

**Commercial Motor Vehicle (CMV)
Statistics for DOT's Rural Safety Initiative
(Years 2002-2006)**

Sources: Fatal Analysis Reporting System and Federal Highway Administration's Highway Statistics
(years 2002-2006)

Table1: Average number of CMV rural fatalities and CMV urban fatalities

Fatalities in CMV (Truck & Bus) Crashes, 2002 - 2006							
Year	Rural	Urban	Unknown	Total	% Rural	% Urban	% Unknown
5-yr Avg.	3,463	1,897	30	5,390	64.3%	35.2%	0.5%

Table 2: Average CMV rural fatality rate (total Vehicle Miles of Travel (VMT) as denominator) and average CMV urban fatality rate

Years	Rural	Urban
Average number of fatalities	3,463	1,897
Average VMT	1,070,010	1,872,848
Rate	0.32	0.10

Table 3: Average CMV rural fatality rate (CMV VMT as denominator) and average CMV urban fatality rate

Year	Rural	Urban
Average Number of Fatalities	3,463	1,897
Average CMV VMT	125,880	100,778
Rate	2.75	1.88

Table 4: State average CMV rural fatality rates (total VMT as denominator) and average CMV urban fatality rates (years 2002-2006)

States	Rural CMV Fatalities (Average)	Rural Total VMT (Average)	Rural Fatality Rate (Average)	Urban CMV Fatalities (Average)	Urban Total VMT (Average)	Urban Fatality Rate (Average)
Alabama	98	29,501	0.33	45	29,378	0.15
Alaska	6	2,463	0.24	1	2,503	0.06
Arizona	74	17,837	0.42	48	39,130	0.12
Arkansas	89	19,809	0.45	21	11,660	0.18
California	207	63,893	0.32	222	262,146	0.08

States	Rural CMV Fatalities (Average)	Rural Total VMT (Average)	Rural Fatality Rate (Average)	Urban CMV Fatalities (Average)	Urban Total VMT (Average)	Urban Fatality Rate (Average)
Colorado	49	15,314	0.32	22	30,569	0.07
Connecticut	5	3,934	0.12	21	27,599	0.08
Delaware	9	3,178	0.28	9	6,056	0.15
Dist of	-	-	-	4	3,755	0.10
Florida	213	41,372	0.52	180	151,746	0.12
Georgia	138	45,548	0.30	85	65,898	0.13
Hawaii	4	2,619	0.16	5	7,019	0.08
Idaho	26	8,950	0.29	7	5,700	0.13
Illinois	84	30,668	0.27	95	76,461	0.12
Indiana	118	36,913	0.32	30	35,239	0.08
Iowa	63	19,124	0.33	12	12,057	0.10
Kansas	71	14,795	0.48	11	14,429	0.07
Kentucky	95	27,187	0.35	27	20,037	0.14
Louisiana	89	21,731	0.41	32	22,759	0.14
Maine	18	10,951	0.16	2	3,960	0.05
Maryland	33	14,727	0.22	39	40,535	0.10
Massachusetts	6	5,177	0.11	28	49,291	0.06
Michigan	76	33,167	0.23	53	69,326	0.08
Minnesota	60	27,223	0.22	18	28,747	0.06
Mississippi	76	24,442	0.31	12	14,553	0.08
Missouri	124	31,199	0.40	42	37,382	0.11
Montana	23	8,445	0.27	2	2,529	0.09
Nebraska	45	11,434	0.39	6	7,688	0.08
Nevada	21	5,614	0.37	23	14,230	0.16
New	9	7,066	0.13	4	6,137	0.06
New Jersey	16	8,475	0.19	72	63,876	0.11
New Mexico	55	13,743	0.40	11	10,122	0.10
New York	80	36,769	0.22	97	100,541	0.10
North Carolina	131	43,229	0.30	52	53,839	0.10
North Dakota	17	5,561	0.30	1	2,011	0.05
Ohio	129	38,374	0.34	56	71,664	0.08
Oklahoma	99	22,658	0.44	26	24,063	0.11
Oregon	50	16,760	0.30	13	18,447	0.07
Pennsylvania	125	40,844	0.31	84	66,198	0.13
Rhode Island	1	900	0.16	4	7,416	0.06
South Carolina	98	28,515	0.34	11	20,404	0.06
South Dakota	16	6,550	0.24	2	2,125	0.08
Tennessee	83	29,896	0.28	66	40,052	0.16
Texas	334	81,418	0.41	177	148,358	0.12
Utah	27	8,161	0.33	9	16,721	0.06
Vermont	10	6,201	0.17	1	2,076	0.07
Virginia	69	31,342	0.22	44	47,583	0.09
Washington	41	16,873	0.25	21	38,618	0.05
West Virginia	48	13,907	0.35	10	6,453	0.16
Wisconsin	73	29,375	0.25	28	30,260	0.09
Wyoming	31	6,654	0.47	4	2,536	0.16

Table 5: State average CMV rural fatality rates (CMV VMT as denominator) and average CMV urban fatality rates (years 2002-2006)

STATE	Rural CMV Fatalities	Rural CMV VMT	Rural CMV Fatality Rate	Urban CMV Fatalities	Urban CMV VMT	Urban CMV Fatality Rate
Alabama	98	2,729	3.58	45	1,436	3.11
Alaska	6	239	2.51	1	115	1.21
Arizona	74	2,852	2.61	48	3,396	1.40
Arkansas	89	2,785	3.20	21	984	2.13
California	207	7,601	2.73	222	14,037	1.58
Colorado	49	1,302	3.78	22	1,174	1.91
Connecticut	5	224	2.05	21	1,300	1.62
Delaware	9	254	3.54	9	405	2.17
Dist. Columbia	-	0	-	4	154	2.46
Florida	213	4,524	4.72	180	8,461	2.13
Georgia	138	4,781	2.88	85	4,382	1.94
Hawaii	4	86	4.90	5	156	3.46
Idaho	26	1,149	2.30	7	418	1.72
Illinois	84	4,073	2.06	95	4,891	1.94
Indiana	118	4,661	2.53	30	2,597	1.14
Iowa	63	2,145	2.95	12	673	1.75
Kansas	71	1,726	4.13	11	580	1.83
Kentucky	95	3,286	2.90	27	1,363	2.01
Louisiana	89	2,850	3.12	32	2,081	1.56
Maine	18	750	2.37	2	187	1.07
Maryland	33	1,344	2.44	39	2,230	1.77
Massachusetts	6	197	2.94	28	1,645	1.71
Michigan	76	2,482	3.05	53	3,426	1.56
Minnesota	60	1,936	3.10	18	1,238	1.44
Mississippi	76	2,903	2.63	12	1,172	0.99
Missouri	124	3,862	3.22	42	2,560	1.64
Montana	23	837	2.75	2	89	2.69
Nebraska	45	1,603	2.78	6	285	2.10
Nevada	21	891	2.31	23	482	4.73
New Hampshire	9	434	2.07	4	309	1.23
New Jersey	16	610	2.69	72	4,149	1.74
New Mexico	55	2,467	2.23	11	788	1.34
New York	80	3,018	2.64	97	4,096	2.37
North Carolina	131	4,027	3.25	52	3,605	1.45
North Dakota	17	765	2.20	1	120	0.83
Ohio	129	4,875	2.65	56	4,278	1.31
Oklahoma	99	3,593	2.74	26	1,389	1.90
Oregon	50	2,078	2.42	13	1,022	1.25
Pennsylvania	125	4,677	2.66	84	3,952	2.13
Rhode Island	1	44	3.21	4	210	2.00
South Carolina	98	2,753	3.57	11	1,202	0.95

STATE	Rural CMV Fatalities	Rural CMV VMT	Rural CMV Fatality Rate	Urban CMV Fatalities	Urban CMV VMT	Urban CMV Fatality Rate
South Dakota	16	766	2.04	2	113	1.42
Tennessee	83	3,680	2.26	66	2,359	2.78
Texas	334	11,660	2.87	177	7,886	2.24
Utah	27	1,593	1.67	9	1,610	0.58
Vermont	10	460	2.26	1	96	1.45
Virginia	69	2,844	2.43	44	1,844	2.41
Washington	41	1,904	2.17	21	2,174	0.95
West Virginia	48	1,429	3.37	10	585	1.74
Wisconsin	73	2,142	3.42	28	1,569	1.80
Wyoming	31	1,261	2.47	4	235	1.70

Table 6: Fatalities in Large Truck Crashes Occurring on Rural Roads

Year	Rural Interstate	Percent of Total	Rural Non-Interstate	Percent of Total	Total Fatalities
2002	828	24%	2,673	76%	3,501
2003	849	24%	2,647	76%	3,496
2004	859	24%	2,749	76%	3,608
2005	867	25%	2,545	75%	3,412
2006	736	22%	2,564	78%	3,300
5yr Avg	828	24%	2,636	76%	3,463

Table 7: CMV Fatality Rate per 100 Million Total VMT for Crashes Occurring on Rural Roads

Year	Rural Interstate Fatalities	Rural Interstate Total VMT	Rural Interstate Fatality Rate	Rural Non-Interstate Fatalities	Rural Non-Interstate Total VMT	Rural Non-Interstate Fatality Rate
2002	828	280,609	0.30	2,673	846,785	0.32
2003	849	269,813	0.31	2,647	814,922	0.32
2004	859	266,245	0.32	2,749	802,181	0.34
2005	867	256,642	0.34	2,545	775,784	0.33
2006	736	257,913	0.29	2,564	779,156	0.33
5yr Avg	828	266,244	0.31	2,636	803,766	0.33

Table 8: CMV Fatality Rate per 100 Million CMV VMT for Crashes Occurring on Rural Roads

Year	Rural Interstate Fatalities	Rural Interstate CMV VMT	Rural Interstate Fatality Rate	Rural Non-Interstate Fatalities	Rural Non-Interstate CMV VMT	Rural Non-Interstate Fatality Rate
2002	828	55,446	1.49	2,673	74,379	3.59
2003	849	53,920	1.57	2,647	73,575	3.60
2004	859	52,295	1.64	2,749	72,726	3.78
2005	867	52,324	1.66	2,545	71,027	3.58
2006	736	52,321	1.41	2,564	71,389	3.59
5yr Avg	828	53,261	1.55	2,636	72,619	3.63

Contact: FMCSA Analysis Division
 March 2008