	6,004,366	6,241,291	+9%	5,375,973	4,636,114	-14%	
lowa	6,004,366 3,511,050		+4%	5,375,973 2,217,304	4,636,114 2,345,355	-14% +6%	
		3,839,312					
Kansas	2,449,230	2,606,313	+6%	2,018,029	2,089,707	+4%	
Kentucky	3,670,566	4,408,730	+20%	2,985,234	2,980,331	-0%	
Louisiana	3,889,416	3,862,490	-1%	2,923,744	3,437,733	+18%	
Maine	1,180,092	1,387,656	+18%	1,008,190	1,056,535	+5%	
Maryland	3,982,734	4,910,674	+23%	4,102,154	4,439,757	+8%	
Massachusetts	4,949,859	5,207,052	+5%	4,733,936	4,899,931	+4%	
Michigan	7,798,432	9,556,452	+23%	7,018,713	7,982,471	+14%	
Minnesota	5,099,007	5,511,960	+8%	3,321,760	4,143,272	+25%	
Mississippi	2,052,140	2,385,768	+16%	1,957,980	2,032,775	+4%	
Missouri	5,684,682	5,603,939	-1%	4,288,488	4,275,228	-0%	
Montana	1,488,608	2,140,014	+44%	757,812	856,696	+13%	
Nebraska	1,888,478	1,933,528	+2%	1,363,596	1,438,842	+6%	
Nevada	2,130,331	2,676,143	+26%	1,728,060	2,150,707	+24%	
New Hampshire	1,302,441	1,417,949	+9%	1,064,604	1,174,826	+10%	
New Jersey	7,911,474	6,249,905	-21%	6,039,623	6,461,950	+7%	
New Mexico	1,805,790	1,862,673	+3%	1,430,475	1,477,213	+3%	
New York	10,448,743	9,408,796	-10%	11,248,617	11,879,057	+6%	
North Carolina	7,792,555	8,707,506	+12%	6,677,693	7,765,109	+16%	
North Dakota	810,355	925,186	+14%	502,807	549,721	+9%	
Ohio	10,116,248	10,892,377	+8%	8,006,183	8,283,546	+3%	
Oklahoma	3,439,937	3,353,167	-3%	2,400,358	2,597,441	+8%	
Oregon	3,527,237	4,010,635	+14%	2,769,757	3,029,912	+9%	
Pennsylvania	10,471,413	10,927,881	+4%	8,842,587	9,098,570	+3%	
Rhode Island	854,359	801,654	-6%	749,706	754,507	+1%	
South Carolina	3,896,832	5,091,679	+31%	3,455,931	3,990,909	+15%	
South Dakota	1,003,571	1,433,044	+43%	606,779	671,149	+11%	
Tennessee	5,392,661	6,712,722	+24%	4,573,871	5,009,697	+10%	
Texas	20,238,122	23,012,990	+14%	4,373,871	18,297,900	+20%	
Utah	1,981,341	2,838,505	+43%	1,788,822	2,207,208	+23%	
Vermont	606,941	2,030,505	+43%	529,501	469,624	-11%	
			+1%				
Virginia	7,116,791	7,652,036		5,538,480	5,912,644	+7%	
Washington	5,849,945	7,966,147	+36%	5,227,889	5,868,509	+12%	
West Virginia	1,458,802	1,219,024	-16%	1,241,586	1,138,290	-8%	
Wisconsin	5,215,294	5,769,058	+11%	4,056,649	4,340,851	+7%	
Wyoming	799,405	870,969	+9%	421,580	430,472	+2%	
U.S. Total	265,647,194	302,722,453	+14%	211,814,830	232,781,797	+10%	
Puerto Rico	NA	NA	NA	NA	NA	NA	

### Table 5. Registered Vehicles and Licensed Drivers, by State, 2012 and 2021

Sources: Registered Vehicles for States – FHWA; Registered Vehicles for USA – FHWA and Polk data from S&P Global Mobility, Copyright © R.L. Polk & Co.; Licensed Drivers – FHWA NA = Not Available.

## Table 6. Vehicles Involved in Fatal Traffic Crashes, by State and Vehicle Type, 2021

	Total										
State	Vehicles Involved	Passenger Cars	Light Trucks*	Large Trucks	Motorcycles	Other/Unknown					
Alabama	1,381	38%	43%	10%	6%	3%					
Alaska	93	18%	63%	9%	8%	2%					
Arizona	1,707	32%	41%	7%	9%	11%					
Arkansas	960	29%	44%	12%	11%	5%					
California	6,114	42%	36%	7%	9%	6%					
Colorado	1,024	26%	49%	10%	14%	1%					
Connecticut	438	45%	31%	6%	15%	3%					
Delaware	207	42%	39%	6%	11%	2%					
District of Columbia	67	43%	31%	1%	10%	13%					
Florida	5,482	37%	39%	7%	12%	5%					
Georgia	2,640	37%	42%	9%	7%	4%					
Hawaii	2,040	22%	42 %	6%	28%	4%					
Idaho	376	22%	46%	13%	9%	7%					
Illinois Indiana	1,901	<u>38%</u> 34%	39% 40%	<mark>9%</mark> 13%	<mark>9%</mark> 10%	5% 3%					
	1,392 491	34% 28%	40% 40%	13%	10%	3%					
lowa											
Kansas	603	29% 32%	46%	14% 11%	7% 9%	3% 5%					
Kentucky	1,163		44%								
Louisiana	1,381	32%	48%	9%	6%	4%					
Maine	195	25%	54%	9%	11%	1%					
Maryland	801	44%	37%	5%	10%	4%					
Massachusetts	586	37%	39%	5%	12%	6%					
Michigan	1,658	29%	49%	7%	11%	4%					
Minnesota	672	29%	45%	12%	11%	4%					
Mississippi	1,045	35%	45%	10%	4%	5%					
Missouri	1,434	32%	43%	9%	11%	5%					
Montana	287	21%	54%	12%	9%	3%					
Nebraska	311	26%	49%	16%	7%	2%					
Nevada	567	29%	41%	10%	16%	5%					
New Hampshire	148	32%	46%	5%	16%	1%					
New Jersey	974	40%	37%	9%	10%	4%					
New Mexico	645	29%	44%	14%	9%	5%					
New York	1,600	33%	41%	7%	14%	6%					
North Carolina	2,363	38%	44%	7%	10%	2%					
North Dakota	139	19%	57%	9%	6%	9%					
Ohio	1,932	35%	39%	11%	12%	4%					
Oklahoma	1,085	30%	48%	12%	8%	3%					
Oregon	833	29%	46%	10%	10%	6%					
Pennsylvania	1,761	33%	40%	9%	13%	4%					
Rhode Island	94	40%	43%	3%	14%	0%					
South Carolina	1,726	36%	42%	8%	11%	3%					
South Dakota	179	32%	41%	11%	13%	3%					
Tennessee	1,966	35%	42%	9%	9%	5%					
Texas	6,510	31%	44%	13%	8%	4%					
Utah	474	30%	46%	13%	8%	3%					
Vermont	102	28%	43%	8%	15%	6%					
Virginia	1,342	37%	43%	9%	9%	3%					
Washington	951	36%	41%	9%	10%	3%					
West Virginia	384	26%	48%	11%	8%	8%					
Wisconsin	879	29%	41%	11%	14%	6%					
Wyoming	142	15%	54%	14%	11%	6%					
U.S. Total	61,332	34%	42%	9%	10%	4%					
Puerto Rico	467	41%	31%	5%	16%	7%					

Source: FARS 2021 ARF \*Includes pickups, SUVs, and vans.

Table 7. Traffic Fatalities, by State and Person Type, 2021

	Total	otal Percentage of Fatalities Who Were (by Person Type)								
State	Fatalities*	Drivers	Passengers	Motorcyclists	Pedestrians	Pedalcyclists				
Alabama	983	60%	18%	8%	13%	1%				
Alaska	67	42%	19%	9%	24%	3%				
Arizona	1,180	45%	17%	13%	21%	4%				
Arkansas	693	56%	17%	14%	11%	1%				
California	4,285	43%	14%	13%	26%	3%				
Colorado	691	49%	16%	20%	13%	2%				
Connecticut	298	51%	8%	22%	18%	1%				
Delaware	136	44%	16%	17%	21%	1%				
District of Columbia	41	27%	5%	17%	44%	7%				
Florida	3,738	40%	14%	17%	22%	5%				
Georgia	1,797	55%	16%	10%	17%	1%				
Hawaii	94	23%	11%	35%	27%	4%				
Idaho	271	61%	18%	11%	8%	1%				
Illinois	1,334	52%	16%	13%	16%	3%				
Indiana	932	56%	15%	14%	12%	2%				
Iowa	356	54%	14%	19%	8%	3%				
Kansas	424	61%	16%	11%	10%	1%				
Kentucky	806	60%	17%	13%	9%	1%				
Louisiana	972	53%	16%	9%	19%	3%				
Maine	153	56%	17%	14%	12%	1%				
Maryland	561	48%	14%	14%	23%	1%				
Massachusetts	417	53%	11%	17%	18%	1%				
Michigan	1,136	51%	14%	15%	15%	3%				
Minnesota	488	58%	15%	14%	10%	2%				
Mississippi	772	63%	17%	5%	12%	2%				
Missouri	1,016	56%	16%	16%	12%	1%				
Montana	239	62%	18%	11%	8%	1%				
Nebraska	221	65%	18%	10%	7%	0%				
Nevada	385	41%	13%	23%	21%	2%				
New Hampshire	118	54%	14%	22%	7%	2%				
New Jersey	699	39%	12%	14%	30%	3%				
New Mexico	481	46%	19%	11%	21%	1%				
New York	1,157	41%	11%	19%	25%	3%				
North Carolina	1,663	56%	14%	14%	15%	1%				
North Dakota	101	57%	24%	8%	10%	1%				
Ohio	1,354	52%	16%	16%	12%	2%				
Oklahoma	762	57%	17%	10%	14%	2%				
Oregon	599	55%	13%	14%	15%	3%				
Pennsylvania	1,230	50%	15%	18%	14%	2%				
Rhode Island	63	51%	14%	21%	11%	3%				
South Carolina	1,198	53%	14%	15%	16%	2%				
South Dakota	148	57%	18%	15%	9%	0%				
Tennessee	1,327	57%	16%	13%	13%	1%				
Texas	4,498	50%	17%	11%	18%	2%				
Utah	328	51%	21%	12%	13%	2%				
Vermont	74	58%	11%	20%	11%	0%				
Virginia	973	57%	16%	11%	13%	2%				
Washington	973 670	46%	16%	13%	21%	2%				
West Virginia	280	63%	14%	10%	13%	0%				
Wisconsin	620	57%	14%	20%	8%	1%				
	110	62%	13%	15%	10%	0%				
Wyoming U.S. Total	<b>42,939</b>	51%	15%	<b>1</b> 4%	<b>17%</b>	<b>2%</b>				
Puerto Rico	<b>42,939</b> 337	38%	15%	20%	27%	<b>2%</b> 4%				

Source: FARS 2021 ARF

\*Includes other/unknown person type.

### **Restraint Use** Percent Based on Known Restrained Unrestrained Unknown Total **Restraint Use** State Number Percent Number Percent Number Percent Number Percent Restrained Unrestrained 49% Alabama 316 44% 354 51 7% 721 100% 47% 53% 17 44% 33% 9 23% 100% 57% 43% Alaska 13 39 212 35% 290 48% 100 17% 602 100% 42% 58% Arizona Arkansas 180 40% 228 51% 40 9% 448 100% 44% 56% California 1,245 53% 878 37% 221 9% 2.344 100% 59% 41% 179 42% 222 28 7% 55% Colorado 52% 429 100% 45% Connecticut 70 41% 74 44% 25 15% 169 100% 49% 51% Delaware 36 46% 40 51% 3 4% 79 100% 47% 53% District of Columbia 5 50% 5 50% 0 0% 10 100% 50% 50% Florida 1,013 52% 884 46% 33 2% 1,930 100% 53% 47% Georgia 515 44% 555 47% 112 9% 1,182 100% 48% 52% Hawaii 10 33% 19 63% 1 3% 30 100% 34% 66% 68 36% 106 57% 13 7% 187 100% 39% 61% Idaho 311 37% 332 39% 201 24% 844 100% 48% 52% Illinois Indiana 258 42% 245 40% 111 18% 614 100% 51% 49% 40% 26 106 48% 87 12% 219 100% 55% 45% lowa 126 42% 134 45% 40 13% 300 100% 48% 52% Kansas 267 48% 52% 0% 553 100% 52% Kentucky 286 0 48% 226 36% 334 53% 68 11% 628 100% 40% 60% Louisiana 0 51% 52 49% 55 51% 0% 107 100% 49% Maine 151 45% 147 44% 36 11% 334 100% 51% 49% Maryland Massachusetts 91 37% 111 45% 44 18% 246 100% 45% 55% Michigan 321 235 135 691 42% 46% 34% 20% 100% 58% Minnesota 164 51% 99 31% 59 18% 322 100% 62% 38% 44% 238 87 15% 100% Mississippi 258 41% 583 52% 48% Missouri 207 32% 402 61% 48 7% 657 100% 34% 66% 54 Montana 31% 109 63% 10 6% 173 100% 33% 67% Nebraska 63 38% 76 46% 26 16% 165 100% 45% 55% Nevada 96 50% 71 37% 24 13% 191 100% 57% 43% 15 48 62% 15 19% 78 76% New Hampshire 19% 100% 24% New Jersey 146 43% 160 47% 31 9% 337 100% 48% 52% 101 59% 12 4% 100% 62% New Mexico 36% 165 278 38% New York 314 57% 184 33% 54 10% 552 100% 63% 37% 515 North Carolina 558 50% 46% 44 4% 100% 52% 48% 1,117 30 7 49% 51% North Dakota 44% 31 46% 10% 68 100% 52% 109 854 41% 59% Ohio 305 36% 440 13% 100% 231 44% 260 49% 40 8% 531 100% 47% 53% Oklahoma 174 47% 80 22% 60% 40% 116 31% 370 100% Oregon 266 36% 367 50% 99 14% 732 100% 42% 58% Pennsylvania Rhode Island 19 46% 18 44% 4 10% 41 100% 51% 49% 342 43 764 South Carolina 45% 379 50% 6% 100% 47% 53% 31 9 105 South Dakota 30% 65 62% 9% 100% 32% 68% 416 393 44% 92 10% 901 Tennessee 46% 100% 51% 49% 2,818 53% 1,330 47% 1,172 42% 316 11% 47% Texas 100% 25 12% 41% Utah 114 53% 78 36% 217 100% 59% 17 38% 27 60% 1 2% 45 100% 39% 61% Vermont 339 50% 336 49% 6 1% 681 100% 50% 50% Virginia 149 50% 49 12% 43% 198 38% 396 100% 57% Washington West Virginia 77 42% 74 40% 33 18% 184 100% 51% 49% 154 40% 164 42% 70 18% 388 100% 52% Wisconsin 48% Wyoming 26 37% 43 61% 2 3% 71 100% 38% 62% 11,820 10% 26,325 50% U.S. Total 45% 11,813 45% 2,692 100% 50% Puerto Rico 42 27% 112 73% 0% 154 100% 27% 73% 0

### Table 8. Passenger Vehicle\* Occupant Fatalities in Traffic Crashes, by State and Restraint Use, 2021

Source: FARS 2021 ARF

\*Includes passenger cars and light trucks (pickups, SUVs, vans, and other light trucks) with GVWRs of 10,000 pounds or less.

# Table 9. Motorcyclist Fatalities in Traffic Crashes, by State and Helmet Use, 2021

			Helme	et Use					Percent Based on		
	Helm	neted	Unhel	meted	Unkr	nown	То	tal		Helmet Use	
State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Helmeted	Unhelmeted	
Alabama	64	80%	13	16%	3	4%	80	100%	83%	17%	
Alaska	4	67%	2	33%	0	0%	6	100%	67%	33%	
Arizona	74	47%	75	47%	9	6%	158	100%	50%	50%	
Arkansas	41	42%	54	56%	2	2%	97	100%	43%	57%	
California	528	90%	46	8%	12	2%	586	100%	92%	8%	
Colorado	48	35%	86	63%	3	2%	137	100%	36%	64%	
Connecticut	25	38%	36	55%	5	8%	66	100%	41%	59%	
Delaware	19	79%	5	21%	0	0%	24	100%	79%	21%	
District of Columbia	6	67%	3	33%	0	0%	9	100%	67%	33%	
Florida	320	48%	341	51%	9	1%	670	100%	48%	52%	
Georgia	167	86%	21	11%	6	3%	194	100%	89%	11%	
Hawaii	12	36%	21	64%	0	0%	33	100%	36%	64%	
Idaho	11	34%	21	66%	0	0%	32	100%	34%	66%	
Illinois	63	36%	109	62%	4	2%	176	100%	37%	63%	
Indiana	43	31%	88	64%	6	4%	137	100%	33%	67%	
lowa	17	25%	51	75%	0	4 % 0%	68	100%	25%	75%	
Kansas	18	38%	26	55%	3	6%	47	100 %	41%	59%	
Kentucky	32	30%	76	70%	0	0%	108	100 %	30%	70%	
Louisiana	63	69%	25	27%	3	3%	91	100%	72%	28%	
Maine	8	38%	13	62%	0	0%	21	100%	38%	62%	
	61	76%	17	21%	2	3%	80	100%	78%	22%	
Maryland							72				
Massachusetts	66	92%	1	1%	5	7%		100%	99%	1%	
Michigan	78	44%	74	42%	24	14%	176	100%	51%	49%	
Minnesota	24	35%	44	64%	1	1%	69	100%	35%	65%	
Mississippi	35	92%	2	5%	1	3%	38	100%	95%	5%	
Missouri	72	43%	87	52%	7	4%	166	100%	45%	55%	
Montana	7	27%	19	73%	0	0%	26	100%	27%	73%	
Nebraska	19	90%	0	0%	2	10%	21	100%	100%	0%	
Nevada	64	73%	9	10%	15	17%	88	100%	88%	12%	
New Hampshire	5	19%	19	73%	2	8%	26	100%	21%	79%	
New Jersey	83	85%	12	12%	3	3%	98	100%	87%	13%	
New Mexico	23	43%	30	56%	1	2%	54	100%	43%	57%	
New York	184	82%	33	15%	7	3%	224	100%	85%	15%	
North Carolina	211	91%	19	8%	3	1%	233	100%	92%	8%	
North Dakota	3	38%	5	63%	0	0%	8	100%	38%	63%	
Ohio	67	30%	156	69%	3	1%	226	100%	30%	70%	
Oklahoma	15	19%	59	74%	6	8%	80	100%	20%	80%	
Oregon	78	91%	5	6%	3	3%	86	100%	94%	6%	
Pennsylvania	107	47%	114	50%	9	4%	230	100%	48%	52%	
Rhode Island	5	38%	8	62%	0	0%	13	100%	38%	62%	
South Carolina	65	35%	118	64%	1	1%	184	100%	36%	64%	
South Dakota	5	23%	17	77%	0	0%	22	100%	23%	77%	
Tennessee	144	85%	16	9%	9	5%	169	100%	90%	10%	
Texas	266	51%	240	46%	17	3%	523	100%	53%	47%	
Utah	23	59%	15	38%	1	3%	39	100%	61%	39%	
Vermont	14	88%	2	13%	0	0%	16	100%	88%	13%	
Virginia	101	89%	11	10%	2	2%	114	100%	90%	10%	
Washington	86	92%	4	4%	3	3%	93	100%	96%	4%	
West Virginia	14	48%	14	48%	1	3%	29	100%	50%	50%	
Wisconsin	36	29%	85	69%	2	2%	123	100%	30%	70%	
Wyoming	6	33%	8	44%	4	22%	18	100%	43%	57%	
U.S. Total	3,530	58%	2,355	39%	199	3%	6,084	100%	60%	40%	
Puerto Rico	29	42%	40	58%	0	0%	69	100%	42%	58%	

Source: FARS 2021 ARF

Note: Shading indicates requiring helmet use for all motorcyclists.

 Table 10. Percentage of 2012 and 2021 Fatalities by Highest Driver BAC in Fatal Traffic Crashes

 And 2021 Driver Alcohol Testing by Survival Status, by State

	Percentage	e of Fatalities b	Percentage of Drivers Involved in					
	Alcoho	l Involved	Alcoh	ol-Impaired	Fatal Crashes Tested for BAC			
	(BAC=.01+ g/dL)		(BAC	=.08+ g/dL)	With Known Results in 2021			
State	2012	2021	2012	2021	Killed	Survived		
Alabama	34%	33%	28%	29%	55%	34%		
Alaska	26%	39%	25%	33%	82%	40%		
Arizona	33%	41%	28%	36%	40%	14%		
Arkansas	31%	34%	26%	27%	78%	65%		
California	33%	38%	28%	32%	39%	19%		
Colorado	36%	37%	28%	31%	89%	16%		
Connecticut	43%	45%	38%	38%	88%	6%		
Delaware	41%	29%	31%	25%	65%	15%		
District of Columbia	24%	36%	21%	30%	72%	33%		
Florida	34%	31%	29%	27%	51%	13%		
Georgia	30%	26%	25%	22%	45%	16%		
Hawaii	46%	40%	38%	29%	93%	32%		
Idaho	32%	33%	28%	31%	58%	31%		
Illinois	41%	41%	34%	35%	60%	22%		
Indiana	34%	30%	30%	25%	41%	55%		
lowa	30%	41%	26%	33%	54%	23%		
Kansas	31%	30%	26%	26%	39%	23%		
Kentucky	26%	27%	23%	24%	72%	49%		
Louisiana	37%	36%	32%	31%	85%	63%		
Maine	39%	39%	30%	29%	78%	49%		
Maryland	38%	40%	32%	35%	76%	9%		
Massachusetts	42%	40 %	34%	36%	93%	3%		
Michigan	33%	34%	28%	29%	36%	42%		
<u> </u>	33%	31%	20%	29%	70%	42% 15%		
Minnesota Miagiagiani	37%	24%	33%	20%	9%	9%		
Mississippi		35%		20%				
Missouri	40%		34%		77%	56%		
Montana	52%	47%	43%	44%	68%	64%		
Nebraska	42%	36%	34%	29%	59%	53%		
Nevada	38%	37%	33%	30%	80%	22%		
New Hampshire	35%	45%	30%	38%	83%	56%		
New Jersey	36%	31%	28%	25%	88%	21%		
New Mexico	30%	37%	26%	32%	79%	6%		
New York	36%	39%	29%	34%	43%	9%		
North Carolina	33%	32%	29%	28%	69%	10%		
North Dakota	51%	38%	43%	33%	81%	16%		
Ohio	39%	45%	35%	39%	84%	15%		
Oklahoma	34%	31%	30%	25%	87%	32%		
Oregon	31%	44%	26%	36%	68%	22%		
Pennsylvania	35%	32%	31%	27%	63%	10%		
Rhode Island	51%	46%	44%	39%	84%	10%		
South Carolina	46%	38%	40%	33%	73%	7%		
South Dakota	39%	42%	33%	35%	79%	84%		
Tennessee	34%	32%	28%	27%	49%	27%		
Texas	44%	48%	38%	42%	45%	9%		
Utah	19%	27%	15%	24%	83%	33%		
Vermont	34%	36%	31%	31%	88%	25%		
Virginia	32%	34%	27%	29%	83%	1%		
Washington	37%	45%	33%	39%	82%	17%		
West Virginia	30%	29%	28%	23%	88%	1%		
Wisconsin	38%	36%	33%	32%	34%	13%		
Wyoming	35%	38%	33%	34%	73%	17%		
U.S. Total	36%	36%	31%	31%	59%	21%		
Puerto Rico	44%	43%	34%	34%	100%	50%		

Source: FARS 2012 Final File, 2021 ARF

Notes: Percentages are computed based on unrounded estimates. NHTSA estimates BACs when alcohol test results are unknown.

			Sp	eeding-Rel	ated Fatalities	by Roadwa	ay Function	n Class	
	Total		Interstate	Interstate	Non- Interstate Freeway and	Non- Interstate Other Principal	Non- Interstate Minor	Non- Interstate	Non- Interstate
State	Fatalities	Total*	Rural	Urban	Expressway	Arterial	Arterial	Collector	Local
Alabama	983	274	36	15	0	46	59	83	35
Alaska	67	27	6	3	0	7	1	5	5
Arizona	1,180	373	15	15	39	90	141	55	8
Arkansas	693	148	8	11	1	26	27	21	54
California	4,285	1,509	59	166	161	450	308	252	113
Colorado	691	202	11	12	3	86	36	29	25
Connecticut	298	119	1	10	11	26	36	30	5
Delaware	136	46	0	4	2	13	9	14	4
District of Columbia	41	19	0	0	1	5	9	0	4
Florida	3,738	391	8	18	3	145	83	85	49
Georgia	1,797	369	8	26	23	82	91	77	62
Hawaii	94	45	0	2	0	28	15	0	0
Idaho	271	59	5	3	1	11	5	18	16
Illinois	1,334	487	24	76	9	123	111	82	57
Indiana	932	252	16	22	4	64	43	57	46
lowa	356	84	2	3	0	23	12	26	17
Kansas	424	98	7	6	3	12	26	33	11
Kentucky	806	143	13	8	1	28	35	27	31
Louisiana	972	281	30	24	2	54	68	45	58
Maine	153	26	0	0	0	4	3	13	5
Maryland	561	168	2	16	21	48	34	37	9
Massachusetts	417	114	2	21	8	29	25	16	13
Michigan	1,136	321	5	25	16	86	64	67	53
Minnesota	488	167	2	13	6	34	53	39	18
Mississippi	772	122	5	1	0	35	19	35	10
Missouri	1,016	404	11	42	27	104	65	80	75
Montana	239	86	14	8	0	17	9	16	20
Nebraska	221	36	5	5	2	5	5	7	7
Nevada	385	112	2	6	0	36	30	12	26
New Hampshire	118	40	1	1	4	11	6	11	6
New Jersey	699	178	3	9	22	61	35	20	27
New Mexico	481	186	24	12	1	51	32	43	21
New York	1,157	418	4	42	39	109	75	50	99
North Carolina	1,663	478	9	26	29	102	92	124	96
North Dakota	101	29	2	0	0	14	1	2	9
Ohio	1,354	341 181	4	50	11	<u>54</u> 50	66	94	56 32
Oklahoma	762			10	0		20	66	
Oregon	599	154	5	5	0	44	40	45	15
Pennsylvania Rhada laland	1,230	500	34	29 4	27	130	91	86	102
Rhode Island	63	20	0		2	6	4	3	1
South Carolina	1,198	486	55	23	6	73	186	74	69
South Dakota	148	35	3	0	0	7	12	8	5
Tennessee	1,327	231	9	15	7	77	61	32	30
Texas	4,498	1,568	68	171	79	424	296	386	141
Utah	328	109	15	10	3	38	21	14	8
Vermont	74	30	2	0	0	3	8	9	8
Virginia	973	337	13	42	13	66	79	87	34
Washington	670	206	11	24	14	38	39	60	18
West Virginia	280	64 212	9	8	0	11 55	4	20	12 35
Wisconsin	<u>620</u>		6	9			51	53	
Wyoming	110	45	8	1	0	18	1	11	5
U.S. Total	42,939	12,330	585	1,052	603	3,159	2,642	2,559	1,665
Puerto Rico	337	112	11	12	0	33	28	23	5

### Table 11. Speeding-Related Traffic Fatalities, by State and Roadway Function Class, 2021

Source: FARS 2021 ARF

\*Includes fatalities that occurred on roads for which the roadway function class was unknown.

# **Restraint Use and Motorcycle Helmet Use Laws**

### Restraint Use Laws

The first mandatory seat belt use law was enacted in New York in 1984. Adult seat 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. The goal of these laws is to promote seat belt use and thereby reduce deaths and injuries in motor vehicle crashes.

In 2021 there were 34 States, the District of Columbia, and Puerto Rico that had primary seat belt laws in effect for front seat occupants, 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 police 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 18 years old.

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 are available on the website of the GHSA at <u>www.ghsa.org/</u>.

- 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 2021 seat belt use rates in the United States ranged from 75.5 percent in New Hampshire to 97.2 percent in California. These results are from probability-based observational surveys conducted by 50 States, the District of Columbia, and United States Territories. The nationwide seat belt use rate in 2021 was 90.4 percent, as measured by NHTSA's National Occupant Protection Use Survey (NOPUS). NOPUS is a national probability-based survey, which is independent from State belt use surveys. Observed seat belt use rates for the States and the Nation in 2021 can be found in *Seat Belt Use in 2021—Use Rates in the States and Territories*, Report No. DOT HS 813 307, <a href="https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813307">https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813307</a>.

### Motorcycle Helmet Use Laws

In 2021 only 18 States, the District of Columbia, and Puerto Rico required helmet use for all motorcyclists. Excluding the District of Columbia and Puerto Rico, the known helmet use percentages in fatal crashes ranged from 54 percent (West Virginia) to 100 percent (Nebraska) for these 18 States.

In 29 States helmet use was required for only a subset of motorcyclists (typically, motorcyclists under age 18), and 3 States (Illinois, Iowa, and New Hampshire) did not require helmet use for motorcyclists of any age. The known helmeted percentages in fatal crashes ranged from 20 percent (Oklahoma) to 83 percent (Delaware) for these 32 States.

The most current information on helmet use laws is available on the Governors Highway Safety Association (GHSA) website at <u>www.ghsa.org/state-laws/issues/motorcyclists</u>. In States without universal helmet laws, 55 percent of motorcyclists killed in 2021 were not wearing helmets, as compared to 9 percent in States with universal helmet laws. According to NOPUS, in 2021 DOT-compliant motorcycle helmet use in States requiring all to use helmets was 86.1 percent compared to 53.4 percent in other States. Information on motorcycle helmet use in 2021 can be found in *Motorcycle Helmet Use in 2021—Overall Results*, Report No. DOT HS 813 270, <a href="https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813270">https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813270</a>.

# Fatality Analysis Reporting System

FARS contains data on every fatal motor vehicle traffic crash within the 50 States, the District of Columbia, and Puerto Rico. To be included in FARS, a traffic crash must involve a motor vehicle traveling on a trafficway customarily open to the public, and must result in the death of a vehicle occupant or a nonoccupant within 30 days of the crash. The Annual Report File (ARF) is the FARS data file associated with the most recent available year, which is subject to change when it is finalized the following year to the final version known as the Final File. The additional time between the ARF and the Final File provides the opportunity for submission of important variable data requiring outside sources, which may lead to changes in the final counts. More information on FARS can be found at <u>www.nhtsa.gov/crash-data-systems/fatality-analysis-reporting-system</u>.

The updated final counts for the previous data year will be reflected with the release of the recent year's ARF. For example, along with the release of the 2021 ARF, the 2020 Final File was released to replace the 2020 ARF. The final fatality count in motor vehicle traffic crashes for 2020 was 39,007, which was updated from 38,824 in the 2020 ARF.

# Product Information Catalog and Vehicle Listing (vPIC) Vehicle Classification

Historically, vehicle type classifications (e.g., passenger cars, light trucks, large trucks, motorcycles, buses) from FARS used for analysis and data reporting were based on analyst-coded vehicle body type. NHTSA did not have manufacturer authoritative data to assist in vehicle body type coding. NCSA has developed a Product Information Catalog and Vehicle Listing (vPIC) dataset that is being used to decode VINs (Vehicle Identification Numbers) and extract vehicle information. Details of vehicles (make, model, body class, etc.) involved in crashes are obtained from vPIC via VIN-linkage. The VIN-derived information from vPIC uses the manufacturer's classification of body class, which allows for more accurate vehicle type analysis.

The vPIC-based analysis data are available beginning with 2020 FARS data file. Starting with the release of 2021 FARS data, all vehicle-related analysis for 2020 and later years will be based on vPIC vehicle classification. As a result, the 2020 and later-year vehicle type classifications are not comparable to 2019 and earlier-year vehicle type classifications. This change affects any analysis with a vehicle component to it. More information on vPIC can be found at <a href="https://vpic.nhtsa.dot.gov/">https://vpic.nhtsa.dot.gov/</a>.

The suggested APA format citation for this document is:

National Center for Statistics and Analysis. (2023, September). *State traffic data: 2021 data* (Traffic Safety Facts. Report No. DOT HS 813 509). National Highway Traffic Safety Administration.

# For More Information:

Motor vehicle traffic crash data are available from the National Center for Statistics and Analysis (NCSA), NSA-230. NCSA can be contacted at <u>NCSARequests@dot.gov</u> or 800-934-8517. NCSA programs can be found at <u>www.nhtsa.gov/data</u>. To report a motor vehicle safety-related problem or to inquire about safety information, contact the Vehicle Safety Hotline at 888-327-4236 or www.nhtsa.gov/report-a-safety-problem.

The following data tools and resources can be found at https://cdan.nhtsa.gov/.

- Fatal Motor Vehicle Traffic Crash Data Visualizations
- Motor Vehicle Traffic Crash Databook
- Fatality and Injury Reporting System Tool (FIRST)
- State Traffic Safety Information (STSI)
- Traffic Safety Facts Annual Report Tables
- FARS Data Tables (FARS Encyclopedia)
- Crash Viewer
- Product Information Catalog and Vehicle Listing (vPIC)
- FARS, NASS GES, CRSS, NASS Crashworthiness Data System (CDS), and Crash Investigation Sampling System (CISS) data can be downloaded for further analysis.

Other fact sheets available from NCSA:

- Alcohol-Impaired Driving
- Bicyclists and Other Cyclists
- Children
- Large Trucks
- Motorcycles
- Occupant Protection in Passenger Vehicles
- Older Population
- Passenger Vehicles
- Pedestrians
- Rural/Urban Comparison of Motor Vehicle Traffic Fatalities
- School-Transportation-Related Crashes
- Speeding
- State Alcohol-Impaired-Driving Estimates
- Summary of Motor Vehicle Traffic Crashes
- Young Drivers

Detailed data on motor vehicle traffic crashes are published annually in *Traffic Safety Facts: A Compilation of Motor Vehicle Traffic Crash Data*. The fact sheets and Traffic Safety Facts annual report can be found at <a href="https://crashstats.nhtsa.dot.gov/">https://crashstats.nhtsa.dot.gov/</a>.



U.S. Department of Transportation

National Highway Traffic Safety Administration