



Total and Alcohol-Related Fatality Rates by State, 2001-2002

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Introduction

This Research Note presents statistics on the number of fatalities and alcohol-related fatalities by state as well as the rate per Vehicle Miles of Travel (VMT). The data used in this report uses the 2001 Final and 2002 Annual Report File (ARF) of NHTSA's Fatality Analysis Reporting System (FARS). Annual VMT data by state is released by the Federal Highway Administration (FHWA). The number of alcohol-related fatalities are generated using BAC values reported to FARS and imputed BAC values when they are not reported. Figure 1 depicts the number of alcohol-related

fatalities per 100 Million VMT for each state in 2002. The states are color coded as to whether their rates are above (yellow, red) the national rate of 0.61 or below (blue, green). Table 1 (overleaf) depicts the statistics for 2001 and 2002. Also, VMT data is subject to revision by FHWA. VMT data is not available for Puerto Rico for 2002. According to FHWA, the 2002 VMT has been projected for Arizona and VMT for New Hampshire and North Carolina for 2002 are preliminary.

Figure 1: Alcohol-Related Fatalities per 100 Million VMT by State, 2002

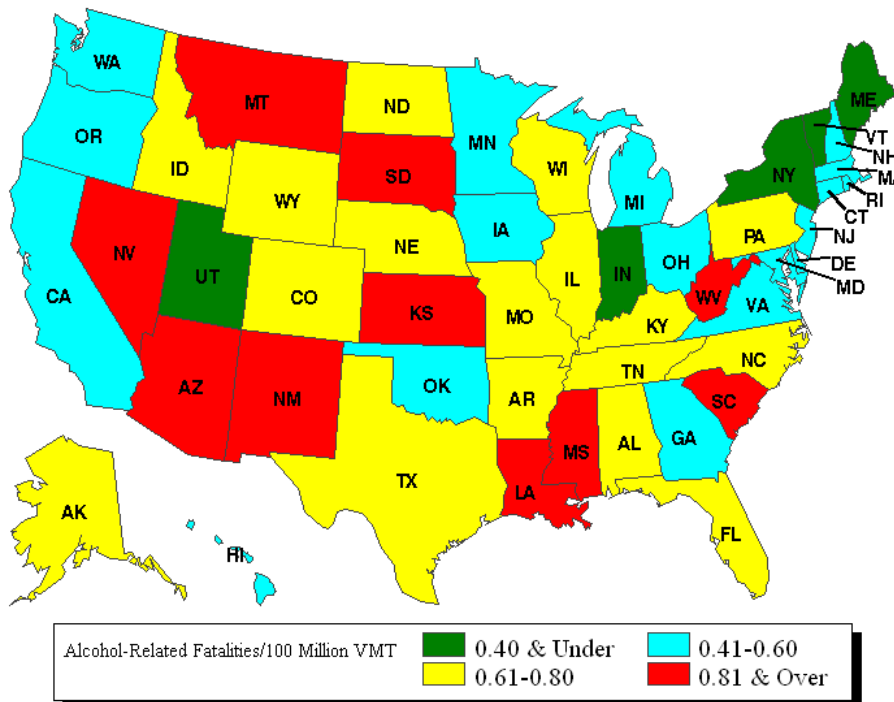


Table 1: Total and Alcohol-Related Fatalities and Fatality Rate/100 Million VMT, 2001-2002

State	2001				2002			
	Total		Alcohol-Related		Total		Alcohol-Related	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Alabama	991	1.75	374	0.66	1,033	1.80	413	0.72
Alaska	89	1.89	47	1.00	87	1.78	35	0.71
Arizona*	1,051	2.12	487	0.98	1,117	2.19	477	0.94
Arkansas	611	2.08	195	0.66	640	2.13	242	0.80
California	3,956	1.27	1,552	0.50	4,078	1.27	1,612	0.50
Colorado	741	1.73	328	0.76	742	1.70	307	0.71
Connecticut	318	1.03	161	0.52	322	1.03	140	0.45
Delaware	136	1.58	66	0.77	124	1.40	51	0.57
Dist of Columbia	68	1.81	34	0.91	47	1.33	25	0.70
Florida	3,012	1.77	1,281	0.75	3,132	1.76	1,276	0.72
Georgia	1,647	1.53	558	0.52	1,523	1.41	529	0.49
Hawaii	140	1.61	59	0.68	119	1.34	50	0.56
Idaho	259	1.84	91	0.65	264	1.86	91	0.64
Illinois	1,414	1.37	623	0.60	1,411	1.34	648	0.61
Indiana	909	1.27	320	0.45	792	1.09	269	0.37
Iowa	446	1.49	152	0.51	404	1.31	131	0.42
Kansas	494	1.75	193	0.69	512	1.80	229	0.81
Kentucky	845	1.83	251	0.54	915	1.95	301	0.64
Louisiana	952	2.20	444	1.03	875	2.02	413	0.95
Maine	192	1.33	65	0.45	216	1.47	51	0.35
Maryland	659	1.27	282	0.54	659	1.23	265	0.49
Massachusetts	477	0.90	228	0.43	459	0.86	221	0.41
Michigan	1,328	1.34	520	0.53	1,277	1.28	490	0.49
Minnesota	568	1.06	225	0.42	657	1.20	255	0.47
Mississippi	784	2.18	277	0.77	885	2.43	332	0.91
Missouri	1,098	1.62	520	0.77	1,208	1.77	525	0.77
Montana	230	2.30	104	1.04	270	2.60	127	1.22
Nebraska	246	1.36	94	0.52	307	1.64	117	0.63
Nevada	314	1.72	133	0.73	381	2.12	171	0.95
New Hampshire*	142	1.15	67	0.54	127	1.03	51	0.41
New Jersey	745	1.08	285	0.41	773	1.11	299	0.43
New Mexico	464	2.00	216	0.93	449	1.97	215	0.94
New York	1,564	1.20	505	0.39	1,522	1.16	478	0.36
North Carolina*	1,530	1.67	536	0.59	1,575	1.72	601	0.66
North Dakota	105	1.45	53	0.73	97	1.32	48	0.65
Ohio	1,378	1.29	608	0.57	1,418	1.31	562	0.52
Oklahoma	682	1.57	270	0.62	734	1.61	249	0.54
Oregon	488	1.42	187	0.54	436	1.26	179	0.52
Pennsylvania	1,532	1.49	646	0.63	1,614	1.54	656	0.63
Rhode Island	81	1.01	48	0.60	84	1.03	46	0.56
South Carolina	1,060	2.27	582	1.25	1,053	2.23	551	1.17
South Dakota	171	2.00	85	1.00	180	2.12	92	1.08
Tennessee	1,251	1.85	533	0.79	1,175	1.72	471	0.69
Texas	3,736	1.73	1,807	0.84	3,725	1.69	1,745	0.79
Utah	291	1.24	70	0.30	328	1.34	73	0.30
Vermont	92	0.96	34	0.35	78	0.81	27	0.28
Virginia	935	1.27	339	0.46	914	1.18	371	0.48
Washington	649	1.21	281	0.52	659	1.20	298	0.54
West Virginia	376	1.91	136	0.69	439	2.19	180	0.90
Wisconsin	763	1.33	366	0.64	803	1.37	364	0.62
Wyoming	186	2.16	82	0.95	176	1.95	70	0.78
U.S.	42,196	1.51	17,400	0.62	42,815	1.51	17,419	0.62
Puerto Rico*	495	2.78	256	1.44	510	-	241	-

Source: NCSA FARS 2001 (Final), 2002 (ARF) Files FHWA. *2002 VMT for Arizona is a projection. 2002 VMTs for New Hampshire and North Carolina are preliminary and 2002 VMT for Puerto Rico is not available.