

Traffic Safety Facts

2005 Data

State Alcohol Estimates

The following data provide estimates of alcohol involvement in fatal crashes for the United States and individually for the 50 States, the District of Columbia, and Puerto Rico (not included in the national totals). These estimates are based on data from NHTSA's Fatality Analysis Reporting System (FARS). Unfortunately, known blood alcohol concentration (BAC) test results are not available for all drivers and nonoccupants involved in fatal crashes. Missing data can result for a number of reasons, the most frequent of which is that persons are not always tested for alcohol.

To address the missing data issue, NHTSA has developed and employs a statistical model to estimate the likelihood that a fatal crash-involved driver or nonoccupant was sober, had some alcohol, or was intoxicated at the time of the crash. The statistical model is based on important characteristics of the crash including crash factors (e.g., time of day, day of week, type of crash, location), vehicle factors (e.g., vehicle type and role in the crash), and person factors (e.g., age, sex, restraint use, previous driving violations), and whether or not the State had a 21-year-old minimum drinking age law.

The statistical model was developed using all available known data in the aggregate (that is, at the national level) and applied to each individual driver and nonoccupant with an unknown BAC test result. The estimates presented include a mix of both known and estimated BACs.

A motor vehicle crash is considered to be alcohol-related if at least one driver or nonoccupant (such as a pedestrian or pedalcyclist) involved in the crash is determined to have had a BAC of .01 gram per deciliter (g/dL) or higher. Thus, any fatality that occurs in an alcohol-related crash is considered an alcohol-related fatality. The term "alcohol-related" does not indicate that a crash or fatality was caused by the presence of alcohol.

Great caution should be exercised 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 (older drivers and female drivers exhibit lower levels of alcohol involvement, drivers of older vehicles exhibit higher levels of alcohol involvement, pedestrian fatalities as a group exhibit high levels of alcohol involvement);
- Degree of urbanization (alcohol involvement in single- and multi-vehicle crashes tends to be greater in urban fatal crashes, while alcohol involvement in nonoccupant fatal crashes is higher in rural areas);
- Types of vehicles (motorcycle drivers exhibit high levels of alcohol involvement followed by drivers of light trucks/vans; drivers of medium and heavy trucks exhibit the lowest levels of alcohol involvement).

One of the major differences among States is in the degree of testing for driver and nonoccupant BACs. These differences in testing affect the accuracy and reliability of the estimates presented, and for 2005 range from a low of 8 percent known BACs to a high of 82 percent known BACs. States with higher rates of known BACs yield estimates of fatal crash alcohol involvement with greater accuracy and precision.

Estimates of Alcohol-Involved Fatalities

The following tables estimate alcohol involvement for the Nation and on a State-by-State basis for 1982 and 2005 using NHTSA's discriminant function model as applied to the FARS data. This model estimates BACs of drivers and nonoccupants when their BAC is not available. The estimates presented represent the combination of known and estimated BACs.

A driver or nonoccupant involved is considered alcohol-related if he/she is involved in the fatal crash and exhibits a BAC of .01 or greater (the last column on the right in the tables). A fatality is considered alcohol-related if any driver or nonoccupant involved in the crash had a positive BAC. Estimates are presented for four categories:

- (1) BAC of .00
- (2) BAC of .01-.07
- (3) BAC of .08 or greater
- (4) BAC of .01 or greater (the sum of (2) and (3)).

Nationwide in 2005, alcohol was involved in 39 percent of the traffic fatalities (BAC .01-.07, 5 percent; BAC .08 or greater, 33 percent), translating to 16,885 alcohol-related fatalities.

Table 1
Fatalities by Highest Blood Alcohol Concentration (BAC) in the Crash, 1982

State	Total Fatalities	BAC = .00 g/dL		BAC = .01-.07 g/dL		BAC ≥ .08 g/dL		BAC ≥ .01 g/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	839	353	42	51	6	436	52	486	58
Alaska	105	41	39	3	2	62	59	64	61
Arizona	724	302	42	46	6	376	52	422	58
Arkansas	550	216	39	30	5	304	55	334	61
California	4,615	1,816	39	316	7	2,484	54	2,799	61
Colorado	668	246	37	48	7	374	56	422	63
Connecticut	515	159	31	36	7	320	62	356	69
Delaware	122	41	33	8	6	74	60	82	67
Dist of Columbia	35	14	39	4	12	17	49	21	61
Florida	2,653	1,246	47	167	6	1,240	47	1,407	53
Georgia	1,229	479	39	100	8	651	53	750	61
Hawaii	163	60	37	9	5	94	58	103	63
Idaho	256	124	49	22	9	110	43	132	51
Illinois	1,651	637	39	136	8	879	53	1,014	61
Indiana	961	457	48	67	7	437	46	504	52
Iowa	480	230	48	31	6	219	46	250	52
Kansas	498	245	49	25	5	228	46	253	51
Kentucky	822	340	41	81	10	401	49	482	59
Louisiana	1,091	433	40	90	8	568	52	658	60
Maine	166	72	44	10	6	83	50	94	56
Maryland	640	280	44	40	6	319	50	360	56
Massachusetts	659	252	38	38	6	369	56	407	62
Michigan	1,392	521	37	91	7	780	56	871	63
Minnesota	571	249	44	30	5	291	51	322	56
Mississippi	730	307	42	39	5	384	53	423	58
Missouri	890	407	46	61	7	422	47	483	54
Montana	254	83	33	24	10	147	58	171	67
Nebraska	261	130	50	19	7	112	43	131	50
Nevada	280	89	32	21	7	170	61	191	68
New Hampshire	173	62	36	13	7	98	57	111	64
New Jersey	1,061	439	41	107	10	515	49	622	59
New Mexico	577	202	35	45	8	329	57	375	65
New York	2,162	1,031	48	154	7	977	45	1,131	52
North Carolina	1,303	476	37	84	6	743	57	827	63
North Dakota	148	51	34	12	8	85	58	97	66
Ohio	1,607	641	40	103	6	864	54	966	60
Oklahoma	1,054	446	42	85	8	523	50	608	58
Oregon	518	196	38	34	6	288	56	322	62
Pennsylvania	1,819	771	42	106	6	942	52	1,048	58
Rhode Island	105	35	33	6	6	65	61	71	67
South Carolina	730	289	40	38	5	402	55	441	60
South Dakota	148	58	39	9	6	82	55	90	61
Tennessee	1,055	388	37	70	7	597	57	668	63
Texas	4,213	1,413	34	231	5	2,570	61	2,801	66
Utah	295	175	59	15	5	105	36	120	41
Vermont	107	37	35	16	15	54	50	70	65
Virginia	881	388	44	55	6	438	50	493	56
Washington	748	266	36	37	5	445	60	482	64
West Virginia	450	206	46	18	4	226	50	244	54
Wisconsin	770	291	38	38	5	441	57	479	62
Wyoming	201	83	41	13	6	105	52	118	59
U.S. Total	43,945	17,773	40	2,927	7	23,246	53	26,173	60
Puerto Rico	480	214	44	24	5	242	50	267	56

Table 2
Fatalities by Highest Blood Alcohol Concentration (BAC) in the Crash, 2005

State	Total Fatalities	BAC = .00 g/dL		BAC = .01-.07 g/dL		BAC ≥ .08 g/dL		BAC ≥ .01 g/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	1,131	708	63	42	4	382	34	423	37
Alaska	72	37	52	4	6	31	43	35	48
Arizona	1,177	685	58	58	5	434	37	492	42
Arkansas	648	415	64	25	4	208	32	233	36
California	4,329	2,610	60	254	6	1,466	34	1,719	40
Colorado	606	362	60	31	5	213	35	244	40
Connecticut	274	154	56	19	7	101	37	120	44
Delaware	134	68	51	6	5	59	44	66	49
Dist of Columbia	48	22	45	5	11	21	44	26	55
Florida	3,543	2,072	58	201	6	1,271	36	1,471	42
Georgia	1,729	1,184	68	82	5	463	27	545	32
Hawaii	140	69	49	13	9	58	42	71	51
Idaho	275	186	68	5	2	85	31	89	32
Illinois	1,361	781	57	103	8	477	35	580	43
Indiana	938	618	66	47	5	273	29	320	34
Iowa	450	332	74	16	4	102	23	118	26
Kansas	428	277	65	30	7	122	28	151	35
Kentucky	985	672	68	47	5	267	27	313	32
Louisiana	955	561	59	47	5	347	36	394	41
Maine	169	110	65	8	5	50	30	59	35
Maryland	614	379	62	44	7	191	31	235	38
Massachusetts	442	271	61	21	5	150	34	171	39
Michigan	1,129	708	63	58	5	363	32	421	37
Minnesota	559	358	64	26	5	176	31	201	36
Mississippi	931	560	60	40	4	331	36	371	40
Missouri	1,257	742	59	81	6	434	35	515	41
Montana	251	127	51	12	5	112	45	124	49
Nebraska	276	185	67	13	5	78	28	91	33
Nevada	427	268	63	16	4	143	33	159	37
New Hampshire	166	106	64	5	3	55	33	60	36
New Jersey	748	485	65	46	6	217	29	263	35
New Mexico	488	299	61	17	3	172	35	189	39
New York	1,429	905	63	91	6	434	30	524	37
North Carolina	1,534	985	64	65	4	484	32	549	36
North Dakota	123	65	53	13	10	46	37	58	47
Ohio	1,323	818	62	96	7	409	31	505	38
Oklahoma	802	519	65	34	4	249	31	283	35
Oregon	488	311	64	38	8	139	29	177	36
Pennsylvania	1,616	980	61	77	5	559	35	636	39
Rhode Island	87	44	50	10	11	34	39	43	50
South Carolina	1,093	629	58	68	6	396	36	464	42
South Dakota	186	106	57	4	2	76	41	80	43
Tennessee	1,270	806	63	67	5	397	31	464	37
Texas	3,504	1,935	55	198	6	1,371	39	1,569	45
Utah	282	245	87	2	1	35	12	37	13
Vermont	73	44	60	1	2	28	38	29	40
Virginia	947	600	63	63	7	284	30	347	37
Washington	647	353	55	41	6	253	39	294	45
West Virginia	374	248	66	11	3	116	31	126	34
Wisconsin	815	446	55	41	5	328	40	369	45
Wyoming	170	105	62	9	5	56	33	65	38
U.S. Total	43,443	26,558	61	2,346	5	14,539	33	16,885	39
Puerto Rico	453	237	52	33	7	184	41	217	48

Estimates of Alcohol-Involved Drivers

The following tables estimate alcohol involvement for the Nation and on a State-by-State basis for 1982 and 2005 using NHTSA's discriminant function model as applied to the FARS data. This model estimates BACs of drivers and nonoccupants when their BAC is not available. The estimates presented represent the combination of known and estimated BACs.

A driver or nonoccupant involved is considered alcohol-related if he/she is involved in the fatal crash and exhibits a BAC of .01 or greater (the last column on the right in the tables). Estimates are presented for four categories:

- (1) BAC of .00
- (2) BAC of .01-.07
- (3) BAC of .08 or greater
- (4) BAC of .01 or greater (the sum of (2) and (3)).

Nationwide in 2005, alcohol was present in 24 percent of the drivers involved in fatal crashes (BAC .01-.07, 4 percent; BAC .08 or greater, 20 percent).

Table 3
Drivers Involved in Fatal Crashes by Blood Alcohol Concentration (BAC) of the Driver, 1982

State	Total Drivers Involved	BAC = .00 g/dL		BAC = .01-.07 g/dL		BAC ≥ .08 g/dL		BAC ≥ .01 g/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	1,046	624	60	51	5	372	36	422	40
Alaska	143	77	53	8	6	58	41	67	47
Arizona	915	577	63	51	6	287	31	338	37
Arkansas	682	382	56	39	6	261	38	300	44
California	5,914	3,473	59	339	6	2,102	36	2,441	41
Colorado	817	441	54	55	7	322	39	376	46
Connecticut	678	338	50	47	7	292	43	340	50
Delaware	171	92	54	12	7	68	40	79	46
Dist of Columbia	50	31	62	4	8	15	30	19	38
Florida	3,564	2,358	66	189	5	1,018	29	1,206	34
Georgia	1,614	952	59	112	7	550	34	662	41
Hawaii	200	111	55	11	5	79	39	90	45
Idaho	287	174	61	21	7	93	32	113	39
Illinois	2,131	1,276	60	125	6	731	34	856	40
Indiana	1,269	814	64	67	5	388	31	455	36
Iowa	622	403	65	30	5	190	30	220	35
Kansas	646	426	66	25	4	196	30	220	34
Kentucky	1,015	619	61	71	7	326	32	396	39
Louisiana	1,407	829	59	114	8	464	33	578	41
Maine	208	128	61	8	4	72	35	80	39
Maryland	832	524	63	42	5	267	32	308	37
Massachusetts	831	463	56	44	5	324	39	368	44
Michigan	1,879	1,078	57	111	6	690	37	801	43
Minnesota	759	476	63	30	4	253	33	283	37
Mississippi	892	537	60	39	4	316	35	355	40
Missouri	1,141	726	64	53	5	362	32	415	36
Montana	299	149	50	28	9	123	41	150	50
Nebraska	342	228	67	17	5	97	28	114	33
Nevada	335	181	54	19	6	135	40	155	46
New Hampshire	223	125	56	13	6	85	38	98	44
New Jersey	1,369	844	62	106	8	419	31	525	38
New Mexico	660	362	55	42	6	256	39	298	45
New York	2,687	1,787	66	138	5	763	28	901	34
North Carolina	1,655	968	58	90	5	597	36	687	42
North Dakota	192	100	52	14	7	78	41	92	48
Ohio	2,045	1,171	57	110	5	764	37	874	43
Oklahoma	1,402	876	63	78	6	448	32	526	37
Oregon	653	363	56	39	6	251	38	290	44
Pennsylvania	2,368	1,442	61	118	5	808	34	926	39
Rhode Island	128	66	51	7	6	55	43	62	49
South Carolina	937	574	61	40	4	323	35	364	39
South Dakota	180	99	55	11	6	70	39	81	45
Tennessee	1,336	724	54	81	6	531	40	612	46
Texas	5,177	2,672	52	295	6	2,210	43	2,505	48
Utah	371	265	71	20	5	87	23	106	29
Vermont	121	66	54	12	10	43	35	55	46
Virginia	1,114	693	62	58	5	363	33	421	38
Washington	950	505	53	44	5	401	42	445	47
West Virginia	547	340	62	16	3	190	35	207	38
Wisconsin	991	540	54	49	5	403	41	451	46
Wyoming	234	137	59	12	5	85	36	97	41
U.S. Total	56,029	33,202	59	3,152	6	19,676	35	22,827	41
Puerto Rico	578	378	65	28	5	172	30	200	35

Table 4

Drivers Involved in Fatal Crashes by Blood Alcohol Concentration (BAC) of the Driver, 2005

State	Total Drivers Involved	BAC = .00 g/dL		BAC = .01-.07 g/dL		BAC ≥ .08 g/dL		BAC ≥ .01 g/dL	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	1,537	1,177	77	37	2	323	21	360	23
Alaska	102	74	73	3	3	24	24	28	27
Arizona	1,576	1,197	76	53	3	327	21	379	24
Arkansas	885	680	77	26	3	179	20	205	23
California	5,764	4,419	77	228	4	1,117	19	1,345	23
Colorado	847	628	74	32	4	187	22	219	26
Connecticut	385	280	73	17	5	88	23	106	27
Delaware	193	142	73	6	3	45	23	52	27
Dist of Columbia	57	38	67	4	8	15	26	19	33
Florida	5,005	3,899	78	174	3	932	19	1,106	22
Georgia	2,506	2,047	82	74	3	385	15	459	18
Hawaii	176	115	65	12	7	49	28	61	35
Idaho	337	263	78	4	1	69	21	74	22
Illinois	1,936	1,452	75	84	4	400	21	484	25
Indiana	1,313	1,033	79	46	4	234	18	280	21
Iowa	597	491	82	14	2	93	15	106	18
Kansas	576	437	76	28	5	112	19	139	24
Kentucky	1,317	1,040	79	45	3	233	18	277	21
Louisiana	1,323	988	75	48	4	287	22	335	25
Maine	225	173	77	7	3	45	20	52	23
Maryland	903	710	79	42	5	151	17	193	21
Massachusetts	599	450	75	19	3	130	22	149	25
Michigan	1,620	1,276	79	56	3	288	18	344	21
Minnesota	769	595	77	24	3	150	20	174	23
Mississippi	1,163	849	73	37	3	277	24	314	27
Missouri	1,664	1,219	73	79	5	366	22	445	27
Montana	284	185	65	11	4	88	31	99	35
Nebraska	366	285	78	13	4	68	19	81	22
Nevada	585	452	77	19	3	114	19	133	23
New Hampshire	226	172	76	5	2	49	22	54	24
New Jersey	1,056	849	80	41	4	166	16	207	20
New Mexico	582	447	77	14	2	121	21	135	23
New York	1,885	1,465	78	84	4	337	18	421	22
North Carolina	2,106	1,666	79	56	3	384	18	441	21
North Dakota	132	82	62	7	5	43	33	50	38
Ohio	1,941	1,483	76	92	5	367	19	459	24
Oklahoma	1,061	821	77	30	3	210	20	240	23
Oregon	687	541	79	29	4	117	17	147	21
Pennsylvania	2,280	1,706	75	75	3	500	22	575	25
Rhode Island	113	79	70	7	6	27	24	34	30
South Carolina	1,419	1,039	73	62	4	318	22	380	27
South Dakota	225	162	72	4	2	59	26	63	28
Tennessee	1,746	1,338	77	59	3	349	20	408	23
Texas	4,727	3,403	72	183	4	1,141	24	1,324	28
Utah	362	328	91	2	1	32	9	34	9
Vermont	102	73	71	2	2	27	26	29	29
Virginia	1,242	937	75	58	5	248	20	305	25
Washington	856	606	71	38	4	213	25	250	29
West Virginia	497	385	77	10	2	102	20	112	23
Wisconsin	1,055	733	69	37	4	285	27	322	31
Wyoming	194	134	69	8	4	53	27	60	31
U.S. Total	59,104	45,036	76	2,147	4	11,921	20	14,068	24
Puerto Rico	596	419	70	41	7	136	23	177	30

Availability of Known BAC Test Results

The following tables present the percentage of drivers and nonoccupants involved in fatal crashes where a BAC test was given and the results were in the FARS file. Individual tables are presented for all drivers/nonoccupants, fatally injured drivers and surviving drivers.

Nationwide in 2005, a total of 17,581 fatally injured drivers had BAC test results out of a total of 27,472, or 64 percent. For surviving drivers, BAC test results were known on 7,471 out of 31,632 drivers, or 24 percent. Overall in 2005, FARS contained BAC test results on a total of 25,052 drivers out of 59,104 involved in fatal crashes, or 42 percent. Statistics for the base year 1982 are also presented. Any individual State proportion greater than the national percentage is considered good. The higher the proportion of drivers with known BAC test results, the more reliable the State estimate.

Table 5
Driver Fatalities by State and Blood Alcohol Concentration (BAC) Test Status, 1982

State	Total Driver Fatalities	With Known Results		With Unknown Results		Not Tested		Unknown if Tested	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	510	89	17	202	40	215	42	4	1
Alaska	63	27	43	2	3	28	44	6	10
Arizona	353	187	53	49	14	78	22	39	11
Arkansas	324	37	11	1	0	228	70	58	18
California	2,604	2,279	88	2	0	321	12	2	0
Colorado	369	314	85	6	2	49	13	0	0
Connecticut	311	212	68	19	6	80	26	0	0
Delaware	75	69	92	0	0	6	8	0	0
Dist of Columbia	16	14	88	0	0	1	6	1	6
Florida	1,304	423	32	208	16	662	51	11	1
Georgia	734	467	64	34	5	233	32	0	0
Hawaii	87	79	91	0	0	8	9	0	0
Idaho	131	29	22	18	14	68	52	16	12
Illinois	901	639	71	66	7	172	19	24	3
Indiana	599	285	48	102	17	185	31	27	5
Iowa	317	133	42	56	18	117	37	11	3
Kansas	315	59	19	29	9	209	66	18	6
Kentucky	502	365	73	23	5	113	23	1	0
Louisiana	591	128	22	249	42	209	35	5	1
Maine	99	50	51	5	5	43	43	1	1
Maryland	350	291	83	1	0	58	17	0	0
Massachusetts	370	44	12	239	65	19	5	68	18
Michigan	778	472	61	32	4	270	35	4	1
Minnesota	319	250	78	11	3	38	12	20	6
Mississippi	437	38	9	12	3	58	13	329	75
Missouri	534	144	27	12	2	153	29	225	42
Montana	148	79	53	0	0	34	23	35	24
Nebraska	161	89	55	13	8	33	20	26	16
Nevada	165	149	90	0	0	16	10	0	0
New Hampshire	107	51	48	9	8	47	44	0	0
New Jersey	524	453	86	3	1	68	13	0	0
New Mexico	305	253	83	21	7	27	9	4	1
New York	994	618	62	8	1	111	11	257	26
North Carolina	726	327	45	112	15	284	39	3	0
North Dakota	105	4	4	32	30	62	59	7	7
Ohio	899	390	43	128	14	277	31	104	12
Oklahoma	652	467	72	0	0	185	28	0	0
Oregon	293	269	92	2	1	22	8	0	0
Pennsylvania	1,061	734	69	80	8	247	23	0	0
Rhode Island	53	50	94	0	0	2	4	1	2
South Carolina	413	205	50	54	13	151	37	3	1
South Dakota	85	61	72	0	0	24	28	0	0
Tennessee	646	466	72	2	0	177	27	1	0
Texas	2,378	42	2	669	28	1,667	70	0	0
Utah	157	126	80	7	4	23	15	1	1
Vermont	59	51	86	1	2	5	8	2	3
Virginia	489	358	73	99	20	31	6	1	0
Washington	441	358	81	14	3	1	0	68	15
West Virginia	260	195	75	6	2	58	22	1	0
Wisconsin	459	390	85	6	1	58	13	5	1
Wyoming	117	87	74	10	9	20	17	0	0
U.S. Total	24,690	13,396	54	2,654	11	7,251	29	1,389	6
Puerto Rico	162	94	58	0	0	67	41	1	1

Table 6
Driver Fatalities by State and Blood Alcohol Concentration (BAC) Test Status, 2005

State	Total Driver Fatalities	With Known Results		With Unknown Results		Not Tested		Unknown if Tested	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	788	74	9	24	3	308	39	382	48
Alaska	45	37	82	0	0	8	18	0	0
Arizona	649	279	43	49	8	54	8	267	41
Arkansas	477	267	56	0	0	83	17	127	27
California	2,310	1,951	84	156	7	203	9	0	0
Colorado	394	65	16	249	63	73	19	7	2
Connecticut	176	115	65	3	2	12	7	46	26
Delaware	92	49	53	2	2	41	45	0	0
Dist of Columbia	19	15	79	2	11	0	0	2	11
Florida	2,039	1,205	59	221	11	610	30	3	0
Georgia	1,161	545	47	96	8	520	45	0	0
Hawaii	80	78	98	1	1	1	1	0	0
Idaho	190	128	67	2	1	58	31	2	1
Illinois	841	736	88	0	0	68	8	37	4
Indiana	663	403	61	36	5	224	34	0	0
Iowa	306	114	37	5	2	186	61	1	0
Kansas	301	134	45	2	1	126	42	39	13
Kentucky	692	472	68	12	2	202	29	6	1
Louisiana	618	159	26	304	49	68	11	87	14
Maine	109	100	92	0	0	9	8	0	0
Maryland	375	332	89	9	2	15	4	19	5
Massachusetts	287	127	44	42	15	29	10	89	31
Michigan	709	471	66	20	3	218	31	0	0
Minnesota	380	198	52	37	10	67	18	78	21
Mississippi	632	308	49	0	0	324	51	0	0
Missouri	865	716	83	6	1	92	11	51	6
Montana	163	137	84	4	2	17	10	5	3
Nebraska	185	153	83	1	1	31	17	0	0
Nevada	263	187	71	20	8	52	20	4	2
New Hampshire	128	115	90	0	0	13	10	0	0
New Jersey	427	373	87	0	0	53	12	1	0
New Mexico	277	255	92	16	6	6	2	0	0
New York	785	464	59	4	1	32	4	285	36
North Carolina	1,002	854	85	146	15	2	0	0	0
North Dakota	86	73	85	0	0	13	15	0	0
Ohio	918	807	88	51	6	60	7	0	0
Oklahoma	546	441	81	1	0	102	19	2	0
Oregon	318	282	89	12	4	11	3	13	4
Pennsylvania	1,104	884	80	115	10	82	7	23	2
Rhode Island	49	43	88	1	2	5	10	0	0
South Carolina	721	556	77	87	12	78	11	0	0
South Dakota	115	88	77	6	5	20	17	1	1
Tennessee	904	239	26	373	41	288	32	4	0
Texas	2,094	883	42	7	0	961	46	243	12
Utah	161	86	53	10	6	65	40	0	0
Vermont	55	53	96	0	0	1	2	1	2
Virginia	643	387	60	0	0	44	7	212	33
Washington	402	349	87	0	0	23	6	30	7
West Virginia	262	216	82	7	3	22	8	17	6
Wisconsin	548	483	88	2	0	57	10	6	1
Wyoming	118	95	81	3	3	20	17	0	0
U.S. Total	27,472	17,581	64	2,144	8	5,657	21	2,090	8
Puerto Rico	233	176	76	5	2	52	22	0	0

Table 7

Surviving Drivers by State and Blood Alcohol Concentration (BAC) Test Status, 1982

State	Total Surviving Drivers	With Known Results		With Unknown Results		Not Tested		Unknown if Tested	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	536	10	2	108	20	415	77	3	1
Alaska	80	26	33	0	0	48	60	6	8
Arizona	562	64	11	20	4	399	71	79	14
Arkansas	358	41	11	0	0	281	78	36	10
California	3,310	684	21	65	2	2,413	73	148	4
Colorado	448	206	46	0	0	240	54	2	0
Connecticut	367	80	22	19	5	268	73	0	0
Delaware	96	72	75	0	0	23	24	1	1
Dist of Columbia	34	10	29	0	0	23	68	1	3
Florida	2,260	467	21	199	9	1,477	65	117	5
Georgia	880	325	37	15	2	539	61	1	0
Hawaii	113	17	15	1	1	95	84	0	0
Idaho	156	22	14	22	14	108	69	4	3
Illinois	1,230	54	4	30	2	1,094	89	52	4
Indiana	670	154	23	40	6	440	66	36	5
Iowa	305	36	12	13	4	244	80	12	4
Kansas	331	26	8	17	5	277	84	11	3
Kentucky	513	100	19	18	4	394	77	1	0
Louisiana	816	236	29	140	17	420	51	20	2
Maine	109	15	14	3	3	90	83	1	1
Maryland	482	25	5	32	7	423	88	2	0
Massachusetts	461	19	4	4	1	202	44	236	51
Michigan	1,101	219	20	13	1	861	78	8	1
Minnesota	440	120	27	103	23	150	34	67	15
Mississippi	455	35	8	4	1	162	36	254	56
Missouri	607	31	5	15	2	467	77	94	15
Montana	151	40	26	2	1	83	55	26	17
Nebraska	181	101	56	7	4	50	28	23	13
Nevada	170	79	46	1	1	90	53	0	0
New Hampshire	116	28	24	5	4	83	72	0	0
New Jersey	845	237	28	3	0	603	71	2	0
New Mexico	355	29	8	64	18	232	65	30	8
New York	1,693	45	3	23	1	933	55	692	41
North Carolina	929	5	1	157	17	744	80	23	2
North Dakota	87	10	11	20	23	55	63	2	2
Ohio	1,146	186	16	52	5	828	72	80	7
Oklahoma	750	41	5	42	6	665	89	2	0
Oregon	360	94	26	3	1	263	73	0	0
Pennsylvania	1,307	163	12	30	2	1,114	85	0	0
Rhode Island	75	8	11	6	8	54	72	7	9
South Carolina	524	24	5	85	16	390	74	25	5
South Dakota	95	49	52	0	0	46	48	0	0
Tennessee	690	304	44	2	0	377	55	7	1
Texas	2,799	78	3	195	7	2,524	90	2	0
Utah	214	130	61	8	4	76	36	0	0
Vermont	62	41	66	1	2	15	24	5	8
Virginia	625	7	1	34	5	582	93	2	0
Washington	509	137	27	33	6	307	60	32	6
West Virginia	287	50	17	5	2	230	80	2	1
Wisconsin	532	91	17	28	5	410	77	3	1
Wyoming	117	22	19	7	6	86	74	2	2
U.S. Total	31,339	5,093	16	1,694	5	22,393	71	2,159	7
Puerto Rico	416	65	16	5	1	343	82	3	1

Table 8
Surviving Drivers by State and Blood Alcohol Concentration (BAC) Test Status, 2005

State	Total Surviving Drivers	With Known Results		With Unknown Results		Not Tested		Unknown if Tested	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	749	55	7	15	2	438	58	241	32
Alaska	57	24	42	2	4	31	54	0	0
Arizona	927	44	5	52	6	95	10	736	79
Arkansas	408	153	38	0	0	183	45	72	18
California	3,454	647	19	99	3	2,662	77	46	1
Colorado	453	17	4	113	25	311	69	12	3
Connecticut	209	54	26	10	5	99	47	46	22
Delaware	101	13	13	1	1	85	84	2	2
Dist of Columbia	38	16	42	0	0	10	26	12	32
Florida	2,966	442	15	267	9	2,245	76	12	0
Georgia	1,345	300	22	67	5	975	72	3	0
Hawaii	96	39	41	1	1	56	58	0	0
Idaho	147	46	31	3	2	98	67	0	0
Illinois	1,095	200	18	4	0	808	74	83	8
Indiana	650	388	60	31	5	231	36	0	0
Iowa	291	100	34	2	1	189	65	0	0
Kansas	275	140	51	2	1	104	38	29	11
Kentucky	625	172	28	6	1	446	71	1	0
Louisiana	705	345	49	130	18	146	21	84	12
Maine	116	88	76	0	0	26	22	2	2
Maryland	528	66	13	12	2	434	82	16	3
Massachusetts	312	2	1	3	1	291	93	16	5
Michigan	911	320	35	50	5	540	59	1	0
Minnesota	389	173	44	25	6	98	25	93	24
Mississippi	531	126	24	0	0	405	76	0	0
Missouri	799	234	29	16	2	543	68	6	1
Montana	121	69	57	6	5	43	36	3	2
Nebraska	181	123	68	1	1	57	31	0	0
Nevada	322	97	30	4	1	219	68	2	1
New Hampshire	98	31	32	0	0	67	68	0	0
New Jersey	629	213	34	1	0	415	66	0	0
New Mexico	305	106	35	17	6	176	58	6	2
New York	1,100	47	4	5	0	49	4	999	91
North Carolina	1,104	19	2	84	8	981	89	20	2
North Dakota	46	15	33	0	0	31	67	0	0
Ohio	1,023	360	35	3	0	660	65	0	0
Oklahoma	515	88	17	8	2	416	81	3	1
Oregon	369	139	38	18	5	207	56	5	1
Pennsylvania	1,176	249	21	89	8	802	68	36	3
Rhode Island	64	2	3	2	3	60	94	0	0
South Carolina	698	594	85	62	9	42	6	0	0
South Dakota	110	68	62	3	3	38	35	1	1
Tennessee	842	155	18	249	30	431	51	7	1
Texas	2,633	456	17	3	0	1,921	73	253	10
Utah	201	73	36	16	8	112	56	0	0
Vermont	47	17	36	0	0	29	62	1	2
Virginia	599	1	0	8	1	486	81	104	17
Washington	454	73	16	2	0	358	79	21	5
West Virginia	235	32	14	9	4	193	82	1	0
Wisconsin	507	219	43	0	0	288	57	0	0
Wyoming	76	21	28	1	1	54	71	0	0
U.S. Total	31,632	7,471	24	1,502	5	19,684	62	2,975	9
Puerto Rico	363	214	59	13	4	136	37	0	0

Table 9

Blood Alcohol Concentration (BAC) Test Status for Drivers, Pedestrians, and Pedalcyclists Involved in Fatal Traffic Crashes, 1982 and 2005

State	1982			2005		
	Total Involved	Tested With Known Results		Total Involved	Tested With Known Results	
		Number	Percent		Number	Percent
Alabama	1,161	110	9	1,625	132	8
Alaska	159	58	36	110	65	59
Arizona	1,093	315	29	1,784	416	23
Arkansas	765	80	10	929	431	46
California	6,896	3,575	52	6,712	3,258	49
Colorado	925	596	64	907	85	9
Connecticut	773	332	43	426	194	46
Delaware	201	169	84	210	70	33
Dist of Columbia	64	33	52	77	44	57
Florida	4,420	1,067	24	5,757	2,009	35
Georgia	1,808	869	48	2,688	924	34
Hawaii	240	126	53	215	154	72
Idaho	315	52	17	349	179	51
Illinois	2,524	883	35	2,136	1,093	51
Indiana	1,405	470	33	1,395	816	58
Iowa	675	173	26	634	218	34
Kansas	703	88	13	605	280	46
Kentucky	1,143	523	46	1,390	673	48
Louisiana	1,681	397	24	1,466	523	36
Maine	237	70	30	238	194	82
Maryland	975	423	43	1,021	496	49
Massachusetts	996	72	7	689	163	24
Michigan	2,177	796	37	1,796	880	49
Minnesota	847	413	49	824	385	47
Mississippi	980	90	9	1,240	458	37
Missouri	1,263	201	16	1,765	1,021	58
Montana	322	125	39	301	214	71
Nebraska	376	200	53	378	284	75
Nevada	392	272	69	666	335	50
New Hampshire	249	89	36	234	151	65
New Jersey	1,686	889	53	1,237	732	59
New Mexico	773	369	48	648	421	65
New York	3,430	951	28	2,279	723	32
North Carolina	1,932	427	22	2,312	1,047	45
North Dakota	203	14	7	144	97	67
Ohio	2,353	650	28	2,058	1,256	61
Oklahoma	1,538	592	38	1,128	577	51
Oregon	732	410	56	750	468	62
Pennsylvania	2,728	1,063	39	2,480	1,260	51
Rhode Island	159	80	50	128	58	45
South Carolina	1,093	294	27	1,540	1,238	80
South Dakota	197	126	64	239	164	69
Tennessee	1,464	836	57	1,828	408	22
Texas	6,028	125	2	5,234	1,497	29
Utah	425	278	65	385	164	43
Vermont	141	104	74	105	72	69
Virginia	1,284	454	35	1,353	447	33
Washington	1,068	561	53	943	487	52
West Virginia	605	267	44	534	273	51
Wisconsin	1,114	554	50	1,115	746	67
Wyoming	257	121	47	203	119	59
U.S. Total	64,975	21,832	34	65,210	28,399	44
Puerto Rico	818	256	31	752	486	65

State-Level Estimates on a Regional Basis

For the States in the various NHTSA regions, the following table summarizes the estimated percentages of fatalities that were alcohol-related (BAC of .01 or greater) in 1982 and 2005 and the estimated percentage of drivers involved in fatal crashes with BAC of .08 or greater.

Table 10

Estimated Percent Alcohol-Related Fatalities and Drivers With BAC .08 or Greater in Fatal Crashes by Region and State, 1982 and 2005

Region and State		Estimated Percent of Alcohol-Related Fatalities (Driver or Nonoccupant with BAC \geq .01 g/dL)		Estimated Percent of Drivers in Fatal Crashes with BAC \geq .08 g/dL	
		1982	2005	1982	2005
New England Region	Connecticut	69	44	43	23
	Maine	56	35	35	20
	Massachusetts	62	39	39	22
	New Hampshire	64	36	38	22
	Rhode Island	67	50	43	24
	Vermont	65	40	35	26
Eastern Region	New Jersey	59	35	31	16
	New York	52	37	28	18
	Puerto Rico	56	48	30	23
Mid-Atlantic Region	Delaware	67	49	40	23
	Dist of Columbia	61	55	30	26
	Maryland	56	38	32	17
	Pennsylvania	58	39	34	22
	Virginia	56	37	33	20
	West Virginia	54	34	35	20
Southeast Region	Alabama	58	37	36	21
	Florida	53	42	29	19
	Georgia	61	32	34	15
	Kentucky	59	32	32	18
	Mississippi	58	40	35	24
	North Carolina	63	36	36	18
	South Carolina	60	42	35	22
	Tennessee	63	37	40	20
Great Lakes Region	Illinois	61	43	34	21
	Indiana	52	34	31	18
	Michigan	63	37	37	18
	Minnesota	56	36	33	20
	Ohio	60	38	37	19
	Wisconsin	62	45	41	27
South Central Region	Arkansas	61	36	38	20
	Louisiana	60	41	33	22
	New Mexico	65	39	39	21
	Oklahoma	58	35	32	20
	Texas	66	45	43	24
Central Region	Iowa	52	26	30	15
	Kansas	51	35	30	19
	Missouri	54	41	32	22
	Nebraska	50	33	28	19
Rocky Mountain Region	Colorado	63	40	39	22
	Montana	67	49	41	31
	North Dakota	66	47	41	33
	South Dakota	61	43	39	26
	Utah	41	13	23	9
	Wyoming	59	38	36	27
Western Region	Arizona	58	42	31	21
	California	61	40	36	19
	Hawaii	63	51	39	28
	Nevada	68	37	40	19
Northwest Region	Alaska	61	48	41	24
	Idaho	51	32	32	21
	Oregon	62	36	38	17
	Washington	64	45	42	25
U.S. Total		60	39	35	20

For more information:

Information on State alcohol estimates is available from the National Center for Statistics and Analysis, NPO-101, 400 Seventh Street SW., Washington, DC 20590. NCSA information can also be obtained by telephone or by fax-on-demand at 800-934-8517. Fax messages should be sent to 202-366-7078. General information on highway traffic safety can be accessed by Internet users at www.nhtsa.dot.gov/people/nca. 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 *Overview, Alcohol, Bicyclists and Other Cyclists* (formerly titled *Pedalcyclists*), *Children, Large Trucks, Motorcycles, Occupant Protection, Older Population, Pedestrians, 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 accessed online at www.nhtsa.dot.gov/people/nca.