



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 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 (BAC of zero), had some alcohol (BAC of 0.01-0.09), or was intoxicated (BAC of 0.10 or greater) 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.

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 2000 range from a low of 11 percent known BACs to a high of 88 percent known BACs. States with higher rates of known BACs yield estimates of fatal crash alcohol involvement with greater accuracy and precision.

For more information:

Information on state alcohol estimates is available from the National Center for Statistics and Analysis, NRD-31, 400 Seventh Street, S.W., Washington, D.C. 20590. NCSA information can also be obtained by telephone or by fax-on-demand at 1-800-934-8517. FAX messages should be sent to (202) 366-7078. General information on highway traffic safety can be accessed by Internet users at <http://www.nhtsa.dot.gov/people/ncsa>. To report a safety-related problem or to inquire about motor vehicle safety information, contact the Auto Safety Hotline at 1-800-424-9393.

Estimates of Alcohol-Involved Fatalities

The following tables estimate alcohol involvement for the nation and on a state-by-state basis for 1982 and 2000 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 0.01 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 0.00 (no alcohol)
- (2) BAC of 0.01-0.09 (low alcohol)
- (3) BAC of 0.10 or greater (high alcohol)
- (4) BAC of 0.01 or greater (any alcohol, the sum of (2) and (3)).

Nationwide in 2000, alcohol was involved in 40 percent of the traffic fatalities (9 percent low alcohol and 31 percent high alcohol), translating to 16,653 alcohol-related fatalities.

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

State	Total Fatalities	No Alcohol (BAC = 0.00 g/dl)		Low Alcohol (BAC = 0.01-0.09 g/dl)		High Alcohol (BAC ≥ 0.10 g/dl)		Any Alcohol (BAC ≥ 0.01 g/dl)	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	839	372	44	89	11	379	45	467	56
Alaska	105	48	45	3	3	54	52	57	55
Arizona	724	317	44	73	10	334	46	407	56
Arkansas	550	214	39	66	12	270	49	336	61
California	4,615	1,894	41	498	11	2,223	48	2,721	59
Colorado	668	252	38	75	11	342	51	416	62
Connecticut	515	163	32	66	13	286	56	352	68
Delaware	122	42	34	11	9	70	57	80	66
District of Columbia	35	14	40	6	17	15	43	21	60
Florida	2,653	1,418	53	252	10	983	37	1,235	47
Georgia	1,229	509	41	145	12	575	47	720	59
Hawaii	163	63	39	18	11	82	50	100	61
Idaho	256	143	56	26	10	87	34	113	44
Illinois	1,651	683	41	202	12	766	46	968	59
Indiana	961	495	52	91	9	375	39	466	48
Iowa	480	255	53	47	10	179	37	225	47
Kansas	498	274	55	41	8	183	37	224	45
Kentucky	822	379	46	99	12	344	42	443	54
Louisiana	1,091	496	45	139	13	457	42	595	55
Maine	166	84	50	18	11	64	39	82	50
Maryland	640	292	46	61	9	288	45	348	54
Massachusetts	659	266	40	79	12	314	48	393	60
Michigan	1,392	562	40	136	10	693	50	830	60
Minnesota	571	260	45	47	8	265	46	311	55
Mississippi	730	319	44	79	11	332	45	411	56
Missouri	890	444	50	96	11	350	39	446	50
Montana	254	87	34	32	12	135	53	167	66
Nebraska	261	136	52	24	9	101	39	125	48
Nevada	280	93	33	34	12	152	54	187	67
New Hampshire	173	72	42	20	12	81	47	101	58
New Jersey	1,061	467	44	145	14	449	42	594	56
New Mexico	577	210	36	67	12	300	52	367	64
New York	2,162	1,143	53	241	11	777	36	1,019	47
North Carolina	1,303	520	40	137	10	646	50	783	60
North Dakota	148	53	36	15	10	80	54	95	64
Ohio	1,607	699	44	159	10	749	47	908	56
Oklahoma	1,054	463	44	121	11	471	45	591	56
Oregon	518	193	37	55	11	270	52	325	63
Pennsylvania	1,819	756	42	219	12	845	46	1,063	58
Rhode Island	105	36	34	20	19	49	47	69	66
South Carolina	730	300	41	69	9	361	50	430	59
South Dakota	148	59	40	11	7	78	53	89	60
Tennessee	1,055	397	38	112	11	546	52	658	62
Texas	4,213	1,325	31	553	13	2,335	55	2,888	69
Utah	295	182	62	18	6	95	32	113	38
Vermont	107	38	36	20	19	48	45	69	64
Virginia	881	416	47	87	10	378	43	465	53
Washington	748	273	37	73	10	402	54	475	63
West Virginia	450	221	49	33	7	196	44	229	51
Wisconsin	770	295	38	67	9	408	53	475	62
Wyoming	201	90	45	17	8	95	47	111	55
U.S. Total	43,945	18,780	43	4,809	11	20,356	46	25,165	57
Puerto Rico	480	245	51	40	8	195	41	235	49

Table 2. Fatalities by Highest Blood Alcohol Concentration (BAC) in the Crash, 2000

State	Total Fatalities	No Alcohol (BAC = 0.00 g/dl)		Low Alcohol (BAC = 0.01-0.09 g/dl)		High Alcohol (BAC ≥ 0.10 g/dl)		Any Alcohol (BAC ≥ 0.01 g/dl)	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	995	596	60	74	7	326	33	399	40
Alaska	103	50	48	9	9	44	43	53	52
Arizona	1,036	580	56	102	10	354	34	456	44
Arkansas	652	452	69	61	9	139	21	200	31
California	3,753	2,352	63	340	9	1,061	28	1,401	37
Colorado	681	425	62	58	8	198	29	256	38
Connecticut	342	184	54	40	12	119	35	158	46
Delaware	123	63	51	11	9	49	40	60	49
District of Columbia	49	30	61	5	10	14	29	19	39
Florida	2,999	1,808	60	261	9	930	31	1,191	40
Georgia	1,541	971	63	132	9	438	28	570	37
Hawaii	131	77	59	17	13	37	28	54	41
Idaho	276	162	59	33	12	81	29	114	41
Illinois	1,418	804	57	126	9	489	34	614	43
Indiana	875	605	69	56	6	214	24	270	31
Iowa	445	321	72	24	6	100	22	124	28
Kansas	461	307	67	36	8	118	26	154	33
Kentucky	820	564	69	53	6	203	25	256	31
Louisiana	937	490	52	95	10	352	38	447	48
Maine	169	118	70	13	7	38	22	51	30
Maryland	588	363	62	64	11	161	27	225	38
Massachusetts	433	215	50	65	15	153	35	218	50
Michigan	1,382	876	63	109	8	397	29	506	37
Minnesota	625	370	59	48	8	207	33	255	41
Mississippi	949	570	60	89	9	289	30	379	40
Missouri	1,157	646	56	124	11	387	33	511	44
Montana	237	127	54	18	8	92	39	110	46
Nebraska	276	173	63	33	12	70	25	103	37
Nevada	323	178	55	32	10	112	35	145	45
New Hampshire	126	77	61	9	7	40	31	49	39
New Jersey	731	412	56	88	12	231	32	319	44
New Mexico	430	225	52	46	11	159	37	205	48
New York	1,458	1,039	71	126	9	293	20	419	29
North Carolina	1,472	949	64	103	7	419	28	523	36
North Dakota	86	45	52	5	6	36	42	41	48
Ohio	1,351	835	62	105	8	411	30	516	38
Oklahoma	652	431	66	53	8	169	26	221	34
Oregon	451	263	58	56	12	132	29	188	42
Pennsylvania	1,520	902	59	107	7	511	34	618	41
Rhode Island	80	39	49	10	12	31	38	41	51
South Carolina	1,065	643	60	94	9	329	31	422	40
South Dakota	173	92	53	15	9	66	38	81	47
Tennessee	1,306	795	61	112	9	399	31	511	39
Texas	3,769	1,871	50	448	12	1,450	38	1,898	50
Utah	373	284	76	21	6	68	18	89	24
Vermont	79	48	61	4	5	27	34	31	39
Virginia	930	589	63	85	9	257	28	341	37
Washington	632	357	56	59	9	217	34	275	44
West Virginia	410	235	57	26	6	149	36	175	43
Wisconsin	799	454	57	57	7	288	36	345	43
Wyoming	152	107	70	6	4	40	26	45	30
U.S. Total	41,821	25,168	60	3,761	9	12,892	31	16,653	40
Puerto Rico	566	289	51	73	13	203	36	277	49

Estimates of Alcohol-Involved Drivers

The following tables estimate alcohol involvement for the nation and on a state-by-state basis for 1982 and 2000 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 0.01 or greater (the last column on the right in the tables). Estimates are presented for four categories:

- (1) BAC of 0.00 (no alcohol),
- (2) BAC of 0.01-0.09 (low alcohol),
- (3) BAC of 0.10 or greater (high alcohol), and
- (4) BAC of 0.01 or greater (any alcohol, the sum of (2) and (3)).

Nationwide in 2000, alcohol was present in 24 percent of the drivers involved in fatal crashes (6 percent low alcohol and 18 percent high alcohol).

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

State	Total Drivers Involved	No Alcohol (BAC = 0.00 g/dl)		Low Alcohol (BAC = 0.01-0.09 g/dl)		High Alcohol (BAC ≥ 0.10 g/dl)		Any Alcohol (BAC ≥ 0.01 g/dl)	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	1,046	647	62	87	8	312	30	399	38
Alaska	143	83	58	9	6	51	36	60	42
Arizona	915	597	65	73	8	245	27	318	35
Arkansas	682	377	55	77	11	228	33	305	45
California	5,914	3,586	61	499	8	1,829	31	2,328	39
Colorado	817	450	55	78	10	288	35	367	45
Connecticut	678	343	51	81	12	254	37	335	49
Delaware	171	93	54	17	10	61	36	78	46
District of Columbia	50	31	63	6	13	12	25	19	37
Florida	3,564	2,506	70	255	7	803	23	1,058	30
Georgia	1,614	985	61	153	10	476	29	629	39
Hawaii	200	115	57	18	9	67	33	85	43
Idaho	287	188	66	25	9	74	26	99	34
Illinois	2,131	1,333	63	189	9	609	29	798	37
Indiana	1,269	851	67	90	7	328	26	418	33
Iowa	622	427	69	43	7	152	24	195	31
Kansas	646	456	71	37	6	153	24	190	29
Kentucky	1,015	662	65	80	8	273	27	353	35
Louisiana	1,407	891	63	159	11	357	25	516	37
Maine	208	139	67	13	6	56	27	69	33
Maryland	832	540	65	62	7	230	28	292	35
Massachusetts	831	482	58	83	10	267	32	349	42
Michigan	1,879	1,122	60	165	9	592	32	757	40
Minnesota	759	486	64	49	6	224	30	273	36
Mississippi	892	545	61	80	9	267	30	347	39
Missouri	1,141	765	67	81	7	295	26	376	33
Montana	299	152	51	35	12	112	37	147	49
Nebraska	342	232	68	23	7	86	25	110	32
Nevada	335	186	56	28	8	121	36	149	44
New Hampshire	223	133	60	19	9	70	32	90	40
New Jersey	1,369	875	64	141	10	352	26	494	36
New Mexico	660	371	56	63	10	226	34	289	44
New York	2,687	1,899	71	196	7	591	22	788	29
North Carolina	1,655	1,018	62	136	8	501	30	637	38
North Dakota	192	100	52	19	10	72	38	92	48
Ohio	2,045	1,238	61	169	8	637	31	807	39
Oklahoma	1,402	901	64	115	8	386	28	501	36
Oregon	653	360	55	65	10	228	35	293	45
Pennsylvania	2,368	1,420	60	239	10	708	30	948	40
Rhode Island	128	67	52	16	13	45	35	61	48
South Carolina	937	586	63	73	8	278	30	351	37
South Dakota	180	100	55	16	9	64	36	80	45
Tennessee	1,336	734	55	130	10	472	35	602	45
Texas	5,177	2,546	49	662	13	1,969	38	2,631	51
Utah	371	272	73	23	6	76	21	99	27
Vermont	121	67	55	17	14	37	31	54	45
Virginia	1,114	723	65	85	8	306	27	391	35
Washington	950	518	54	78	8	354	37	432	46
West Virginia	547	355	65	29	5	162	30	192	35
Wisconsin	991	549	55	83	8	359	36	442	45
Wyoming	234	144	62	16	7	73	31	90	38
U.S. Total	56,029	34,250	61	4,987	9	16,793	30	21,779	39
Puerto Rico	578	411	71	40	7	127	22	167	29

Table 4. Drivers Involved in Fatal Crashes by Blood Alcohol Concentration (BAC) of the Driver, 2000

State	Total Drivers Involved	No Alcohol (BAC = 0.00 g/dl)		Low Alcohol (BAC = 0.01-0.09 g/dl)		High Alcohol (BAC ≥ 0.10 g/dl)		Any Alcohol (BAC ≥ 0.01 g/dl)	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	1,362	1,001	74	72	5	289	21	361	26
Alaska	121	75	62	10	8	36	30	46	38
Arizona	1,348	1,008	75	83	6	257	19	340	25
Arkansas	852	677	79	56	7	120	14	175	21
California	5,079	4,019	79	292	6	769	15	1,060	21
Colorado	932	726	78	60	6	146	16	206	22
Connecticut	466	325	70	40	9	101	22	141	30
Delaware	179	127	71	15	8	38	21	52	29
District of Columbia	65	49	76	5	7	11	17	16	24
Florida	4,266	3,341	78	246	6	679	16	925	22
Georgia	2,149	1,682	78	120	6	347	16	467	22
Hawaii	171	128	75	12	7	31	18	43	25
Idaho	338	242	72	25	7	71	21	96	28
Illinois	1,974	1,453	74	124	6	397	20	521	26
Indiana	1,269	1,025	81	56	4	189	15	244	19
Iowa	633	523	83	25	4	85	13	110	17
Kansas	637	496	78	35	6	106	17	141	22
Kentucky	1,082	862	80	44	4	176	16	220	20
Louisiana	1,228	839	68	100	8	290	24	389	32
Maine	229	185	81	12	5	31	14	44	19
Maryland	873	692	79	59	7	121	14	181	21
Massachusetts	605	412	68	64	11	129	21	193	32
Michigan	2,008	1,587	79	107	5	314	16	421	21
Minnesota	883	655	74	47	5	181	20	228	26
Mississippi	1,236	897	73	86	7	253	20	339	27
Missouri	1,574	1,140	72	122	8	312	20	434	28
Montana	284	194	68	18	6	72	25	90	32
Nebraska	369	285	77	26	7	58	16	84	23
Nevada	399	276	69	34	8	90	22	123	31
New Hampshire	168	117	70	13	8	37	22	51	30
New Jersey	1,048	790	75	84	8	174	17	258	25
New Mexico	553	396	72	40	7	117	21	157	28
New York	2,005	1,684	84	90	5	231	12	321	16
North Carolina	2,037	1,603	79	93	5	341	17	434	21
North Dakota	106	66	62	6	6	34	32	40	38
Ohio	1,905	1,449	76	100	5	356	19	456	24
Oklahoma	890	701	79	45	5	144	16	189	21
Oregon	632	478	76	44	7	109	17	154	24
Pennsylvania	2,110	1,579	75	97	5	434	21	531	25
Rhode Island	96	60	63	10	10	26	27	36	37
South Carolina	1,413	1,047	74	89	6	277	20	366	26
South Dakota	217	155	71	15	7	47	22	62	29
Tennessee	1,741	1,312	75	100	6	330	19	429	25
Texas	5,046	3,389	67	473	9	1,184	23	1,657	33
Utah	467	392	84	23	5	53	11	75	16
Vermont	93	65	70	3	4	25	26	28	30
Virginia	1,284	996	78	75	6	212	17	288	22
Washington	865	621	72	58	7	186	21	244	28
West Virginia	520	367	71	30	6	123	24	153	29
Wisconsin	1,108	806	73	62	6	240	22	302	27
Wyoming	175	136	78	5	3	33	19	39	22
U.S. Total	57,090	43,131	76	3,551	6	10,408	18	13,959	24
Puerto Rico	719	493	69	77	11	149	21	226	31

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 2000, a total of 16,030 fatally injured drivers had BAC test results out of a total of 25,492, or 63 percent. For surviving drivers, BAC test results were known on 7,975 out of 31,598 drivers, or 25 percent. Overall in 2000, FARS contained BAC test results on a total of 24,005 drivers out of 57,090 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
District 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, 2000

State	Total Driver Fatalities	With Known Results		With Unknown Results		Not Tested		Unknown If Tested	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	697	150	22	266	38	276	40	5	1
Alaska	67	38	57	3	4	20	30	6	9
Arizona	512	290	57	109	21	5	1	108	21
Arkansas	439	317	72	1	0	121	28	0	0
California	1,959	1,780	91	15	1	164	8	0	0
Colorado	411	351	85	2	0	58	14	0	0
Connecticut	223	188	84	1	0	15	7	19	9
Delaware	65	55	85	0	0	10	15	0	0
District of Columbia	23	0	0	0	0	12	52	11	48
Florida	1,723	1,126	65	10	1	582	34	5	0
Georgia	973	676	69	176	18	115	12	6	1
Hawaii	72	52	72	0	0	6	8	14	19
Idaho	176	121	69	9	5	46	26	0	0
Illinois	850	743	87	0	0	107	13	0	0
Indiana	576	242	42	126	22	168	29	40	7
Iowa	299	168	56	9	3	122	41	0	0
Kansas	327	197	60	7	2	113	35	10	3
Kentucky	547	310	57	8	1	216	39	13	2
Louisiana	592	344	58	139	23	84	14	25	4
Maine	105	96	91	0	0	9	9	0	0
Maryland	359	299	83	40	11	3	1	17	5
Massachusetts	256	196	77	0	0	24	9	36	14
Michigan	833	630	76	23	3	178	21	2	0
Minnesota	405	376	93	1	0	24	6	4	1
Mississippi	616	440	71	0	0	161	26	15	2
Missouri	723	529	73	1	0	57	8	136	19
Montana	148	45	30	0	0	16	11	87	59
Nebraska	177	140	79	0	0	32	18	5	3
Nevada	170	144	85	8	5	18	11	0	0
New Hampshire	91	67	74	2	2	14	15	8	9
New Jersey	419	301	72	38	9	80	19	0	0
New Mexico	243	211	87	2	1	15	6	15	6
New York	770	490	64	0	0	56	7	224	29
North Carolina	912	203	22	218	24	260	29	231	25
North Dakota	53	40	75	0	0	13	25	0	0
Ohio	928	446	48	169	18	235	25	78	8
Oklahoma	426	333	78	0	0	56	13	37	9
Oregon	286	261	91	2	1	21	7	2	1
Pennsylvania	993	660	66	240	24	65	7	28	3
Rhode Island	50	49	98	0	0	1	2	0	0
South Carolina	682	119	17	37	5	204	30	322	47
South Dakota	97	76	78	3	3	10	10	8	8
Tennessee	868	277	32	0	0	91	10	500	58
Texas	2,225	727	33	527	24	970	44	1	0
Utah	202	114	56	4	2	84	42	0	0
Vermont	56	45	80	0	0	7	13	4	7
Virginia	597	439	74	0	0	57	10	101	17
Washington	377	341	90	0	0	33	9	3	1
West Virginia	272	262	96	1	0	9	3	0	0
Wisconsin	538	461	86	10	2	67	12	0	0
Wyoming	84	65	77	1	1	16	19	2	2
U.S. Total	25,492	16,030	63	2,208	9	5,126	20	2,128	8
Puerto Rico	240	205	85	2	1	33	14	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
District 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	72	2,159	7
Puerto Rico	416	65	16	5	1	343	83	3	1

Table 8. Surviving Drivers by State and Blood Alcohol Concentration (BAC) Test Status, 2000

State	Total Surviving Drivers	With Known Results		With Unknown Results		Not Tested		Unknown If Tested	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alabama	665	74	11	164	25	427	64	0	0
Alaska	54	29	54	0	0	20	37	5	9
Arizona	836	62	7	46	6	500	60	228	27
Arkansas	413	222	54	1	0	190	46	0	0
California	3,120	703	23	83	3	2,311	74	23	1
Colorado	521	154	30	1	0	366	70	0	0
Connecticut	243	59	24	10	4	113	47	61	25
Delaware	114	64	56	1	1	46	40	3	3
District of Columbia	42	14	33	0	0	17	40	11	26
Florida	2,543	532	21	39	2	1,942	76	30	1
Georgia	1,176	791	67	174	15	207	18	4	0
Hawaii	99	25	25	0	0	65	66	9	9
Idaho	162	74	46	3	2	85	52	0	0
Illinois	1,124	202	18	4	0	903	80	15	1
Indiana	693	318	46	74	11	266	38	35	5
Iowa	334	139	42	5	1	190	57	0	0
Kansas	310	150	48	3	1	153	49	4	1
Kentucky	535	212	40	0	0	317	59	6	1
Louisiana	636	401	63	56	9	176	28	3	0
Maine	124	113	91	0	0	11	9	0	0
Maryland	514	13	3	41	8	444	86	16	3
Massachusetts	349	24	7	4	1	296	85	25	7
Michigan	1,175	422	36	68	6	684	58	1	0
Minnesota	478	315	66	6	1	114	24	43	9
Mississippi	620	395	64	0	0	218	35	7	1
Missouri	851	92	11	5	1	739	87	15	2
Montana	136	35	26	1	1	38	28	62	46
Nebraska	192	129	67	2	1	53	28	8	4
Nevada	229	70	31	6	3	153	67	0	0
New Hampshire	77	31	40	5	6	34	44	7	9
New Jersey	629	189	30	62	10	372	59	6	1
New Mexico	310	55	18	7	2	217	70	31	10
New York	1,235	30	2	2	0	15	1	1,188	96
North Carolina	1,125	7	1	35	3	963	86	120	11
North Dakota	53	18	34	0	0	35	66	0	0
Ohio	977	201	21	78	8	646	66	52	5
Oklahoma	464	8	2	3	1	383	83	70	15
Oregon	346	134	39	5	1	207	60	0	0
Pennsylvania	1,117	139	12	87	8	846	76	45	4
Rhode Island	46	3	7	1	2	39	85	3	7
South Carolina	731	27	4	21	3	336	46	347	47
South Dakota	120	72	60	1	1	38	32	9	8
Tennessee	873	205	23	0	0	351	40	317	36
Texas	2,821	461	16	487	17	1,872	66	1	0
Utah	265	130	49	7	3	128	48	0	0
Vermont	37	21	57	0	0	14	38	2	5
Virginia	687	4	1	12	2	577	84	94	14
Washington	488	117	24	1	0	366	75	4	1
West Virginia	248	67	27	5	2	176	71	0	0
Wisconsin	570	184	32	8	1	376	66	2	0
Wyoming	91	39	43	1	1	47	52	4	4
U.S. Total	31,598	7,975	25	1,625	5	19,082	60	2,916	9
Puerto Rico	479	274	57	22	5	183	38	0	0

Table 9. Blood Alcohol Concentration (BAC) Test Status for Drivers, Pedestrians, and Pedalcyclists Involved in Fatal Traffic Crashes, 1982 and 2000

State	1982			2000		
	Total Involved	Tested With Known Results		Total Involved	Tested With Known Results	
		Number	Percent		Number	Percent
Alabama	1,161	110	9	1,437	229	16
Alaska	159	58	36	133	72	54
Arizona	1,093	315	29	1,516	455	30
Arkansas	765	80	10	899	562	63
California	6,896	3,575	52	5,929	3,116	53
Colorado	925	596	64	1,026	581	57
Connecticut	773	332	43	527	280	53
Delaware	201	169	84	204	137	67
District of Columbia	64	33	52	87	14	16
Florida	4,420	1,067	24	4,886	2,011	41
Georgia	1,808	869	48	2,310	1,535	66
Hawaii	240	126	53	209	99	47
Idaho	315	52	17	347	197	57
Illinois	2,524	883	35	2,193	1,104	50
Indiana	1,405	470	33	1,334	571	43
Iowa	675	173	26	662	313	47
Kansas	703	88	13	662	360	54
Kentucky	1,143	523	46	1,144	538	47
Louisiana	1,681	397	24	1,362	802	59
Maine	237	70	30	248	219	88
Maryland	975	423	43	979	398	41
Massachusetts	996	72	7	705	291	41
Michigan	2,177	796	37	2,231	1,169	52
Minnesota	847	413	49	937	730	78
Mississippi	980	90	9	1,307	878	67
Missouri	1,263	201	16	1,677	683	41
Montana	322	125	39	303	83	27
Nebraska	376	200	53	392	285	73
Nevada	392	272	69	456	258	57
New Hampshire	249	89	36	176	103	59
New Jersey	1,686	889	53	1,226	594	48
New Mexico	773	369	48	608	309	51
New York	3,430	951	28	2,418	751	31
North Carolina	1,932	427	22	2,218	247	11
North Dakota	203	14	7	114	63	55
Ohio	2,353	650	28	2,031	670	33
Oklahoma	1,538	592	38	944	382	40
Oregon	732	410	56	690	440	64
Pennsylvania	2,728	1,063	39	2,316	878	38
Rhode Island	159	80	50	107	62	58
South Carolina	1,093	294	27	1,524	164	11
South Dakota	197	126	64	231	154	67
Tennessee	1,464	836	57	1,854	511	28
Texas	6,028	125	2	5,537	1,278	23
Utah	425	278	65	514	260	51
Vermont	141	104	74	100	69	69
Virginia	1,284	454	35	1,399	521	37
Washington	1,068	561	53	949	518	55
West Virginia	605	267	44	551	352	64
Wisconsin	1,114	554	50	1,175	690	59
Wyoming	257	121	47	193	109	56
U.S. Total	64,975	21,832	34	62,977	27,095	43
Puerto Rico	818	256	31	937	639	68

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 0.01 or greater) in 1982 and 2000 and the estimated percentage of drivers involved in fatal crashes with BAC of 0.10 or greater (high alcohol).

Table 10. Estimated Percent Alcohol-Related Fatalities and Drivers With High Alcohol in Fatal Crashes by Region and State, 1982 and 2000

Region and State	Estimated Percent of Alcohol-Related Fatalities (Driver or Nonoccupant with BAC \geq 0.01 g/dl)		Estimated Percent of Drivers With High Alcohol in Fatal Crashes (BAC \geq 0.10 g/dl)	
	1982	2000	1982	2000
Region I				
Connecticut	68%	46%	37%	22%
Maine	50%	30%	27%	14%
Massachusetts	60%	50%	32%	21%
New Hampshire	58%	39%	32%	22%
Rhode Island	66%	51%	35%	27%
Vermont	64%	39%	31%	26%
Region II				
New Jersey	56%	44%	26%	17%
New York	47%	29%	22%	12%
*Puerto Rico	49%	49%	22%	21%
Region III				
Delaware	66%	49%	36%	21%
District of Columbia	60%	39%	25%	17%
Maryland	54%	38%	28%	14%
Pennsylvania	58%	41%	30%	21%
Virginia	53%	37%	27%	17%
West Virginia	51%	43%	30%	24%
Region IV				
Alabama	56%	40%	30%	21%
Florida	47%	40%	23%	16%
Georgia	59%	37%	29%	16%
Kentucky	54%	31%	27%	16%
Mississippi	56%	40%	30%	20%
North Carolina	60%	36%	30%	17%
South Carolina	59%	40%	30%	20%
Tennessee	62%	39%	35%	19%
Region V				
Illinois	59%	43%	29%	20%
Indiana	48%	31%	26%	15%
Michigan	60%	37%	32%	16%
Minnesota	55%	41%	30%	20%
Ohio	56%	38%	31%	19%
Wisconsin	62%	43%	36%	22%
Region VI				
Arkansas	61%	31%	33%	14%
Louisiana	55%	48%	25%	24%
New Mexico	64%	48%	34%	21%
Oklahoma	56%	34%	28%	16%
Texas	69%	50%	38%	23%
Region VII				
Iowa	47%	28%	24%	13%
Kansas	45%	33%	24%	17%
Missouri	50%	44%	26%	20%
Nebraska	48%	37%	25%	16%
Region VIII				
Colorado	62%	38%	35%	16%
Montana	66%	46%	37%	25%
North Dakota	64%	48%	38%	32%
South Dakota	60%	47%	36%	22%
Utah	38%	24%	21%	11%
Wyoming	55%	30%	31%	19%
Region IX				
Arizona	56%	44%	27%	19%
California	59%	37%	31%	15%
Hawaii	61%	41%	33%	18%
Nevada	67%	45%	36%	22%
Region X				
Alaska	55%	52%	36%	30%
Idaho	44%	41%	26%	21%
Oregon	63%	42%	35%	17%
Washington	63%	44%	37%	21%
U.S. Total	57%	40%	30%	18%

*Not included in U.S. Total.