Traffic Safety Facts

2013 Data

August 2015

DOT HS 812 188



Key Findings

- Of the 32,719 motor vehicle traffic fatalities in 2013, there were 10,076 (31%) people killed in alcohol-impaired-driving crashes where at least one driver in each crash had a blood alcohol concentration (BAC) of .08 grams per deciliter (g/dL) or higher. The following States had the highest percentages: South Carolina (44%), North Dakota (42%), Connecticut (41%), Montana (40%), and Texas (40%).
- Of the 44,574 drivers involved in fatal crashes in 2013, there were 9,461 (21%) who were alcoholimpaired.
- In 2013, the percentages of alcohol-impaired drivers involved in fatal crashes ranged from 13 percent (Utah) to 32 percent (South Carolina), compared to 21 percent in the United States.
- Of the 44,574 drivers involved in fatal crashes in 2013, slightly less than half (48%) had known BAC test results.
- In 2013, BAC test results were known for 71 percent of fatally injured drivers compared to only 28 percent of surviving drivers in fatal crashes.



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

1200 New Jersey Avenue SE. Washington, DC 20590

State Alcohol-Impaired-Driving Estimates

This fact sheet contains estimates of driver alcohol involvement in fatal crashes for the United States and individually for the 50 States, the District of Columbia, and Puerto Rico. Estimates for Puerto Rico are not included in the national estimates. Data from the current year (2013) and 10 years ago (2004) are presented for comparison. These estimates are based on data from the Fatality Analysis Reporting System (FARS).

In this fact sheet, the 2013 State alcohol-impaired-driving estimates information is presented in the following order:

- Alcohol-Impaired Definitions and Explanations
- Unknown FARS Alcohol Data
- State-by-State Data Tables
 - Table 1 Motor Vehicle Traffic Fatalities, by State and Highest Driver BAC in the Crash, 2004
 - Table 2 Motor Vehicle Traffic Fatalities, by State and Highest Driver BAC in the Crash, 2013
 - Table 3 Drivers Involved in Fatal Crashes, by State and BAC of the Driver, 2004
 - Table 4 Drivers Involved in Fatal Crashes, by State and BAC of the Driver, 2013
 - Table 5 BAC Test Status for Drivers Involved in Fatal Traffic Crashes, by State, 2004 and 2013

- Table 6 Driver Fatalities, by State and BAC Test Status, 2004
- Table 7 Driver Fatalities, by State and BAC Test Status, 2013
- Table 8 Surviving Drivers Involved in Fatal Crashes, by State and BAC Test Status, 2004
- Table 9 Surviving Drivers Involved in Fatal Crashes, by State and BAC Test Status, 2013
- Table 10 Percentage of Fatalities in Alcohol-Impaired-Driving Crashes and Percentage of Drivers Involved in Fatal Crashes with BACs of .08 or Higher, by Region and State, 2004 and 2013

Alcohol-Impaired Definitions and Explanations

All 50 States, the District of Columbia, and Puerto Rico have by law set limits that it is illegal to drive with blood alcohol concentrations (BACs) of .08 gram per deciliter (g/dL) or higher.

Drivers are considered to be alcohol-impaired when their BACs are .08 g/dL or higher. Thus, any fatality occurring in a crash involving a driver with a BAC of .08 or higher is considered to be an alcohol-impaired-driving fatality. The term "driver" refers to the operator of any motor vehicle, including a motorcycle. The term "alcohol-impaired" does not imply that a crash or a fatality was caused by alcohol impairment.

Great caution is needed in comparing the levels of alcohol involvement among States. Differences in alcohol involvement can be due to any number of factors not necessarily directly related to a State's alcohol traffic safety program. Factors affecting alcohol involvement in fatal crashes include:

- Population demographics and the economic environment (for example, older drivers and female drivers tend to have lower levels of alcohol involvement, and drivers of older vehicles tend to have higher levels of alcohol involvement), and
- Types of vehicles (for example, motorcycle riders tend to have the highest levels of alcohol involvement followed by drivers of light trucks, and drivers of large trucks tend to have the lowest levels of alcohol involvement).

One of the major differences among States is the wide range of known testing results for drivers involved in fatal traffic crashes. In 2013, State-level percentages of known BACs of drivers involved ranged from a low of 27 percent in Virginia to a high of 85 percent in Maine and Montana (Table 5). These testing differences affect the accuracy and reliability of the estimates presented. States with higher percentages of known BACs are more likely to have accurate and precise estimates of fatal crash alcohol involvement.

Unknown FARS Alcohol Data

BAC test results are not known for all drivers involved in fatal crashes. Missing data can result for a number of reasons; the most frequent is that drivers are not always tested for alcohol. Each State or local jurisdiction has its own guidelines of when to administer BAC tests in fatal crashes.

To address the missing data issue, the National Highway Traffic Safety Administration uses a statistical model called "multiple imputation" to estimate the BAC of the driver at the time of the crash. This statistical model is based on important characteristics of the crash including:

- crash factors (time of day, day of week, type of crash, and location);
- vehicle factors (vehicle type and role in the crash);
- person factors (age, sex, restraint use, and previous driving violations); and
- most importantly, the subjective assessment of the police officer at the scene of the crash as to whether alcohol was involved.

For more information on multiple imputation, see NHTSA's Report No. DOT HS 809 403 (www-nrd.nhtsa.dot.gov/Pubs/809-403.pdf), *Transitioning to Multiple Imputation—A New Method to Impute Missing Blood Alcohol Concentration (BAC) Values in FARS*. The statistical model was developed at the national level using all available known data and applied to each individual driver with missing or unknown BAC test results.

State-by-State Data Tables

Tables 1 through 4 and Table 10 present State-level and nationallevel estimates; Tables 5 to 9 present State-level and national-level actual FARS record numbers. Estimates or numbers for Puerto Rico are not included in the national estimates or numbers. These estimates represent a combination of known BAC results and estimated BACs derived from the multiple imputation model for missing or unknown BAC results.

For Tables 1 to 4, estimates are presented in four BAC categories:

- BAC of .00,
- BAC of .01 to .07,
- BAC of .08 or higher (alcohol-impaired), and
- BAC of .01 or higher.

Tables 1 and 2 present the estimated number of fatalities by highest driver BAC in the crash as well as the estimated number and percentage for each BAC category for 2004 and 2013, respectively.

- Of the 42,836 motor vehicle traffic fatalities in 2004, there were 13,099 (31%) people killed in alcohol-impaired-driving crashes where at least one driver had a BAC of .08 g/dL or higher (Table 1).
- Of the 32,719 motor vehicle traffic fatalities in 2013, there were 10,076 (31%) people killed in alcohol-impaired-driving crashes where at least one driver had a BAC of .08 g/dl or higher (Table 2). The following States had the highest percentages: South Carolina (44%), North Dakota (42%), Connecticut (41%), Montana (40%), and Texas (40%).

Tables 3 and 4 present the estimated number of drivers involved in fatal crashes by BACs of the drivers as well as the estimated number and percentage for each BAC category for 2004 and 2013, respectively.

- Of the 58,395 drivers involved in fatal crashes in 2004, there were 12,057 (21%) who were alcohol-impaired (Table 3).
- Of the 44,574 drivers involved in fatal crashes in 2013, there were 9,461 (21%) who were alcohol-impaired (Table 4).

Table 5 presents the number of drivers involved in fatal traffic crashes as well as the number and percentage of drivers tested with known results for 2004 and 2013.

- Of the 58,395 drivers involved in fatal crashes in 2004, there were 26,490 (45%) who had known BAC test results.
- Of the 44,574 drivers involved in fatal crashes in 2013, there were 21,535 (48%) who had known BAC test results.

The higher the percentages of drivers with known BAC test results, the more reliable the State estimates.

For Tables 6 to 9, numbers are presented in four BAC test status categories:

- Tested with known results,
- Tested with unknown results,
- Not tested, and
- Unknown if tested.

Tables 6 and 7 present the number of driver fatalities and their BAC test statuses for 2004 and 2013, respectively.

- Of the 26,871 driver fatalities in 2004, there were 18,275 (68%) who had known BAC test results (Table 6).
- Of the 20,871 driver fatalities in 2013, there were 14,905 (71%) who had known BAC test results (Table 7).

Tables 8 and 9 present the number of surviving drivers involved in fatal crashes and their BAC test statuses for 2004 and 2013, respectively.

- Of the 31,524 surviving drivers involved in fatal crashes in 2004, there were 8,215 (26%) who had known BAC test results (Table 8).
- Of the 23,703 surviving drivers involved in fatal crashes in 2013, there were 6,630 (28%) who had known BAC test results (Table 9).

Table 10 presents the estimated percentages of alcohol-impaireddriving fatalities (same percentages as in Tables 1 and 2) and the estimated percentages of alcohol-impaired drivers involved in fatal crashes (same percentages as in Tables 3 and 4) for 2004 and 2013. The 50 States, the District of Columbia, and Puerto Rico are grouped into different NHTSA regions for this table.

- In 2013, the alcohol-impaired-driving fatality percentages ranged from 17 percent (Utah) to 44 percent (South Carolina), compared to 31 percent in the United States.
- In 2013, the alcohol-impaired percentages of drivers involved in fatal crashes ranged from 13 percent (Utah) to 32 percent (South Carolina), compared to 21 percent in the United States.

This fact sheet contains information on motor vehicle fatalities and fatal crashes, based on data from the Fatality Analysis Reporting System (FARS). FARS is 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. (2015, August). *State alcoholimpaired-driving estimates: 2013 data.* (Traffic Safety Facts. Report No. DOT HS 812 188). 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), NVS-424, 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, Overview, Passenger Vehicles, Pedestrians, Rural/Urban Comparison, School Transportation-Related Crashes, Speeding, State Traffic Data, 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 www-nrd.nhtsa.dot. gov/CATS/index.aspx.



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

Motor Vehicle Traffic Fatalities, by State and Highest Driver BAC in the Crash, 2004

	Total Fatalities*		=.00		0107		=.08+	BAC=.01+		
State	Number	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Alabama	1,154	748	65%	45	4%	360	31%	405	35%	
Alaska	101	71	70%	2	2%	27	27%	29	29%	
Arizona	1,151	745	65%	56	5%	334	29%	389	34%	
Arkansas	703	456	65%	47	7%	201	29%	247	35%	
California	4,120	2,680	65%	253	6%	1,179	29%	1,432	35%	
Colorado	667	431	65%	36	5%	200	30%	236	35%	
Connecticut	294	167	57%	13	4%	112	38%	125	43%	
Delaware	134	91	68%	4	3%	39	29%	43	32%	
District of Columbia	43	26	59%	5	11%	13	30%	18	41%	
Florida	3,244	2,189	67%	167	5%	886	27%	1,053	32%	
Georgia	1,634	1,158	71%	69	4%	403	25%	472	29%	
Hawaii	142	88	62%	10	7%	44	31%	54	38%	
Idaho	260	172	66%	11	4%	76	29%	88	34%	
Illinois	1,355	794	59%	86	6%	475	35%	561	41%	
Indiana	947	665	70%	40	4%	241	25%	281	30%	
lowa	388	282	73%	19	5%	87	22%	105	27%	
Kansas	459	321	70%	23	5%	113	25%	136	30%	
Kentucky	964	674	70%	34	3%	256	27%	290	30%	
Louisiana	927	535	58%	74	8%	315	34%	389	42%	
Maine	194	125	65%	11	6%	57	30%	69	35%	
Maryland	643	384	60%	46	7%	211	33%	257	40%	
Massachusetts	476	286	60%	20	4%	169	36%	189	40%	
Vichigan	1,159	769	66%	57	5%	329	28%	386	33%	
Vinnesota	567	387	68%	24	4%	156	28%	180	32%	
Mississippi	900	563	63%	24	3%	312	35%	337	37%	
Missouri	1,130	700	62%	59	5%	369	33%	428	38%	
Montana	229	125	55%	6	3%	97	42%	103	45%	
Nebraska	254	163	64%	13	5%	74	29%	88	35%	
Nevada	395	263	67%	18	5%	112	28%	129	33%	
New Hampshire	171	114	67%	6	3%	51	30%	57	33%	
New Jersey	723	488	68%	50	7%	185	26%	235	32%	
New Mexico	521	340	65%	25	5%	157	30%	181	35%	
New York	1,495	977	65%	78	5%	435	29%	513	34%	
North Carolina	1,573	1,085	69%	61	4%	433	23%	484	31%	
North Dakota	1,573	62	62%	4	4%	34	34%	38	38%	
Ohio	1,286	816	63%	72	6%	392	31%	464	36%	
Oklahoma Oklahoma					10/			257		
	456	517 262	<u>67%</u> 57%	32 42	<u>4%</u> 9%	225 150	29%	192	33%	
Oregon Pennsylvania	456	905	57% 61%	42	9% 4%	517	33% 35%	583	42% 39%	
Rhode Island	83	43	52%	2	4% 3%	38	46%	40	48%	
South Carolina	1,046	43 618	52% 59%	54	3% 5%	368	40%	40	48%	
South Carolina South Dakota	1,046	116	59% 59%	9 54		71	35%		40%	
	1,339	825	59% 62%	70	5% 5%	439	36%	80 509	41% 38%	
Tennessee	3,699	2,143	62% 58%	216	5% 6%	1,336	33%		42%	
Texas	· · · · · · · · · · · · · · · · · · ·					67		1,552		
Utah	296	225	76%	3	1%		23%	70	24%	
Vermont	98 922	67	68%	11	12%	20	20% 31%	31	32%	
Virginia Washington		582	63%	48	5%	288		336	36%	
Washington	567	340	60%	23	4%	202	36%	225	40%	
West Virginia	410	277	68%	22	5%	108	26%	130	32%	
Wisconsin	792	448	57%	41	5%	297	37%	338	43%	
Wyoming	164	107	65%	6	4%	51	31%	57	35%	
U.S. Total	42,836 495	27,413 296	64% 60%	2,212 24	5%	13,099 174	31% 35%	15,311 198	36%	

Source: FARS 2004 Final File.

*Includes fatalities in crashes in which there was no driver coded.

Table 2 Motor Vehicle Traffic Fatalities, by State and Highest Driver BAC in the Crash, 2013

	Total Fatalities*		=.00		0107		08+		BAC=.01+		
State	Number	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Alabama	852	543	64%	48	6%	260	31%	308	36%		
Alaska	51	34	66%	1	3%	15	30%	16	32%		
Arizona	849	574	68%	43	5%	219	26%	262	31%		
Arkansas	483	324	67%	34	7%	123	25%	156	32%		
California	3,000	1,963	65%	158	5%	867	29%	1,025	34%		
Colorado	481	309	64%	28	6%	142	30%	170	35%		
Connecticut	276	145	52%	17	6%	114	41%	132	48%		
Delaware	99	57	57%	4	4%	38	39%	43	43%		
District of Columbia	20	13	67%	0	2%	6	31%	7	33%		
Florida	2,407	1,607	67%	115	5%	676	28%	790	33%		
Georgia	1,179	824	70%	52	4%	297	25%	349	30%		
Hawaii	102	57	56%	12	12%	33	33%	45	44%		
Idaho	214	138	64%	12	7%	58	27%	73	34%		
Illinois	991	601	61%	67	7%	322	32%	389	39%		
	783			43	6%	198	25%		39%		
Indiana		541	<u>69%</u>					241			
owa	317	204	64%	10	3%	103	32%	113	36%		
Kansas	350	230	66%	18	5%	102	29%	119	34%		
Kentucky	638	444	70%	26	4%	167	26%	193	30%		
Louisiana	703	427	61%	39	5%	234	33%	272	39%		
Maine	145	91	63%	12	8%	42	29%	54	37%		
Maryland	465	289	62%	34	7%	141	30%	175	38%		
Massachusetts	326	179	55%	24	7%	118	36%	142	44%		
Michigan	947	638	67%	54	6%	255	27%	309	33%		
Minnesota	387	272	70%	20	5%	95	25%	115	30%		
Mississippi	613	372	61%	30	5%	210	34%	240	39%		
Missouri	757	468	62%	39	5%	248	33%	287	38%		
Montana	229	125	55%	12	5%	92	40%	104	45%		
Nebraska	211	136	65%	10	5%	60	28%	70	33%		
Nevada	262	168	64%	15	6%	79	30%	94	36%		
New Hampshire	135	83	61%	7	5%	46	34%	52	39%		
New Jersey	542	358	66%	38	7%	146	27%	184	34%		
New Mexico	310	192	62%	25	8%	93	30%	118	38%		
New York	1,199	756	63%	78	6%	364	30%	442	37%		
North Carolina	1,289	858	67%	57	4%	371	29%	428	33%		
North Dakota	148	73	49%	12	8%	62	42%	73	49%		
Ohio	989	664	67%	51	5%	271	27%	322	33%		
Oklahoma	678	472	70%	37	5%	170	25%	206	30%		
	313	189	61%	17	5%	105	33%	122	30%		
Oregon Pennsylvania	1,208	774	64%	64	5% 5%	368	33%	431	39%		
		37	57%		5% 6%	24		28			
Rhode Island	65			4			38%		43%		
South Carolina	767	379	49%	49	<u>6%</u>	335	44%	384	50%		
South Dakota	135	85	63%	7	5%	41	31%	48	36%		
Tennessee	995	666	67%	51	5%	277	28%	327	33%		
Texas	3,382	1,829	54%	213	6%	1,337	40%	1,550	46%		
Utah	220	175	79%	6	3%	38	17%	44	20%		
Vermont	69	45	66%	5	8%	18	27%	24	34%		
Virginia	740	435	59%	48	6%	254	34%	302	41%		
Washington	436	267	61%	20	4%	149	34%	169	39%		
West Virginia	332	220	66%	21	6%	91	27%	112	34%		
Wisconsin	543	329	61%	32	6%	178	33%	210	39%		
Wyoming	87	58	67%	4	5%	25	29%	29	33%		
U.S. Total	32,719	20,713	63%	1,820	6%	10,076	31%	11,896	36%		
Puerto Rico	344	185	54%	31	9%	127	37%	158	46%		

Source: FARS 2013 Annual Report File (ARF). *Includes fatalities in crashes in which there was no driver coded.

Drivers Involved in Fatal Crashes, by State and BAC of the Driver, 2004

	T-t-l	DAC	00	DAO	01 07	DAO	00	BAC = .01+		
State	Total Drivers Involved	Number	= .00 Percent	BAC =	.0107 Percent	BAC = Number	= .08+ Percent	BAC = Number	= .UI+ Percent	
Alabama	1,535	1,151	75%	47	3%	337	22%	385	25%	
Alaska	140	111	79%	3	2%	27	19%	29	21%	
	1,506	1,151	79%	54	4%	302	20%	355	21%	
Arizona										
Arkansas	924	703	76%	44	5%	178	19%	222	24%	
California	5,639	4,282	76%	263	5%	1,094	19%	1,357	24%	
Colorado	951	733	77%	33	3%	186	20%	218	23%	
Connecticut	413	286	69%	15	4%	113	27%	127	31%	
Delaware	193	153	79%	5	2%	35	18%	40	21%	
District of Columbia	69	50	73%	5	8%	14	20%	19	27%	
Florida	4,575	3,560	78%	180	4%	835	18%	1,015	22%	
Georgia	2,351	1,917	82%	72	3%	362	15%	434	18%	
Hawaii	187	136	73%	10	5%	41	22%	51	27%	
Idaho	338	254	75%	13	4%	72	21%	85	25%	
Illinois	1,893	1,375	73%	88	5%	429	23%	518	27%	
Indiana	1,343	1,088	81%	40	3%	214	16%	255	19%	
Iowa	545	448	82%	19	4%	78	14%	98	18%	
Kansas	617	497	81%	21	3%	99	16%	120	19%	
Kentucky	1,312	1,052	80%	33	2%	228	17%	260	20%	
Louisiana	1,299	932	72%	77	6%	290	22%	367	28%	
Maine	256	190	74%	12	4%	55	21%	66	26%	
Maryland	870	638	73%	39	4%	193	22%	232	27%	
Massachusetts	616	428	69%	22	4%	166	27%	188	31%	
Michigan	1,672	1,298	78%	63	4%	311	19%	374	22%	
Minnesota	808	638	79%	25	3%	145	18%	170	21%	
Mississippi	1,136	824	73%	24	2%	288	25%	312	27%	
Missouri	1,489	1,085	73%	60	4%	343	23%	404	27%	
Montana	273	177	65%	7	2%	89	33%	96	35%	
Nebraska	350	267	76%	13	4%	70	20%	83	24%	
Nevada	529	400	76%	18	3%	111	21%	129	24%	
New Hampshire	235	178	76%	8	3%	50	21%	57	24%	
New Jersey	1,074	842	78%	53	5%	180	17%	232	22%	
New Mexico	628	487	78%	17	3%	123	20%	141	22%	
New York	2,000	1,516	76%	79	4%	405	20%	484	22%	
North Carolina					3%			404	24%	
	2,174 135	1,732	80% 71%	58	3%	384 34	18% 25%	39	20%	
North Dakota		96		4						
Ohio	1,811	1,379	76%	68	4%	364	20%	432	24%	
Oklahoma	1,006	779	77%	32	3%	195	19%	227	23%	
Oregon	584	429	73%	32	5%	124	21%	155	27%	
Pennsylvania	2,101	1,551	74%	64	3%	486	23%	550	26%	
Rhode Island	115	77	67%	2	2%	36	31%	38	33%	
South Carolina	1,349	965	72%	50	4%	334	25%	384	28%	
South Dakota	232	169	73%	8	4%	55	24%	63	27%	
Tennessee	1,788	1,331	74%	65	4%	392	22%	457	26%	
Texas	5,040	3,572	71%	228	5%	1,241	25%	1,469	29%	
Utah	372	308	83%	3	1%	61	16%	64	17%	
Vermont	125	95	76%	11	9%	19	15%	30	24%	
Virginia	1,206	899	75%	48	4%	260	22%	307	25%	
Washington	750	542	72%	24	3%	184	25%	208	28%	
West Virginia	561	434	77%	21	4%	106	19%	127	23%	
Wisconsin	1,072	755	70%	45	4%	273	25%	317	30%	
Wyoming	208	154	74%	7	3%	48	23%	54	26%	
U.S. Total	58,395	44,111	76%	2,226	4%	12,057	21%	14,284	24%	
	625	433	69%	30	5%	,	26%		31%	

Table 4Drivers Involved in Fatal Crashes, by State and BAC of the Driver, 2013

	Total	BAC	= .00	BAC =	.0107	BAC =	= .08+	BAC = .01+	
State	Drivers Involved	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	1,113	826	74%	45	4%	241	22%	287	26%
Alaska	66	51	77%	1	2%	14	21%	15	23%
Arizona	1,153	906	79%	41	4%	205	18%	247	21%
Arkansas	632	484	77%	30	5%	117	19%	148	23%
California	4,087	3,132	77%	157	4%	798	20%	955	23%
Colorado	627	473	75%	25	4%	129	21%	154	25%
Connecticut	369	246	67%	16	4%	108	29%	124	33%
Delaware	150	107	71%	4	3%	39	26%	43	29%
District of Columbia	31	24	79%	0	1%	6	20%	7	21%
Florida	3,344	2,589	77%	118	4%	638	19%	756	23%
Georgia	1,621	1,298	80%	53	3%	270	17%	323	20%
Hawaii	123	83	67%	9	7%	31	25%	40	33%
Idaho	273	203	75%	13	5%	57	21%	70	25%
Illinois	1,345	975	72%	69	5%	301	22%	370	28%
Indiana	1,089	860	79%	43	4%	186	17%	229	21%
lowa	433	330	76%	11	2%	92	21%	103	24%
Kansas	469	348	74%	20	4%	102	22%	122	26%
Kentucky	873	687	79%	25	3%	161	18%	186	21%
Louisiana	955	695	73%	40	4%	220	23%	260	27%
Maine	189	138	73%	12	6%	40	21%	52	27%
Maryland	645	476	74%	37	6%	132	20%	169	26%
Massachusetts	413	273	66%	27	6%	114	27%	140	34%
Michigan	1,356	1,069	79%	53	4%	234	17%	287	21%
Minnesota	559	446	80%	23	4%	90	16%	113	20%
Mississippi	779	548	70%	28	4%	203	26%	232	30%
Missouri	992	736	74%	40	4%	215	22%	256	26%
Montana	266	177	66%	10	4%	80	30%	89	34%
Nebraska	275	209	76%	11	4%	56	20%	66	24%
Nevada	372	279	75%	14	4%	79	21%	93	25%
New Hampshire	168	118	70%	7	4%	43	26%	50	30%
New Jersey	748	570	76%	39	5%	140	19%	178	24%
New Mexico	389	281	72%	24	6%	84	22%	108	28%
New York	1,568	1,135	72%	81	5%	352	22%	433	28%
North Carolina	1,750	1,355	77%	60	3%	335	19%	395	23%
North Dakota	213	145	68%	11	5%	57	27%	68	32%
Ohio	1,477	1,180	80%	46	3%	251	17%	297	20%
Oklahoma	969	781	81%	35	4%	153	16%	188	19%
Oregon	419	296	71%	20	5%	103	25%	123	29%
Pennsylvania	1,688	1,267	75%	63	4%	359	21%	421	25%
Rhode Island	83	55	66%	5	6%	23	28%	28	34%
South Carolina	1,027	653	64%	50	5%	325	32%	374	36%
South Dakota	182	140	77%	6	3%	36	20%	42	23%
Tennessee	1,390	1,091	78%	48	3%	252	18%	300	22%
Texas	4,611	3,084	67%	242	5%	1,285	28%	1,527	33%
Utah	287	244	85%	6	2%	37	13%	43	15%
Vermont	89	66	74%	6	6%	17	20%	23	26%
Virginia	992	716	72%	45	4%	232	23%	277	28%
Washington	593	432	73%	20	3%	141	24%	161	27%
West Virginia	430	324	75%	21	5%	85	20%	106	25%
Wisconsin	796	588	74%	35	4%	173	20%	208	26%
Wyoming	106	81	74%	4	4%	21	20%	25	24%
U.S. Total	44,574	33,267	75%	1,846	4%	9,461	20%	11,307	25%
Puerto Rico	429	279	65%	28	7%	122	28%	150	35%
Source: FARS 2013 ARF.	720	213	0070	20	1/0	122	2070	100	0070

Table 5BAC Test Status for Drivers Involved in Fatal Traffic Crashes, by State, 2004 and 2013

-	Total	2004 Tested With K	nown Results	Total Drivers	2013 Tested With K	nown Results
State	Drivers Involved	Number	Percent	Involved	Number	Percent
Alabama	1,535	153	10%	1,113	516	46%
Alaska	140	59	42%	66	47	71%
Arizona	1,506	356	24%	1,153	652	57%
Arkansas	924	608	66%	632	436	69%
California	5,639	2,760	49%	4,087	1,883	46%
Colorado	951	334	35%	627	276	44%
Connecticut	413	162	39%	369	134	36%
Delaware	193	91	47%	150	45	30%
District of Columbia	69	35	51%	31	15	48%
Florida	4,575	1,710	37%	3,344	1,383	41%
Georgia	2,351	831	35%	1,621	669	41%
lawaii	187	121	65%	123	81	66%
daho	338	185	55%	273	136	50%
llinois	1,893	983	52%	1,345	754	56%
ndiana	1,343	965	72%	1,089	682	63%
owa	545	181	33%	433	174	40%
Kansas	617	308	50%	469	302	64%
Kentucky	1,312	568	43%	873	524	60%
ouisiana	1,299	619	48%	955	544	57%
<i>Maine</i>	256	205	80%	189	161	85%
Maryland	870	412	47%	645	262	41%
Aassachusetts	616	96	16%	413	146	35%
/lichigan	1,672	819	49%	1,356	654	48%
<i>A</i> innesota	808	602	75%	559	306	55%
/lississippi	1,136	389	34%	779	229	29%
Vissouri	1,489	801	54%	992	722	73%
Aontana	273	196	72%	266	225	85%
Vebraska	350	287	82%	275	211	77%
levada	529	280	53%	372	197	53%
Vew Hampshire	235	143	61%	168	137	82%
New Jersey	1,074	567	53%	748	400	53%
lew Mexico	628	326	52%	389	143	37%
lew York	2,000	491	25%	1,568	589	38%
Iorth Carolina	2,174	967	44%	1,750	805	46%
North Dakota	135	70	52%	213	135	63%
Dhio	1,811	1,178	65%	1,477	661	45%
Oklahoma	1,006	485	48%	969	638	66%
Dregon	584	349	60%	419	275	66%
Pennsylvania	2,101	980	47%	1,688	829	49%
Rhode Island	115	47	41%	83	36	43%
South Carolina	1,349	1,084	80%	1,027	460	45%
South Dakota	232	176	76%	182	144	79%
Tennessee	1,788	595	33%	1,390	674	48%
exas	5,040	1,801	36%	4,611	1,569	34%
Jtah	372	227	61%	287	150	52%
/ermont	125	91	73%	89	56	63%
/irginia	1,206	319	26%	992	267	27%
Vashington	750	392	52%	593	301	51%
Vest Virginia	561	277	49%	430	238	55%
Visconsin	1,072	701	65%	796	603	76%
Vyoming	208	108	52%	106	59	56%
J.S. Total	58,395	26,490	45 %	44,574	21,535	48%
Puerto Rico	625	397	64%	429	336	78%

Table 6Driver Fatalities, by State and BAC Test Status, 2004

	Total	Tested With Known Results		Tested With Unknown Results		Not T	ested	Unknown if Tested	
State	Driver Fatalities	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	798	82	10%	261	33%	317	40%	138	17%
laska	72	24	33%	5	7%	43	60%	0	0%
Arizona	609	299	49%	88	14%	27	4%	195	32%
Arkansas	472	365	77%	0	0%	107	23%	0	0%
California	2,294	2,056	90%	25	1%	212	9%	1	0%
Colorado	400	251	63%	23	6%	47	12%	79	20%
Connecticut	202	119	59%	5	2%	10	5%	68	34%
Delaware	83	56	67%	3	4%	24	29%	0	0%
District of Columbia	25	21	84%	0	0%	2	8%	2	8%
Florida	1,910	1,171	61%	54	3%	684	36%	1	0%
Georgia	1,064	516	48%	109	10%	439	41%	0	0%
lawaii	74	69	93%	4	5%	0	0%	1	1%
daho	165	127	77%	5	3%	31	19%	2	1%
llinois	844	755	89%	1	0%	85	10%	3	0%
ndiana	642	466	73%	15	2%	161	25%	0	0%
owa	255	86	34%	10	4%	159	62%	0	0%
Kansas	310	162	52%	3	4 % 1%	145	47%	0	0%
Kentucky	674	384	57%	17	3%	273	41%	0	0%
	584	258	44%	241	41%	40	7%	45	8%
<mark>.ouisiana //</mark> Maine	138	120	87%		0%	18	13%	45	0%
Maryland	389	332	85%	0	1%	38	10%	17	4%
2									
Aassachusetts	292	93	32%	108	37%	35	12%	56	19%
/lichigan	712	485	68%	24	3%	203	29%	0	0%
/linnesota	389	333	86%	4	1%	42	11%	10	3%
Mississippi Aissassippi	652	285	44%	1	0%	365	56%	1	0%
Aissouri	754	620	82%	3	0%	86	11%	45	6%
Nontana	160	134	84%	5	3%	18	11%	3	2%
lebraska	171	150	88%	0	0%	21	12%	0	0%
Vevada	230	179	78%	2	1%	49	21%	0	0%
lew Hampshire	118	115	97%	0	0%	2	2%	1	1%
lew Jersey	425	363	85%	0	0%	62	15%	0	0%
lew Mexico	277	245	88%	16	6%	13	5%	3	1%
Vew York	830	431	52%	3	0%	25	3%	371	45%
North Carolina	1,016	956	94%	56	6%	4	0%	0	0%
North Dakota	75	62	83%	0	0%	13	17%	0	0%
Dhio	860	759	88%	2	0%	99	12%	0	0%
Oklahoma	485	412	85%	0	0%	71	15%	2	0%
Dregon	283	244	86%	25	9%	13	5%	1	0%
Pennsylvania	1,000	806	81%	113	11%	59	6%	22	2%
Rhode Island	55	47	85%	0	0%	8	15%	0	0%
South Carolina	701	563	80%	44	6%	94	13%	0	0%
South Dakota	129	102	79%	5	4%	19	15%	3	2%
ennessee	924	356	39%	324	35%	244	26%	0	0%
exas	2,193	1,201	55%	83	4%	860	39%	49	2%
Jtah	173	114	66%	1	1%	58	34%	0	0%
/ermont	66	63	95%	0	0%	2	3%	1	2%
/irginia	606	310	51%	3	0%	55	9%	238	39%
Vashington	354	304	86%	2	1%	27	8%	21	6%
Vest Virginia	280	246	88%	1	0%	31	11%	2	1%
Visconsin	556	502	90%	0	0%	47	8%	7	1%
Vyoming	101	76	75%	0	0%	23	23%	2	2%
J.S. Total	26,871	18,275	68 %	1,696	6 %	5,510	21 %	1,390	5%
Puerto Rico	221	180	81%	4	2%	37	17%	0	0%

Driver Fatalities, by State and BAC Test Status, 2013

		Tested With			d With				
	Total		Results		n Results		ested		if Tested
State	Driver Fatalities	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	613	331	54%	74	12%	203	33%	5	1%
Alaska	37	28	76%	0	0%	9	24%	0	0%
Arizona	471	392	83%	1	0%	53	11%	25	5%
Arkansas	328	238	73%	0	0%	42	13%	48	15%
California	1,569	1,226	78%	3	0%	121	8%	219	14%
Colorado	315	247	78%	13	4%	55	17%	0	0%
Connecticut	183	83	45%	0	0%	13	7%	87	48%
Delaware	56	34	61%	1	2%	20	36%	1	2%
District of Columbia	9	6	67%	2	22%	0	0%	1	11%
Florida	1,391	1,005	72%	0	0%	253	18%	133	10%
Georgia	722	439	61%	7	1%	276	38%	0	0%
Hawaii	58	50	86%	0	0%	2	3%	6	10%
Idaho	148	79	53%	27	18%	41	28%	1	1%
Illinois	629	544	86%	25	4%	60	10%	0	0%
Indiana	527	322	61%	26	5%	179	34%	0	0%
lowa	233	116	50%	4	2%	112	48%	1	0%
Kansas	250	164	66%	0	0%	54	22%	32	13%
Kentucky	453	356	79%	0	0%	94	21%	3	1%
Louisiana	474	246	52%	144	30%	49	10%	35	7%
Maine	109	96	88%	3	3%	1	1%	9	8%
Maryland	270	230	85%	0	0%	6	2%	34	13%
Massachusetts	200	142	71%	4	2%	4	2%	50	25%
Michigan	606	360	59%	45	7%	132	22%	69	11%
Minnesota	258	222	86%	0	0%	20	8%	16	6%
Mississippi Missouri	438 523	186 436	<mark>42%</mark> 83%	16	<mark>4%</mark> 1%	215 82	<mark>49%</mark> 16%	21	5% 0%
Missouri Montana	149	131	88%	5	0%	18	10%	0	0%
Nebraska	137	105	77%	0	0%	32	23%	0	0%
Nevada	142	135	95%	3	2%	32	23 %	1	1%
New Hampshire	142	93	92%	0	0%	8	8%	0	0%
New Jersey	304	258	85%	0	0%	45	15%	1	0%
New Mexico	166	123	74%	2	1%	26	16%	15	9%
New York	636	532	84%	0	0%	12	2%	92	14%
North Carolina	886	741	84%	0	0%	134	15%	11	1%
North Dakota	117	104	89%	1	1%	12	10%	0	0%
Ohio	690	544	79%	6	1%	140	20%	0	0%
Oklahoma	451	402	89%	0	0%	49	11%	0	0%
Oregon	204	184	90%	0	0%	17	8%	3	1%
Pennsylvania	837	621	74%	85	10%	103	12%	28	3%
Rhode Island	41	34	83%	0	0%	7	17%	0	0%
South Carolina	535	430	80%	6	1%	95	18%	4	1%
South Dakota	100	87	87%	2	2%	10	10%	1	1%
Tennessee	715	378	53%	0	0%	268	37%	69	10%
Texas	2,132	1,156	54%	0	0%	855	40%	121	6%
Utah	135	92	68%	0	0%	43	32%	0	0%
Vermont	46	41	89%	0	0%	4	9%	1	2%
Virginia	509	264	52%	6	1%	55	11%	184	36%
Washington	271	245	90%	1	0%	21	8%	4	1%
West Virginia	242	228	94%	3	1%	6	2%	5	2%
Wisconsin	396	361	91%	0	0%	31	8%	4	1%
Wyoming	59	38	64%	0	0%	19	32%	2	3%
U.S. Total	20,871	14,905	71%	515	2%	4,109	20%	1,342	6 %
Puerto Rico	179	171	96%	0	0%	8	4%	0	0%
Source: FARS 2013 ARF.					5,0	.	.,.	-	5,0

Table 8Surviving Drivers Involved in Fatal Crashes, by State and BAC Test Status, 2004

	Total	Tested With Known Results		Tested With Unknown Results		Not Tested		Unknown if Tested	
State	Surviving Drivers	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	737	71	10%	140	19%	422	57%	104	14%
Alaska	68	35	51%	1	1%	32	47%	0	0%
Arizona	897	57	6%	55	6%	519	58%	266	30%
Arkansas	452	243	54%	0	0%	209	46%	0	0%
California	3,345	704	21%	66	2%	2,527	76%	48	1%
Colorado	551	83	15%	17	3%	409	74%	42	8%
Connecticut	211	43	20%	6	3%	117	55%	45	21%
Delaware	110	35	32%	1	1%	73	66%	1	1%
District of Columbia	44	14	32%	1	2%	28	64%	1	2%
Iorida	2,665	539	20%	79	3%	2,045	77%	2	0%
Georgia	1,287	315	24%	57	4%	915	71%	0	0%
Hawaii	113	52	46%	7	6%	54	48%	0	0%
daho	173	58	34%	2	1%	113	65%	0	0%
llinois	1,049	228	22%	9	1%	808	77%	4	0%
ndiana	701	499	71%	12	2%	190	27%	0	0%
owa	290	95	33%	6	2%	189	65%	0	0%
Kansas	307	146	48%	0	0%	161	52%	0	0%
Kentucky	638	184	29%	14	2%	440	69%	0	0%
ouisiana	715	361	50%	140	20%	183	26%	31	4%
Vaine	118	85	72%	0	0%	33	28%	0	0%
Maryland	481	80	17%	15	3%	378	79%	8	2%
Vassachusetts	324	3	1%	6	2%	295	91%	20	6%
	960	334	35%	59	6%	295 567	91% 59%	20	0%
<mark>Michigan</mark> Minnesota	419	269	64%	4	1%	117	28%	29	7%
								29	
Mississippi Missouri	484 735	104 181	21% 25%	3 10	<mark>1%</mark> 1%	376 529	<mark>78%</mark> 72%	15	0% 2%
Vissouri		62	25% 55%		5%		35%	5	2% 4%
Montana Nahraaka	113 179	137	77%	6	0%	40 42	<u>35%</u> 23%		<u>4%</u> 0%
Vebraska				0				0	
Vevada	299	101	34%	6	2%	192	64%	0	0%
New Hampshire	117	28	24%	0	0%	89	76%	0	0%
New Jersey	649	204	31%	1	0%	444	68%	0	0%
New Mexico	351	81	23%	24	7%	236	67%	10	3%
Vew York	1,170	60	5%	3	0%	55	5%	1,052	90%
North Carolina	1,158	11	1%	102	9%	1,040	90%	5	0%
North Dakota	60	8	13%	1	2%	51	85%	0	0%
Dhio	951	419	44%	1	0%	530	56%	1	0%
Oklahoma	521	73	14%	21	4%	423	81%	4	1%
Dregon	301	105	35%	9	3%	187	62%	0	0%
Pennsylvania	1,101	174	16%	115	10%	773	70%	39	4%
Rhode Island	60	0	0%	3	5%	53	88%	4	7%
South Carolina	648	521	80%	74	11%	53	8%	0	0%
South Dakota	103	74	72%	1	1%	27	26%	1	1%
ennessee	864	239	28%	215	25%	410	47%	0	0%
exas	2,847	600	21%	129	5%	2,065	73%	53	2%
Jtah	199	113	57%	1	1%	85	43%	0	0%
/ermont	59	28	47%	0	0%	25	42%	6	10%
/irginia	600	9	2%	14	2%	503	84%	74	12%
Washington	396	88	22%	7	2%	292	74%	9	2%
Nest Virginia	281	31	11%	13	5%	236	84%	1	0%
Nisconsin	516	199	39%	0	0%	317	61%	0	0%
Nyoming	107	32	30%	1	1%	73	68%	1	1%
J.S. Total	31,524	8,215	26 %	1,457	5%	19,970	63 %	1,882	6%
Puerto Rico	404	217	54%	13	3%	174	43%	0	0%

Surviving Drivers Involved in Fatal Crashes, by State and BAC Test Status, 2013

		Teste	d With	Tester	d With				
	Total	Known	Results	Unknowi	n Results	Not T	ested	Unknown	if Tested
State	Surviving Drivers	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	500	185	37%	35	7%	279	56%	1	0%
Alaska	29	19	66%	0	0%	10	34%	0	0%
Arizona	682	260	38%	0	0%	392	57%	30	4%
Arkansas	304	198	65%	0	0%	66	22%	40	13%
California	2,518	657	26%	12	0%	1,825	72%	24	1%
Colorado	312	29	9%	36	12%	240	77%	7	2%
Connecticut	186	51	27%	9	5%	56	30%	70	38%
Delaware	94	11	12%	5	5%	76	81%	2	2%
District of Columbia	22	9	41%	2	9%	9	41%	2	9%
Florida	1,953	378	19%	2	0%	1,044	53%	529	27%
Georgia	899	230	26%	4	0%	665	74%	0	0%
Hawaii	65	31	48%	0	0%	29	45%	5	8%
Idaho	125	57	46%	6	5%	62	50%	0	0%
Illinois	716	210	29%	72	10%	426	59%	8	1%
Indiana	562	360	64%	36	6%	166	30%	0	0%
lowa	200	58	29%	2	1%	139	70%	1	1%
Kansas	219	138	63%	0	0%	60	27%	21	10%
Kentucky	420	168	40%	2	0%	245	58%	5	1%
Louisiana	481	298	62%	60	12%	98	20%	25	5%
Maine	80	65	81%	1	1%	8	10%	6	8%
Maryland	375	32	9%	0	0%	319	85%	24	6%
Massachusetts	213	4	2%	2	1%	3	1%	204	96%
Vichigan	750	294	39%	11	1%	445	59%	0	0%
Minnesota	301	84	28%	2	1%	208	69%	7	2%
Mississippi	341	43	13%	7	2%	253	74%	38	11%
Missouri	469	286	61%	6	1%	177	38%	0	0%
Montana Nebraska	117 138	94 106	80% 77%	0	<mark>0%</mark> 0%	22 32	<mark>19%</mark> 23%	1 0	<mark>1%</mark> 0%
Nevada	230	62	27%	1	0%	156	68%	11	5%
New Hampshire	67	44	66%	0	0%	23	34%	0	0%
New Jersey	444	142	32%	0	0%	300	<u>68%</u>	2	0%
New Mexico	223	20	9%	8	4%	125	56%	70	31%
New York	932	57	<u> </u>	1	0%	123	2%	855	92%
North Carolina	864	64	7%	1	0%	754	87%	45	5%
North Dakota	96	31	32%	0	0%	65	68%	0	0%
Ohio	787	117	15%	12	2%	655	83%	3	0%
Oklahoma	518	236	46%	0	0%	282	54%	0	0%
Oregon	215	91	42%	1	0%	123	57%	0	0%
Pennsylvania	851	208	24%	48	6%	555	65%	40	5%
Rhode Island	42	200	5%	0	0%	35	83%	5	12%
South Carolina	492	30	6%	29	6%	314	64%	119	24%
South Dakota	82	57	70%	1	1%	24	29%	0	0%
Tennessee	675	296	44%	1	0%	362	54%	16	2%
Texas	2,479	413	17%	0	0%	1,896	76%	170	7%
Utah	152	58	38%	11	7%	83	55%	0	0%
Vermont	43	15	35%	0	0%	27	63%	1	2%
Virginia	483	3	1%	33	7%	420	87%	27	6%
Washington	322	56	17%	20	6%	241	75%	5	2%
West Virginia	188	10	5%	19	10%	158	84%	1	1%
Wisconsin	400	242	61%	3	1%	154	39%	1	0%
Wyoming	47	21	45%	0	0%	22	47%	4	9%
U.S. Total	23,703	6,630	28%	501	2%	14,147	60%	2,425	10%
Puerto Rico	250	165	66%	12	5%	73	29%	0	0%

Percentage of Fatalities in Alcohol-Impaired-Driving Crashes and Percentage of Drivers Involved in Fatal Crashes with BACs of .08 or Higher, by Region and State, 2004 and 2013

			of Fatalities r BAC = .08+	Percentage Involved in Fatal Cras	
Re	egion and State	2004	2013	2004	2013
Region I	Connecticut	38%	41%	27%	29%
	Maine	30%	29%	21%	21%
	Massachusetts	36%	36%	27%	27%
	New Hampshire	30%	34%	21%	26%
	Rhode Island	46%	38%	31%	28%
	Vermont	20%	27%	15%	20%
Region II	New Jersey	26%	27%	17%	19%
U U	New York	29%	30%	20%	22%
	Pennsylvania	35%	30%	23%	21%
	Puerto Rico*	35%	37%	26%	28%
Region III	Delaware	29%	39%	18%	26%
- 3 -	District of Columbia	30%	31%	20%	20%
	Kentucky	27%	26%	17%	18%
	Maryland	33%	30%	22%	20%
	North Carolina	27%	29%	18%	19%
	Virginia	31%	34%	22%	23%
	West Virginia	26%	27%	19%	20%
Region IV	Alabama	31%	31%	22%	22%
logioniti	Florida	27%	28%	18%	19%
	Georgia	25%	25%	15%	17%
	South Carolina	35%	44%	25%	32%
	Tennessee	33%	28%	22%	18%
Region V	Illinois	35%	32%	23%	22%
logion v	Indiana	25%	25%	16%	17%
	Michigan	28%	27%	19%	17%
	Minnesota	28%	25%	18%	16%
	Ohio	31%	27%	20%	17%
	Wisconsin	37%	33%	25%	22%
Region VI	Louisiana	34%	33%	22%	23%
legion vi	Mississippi	35%	34%	25%	26%
	New Mexico	30%	30%	20%	20%
	Oklahoma	29%	25%	19%	16%
	Texas	36%	40%	25%	28%
Region VII	Arkansas	29%	25%	19%	19%
legion vii	lowa	29%	32%	14%	21%
	Kansas	25%	29%	14 %	21%
	Missouri	33%	33%	23%	22%
			28%	20%	22 %
Region VIII	Nebraska Colorado	29% 30%	30%	20%	20%
region vin	Nevada	28%	30%	20%	21%
					21%
	North Dakota	34%	42%	25%	
	South Dakota	36%	31%	24%	20%
	Utah	23%	17%	16%	13%
legion IV	Wyoming	31%	29%	23%	20%
legion IX	Arizona	29%	26%	20%	18%
	California	29%	29%	19%	20%
	Hawaii	31%	33%	22%	25%
legion X	Alaska	27%	30%	19%	21%
	Idaho	29%	27%	21%	21%
	Montana	42%	40%	33%	30%
	Oregon	33%	33%	21%	25%
	Washington	36%	34%	25%	24%
	U.S. Total	31 %	31%	21%	21 %

Source: FARS 2004 Final File, 2013 ARF. *Not included in U.S. total.