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# State-Level Accident Rates of Surface Freight Transportation: A Reexamination

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**Center for Transportation Research  
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**TABLE 4 Composite 1994-1996 Accident, Fatality, and Injury Rates for Interstate-Registered Heavy Combination Trucks<sup>a</sup>**

State/Parameter	Composite Accident Rate (10 <sup>-7</sup> Accidents/trk-km)				Composite Fatality Rate (10 <sup>-8</sup> Fatalities/trk-km)				Composite Injury Rate (10 <sup>-7</sup> Injuries/trk-km)			
	Interstate	Primary	Other	Total	Interstat e	Primary	Other	Total	Interstate	Primary	Other	Total
Alabama	2.82	5.22	2.88	3.77	0.86	4.15	1.17	2.19	1.48	3.17	1.41	2.13
Arizona	1.32	0.81	0.04	1.07	0.94	1.07	0.00	0.94	1.17	0.63	0.00	0.92
Arkansas	1.34	2.33	0.23	1.48	0.62	5.14	0.00	2.22	0.98	2.08	0.23	1.24
California	1.60	0.45	1.79	0.83	0.70	0.22	0.59	0.36	1.24	0.34	1.44	0.64
Colorado	4.46	3.81	5.46	4.34	1.14	2.05	2.83	1.75	3.15	2.65	3.72	3.03
Connecticut	9.04	3.47	31.93	8.82	1.45	1.70	9.20	1.91	6.13	2.64	23.74	6.16
Delaware	5.18	8.04	13.11	7.25	0.56	3.79	1.60	2.35	3.42	5.95	8.31	5.11
Florida	0.69	0.75	3.75	0.89	0.77	1.06	3.51	1.07	0.55	0.60	3.04	0.71
Georgia	*	*	*	6.69	*	*	*	1.95	*	*	*	4.59
Idaho	2.95	5.12	5.19	3.95	0.38	5.52	3.64	2.49	3.07	4.74	5.62	3.94
Illinois	2.22	2.74	13.82	2.96	0.83	1.27	4.08	1.10	1.50	1.30	4.97	1.64
Indiana	2.25	1.38	0.43	1.69	0.67	1.42	0.32	0.86	1.40	1.11	0.34	1.15
Iowa	1.12	1.72	2.47	1.48	0.94	2.14	0.86	1.34	0.86	1.34	1.80	1.13
Kansas	2.84	5.17	3.14	3.83	0.52	4.68	1.01	2.29	2.54	4.81	2.53	3.45
Kentucky	3.10	10.33	5.33	5.18	1.28	5.30	1.08	2.29	2.21	7.30	3.17	3.61
Louisiana	*	*	*	2.21	*	*	*	0.92	*	*	*	1.84
Maine	4.39	1.88	7.39	4.12	0.91	0.00	1.86	0.78	3.12	1.70	6.55	3.33
Maryland	5.40	8.16	27.46	7.41	0.65	4.43	6.39	1.99	4.59	6.89	19.39	6.06
Massachusetts	0.86	1.81	12.89	1.55	0.08	0.61	4.19	0.38	0.51	1.27	9.46	1.04
Michigan	2.83	0.95	6.17	2.15	1.07	0.64	3.14	1.07	2.61	1.03	6.68	2.20
Minnesota	1.71	1.90	1.31	1.76	0.30	2.16	0.15	1.20	0.84	1.51	1.13	1.21
Mississippi	0.48	0.87	0.39	0.63	0.25	0.54	0.06	0.34	0.39	0.88	0.25	0.57
Missouri	4.64	5.38	9.29	5.36	1.24	3.16	1.21	1.97	3.14	3.85	5.69	3.65
Montana	6.20	6.08	3.50	5.81	1.36	2.90	2.33	2.03	2.56	3.14	1.17	2.58
Nebraska	3.19	5.82	4.97	4.34	1.37	2.74	1.38	1.87	1.97	3.52	2.51	2.59
Nevada	2.25	3.80	0.29	2.45	0.66	1.67	0.33	0.89	1.48	2.52	0.26	1.62
New Hampshire	2.63	3.86	6.79	3.81	0.00	2.06	0.89	1.18	1.63	2.40	4.02	2.34
New Jersey	5.65	2.67	28.83	4.93	1.21	0.15	3.91	0.71	3.91	2.37	21.49	3.79
New Mexico	1.13	1.02	1.03	1.08	1.18	1.13	0.76	1.10	1.15	0.94	1.10	1.08
New York	*	*	*	3.45	*	*	*	1.24	*	*	*	1.85
North Carolina	3.46	3.14	3.69	3.34	1.49	1.78	1.38	1.62	3.17	3.22	2.99	3.16
North Dakota	3.02	4.87	1.37	3.42	1.02	1.76	0.00	1.11	1.89	3.61	1.62	2.53
Ohio	1.64	0.38	0.91	1.16	0.39	0.26	0.69	0.39	1.40	0.40	1.17	1.07
Oklahoma	2.68	3.16	2.31	2.76	1.33	2.12	0.77	1.47	2.89	3.18	2.31	2.85
Oregon	*	*	*	2.16	*	*	*	2.04	*	*	*	1.36
Pennsylvania	5.14	7.26	21.47	6.79	1.35	4.09	5.03	2.43	3.83	5.90	17.83	5.33
Rhode Island	*	*	*	*	*	*	*	*	*	*	*	*
South Carolina	*	*	*	4.69	*	*	*	2.60	*	*	*	3.30
South Dakota	2.33	2.49	1.54	2.29	0.61	1.53	2.93	1.27	1.72	1.63	1.03	1.59
Tennessee	1.23	2.81	1.55	1.59	1.00	2.60	0.39	1.30	0.92	2.43	1.35	1.27
Texas	6.00	6.96	7.36	6.58	1.30	2.86	8.32	2.70	5.47	5.25	5.46	5.37
Utah	2.90	3.05	9.04	3.40	1.19	1.60	2.27	1.39	2.53	2.49	6.77	2.84
Vermont	1.88	5.27	1.43	2.98	0.00	2.81	0.00	0.97	1.52	3.80	0.80	2.20
Virginia	3.93	1.98	0.16	2.65	1.61	0.99	0.00	1.16	3.10	1.73	0.12	2.16
Washington	2.65	1.75	1.23	2.05	0.18	0.75	0.83	0.53	1.80	1.18	0.97	1.40
West Virginia	1.72	3.71	1.38	2.15	1.68	6.80	0.84	2.78	1.12	2.59	0.64	1.40
Wisconsin	4.49	3.96	15.68	5.51	0.91	3.21	2.51	2.22	3.33	3.13	10.95	4.10
Wyoming	6.74	7.41	5.56	6.78	1.08	2.42	0.00	1.24	3.23	3.34	2.84	3.23

**TABLE 4 (Cont.)**

State/Parameter	Composite Accident Rate (10 <sup>-7</sup> Accidents/trk-km)				Composite Fatality Rate (10 <sup>-8</sup> Fatalities/trk-km)				Composite Injury Rate (10 <sup>-7</sup> Injuries/trk-km)			
	Interstate	Primary	Other	Total	Interstate	Primary	Other	Total	Interstate	Primary	Other	Total
Total Rate	3.00	2.78	4.56	3.21	0.96	1.78	1.71	1.42	2.25	2.17	3.33	2.39
Mean Rate	3.15	3.66	6.54	3.52	0.88	2.32	1.96	1.49	2.27	2.73	4.69	2.56
Std. Deviation	1.87	2.41	8.02	2.06	0.45	1.64	2.19	0.68	1.32	1.75	5.91	1.48
5th Percentile	0.87	0.75	0.23	0.94	0.09	0.22	0.00	0.38	0.57	0.60	0.24	0.77
Median	2.83	3.15	3.59	3.34	0.92	2.06	1.13	1.30	1.93	2.51	2.52	2.20
95th Percentile	6.19	8.00	27.16	7.12	1.49	5.30	6.32	2.57	4.56	5.95	19.31	5.35

<sup>a</sup> Asterisk indicates missing data (no records for state or blank accident location field). Rhode Island had no qualifying accidents, so national mean rates should be used. Values in italics are equal to or greater than two standard deviations above the national mean rate for the column category.