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**Appendix A- Fatality Data by State and Crash Types**

State	Number of Vehicles where 1+ Deaths Occurred	Number of FARS Vehicles	Total VMT (2003 FHWA)	Fire Rate (death in vehicle)	Fire Rate (all FARS Vehicles)	Roll Rate (death in vehicle)	Roll Rate (all FARS Vehicles)	Entrap Rate (death in vehicle)	Entrap Rate (all FARS Vehicles)
Alabama	5,356	8,582	56,534	3.68	2.76	66.62	77.37	6.58	3.48
Alaska	441	734	4,613	4.99	3.54	64.40	77.11	41.82	30.70
Arizona	4,909	8,905	49,768	4.46	3.25	59.60	75.72	34.03	18.38
Arkansas	3,281	5,118	29,167	6.40	5.12	63.67	74.64	8.65	5.80
California	17,317	33,263	306,649	4.44	2.87	67.49	80.88	10.79	5.52
Colorado	3,278	5,585	41,771	2.72	2.11	56.59	72.09	14.08	9.32
Connecticut	1,497	2,552	30,756	4.07	3.02	77.42	85.46	43.93	27.92
Delaware	618	1,161	8,240	4.37	2.84	76.38	85.62	40.52	25.36
Dist of Columbia	210	451	3,498	3.33	1.77	84.76	91.57	26.21	12.90
Florida	13,822	27,036	152,136	2.55	1.53	76.03	86.12	0.66	0.63
Georgia	7,844	13,867	105,010	4.87	3.48	71.20	82.00	39.18	24.99
Hawaii	536	1,069	8,543	3.17	2.15	77.61	87.28	24.20	13.16
Idaho	1,384	2,046	13,534	1.88	1.81	48.84	62.81	42.56	30.77
Illinois	6,508	11,730	102,866	5.53	3.91	74.46	84.30	19.73	13.26
Indiana	4,462	7,658	70,862	3.88	2.74	78.22	86.05	40.65	27.60
Iowa	2,172	3,547	29,433	4.05	2.62	70.81	81.42	34.38	25.35
Kansas	2,402	3,821	28,130	5.62	4.42	63.78	75.29	33.89	24.05
Kentucky	4,622	7,398	46,803	4.46	3.26	71.29	80.56	39.97	26.96
Louisiana	4,401	7,596	40,849	5.34	3.69	70.35	80.94	20.70	17.00
Maine	958	1,531	14,190	3.13	2.81	69.73	78.71	15.45	10.13
Maryland	2,894	5,567	50,174	3.87	2.41	83.07	90.14	14.32	6.45
Massachusetts	2,090	3,693	52,796	3.64	2.52	78.85	86.65	33.47	21.23
Michigan	5,893	11,019	97,792	2.80	1.76	79.67	87.78	35.69	21.95
Minnesota	3,020	5,026	52,601	7.85	5.95	65.76	77.44	19.83	13.57
Mississippi	4,502	6,773	35,536	0.87	0.65	82.12	87.92	1.33	2.71
Missouri	5,869	9,519	67,083	5.16	4.23	61.75	73.83	8.13	5.57
Montana	1,250	1,753	9,882	4.64	3.82	42.48	56.42	26.42	22.08
Nebraska	1,388	2,252	18,081	2.88	2.49	61.17	73.85	28.39	20.03
Nevada	1,627	2,987	17,639	4.12	2.71	58.02	74.86	28.59	17.44
New Hampshire	735	1,182	12,021	2.99	2.20	75.78	84.26	29.74	24.02
New Jersey	3,151	6,340	67,446	3.87	2.24	85.72	91.99	9.58	5.49

New Mexico	2,108	3,416	22,760	3.27	2.58	46.82	65.40	8.86	5.60
New York	6,163	12,099	129,057	3.81	2.29	80.92	88.98	32.50	18.70
North Carolina	7,472	12,920	89,504	3.60	2.66	70.64	81.08	25.26	15.53
North Dakota	533	773	7,217	5.07	4.01	49.91	62.74	14.50	11.62
Ohio	6,789	11,506	105,898	3.58	2.56	76.36	84.18	39.54	26.02
Oklahoma	3,558	5,784	43,355	5.99	4.50	64.42	75.26	26.78	17.66
Oregon	2,186	3,722	35,010	4.76	3.55	69.67	80.15	52.87	36.09
Pennsylvania	7,571	13,093	102,337	4.24	3.22	76.99	85.33	53.45	35.37
Rhode Island	423	700	8,359	4.49	2.86	76.12	84.57	39.72	24.60
South Carolina	5,137	8,324	45,538	2.49	1.75	70.94	81.13	0.92	0.53
South Dakota	913	1,345	8,432	5.04	3.79	53.23	66.47	19.35	14.18
Tennessee	6,403	10,201	65,732	5.33	4.00	67.97	77.85	35.48	25.14
Texas	17,241	30,461	220,064	4.20	2.88	68.88	80.57	0.64	0.45
Utah	1,463	2,364	22,597	0.62	0.42	55.09	71.28	41.22	28.29
Vermont	415	649	6,811	4.34	3.08	67.95	76.89	39.75	30.74
Virginia	4,569	7,628	74,801	2.10	1.74	70.72	81.16	0.15	0.11
Washington	2,943	5,008	53,330	4.66	3.45	68.13	79.09	29.36	19.26
West Virginia	2,067	3,223	19,242	4.69	3.72	66.13	76.73	48.35	32.83
Wisconsin	4,057	6,557	57,266	4.78	3.83	66.18	76.86	30.73	23.18
Wyoming	844	1,192	8,090	2.96	3.19	39.81	54.95	14.05	10.75
<b>Total</b>	<b>201,292</b>	<b>350,726</b>	<b>2,749,803</b>	<b>4.05</b>	<b>2.88</b>	<b>70.17</b>	<b>81.14</b>	<b>21.44</b>	<b>13.80</b>

**Table A1. Fatality, fire, rollover and entrapment rates by state (FARS 2000-2005, VMT Data Source: FHWA, OHPI, State & Urbanized Area Statistics, 2003)**

State	Fire as Most Harmful			Rate per Vehicles Inv.
	Event	Fire	Total	
Alabama	124	237	8,582	2.76%
Alaska	7	26	734	3.54%
Arizona	55	289	8,905	3.25%
Arkansas	120	262	5,118	5.12%
California*	212	956	33,263	2.87%
Colorado*	10	118	5,585	2.11%
Connecticut	18	77	2,552	3.02%
Delaware*	6	33	1,161	2.84%
Dist of Columbia*	2	8	451	1.77%
Florida	175	414	27,036	1.53%
Georgia	85	483	13,867	3.48%
Hawaii	2	23	1,069	2.15%
Idaho	12	37	2,046	1.81%
Illinois	75	459	11,730	3.91%
Indiana	60	210	7,658	2.74%
Iowa	7	93	3,547	2.62%
Kansas*	46	169	3,821	4.42%
Kentucky	32	241	7,398	3.26%
Louisiana	124	280	7,596	3.69%
Maine	17	43	1,531	2.81%
Maryland*	57	134	5,567	2.41%
Massachusetts	18	93	3,693	2.52%
Michigan	36	194	11,019	1.76%
Minnesota	21	299	5,026	5.95%
Mississippi		44	6,773	0.65%
Missouri	82	403	9,519	4.23%
Montana*	17	67	1,753	3.82%
Nebraska	11	56	2,252	2.49%
Nevada	7	81	2,987	2.71%
New Hampshire	5	26	1,182	2.20%
New Jersey	45	142	6,340	2.24%
New Mexico	5	88	3,416	2.58%
New York	188	277	12,099	2.29%
North Carolina*	104	344	12,920	2.66%
North Dakota	13	31	773	4.01%
Ohio	96	295	11,506	2.56%
Oklahoma*	25	260	5,784	4.50%
Oregon	52	132	3,722	3.55%
Pennsylvania*	137	421	13,093	3.22%
Rhode Island*	1	20	700	2.86%
South Carolina	100	146	8,324	1.75%
South Dakota*	11	51	1,345	3.79%
Tennessee	115	408	10,201	4.00%
Texas	283	877	30,461	2.88%
Utah		10	2,364	0.42%

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Vermont	11	20	649	3.08%
Virginia	31	133	7,628	1.74%
Washington	48	173	5,008	3.45%
West Virginia	19	120	3,223	3.72%
Wisconsin	43	251	6,557	3.83%
Wyoming	7	38	1,192	3.19%

**Table A2. Fire Counts, Most Harmful Event Fire Counts and FARS crash counts (2000-2005 FARS vehicle Counts, ‘\*’ denotes states where no specific check box for fire as most harmful event exists on the PAR)**

All					
Crash Year	Frontal	Side	Rear	Rollover	Other
1978-1980	19,151	10,147	1,051	7,428	1,816
1981-1983	16,531	8,614	1,012	5,149	2,709
1984-1986	15,434	8,802	1,099	4,161	1,769
1987-1989	18,669	10,656	1,445	5,319	1,626
1990-1992	15,706	9,008	1,075	3,847	1,373
1993-1995	13,155	7,789	959	3,220	1,091
1996-1998	12,688	8,162	1,191	3,599	1,198
1999-2001	11,622	7,788	1,225	4,048	1,236
2002-2004	11,739	7,636	1,138	3,646	1,169
2005-2007	10,568	6,058	967	2,766	1,205
Fire Involved					
1978-1980	796	301	135	194	69
1981-1983	642	192	107	96	113
1984-1986	567	234	72	67	73
1987-1989	794	273	94	77	80
1990-1992	714	192	55	37	38
1993-1995	549	163	50	34	46
1996-1998	576	181	49	59	44
1999-2001	560	211	75	70	47
2002-2004	598	197	68	60	45
2005-2007	593	171	57	54	53
Fire Coded as Most Harmful Event					
1978-1980	218	82	46	53	21
1981-1983	241	66	59	41	33
1984-1986	180	54	28	22	27
1987-1989	250	75	36	25	36
1990-1992	212	58	25	6	15
1993-1995	137	37	27	12	24
1996-1998	128	35	18	8	23
1999-2001	114	38	28	7	11
2002-2004	180	57	28	16	17
2005-2007	220	54	32	12	20

**Table A3. Fatality Counts in Passenger Vehicles Less Than 5 Years Old by Crash Mode**

All					
Crash Year	Frontal	Side	Rear	Rollover	Other
1978-1980	42,131	14,052	2,977	7,595	2,749
1981-1983	33,925	11,461	2,532	5,220	4,637
1984-1986	31,647	11,702	2,674	4,202	3,161
1987-1989	39,742	14,143	3,256	5,387	2,939
1990-1992	33,760	11,789	2,593	3,885	2,387
1993-1995	30,517	10,087	2,419	3,243	2,001
1996-1998	31,445	10,682	2,875	3,622	2,113
1999-2001	29,455	10,326	3,087	4,105	2,210
2002-2004	29,497	10,439	3,035	3,697	2,091
2005-2007	25,894	8,751	2,914	2,825	2,145
Fire Involved					
1978-1980	981	338	157	200	73
1981-1983	761	216	132	99	128
1984-1986	672	255	96	67	78
1987-1989	962	302	125	77	89
1990-1992	824	211	74	39	40
1993-1995	688	172	60	34	54
1996-1998	717	201	70	59	47
1999-2001	732	224	102	72	53
2002-2004	781	212	85	61	62
2005-2007	723	183	71	55	59
Fire Coded as Most Harmful Event					
1978-1980	235	86	52	53	21
1981-1983	254	73	64	43	36
1984-1986	191	55	31	22	27
1987-1989	269	78	41	25	42
1990-1992	223	61	29	6	17
1993-1995	152	37	29	12	28
1996-1998	144	39	24	8	23
1999-2001	124	39	33	7	15
2002-2004	207	60	31	17	21
2005-2007	251	58	35	12	23

**Table A4. FARS Vehicle Counts- Passenger Vehicles Less Than 5 Years Old by Crash Mode**

All					
Crash Year	Frontal	Side	Rear	Rollover	Other
1978-1980	34,834	18,683	1,936	12,985	3,415
1981-1983	29,400	15,527	1,834	9,232	5,112
1984-1986	29,115	16,596	2,097	7,833	3,424
1987-1989	31,867	18,470	2,447	8,694	2,878
1990-1992	29,312	17,048	1,989	6,630	2,494
1993-1995	29,012	16,903	2,109	6,307	2,263
1996-1998	27,720	16,783	2,297	6,335	2,298
1999-2001	25,288	16,157	2,475	7,046	2,325
2002-2004	25,120	16,340	2,430	7,038	2,236
2005-2007	23,302	13,959	2,136	6,382	2,572
Fire Involved					
1978-1980	1,385	542	260	347	133
1981-1983	1,246	385	211	205	216
1984-1986	1,154	433	183	158	143
1987-1989	1,361	443	189	154	151
1990-1992	1,407	416	121	90	91
1993-1995	1,328	379	117	80	97
1996-1998	1,262	352	105	89	89
1999-2001	1,238	377	156	125	93
2002-2004	1,242	401	130	116	95
2005-2007	1,289	349	136	131	120
Fire Coded as Most Harmful Event					
1978-1980	381	148	88	104	45
1981-1983	461	129	118	91	75
1984-1986	379	105	72	58	56
1987-1989	443	118	71	47	66
1990-1992	403	106	59	18	38
1993-1995	331	92	58	26	51
1996-1998	283	74	35	12	38
1999-2001	252	64	59	16	26
2002-2004	387	111	54	30	36
2005-2007	471	117	72	32	51

**Table A5. Fatality Counts in Passenger Vehicles Less Than 10 Years Old by Crash Mode**



All					
Crash Year	Frontal	Side	Rear	Rollover	Other
1978-1980	76,383	25,631	5,344	13,312	5,160
1981-1983	63,032	20,963	4,813	9,363	8,680
1984-1986	61,699	22,285	5,259	7,923	6,038
1987-1989	65,898	24,178	5,474	8,806	4,883
1990-1992	60,824	21,855	4,650	6,680	4,138
1993-1995	61,974	21,296	4,870	6,350	3,764
1996-1998	61,007	21,255	5,274	6,379	3,808
1999-2001	57,273	20,593	5,624	7,123	3,875
2002-2004	57,532	21,185	5,796	7,115	3,763
2005-2007	52,926	18,989	5,680	6,506	4,241
Fire Involved					
1978-1980	1,711	601	302	358	141
1981-1983	1,514	429	257	208	239
1984-1986	1,391	478	228	162	156
1987-1989	1,645	490	235	156	163
1990-1992	1,624	455	156	92	95
1993-1995	1,605	407	140	81	109
1996-1998	1,516	383	142	89	96
1999-2001	1,547	398	195	127	103
2002-2004	1,547	425	158	117	114
2005-2007	1,564	378	162	134	135
Fire Coded as Most Harmful Event					
1978-1980	413	152	95	105	46
1981-1983	490	138	125	93	79
1984-1986	404	111	79	59	58
1987-1989	470	122	79	47	72
1990-1992	426	111	70	18	40
1993-1995	356	96	64	27	57
1996-1998	303	79	41	12	38
1999-2001	269	65	66	16	32
2002-2004	424	113	59	31	39
2005-2007	528	125	82	32	57

**Table A6. FARS Vehicle Counts- Passenger Vehicles Less Than 10 Years Old by Crash Mode**

All					
Crash Year	Frontal	Side	Rear	Rollover	Other
1978-1980	9,470	4,955	536	3,366	998
1981-1983	10,111	5,230	641	3,007	1,760
1984-1986	11,085	6,211	780	3,228	1,484
1987-1989	12,565	6,977	980	3,691	1,507
1990-1992	12,801	7,173	902	3,024	1,373
1993-1995	13,834	7,435	976	2,735	1,279
1996-1998	16,473	8,786	1,205	3,185	1,287
1999-2001	17,553	9,195	1,442	3,503	1,311
2002-2004	18,178	9,595	1,466	3,200	1,128
2005-2007	17,841	9,238	1,413	3,513	1,463
Fire Involved					
1978-1980	297	122	67	107	46
1981-1983	468	186	70	122	66
1984-1986	593	222	95	117	64
1987-1989	658	248	114	110	76
1990-1992	694	239	99	86	56
1993-1995	788	267	104	62	60
1996-1998	851	257	119	72	58
1999-2001	995	240	132	81	59
2002-2004	947	241	110	79	61
2005-2007	917	266	107	87	60
Fire Coded as Most Harmful Event					
1978-1980	89	42	25	44	22
1981-1983	206	67	45	54	24
1984-1986	220	69	38	44	22
1987-1989	229	79	53	43	46
1990-1992	213	59	56	30	30
1993-1995	216	68	49	19	25
1996-1998	214	68	47	14	25
1999-2001	223	48	51	11	21
2002-2004	276	67	48	21	21
2005-2007	342	94	55	35	31

**Table A7. Fatality Counts- Passenger Vehicles 10 Yrs. Old and Older by Crash Mode**

All					
Crash Year	Frontal	Side	Rear	Rollover	Other
1978-1980	18,337	6,436	1,283	3,459	1,379
1981-1983	20,256	6,788	1,639	3,048	2,680
1984-1986	23,811	8,203	2,020	3,258	2,388
1987-1989	27,768	9,174	2,281	3,728	2,277
1990-1992	25,866	9,187	2,078	3,037	1,978
1993-1995	26,594	9,169	2,123	2,751	1,827
1996-1998	30,265	10,530	2,475	3,201	1,869
1999-2001	31,107	10,951	2,762	3,530	1,865
2002-2004	31,332	11,434	2,741	3,219	1,630
2005-2007	30,633	11,255	2,780	3,547	2,089
Fire Involved					
1978-1980	356	136	78	112	47
1981-1983	560	202	86	123	71
1984-1986	695	247	125	118	73
1987-1989	824	270	145	111	86
1990-1992	853	264	127	86	61
1993-1995	911	290	121	62	63
1996-1998	970	269	140	72	60
1999-2001	1,128	254	150	82	62
2002-2004	1,077	253	131	81	69
2005-2007	1,031	280	115	88	62
Fire Coded as Most Harmful Event					
1978-1980	94	43	26	45	22
1981-1983	212	72	50	54	24
1984-1986	228	70	44	44	22
1987-1989	239	81	54	44	48
1990-1992	224	60	62	30	31
1993-1995	226	70	53	19	25
1996-1998	221	71	51	14	26
1999-2001	227	50	53	11	22
2002-2004	291	68	55	21	21
2005-2007	361	97	58	36	31

**Table A8. FARS Vehicle Counts- Passenger Vehicles 10 Yrs. Old and Older**

State	Count- Fire Crashes (2000-2007)	% All Fatals- Vehicles 10 Yrs Old+	% Fire Involved Fatals- All Vehicles
Oregon	134	54%	5.4%
Washington	166	54%	5.0%
Idaho	36	50%	2.3%
Alaska	23	47%	5.3%
Tennessee	381	46%	5.2%
Kentucky	248	45%	4.7%
North Dakota	33	45%	5.2%
Hawaii	23	44%	4.2%
California	858	44%	4.4%
Nebraska	40	44%	2.5%
North Carolina	293	44%	3.4%
Montana	72	43%	4.9%
South Dakota	48	43%	4.9%
Ohio	283	43%	3.8%
Virginia	126	42%	2.3%
Alabama	252	42%	3.9%
Kansas	142	42%	5.2%
West Virginia	107	41%	4.6%
South Carolina	150	41%	2.6%
Iowa	92	41%	3.8%
Wisconsin	238	41%	5.4%
Indiana	204	41%	4.1%
Minnesota	257	41%	7.7%
Missouri	329	41%	4.9%
Pennsylvania	358	40%	4.3%
Mississippi	48	40%	0.9%
Georgia	430	39%	4.7%
Colorado	90	39%	2.6%
Maine	38	39%	3.5%
Connecticut	74	38%	4.8%
Dist of Columbia	8	38%	4.1%
Arkansas	202	38%	5.5%
Oklahoma	246	38%	6.0%
Michigan	189	37%	2.9%
Utah	7	36%	0.4%
Arizona	244	36%	4.7%

**Table A9. Percent of All Vehicle Fires by Age of Vehicle by State**

State	Count- Fire Crashes (2000-2007)	% All Fatals- Vehicles 10 Yrs Old+	% Fire Involved Fatals- All Vehicles
Nevada	74	36%	4.0%
New York	250	36%	3.8%
Maryland	116	35%	3.6%
Rhode Island	22	35%	5.1%
Delaware	38	35%	5.3%
Illinois	408	35%	5.7%
Vermont	20	35%	4.4%
Massachusetts	85	35%	3.7%
New Jersey	132	35%	4.2%
Florida	417	34%	2.9%
Wyoming	22	34%	2.3%
New Mexico	61	34%	2.7%
Louisiana	263	34%	5.1%
Texas	785	33%	4.1%
New Hampshire	27	32%	3.6%

**Table A8 continued. Percent of All Vehicle Fires by Age of Vehicle by State**

Crash Year	Mode					
	Frontal	Nearside	Farside	Rear	Rollover	Other
1978	2,657	768	381	159	620	215
1979	2,901	789	393	122	598	273
1980	2,357	717	369	77	521	222
1981	2,147	696	324	109	401	195
1982	1,963	656	332	77	354	720
1983	1,666	637	311	79	217	758
1984	1,817	626	338	87	246	688
1985	1,981	757	388	104	198	202
1986	1,971	744	329	112	208	293
1987	2,336	841	362	179	317	295
1988	2,474	907	395	163	312	215
1989	2,446	943	433	132	236	176
1990	2,490	924	357	131	196	156
1991	2,223	841	407	115	252	146
1992	2,371	966	440	129	223	160
1993	2,422	918	424	141	213	154
1994	2,778	1,040	456	179	268	211
1995	2,725	1,089	433	154	228	192
1996	3,008	1,130	477	178	264	181
1997	3,296	1,328	504	186	280	202
1998	3,325	1,347	507	223	363	213
1999	3,636	1,528	557	257	360	280
2000	3,720	1,696	656	272	403	230
2001	3,720	1,616	655	273	419	209
2002	3,931	1,775	673	308	456	226
2003	3,916	1,709	710	319	433	197
2004	3,736	1,836	669	240	448	251
2005	3,580	1,576	605	230	459	226
2006	3,626	1,668	682	250	444	258
2007	3,510	1,543	658	265	440	268

**Table A10. Entrapment Fatalities by Year and Crash Mode- Passenger Vehicle Occupant Count (FARS 1978-2007).**

Crash Year	Mode					
	Frontal	Nearside	Farside	Rear	Rollover	Other
1978	161	36	22	51	52	25
1979	200	44	42	49	36	21
1980	161	42	33	20	28	9
1981	171	31	21	30	27	17
1982	145	27	18	12	22	36
1983	105	31	23	18	15	45
1984	123	28	25	21	15	25
1985	112	27	20	20	8	21
1986	123	33	28	25	11	24
1987	165	26	19	35	14	24
1988	170	23	21	26	21	19
1989	140	21	24	23	7	21
1990	144	31	14	25	3	10
1991	155	24	24	13	4	3
1992	171	33	23	18	9	13
1993	159	17	13	13	6	13
1994	167	31	28	25	2	10
1995	191	28	25	28	9	13
1996	182	25	13	14	2	12
1997	221	33	21	27	6	20
1998	233	35	23	35	9	5
1999	226	36	27	31	15	23
2000	294	47	23	40	14	10
2001	284	40	32	44	21	12
2002	285	39	29	34	15	23
2003	266	47	28	42	11	17
2004	236	55	30	38	12	16
2005	272	33	20	28	8	23
2006	276	37	29	37	20	8
2007	264	42	32	36	20	17

**Table A11. Entrapment Fire Involved, Fatalities by Year and Crash Mode- Passenger Vehicle Occupant Count (FARS 1978-2007).**

Crash Year	Mode					
	Frontal	Nearside	Farside	Rear	Rollover	Other
1979	80	25	25	38	21	13
1980	70	16	22	14	21	6
1981	54	9	9	19	17	11
1982	60	6	9	10	16	10
1983	27	10	8	16	6	7
1984	36	4	6	9	11	3
1985	36	6	2	8	4	3
1986	20	4	4	9	5	4
1987	63	9	8	7	5	3
1988	48	3	7	6	13	9
1989	27	4	6	9	.	12
1990	26	6	7	18	.	2
1991	45	7	4	8	1	3
1992	38	8	8	9	4	4
1993	46	1	4	8	1	5
1994	42	11	10	10	.	6
1995	42	4	7	24	5	6
1996	36	3	2	4	1	3
1997	49	9	7	10	3	11
1998	33	5	6	10	2	.
1999	52	9	7	11	5	7
2000	52	10	5	23	5	4
2001	71	7	3	18	5	7
2002	81	11	6	11	2	2
2003	76	15	7	15	4	4
2004	79	21	12	22	4	4
2005	96	6	6	14	3	11
2006	93	12	12	19	7	4
2007	96	17	11	16	7	7

**Table A12. Entrapment Fire as MHE, Fatalities by Year and Crash Mode- Passenger Vehicle Occupant Count (FARS 1978-2007).**



Crash Year	Vehicle Age		
	less than 5 yrs	5-9 yrs	10+ yrs
Alabama	83	124	143
Alaska	73	58	112
Arizona	710	647	710
Arkansas	95	129	114
California	633	536	884
Colorado	172	194	197
Connecticut	233	291	311
Delaware	112	117	117
Dist of Columbia	23	21	23
Florida	58	66	76
Georgia	1,190	1,393	1,548
Hawaii	70	39	63
Idaho	176	213	347
Illinois	530	622	626
Indiana	630	814	971
Iowa	238	372	462
Kansas	280	339	430
Kentucky	549	797	1,073
Louisiana	504	503	522
Maine	47	59	79
Maryland	134	129	135
Massachusetts	280	320	321
Michigan	805	928	1,026
Minnesota	194	232	312
Mississippi	56	76	68
Missouri	176	235	211
Montana	129	121	190
Nebraska	135	178	223
Nevada	237	178	236
New Hampshire	112	124	122
New Jersey	124	127	125
New Mexico	65	71	66
New York	774	881	907
North Carolina	592	733	1,075
North Dakota	19	24	52
Ohio	835	1,170	1,511
Oklahoma	367	408	437
Oregon	397	422	786
Pennsylvania	1,446	1,638	2,153
Rhode Island	62	64	75
South Carolina	14	12	25
South Dakota	44	78	86
Tennessee	712	960	1,375
Texas	35	58	58
Utah	231	220	270
Vermont	63	90	75
Virginia	1	3	5
Washington	217	298	565
West Virginia	328	422	502
Wisconsin	395	508	628
Wyoming	39	51	45

**Table A13. Entrapment by US State, Fatalities by Year and Crash Mode- Occupant Count (FARS 2000-2007).**

Crash Year	Mode				
	Frontal	Nearside	Rear	Rollover	Other
1978	1,549	1,418	132	5,671	384
1979	1,721	1,307	156	6,050	402
1980	2,354	1,215	181	6,148	323
1981	2,504	1,210	246	5,225	581
1982	2,413	1,017	213	4,157	484
1983	2,481	1,116	225	3,879	523
1984	2,669	1,226	237	3,846	505
1985	2,577	1,184	261	3,894	342
1986	3,150	1,357	312	4,261	379
1987	2,974	1,349	337	4,670	450
1988	3,125	1,405	335	4,729	516
1989	3,221	1,479	313	4,000	648
1990	3,410	1,588	291	3,603	704
1991	3,236	1,449	330	3,634	596
1992	3,119	1,362	336	3,271	531
1993	3,033	1,454	304	3,296	466
1994	3,250	1,447	355	3,285	630
1995	3,585	1,658	350	3,254	665
1996	3,437	1,718	372	3,443	642
1997	3,430	1,594	381	3,424	683
1998	3,356	1,714	420	3,589	676
1999	3,338	1,654	397	3,991	751
2000	3,366	1,584	446	3,939	609
2001	3,686	1,664	445	3,729	615
2002	3,821	1,729	467	3,961	667
2003	3,699	1,864	432	3,771	599
2004	3,877	1,903	424	3,605	712
2005	3,927	1,856	456	3,833	727
2006	3,799	1,896	432	3,699	849
2007	3,791	1,796	380	3,373	839

**Table A14. Passenger Vehicle Rollover Fatalities by Year and Crash Mode- Occupant Count (FARS 1978-2007).**

Crash Year	Mode				
	Frontal	Nearside	Rear	Rollover	Other
1978	85	79	10	185	16
1979	120	71	24	204	20
1980	139	64	16	176	16
1981	179	53	18	168	20
1982	148	42	29	131	12
1983	140	41	10	92	27
1984	163	69	19	83	16
1985	130	48	15	94	16
1986	212	55	19	137	14
1987	160	49	26	117	35
1988	181	66	21	131	21
1989	184	49	14	79	29
1990	188	62	14	72	24
1991	189	49	17	81	16
1992	199	54	9	66	12
1993	181	46	9	56	25
1994	184	61	14	62	24
1995	210	56	26	49	27
1996	192	67	19	46	13
1997	171	47	16	64	25
1998	180	62	15	75	23
1999	201	53	18	83	29
2000	188	57	21	84	28
2001	187	71	17	87	26
2002	189	63	19	85	28
2003	208	83	21	81	20
2004	183	69	16	63	20
2005	206	75	19	75	29
2006	182	71	16	109	22
2007	204	53	23	78	34

**Table A15. Rollover Fire Involved, Passenger Vehicle Fatalities by Year and Crash Mode-Occupant Count (FARS 1978-2007)**

Crash Year	Mode				
	Frontal	Nearside	Rear	Rollover	Other
1979	38	37	18	86	5
1980	60	28	7	102	7
1981	79	19	13	89	9
1982	59	25	13	56	2
1983	53	11	3	37	10
1984	60	27	6	36	3
1985	55	19	4	28	5
1986	79	18	5	58	6
1987	54	21	9	53	17
1988	73	29	8	47	16
1989	66	19	9	18	16
1990	55	23	7	26	12
1991	56	18	9	23	6
1992	73	15	5	18	1
1993	57	9	4	18	17
1994	55	24	10	23	6
1995	75	15	15	16	13
1996	53	14	9	6	4
1997	51	19	7	10	10
1998	34	21	5	11	5
1999	37	19	8	11	8
2000	51	7	5	16	6
2001	44	10	1	19	4
2002	44	17	4	18	9
2003	51	24	11	15	4
2004	53	20	8	25	5
2005	84	23	14	20	9
2006	58	19	2	33	2
2007	78	27	8	29	8

**Table A16. Rollover Fire as MHE, Passenger Vehicle Fatalities by Year and Crash Mode-Occupant Count (FARS 1978-2007).**