

Rollovers

Crash Data Report:
1990-1999

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Table 36: Single-Vehicle Rollover Crashes by Vehicle Type and Crash Severity

STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
FATAL CRASHES											
California	Passenger car	197	180	159	127	152	134	148	98	98	115
	Light truck	115	112	85	95	108	76	76	80	60	76
	Car & light truck – Total	312	292	244	222	260	210	224	178	158	191
INJURY CRASHES											
California	Passenger car	3,309	3,066	2,771	2,562	2,534	2,363	2,323	2,255	2,260	2,269
	Light truck	1,910	1,738	1,563	1,438	1,375	1,318	1,321	1,109	1,081	1,096
	Car & light truck – Total	5,219	4,804	4,334	4,000	3,909	3,681	3,644	3,364	3,341	3,365
PROPERTY DAMAGE ONLY CRASHES											
California	Passenger car	1,809	1,699	1,537	1,800	1,759	1,607	1,585	1,582	1,714	1,559
	Light truck	1,371	1,133	1,020	1,121	1,176	1,129	1,127	1,045	1,062	926
	Car & light truck – Total	3,180	2,832	2,557	2,921	2,935	2,736	2,712	2,627	2,776	2,485
FATAL CRASHES											
Florida	Passenger car	78	58	59	53	46	53	65	66	57	73
	Light truck – Pickup	38	34	26	42	36	31	33	37	41	53
	Light truck – Van	12	8	9	20	12	12	11	12	8	20
	Light truck – Subtotal	50	42	35	62	48	43	44	49	49	73
	Car & light truck – Total	128	100	94	115	94	96	109	115	106	146
INJURY CRASHES											
Florida	Passenger car	1,548	1,136	1,277	1,191	1,076	1,102	1,175	1,185	1,133	1,228
	Light truck – Pickup	766	659	624	653	618	647	736	690	681	771
	Light truck – Van	142	131	147	174	169	199	184	205	194	193
	Light truck – Subtotal	908	790	771	827	787	846	920	895	875	964
	Car & light truck – Total	2,456	1,926	2,048	2,018	1,863	1,948	2,095	2,080	2,008	2,192
PROPERTY DAMAGE ONLY CRASHES											
Florida	Passenger car	417	299	248	245	224	258	292	363	307	305
	Light truck – Pickup	214	182	137	142	157	181	223	207	200	229
	Light truck – Van	54	44	38	33	36	40	66	44	50	57
	Light truck – Subtotal	268	226	175	175	193	221	289	251	250	286
	Car & light truck – Total	685	525	423	420	417	479	581	614	557	591
FATAL CRASHES											
Georgia	Passenger car	76	57	49	60	35	49	48	32	37	*
	Light truck – Pickup	51	42	28	36	31	31	29	30	31	*
	Light truck – Utility	0	0	0	0	13	13	20	30	21	*
	Light truck – Van	2	6	5	6	6	5	4	4	6	*
	Light truck – Other	0	1	0	0	0	0	0	1	1	*
	Light truck – Subtotal	53	49	33	42	50	49	53	65	59	*
	Car & light truck – Total	129	106	82	102	85	98	101	97	96	*

*Data not available.

Bold numbers denote state-years where the light truck category was not used.

Rows listed as "Light-Truck – Other" are only included where applicable.

Refer to File Characteristics—beginning on page 7 in the Data File Structure—for general and state-specific data notes.

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STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
INJURY CRASHES											
Georgia	Passenger car	1,603	1,288	1,413	1,310	1,083	1,026	1,214	987	959	*
	Light truck – Pickup	758	621	618	601	481	548	566	517	465	*
	Light truck – Utility	0	0	0	0	125	214	307	323	354	*
	Light truck – Van	124	107	136	128	97	101	102	116	102	*
	Light truck – Other	33	27	34	24	28	23	31	31	43	*
	Light truck – Subtotal	915	755	788	753	731	886	1,006	987	964	*
	Car & light truck – Total	2,518	2,043	2,201	2,063	1,814	1,912	2,220	1,974	1,923	*
PROPERTY DAMAGE ONLY CRASHES											
Georgia	Passenger car	1,089	895	871	934	696	598	709	640	602	*
	Light truck – Pickup	615	495	443	463	374	383	443	403	374	*
	Light truck – Utility	0	0	0	0	86	146	182	189	192	*
	Light truck – Van	109	91	82	94	74	59	79	65	57	*
	Light truck – Other	63	65	52	70	56	42	51	51	63	*
	Light truck – Subtotal	787	651	577	627	590	630	755	708	686	*
	Car & light truck – Total	1,876	1,546	1,448	1,561	1,286	1,228	1,464	1,348	1,288	*
FATAL CRASHES											
Illinois	Passenger car	72	51	78	57	66	47	26	43	39	59
	Light truck – Pickup	30	39	37	22	20	16	4	16	18	18
	Light truck – Utility	0	0	0	0	0	0	7	23	11	26
	Light truck – Van	6	9	6	8	7	5	4	10	7	7
	Light truck – Subtotal	36	48	43	30	27	21	15	49	36	51
	Car & light truck – Total	108	99	121	87	93	68	41	92	75	110
INJURY CRASHES											
Illinois	Passenger car	1,987	1,910	1,952	1,508	1,174	1,023	738	1,809	1,638	1,804
	Light truck – Pickup	832	807	758	538	321	308	198	531	557	581
	Light truck – Utility	0	0	0	0	0	0	82	199	243	342
	Light truck – Van	222	201	219	195	147	158	136	223	215	226
	Light truck – Subtotal	1,054	1,008	977	733	468	466	416	953	1,015	1,149
	Car & light truck – Total	3,041	2,918	2,929	2,241	1,642	1,489	1,154	2,762	2,653	2,953
PROPERTY DAMAGE ONLY CRASHES											
Illinois	Passenger car	1,257	1,080	1,077	841	645	666	428	1,179	984	1,359
	Light truck – Pickup	734	723	594	504	308	333	173	603	486	634
	Light truck – Utility	0	0	0	0	0	0	41	184	224	329
	Light truck – Van	199	192	140	149	101	107	81	199	171	233
	Light truck – Subtotal	933	915	734	653	409	440	295	986	881	1,196
	Car & light truck – Total	2,190	1,995	1,811	1,494	1,054	1,106	723	2,165	1,865	2,555

*Data not available.

Bold numbers denote state-years where the light truck category was not used.

Rows listed as "Light-Truck – Other" are only included where applicable.

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Table 36: Single-Vehicle Rollover Crashes by Vehicle Type and Crash Severity

STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
FATAL CRASHES											
Indiana	Passenger car	61	55	56	40	67	67	64	63	55	70
	Light truck – Pickup	17	30	14	22	22	24	10	16	30	25
	Light truck – Van	6	7	8	1	6	2	14	5	14	8
	Light truck – Subtotal	23	37	22	23	28	26	24	21	44	33
	Car & light truck – Total	84	92	78	63	95	93	88	84	99	103
INJURY CRASHES											
Indiana	Passenger car	1,644	1,467	1,426	1,333	1,550	1,614	1,468	1,515	1,434	1,571
	Light truck – Pickup	536	525	534	522	507	601	460	530	501	509
	Light truck – Van	117	114	139	145	144	180	188	171	147	171
	Light truck – Subtotal	653	639	673	667	651	781	648	701	648	680
	Car & light truck – Total	2,297	2,106	2,099	2,000	2,201	2,395	2,116	2,216	2,082	2,251
PROPERTY DAMAGE ONLY CRASHES											
Indiana	Passenger car	1,232	1,174	1,032	971	1,082	1,219	1,139	1,208	1,036	1,430
	Light truck – Pickup	607	555	545	573	580	631	585	570	519	653
	Light truck – Van	152	134	145	138	128	196	184	166	141	187
	Light truck – Subtotal	759	689	690	711	708	827	769	736	660	840
	Car & light truck – Total	1,991	1,863	1,722	1,682	1,790	2,046	1,908	1,944	1,696	2,270
FATAL CRASHES											
Kansas	Passenger car	33	25	33	24	45	43	50	26	38	45
	Light truck	12	14	17	14	29	25	28	21	29	28
	Car & light truck – Total	45	39	50	38	74	68	78	47	67	73
INJURY CRASHES											
Kansas	Passenger car	810	770	726	722	845	810	899	485	452	468
	Light truck	509	485	456	456	557	478	521	306	278	254
	Car & light truck – Total	1,319	1,255	1,182	1,178	1,402	1,288	1,420	791	730	722
PROPERTY DAMAGE ONLY CRASHES											
Kansas	Passenger car	527	543	492	563	582	585	612	354	352	304
	Light truck	468	533	459	540	494	501	499	320	264	243
	Car & light truck – Total	995	1,076	951	1,103	1,076	1,086	1,111	674	616	547
FATAL CRASHES											
Maryland	Passenger car	21	19	12	27	26	29	26	17	30	21
	Light truck – Pickup	0	0	0	2	5	11	6	11	4	7
	Light truck – Van	0	0	0	1	5	3	3	5	4	1
	Light truck – Other	13	19	9	0	3	5	7	13	7	9
	Light truck – Subtotal	13	19	9	3	13	19	16	29	15	17
	Car & light truck – Total	34	38	21	30	39	48	42	46	45	38

Rows listed as "Light-Truck – Other" are only included where applicable.

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Table 36: Single-Vehicle Rollover Crashes by Vehicle Type and Crash Severity

STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
INJURY CRASHES											
Maryland	Passenger car	733	674	597	771	846	751	753	677	691	604
	Light truck – Pickup	0	0	0	139	204	215	230	235	193	169
	Light truck – Van	0	0	0	51	99	63	94	78	76	63
	Light truck – Other	405	378	344	19	104	169	207	231	214	231
	Light truck – Subtotal	405	378	344	209	407	447	531	544	483	463
	Car & light truck – Total	1,138	1,052	941	980	1,253	1,198	1,284	1,221	1,174	1,067
PROPERTY DAMAGE ONLY CRASHES											
Maryland	Passenger car	365	327	284	429	481	470	358	400	413	380
	Light truck – Pickup	0	0	0	109	150	171	185	164	164	161
	Light truck – Van	0	0	0	37	48	47	61	50	57	52
	Light truck – Other	252	201	207	15	70	117	144	144	153	163
	Light truck – Subtotal	252	201	207	161	268	335	390	358	374	376
	Car & light truck – Total	617	528	491	590	749	805	748	758	787	756
FATAL CRASHES											
Michigan	Passenger car	96	77	75	106	97	93	76	87	101	94
	Light truck – Pickup	31	25	17	19	18	29	32	19	31	35
	Light truck – Van	0	0	7	8	3	6	7	8	12	5
	Light truck – Other	0	0	1	0	1	2	3	5	5	2
	Light truck – Subtotal	31	25	25	27	22	37	42	32	48	42
	Car & light truck – Total	127	102	100	133	119	130	118	119	149	136
INJURY CRASHES											
Michigan	Passenger car	4,126	3,734	2,510	2,727	3,014	3,011	3,173	3,012	2,814	2,991
	Light truck – Pickup	1,289	1,137	836	854	998	1,023	1,043	1,055	905	985
	Light truck – Van	0	0	166	288	305	359	363	390	280	288
	Light truck – Other	22	21	44	61	73	112	119	132	112	148
	Light truck – Subtotal	1,311	1,158	1,046	1,203	1,376	1,494	1,525	1,577	1,297	1,421
	Car & light truck – Total	5,437	4,892	3,556	3,930	4,390	4,505	4,698	4,589	4,111	4,412
PROPERTY DAMAGE ONLY CRASHES											
Michigan	Passenger car	3,661	3,217	2,484	2,038	2,405	2,589	2,682	2,810	2,107	2,519
	Light truck – Pickup	1,649	1,454	1,049	993	1,167	1,318	1,439	1,341	1,085	1,165
	Light truck – Van	0	0	279	232	264	379	415	413	312	369
	Light truck – Other	18	16	67	72	92	114	173	166	128	166
	Light truck – Subtotal	1,667	1,470	1,395	1,297	1,523	1,811	2,027	1,920	1,525	1,700
	Car & light truck – Total	5,328	4,687	3,879	3,335	3,928	4,400	4,709	4,730	3,632	4,219

Bold numbers denote state-years where the light truck category was not used.

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STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
FATAL CRASHES											
Missouri	Passenger car	45	44	47	23	34	24	31	26	20	24
	Light truck – Pickup	0	0	0	24	28	29	30	25	35	33
	Light truck – Utility	0	0	0	9	7	12	14	13	13	17
	Light truck – Van	3	3	7	7	3	7	6	4	8	4
	Light truck – Other	33	22	23	0	0	0	0	0	0	0
	Light truck – Subtotal	36	25	30	40	38	48	50	42	56	54
	Car & light truck – Total	81	69	77	63	72	72	81	68	76	78
INJURY CRASHES											
Missouri	Passenger car	1,060	1,078	1,060	836	919	952	913	910	811	863
	Light truck – Pickup	0	0	0	466	494	536	525	494	499	523
	Light truck – Utility	0	0	0	199	190	225	292	239	298	345
	Light truck – Van	83	102	89	98	104	116	146	137	109	158
	Light truck – Other	561	491	489	0	0	0	0	0	0	0
	Light truck – Subtotal	644	593	578	763	788	877	963	870	906	1,026
	Car & light truck – Total	1,704	1,671	1,638	1,599	1,707	1,829	1,876	1,780	1,717	1,889
PROPERTY DAMAGE ONLY CRASHES											
Missouri	Passenger car	843	790	747	569	615	595	654	545	494	591
	Light truck – Pickup	0	0	0	430	442	474	473	471	466	464
	Light truck – Utility	0	0	0	166	153	196	219	236	234	309
	Light truck – Van	114	95	69	86	84	99	114	102	89	115
	Light truck – Other	500	515	446	0	0	0	0	0	0	0
	Light truck – Subtotal	614	610	515	682	679	769	806	809	789	888
	Car & light truck – Total	1,457	1,400	1,262	1,251	1,294	1,364	1,460	1,354	1,283	1,479
FATAL CRASHES											
New Mexico ¹	Passenger car	62	57	46	65	59	55	56	47	53	38
	Light truck – Pickup	64	54	59	64	49	67	38	38	37	50
	Light truck – Utility	12	13	6	6	10	10	16	16	29	25
	Light truck – Van	6	9	9	5	10	9	15	17	11	6
	Light truck – Subtotal	82	76	74	75	69	86	69	71	77	81
	Car & light truck – Total	144	133	120	140	128	141	125	118	130	119
INJURY CRASHES											
New Mexico	Passenger car	655	687	714	657	588	649	679	685	637	570
	Light truck – Pickup	554	597	588	576	547	595	609	650	527	449
	Light truck – Utility	117	117	107	77	58	74	81	94	86	188
	Light truck – Van	74	63	85	94	98	96	120	105	95	61
	Light truck – Subtotal	745	777	780	747	703	765	810	849	708	698
	Car & light truck – Total	1,400	1,464	1,494	1,404	1,291	1,414	1,489	1,534	1,345	1,268

Bold numbers denote state-years where the light truck category was not used.

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¹*New Mexico: Comparison with FARS single-vehicle rollover data indicates that the rollover totals tabulated for New Mexico 1990-1999 are overestimated by a factor of 2 to 3. Consult the Rollover query in "Supplemental Information" for further details.*



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Table 36: Single-Vehicle Rollover Crashes by Vehicle Type and Crash Severity

STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
PROPERTY DAMAGE ONLY CRASHES											
New Mexico	Passenger car	497	454	468	450	423	458	416	422	346	311
	Light truck – Pickup	557	490	544	471	446	495	468	580	410	356
	Light truck – Utility	113	90	75	61	44	50	65	108	66	107
	Light truck – Van	50	47	61	67	51	54	61	68	50	42
	Light truck – Subtotal	720	627	680	599	541	599	594	756	526	505
	Car & light truck – Total	1,217	1,081	1,148	1,049	964	1,057	1,010	1,178	872	816
FATAL CRASHES											
North Carolina	Passenger car	*	*	85	113	104	100	94	101	103	110
	Light truck – Pickup	*	*	38	31	22	46	41	30	37	32
	Light truck – Van	*	*	2	4	6	9	4	9	4	9
	Light truck – Other	*	*	5	11	19	10	13	14	16	18
	Light truck – Subtotal	*	*	45	46	47	65	58	53	57	59
	Car & light truck – Total	*	*	130	159	151	165	152	154	160	169
INJURY CRASHES											
North Carolina	Passenger car	*	*	2,907	3,079	3,263	3,295	3,158	3,167	3,044	3,135
	Light truck – Pickup	*	*	934	929	936	987	1,031	856	787	916
	Light truck – Van	*	*	105	132	123	150	183	165	182	194
	Light truck – Other	*	*	281	291	316	325	314	386	383	474
	Light truck – Subtotal	*	*	1,320	1,352	1,375	1,462	1,528	1,407	1,352	1,584
	Car & light truck – Total	*	*	4,227	4,431	4,638	4,757	4,686	4,574	4,396	4,719
PROPERTY DAMAGE ONLY CRASHES											
North Carolina	Passenger car	*	*	1,649	1,724	1,744	1,802	1,957	1,828	1,695	1,749
	Light truck – Pickup	*	*	608	683	744	739	844	706	610	744
	Light truck – Van	*	*	69	91	99	94	145	105	102	142
	Light truck – Other	*	*	208	215	215	224	244	252	261	279
	Light truck – Subtotal	*	*	885	989	1,058	1,057	1,233	1,063	973	1,165
	Car & light truck – Total	*	*	2,534	2,713	2,802	2,859	3,190	2,891	2,668	2,914
FATAL CRASHES											
Ohio	Passenger car	16	24	11	21	8	15	18	14	23	24
	Light truck	11	21	9	10	7	5	6	4	3	8
	Car & light truck – Total	27	45	20	31	15	20	24	18	26	32
INJURY CRASHES											
Ohio	Passenger car	897	859	763	751	872	875	907	905	860	1,139
	Light truck	373	370	313	325	387	410	401	345	377	443
	Car & light truck – Total	1,270	1,229	1,076	1,076	1,259	1,285	1,308	1,250	1,237	1,582

*Data not available.

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PROPERTY DAMAGE ONLY CRASHES											
Ohio	Passenger car	547	466	455	478	505	513	583	480	423	726
	Light truck	275	311	300	249	342	302	327	305	242	380
	Car & light truck – Total	822	777	755	727	847	815	910	785	665	1,106
FATAL CRASHES											
Pennsylvania	Passenger car	92	59	76	49	71	61	61	68	68	69
	Light truck	40	38	35	40	38	45	52	48	43	59
	Car & light truck – Total	132	97	111	89	109	106	113	116	111	128
INJURY CRASHES											
Pennsylvania	Passenger car	1,734	1,892	1,799	1,741	1,537	1,607	1,846	1,768	1,905	2,026
	Light truck	820	897	913	982	1,128	955	1,396	1,179	1,193	1,451
	Car & light truck – Total	2,554	2,789	2,712	2,723	2,665	2,562	3,242	2,947	3,098	3,477
PROPERTY DAMAGE ONLY CRASHES											
Pennsylvania	Passenger car	951	999	1,010	1,015	1,078	953	1,156	1,011	974	1,203
	Light truck	523	573	710	692	940	778	1,063	830	753	1,064
	Car & light truck – Total	1,474	1,572	1,720	1,707	2,018	1,731	2,219	1,841	1,727	2,267
FATAL CRASHES											
Texas ²	Passenger car	147	114	120	125	115	119	164	131	148	141
	Light truck – Pickup	148	130	140	106	127	110	148	154	163	149
	Light truck – Utility	0	0	0	0	0	0	93	78	88	96
	Light truck – Van	7	11	15	13	24	19	35	24	34	19
	Light truck – Other	43	35	39	51	47	65	2	0	0	2
	Light truck – Subtotal	198	176	194	170	198	194	278	256	285	266
	Car & light truck – Total	345	290	314	295	313	313	442	387	433	407
INJURY CRASHES											
Texas	Passenger car	3,390	2,885	2,662	2,765	2,891	2,947	3,743	3,253	3,067	3,268
	Light truck – Pickup	2,359	2,013	1,865	2,005	2,054	2,266	2,631	2,379	2,262	2,280
	Light truck – Utility	0	0	0	0	0	0	1,371	1,521	1,552	1,790
	Light truck – Van	341	353	317	352	330	415	485	511	433	417
	Light truck – Other	757	729	770	852	938	1,019	24	12	15	6
	Light truck – Subtotal	3,457	3,095	2,952	3,209	3,322	3,700	4,511	4,423	4,262	4,493
	Car & light truck – Total	6,847	5,980	5,614	5,974	6,213	6,647	8,254	7,676	7,329	7,761

Bold numbers denote state-years where the light truck category was not used.

Rows listed as "Light-Truck – Other" are only included where applicable.

Refer to File Characteristics—beginning on page 7 in the Data File Structure—for general and state-specific data notes.

²Texas: Comparison with FARS single-vehicle rollover data indicates that the rollover totals tabulated for Texas 1990-1996 are overestimated by approximately 30-40%. Totals for Texas 1997-1999 are overestimated by approximately 60%. Consult the Rollover query in "Supplemental Information" for further details.

Table 36: Single-Vehicle Rollover Crashes by Vehicle Type and Crash Severity

STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
PROPERTY DAMAGE ONLY CRASHES											
Texas	Passenger car	1,654	1,389	1,291	1,409	1,406	1,425	1,699	1,437	1,510	1,582
	Light truck – Pickup	1,522	1,370	1,199	1,291	1,388	1,355	1,499	1,546	1,433	1,479
	Light truck – Utility	0	0	0	0	0	0	607	702	696	805
	Light truck – Van	199	185	198	211	204	198	226	298	233	201
	Light truck – Other	400	416	366	448	396	480	9	6	6	5
	Light truck – Subtotal	2,121	1,971	1,763	1,950	1,988	2,033	2,341	2,552	2,368	2,490
	Car & light truck – Total	3,775	3,360	3,054	3,359	3,394	3,458	4,040	3,989	3,878	4,072
FATAL CRASHES											
Utah	Passenger car	16	14	11	14	18	24	16	15	17	15
	Light truck	21	23	21	24	23	29	34	19	20	38
	Car & light truck – Total	37	37	32	38	41	53	50	34	37	53
INJURY CRASHES											
Utah	Passenger car	235	206	240	278	274	363	383	386	372	385
	Light truck	250	289	344	342	384	553	567	545	593	563
	Car & light truck – Total	485	495	584	620	658	916	950	931	965	948
PROPERTY DAMAGE ONLY CRASHES											
Utah	Passenger car	131	147	153	198	149	187	217	211	218	157
	Light truck	205	296	309	334	355	417	467	438	452	403
	Car & light truck – Total	336	443	462	532	504	604	684	649	670	560
FATAL CRASHES											
Virginia	Passenger car	23	24	31	18	33	33	20	27	23	15
	Light truck – Pickup	11	13	7	10	10	18	9	6	25	20
	Light truck – Van	3	3	1	0	2	2	0	1	5	2
	Light truck – Subtotal	14	16	8	10	12	20	9	7	30	22
	Car & light truck – Total	37	40	39	28	45	53	29	34	53	37
INJURY CRASHES											
Virginia	Passenger car	891	1,007	990	957	981	929	941	984	1,018	879
	Light truck – Pickup	353	357	342	357	387	329	364	412	427	445
	Light truck – Van	40	61	47	60	55	78	65	66	77	48
	Light truck – Subtotal	393	418	389	417	442	407	429	478	504	493
	Car & light truck – Total	1,284	1,425	1,379	1,374	1,423	1,336	1,370	1,462	1,522	1,372

Bold numbers denote state-years where the light truck category was not used.

Rows listed as "Light-Truck – Other" are only included where applicable.

Refer to File Characteristics—beginning on page 7 in the Data File Structure—for general and state-specific data notes.

²Texas: Comparison with FARS single-vehicle rollover data indicates that the rollover totals tabulated for Texas 1990-1996 are overestimated by approximately 30-40%. Totals for Texas 1997-1999 are overestimated by approximately 60%. Consult the Rollover query in "Supplemental Information" for further details.



Table 36: Single-Vehicle Rollover Crashes by Vehicle Type and Crash Severity

STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
PROPERTY DAMAGE ONLY CRASHES											
Virginia	Passenger car	739	740	676	632	627	599	666	626	620	526
	Light truck – Pickup	338	311	297	348	336	282	400	323	375	395
	Light truck – Van	50	53	44	36	56	48	67	42	55	43
	Light truck – Subtotal	388	364	341	384	392	330	467	365	430	438
	Car & light truck – Total	1,127	1,104	1,017	1,016	1,019	929	1,133	991	1,050	964
FATAL CRASHES											
Washington	Passenger car	54	44	33	45	44	45	40	*	*	*
	Light truck	34	27	31	28	28	22	37	*	*	*
	Car & light truck – Total	88	71	64	73	72	67	77	*	*	*
INJURY CRASHES											
Washington	Passenger car	1,307	1,300	1,258	1,181	1,179	1,231	1,107	*	*	*
	Light truck	1,019	1,056	942	1,074	1,142	1,175	1,216	*	*	*
	Car & light truck – Total	2,326	2,356	2,200	2,255	2,321	2,406	2,323	*	*	*
PROPERTY DAMAGE ONLY CRASHES											
Washington	Passenger car	1,173	985	940	969	898	927	835	*	*	*
	Light truck	1,161	1,113	987	1,210	1,115	1,148	1,467	*	*	*
	Car & light truck – Total	2,334	2,098	1,927	2,179	2,013	2,075	2,302	*	*	*

*Data not available.

Refer to File Characteristics—beginning on page 7 in the Data File Structure—for general and state-specific data notes.



ROLLOVERS

Table 37: Passenger Car and Light Truck Occupants Killed or Injured in Single-Vehicle Rollover Crashes

STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
KILLED											
California	Passenger car	208	196	182	144	163	151	164	107	106	141
	Light truck	122	120	91	103	128	94	82	105	65	100
	Car & light truck – Total	330	316	273	247	291	245	246	212	171	241
INJURED											
California	Passenger car	5,295	4,929	4,548	4,209	4,160	3,850	3,835	3,607	3,717	3,686
	Light truck	3,116	3,011	2,673	2,555	2,439	2,250	2,292	1,944	1,840	1,767
	Car & light truck – Total	8,411	7,940	7,221	6,764	6,599	6,100	6,127	5,551	5,557	5,453
KILLED											
Florida	Passenger car	80	66	64	56	50	58	73	74	62	82
	Light truck – Pickup	42	36	27	44	39	32	36	38	44	62
	Light truck – Van	14	9	11	28	17	13	11	14	11	22
	Light truck – Subtotal	56	45	38	72	56	45	47	52	55	84
	Car & light truck – Total	136	111	102	128	106	103	120	126	117	166
INJURED											
Florida	Passenger car	2,440	1,817	2,094	1,898	1,726	1,721	1,794	1,825	1,833	1,915
	Light truck – Pickup	1,168	1,021	999	1,016	1,014	981	1,114	1,028	989	1,156
	Light truck – Van	309	333	369	470	419	408	394	420	370	493
	Light truck – Subtotal	1,477	1,354	1,368	1,486	1,433	1,389	1,508	1,448	1,359	1,649
	Car & light truck – Total	3,917	3,171	3,462	3,384	3,159	3,110	3,302	3,273	3,192	3,564
KILLED											
Georgia	Passenger car	79	62	53	64	37	50	51	34	39	*
	Light truck – Pickup	54	43	31	37	32	31	31	33	32	*
	Light truck – Utility	0	0	0	0	16	13	22	30	23	*
	Light truck – Van	3	8	5	6	6	7	5	6	10	*
	Light truck – Other	0	1	0	0	0	0	0	2	1	*
	Light truck – Subtotal	57	52	36	43	54	51	58	71	66	*
	Car & light truck – Total	136	114	89	107	91	101	109	105	105	*
INJURED											
Georgia	Passenger car	2,342	1,919	2,009	1,964	1,638	1,543	1,818	1,435	1,360	*
	Light truck – Pickup	1,120	872	912	869	719	798	797	721	641	*
	Light truck – Utility	0	0	0	0	227	354	492	555	576	*
	Light truck – Van	274	209	283	314	160	214	204	246	200	*
	Light truck – Other	43	53	62	38	34	41	46	49	64	*
	Light truck – Subtotal	1,437	1,134	1,257	1,221	1,140	1,407	1,539	1,571	1,481	*
	Car & light truck – Total	3,779	3,053	3,266	3,185	2,778	2,950	3,357	3,006	2,841	*

*Data not available.

Bold numbers denote state-years where the light truck category was not used.

Rows listed as "Light-Truck – Other" are only included where applicable.

Refer to File Characteristics—beginning on page 7 in the Data File Structure—for general and state-specific data notes.





Table 37: Passenger Car and Light Truck Occupants Killed or Injured in Single-Vehicle Rollover Crashes

STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
KILLED											
Illinois	Passenger car	76	55	86	58	70	50	28	44	43	62
	Light truck – Pickup	30	42	38	23	21	18	4	16	18	18
	Light truck – Utility	0	0	0	0	0	0	10	24	14	29
	Light truck – Van	7	9	6	9	8	5	6	11	8	7
	Light truck – Subtotal	37	51	44	32	29	23	20	51	40	54
	Car & light truck – Total	113	106	130	90	99	73	48	95	83	116
INJURED											
Illinois	Passenger car	2,915	2,802	2,946	2,224	1,765	1,490	1,075	2,631	2,332	2,539
	Light truck – Pickup	1,126	1,168	1,082	749	457	424	255	697	719	763
	Light truck – Utility	0	0	0	0	0	0	140	296	352	539
	Light truck – Van	376	352	394	374	307	317	254	402	389	357
	Light truck – Subtotal	1,502	1,520	1,476	1,123	764	741	649	1,395	1,460	1,659
	Car & light truck – Total	4,417	4,322	4,422	3,347	2,529	2,231	1,724	4,026	3,792	4,198
KILLED											
Indiana	Passenger car	68	60	59	46	71	70	68	67	60	75
	Light truck – Pickup	18	31	16	24	22	25	10	16	34	28
	Light truck – Van	8	8	9	1	10	2	15	6	15	9
	Light truck – Subtotal	26	39	25	25	32	27	25	22	49	37
	Car & light truck – Total	94	99	84	71	103	97	93	89	109	112
INJURED											
Indiana	Passenger car	2,307	2,042	1,959	1,854	2,181	2,362	2,080	2,168	1,977	2,180
	Light truck – Pickup	691	718	704	736	652	782	570	698	659	638
	Light truck – Van	222	205	238	247	233	292	311	283	248	304
	Light truck – Subtotal	913	923	942	983	885	1,074	881	981	907	942
	Car & light truck – Total	3,220	2,965	2,901	2,837	3,066	3,436	2,961	3,149	2,884	3,122
KILLED											
Kansas	Passenger car	35	26	33	24	49	44	54	27	39	53
	Light truck	13	16	20	14	30	25	29	24	30	31
	Car & light truck – Total	48	42	53	38	79	69	83	51	69	84
INJURED											
Kansas	Passenger car	1,226	1,161	1,081	1,068	1,276	1,253	1,430	748	722	703
	Light truck	703	745	706	710	846	687	789	475	469	412
	Car & light truck – Total	1,929	1,906	1,787	1,778	2,122	1,940	2,219	1,223	1,191	1,115

Bold numbers denote state-years where the light truck category was not used.

Refer to File Characteristics—beginning on page 7 in the Data File Structure—for general and state-specific data notes.

Table 37: Passenger Car and Light Truck Occupants Killed or Injured in Single-Vehicle Rollover Crashes

STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
KILLED											
Maryland	Passenger car	23	20	13	30	32	29	27	19	30	23
	Light truck – Pickup	0	0	0	2	6	11	6	11	4	7
	Light truck – Van	0	0	0	1	5	4	3	7	6	1
	Light truck – Other	14	21	9	0	3	5	11	15	9	9
	Light truck – Subtotal	14	21	9	3	14	20	20	33	19	17
	Car & light truck – Total	37	41	22	33	46	49	47	52	49	40
INJURED											
Maryland	Passenger car	1,038	931	891	1,126	1,213	1,065	1,068	977	980	820
	Light truck – Pickup	0	0	0	185	267	293	296	296	236	223
	Light truck – Van	0	0	0	79	174	120	177	163	119	120
	Light truck – Other	590	546	477	32	164	236	314	345	316	346
	Light truck – Subtotal	590	546	477	296	605	649	787	804	671	689
	Car & light truck – Total	1,628	1,477	1,368	1,422	1,818	1,714	1,855	1,781	1,651	1,509
KILLED											
Michigan	Passenger car	101	79	76	109	103	102	84	93	107	102
	Light truck – Pickup	31	25	18	20	18	31	35	19	31	38
	Light truck – Van	0	0	7	8	3	6	7	8	12	5
	Light truck – Other	0	0	1	0	1	2	3	6	5	2
	Light truck – Subtotal	31	25	26	28	22	39	45	33	48	45
	Car & light truck – Total	132	104	102	137	125	141	129	126	155	147
INJURED											
Michigan	Passenger car	5,774	5,293	3,222	3,745	4,124	4,130	4,209	4,026	3,792	3,964
	Light truck – Pickup	1,718	1,502	1,037	1,059	1,293	1,314	1,365	1,313	1,152	1,245
	Light truck – Van	0	0	226	415	447	544	493	575	411	396
	Light truck – Other	32	41	50	79	91	154	158	191	145	201
	Light truck – Subtotal	1,750	1,543	1,313	1,553	1,831	2,012	2,016	2,079	1,708	1,842
	Car & light truck – Total	7,524	6,836	4,535	5,298	5,955	6,142	6,225	6,105	5,500	5,806
KILLED											
Missouri	Passenger car	53	45	48	25	37	25	33	26	22	26
	Light truck – Pickup	0	0	0	25	29	29	32	26	35	33
	Light truck – Utility	0	0	0	9	7	13	14	14	16	18
	Light truck – Van	4	4	8	9	4	7	6	4	8	6
	Light truck – Other	36	22	23	0	0	0	0	0	0	0
	Light truck – Subtotal	40	26	31	43	40	49	52	44	59	57
	Car & light truck – Total	93	71	79	68	77	74	85	70	81	83

Bold numbers denote state-years where the light truck category was not used.

Rows listed as "Light-Truck – Other" are only included where applicable.

Refer to File Characteristics—beginning on page 7 in the Data File Structure—for general and state-specific data notes.





Table 37: Passenger Car and Light Truck Occupants Killed or Injured in Single-Vehicle Rollover Crashes

STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
INJURED											
Missouri	Passenger car	1,592	1,616	1,601	1,264	1,381	1,418	1,345	1,380	1,188	1,297
	Light truck – Pickup	0	0	0	676	728	805	780	706	719	721
	Light truck – Utility	0	0	0	339	301	373	441	385	473	544
	Light truck – Van	156	178	196	210	206	265	280	224	213	268
	Light truck – Other	853	706	722	0	0	0	0	0	0	0
	Light truck – Subtotal	1,009	884	918	1,225	1,235	1,443	1,501	1,315	1,405	1,533
	Car & light truck – Total	2,601	2,500	2,519	2,489	2,616	2,861	2,846	2,695	2,593	2,830
KILLED											
New Mexico ¹	Passenger car	67	62	52	75	66	60	64	56	58	39
	Light truck – Pickup	71	60	64	70	51	72	43	41	37	52
	Light truck – Utility	12	14	7	7	12	11	15	22	37	27
	Light truck – Van	9	9	15	7	16	14	13	23	14	9
	Light truck – Subtotal	92	83	86	84	79	97	71	86	88	88
	Car & light truck – Total	159	145	138	159	145	157	135	142	146	127
INJURED											
New Mexico	Passenger car	1,118	1,123	1,158	1,061	989	1,101	1,110	1,132	1,078	904
	Light truck – Pickup	902	956	972	958	837	951	925	1,021	803	688
	Light truck – Utility	202	203	158	111	102	129	153	184	180	342
	Light truck – Van	147	173	197	185	225	217	273	211	232	122
	Light truck – Subtotal	1,251	1,332	1,327	1,254	1,164	1,297	1,351	1,416	1,215	1,152
	Car & light truck – Total	2,369	2,455	2,485	2,315	2,153	2,398	2,461	2,548	2,293	2,056
KILLED											
North Carolina	Passenger car	*	*	90	120	109	103	99	107	116	115
	Light truck – Pickup	*	*	40	30	23	47	42	29	38	34
	Light truck – Van	*	*	2	3	5	9	3	10	3	8
	Light truck – Other	*	*	5	12	20	10	14	14	16	18
	Light truck – Subtotal	*	*	47	45	48	66	59	53	57	60
	Car & light truck – Total	*	*	137	165	157	169	158	160	173	175
INJURED											
North Carolina	Passenger car	*	*	4,233	4,465	4,768	4,828	4,634	4,602	4,262	4,460
	Light truck – Pickup	*	*	1,220	1,247	1,198	1,292	1,364	1,126	1,006	1,222
	Light truck – Van	*	*	187	205	213	236	318	280	282	324
	Light truck – Other	*	*	366	390	423	443	475	529	545	678
	Light truck – Subtotal	*	*	1,773	1,842	1,834	1,971	2,157	1,935	1,833	2,224
	Car & light truck – Total	*	*	6,006	6,307	6,602	6,799	6,791	6,537	6,095	6,684

*Data not available.

Bold numbers denote state-years where the light truck category was not used.

Rows listed as "Light-Truck – Other" are only included where applicable.

Refer to File Characteristics—beginning on page 7 in the Data File Structure—for general and state-specific data notes.

¹New Mexico: Comparison with FARS single-vehicle rollover data indicates that the rollover totals tabulated for New Mexico 1990-1999 are overestimated by a factor of 2 to 3. Consult the Rollover query in "Supplemental Information" for further details.

Table 37: Passenger Car and Light Truck Occupants Killed or Injured in Single-Vehicle Rollover Crashes

STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
KILLED											
Ohio	Passenger car	17	24	11	26	9	17	22	15	23	24
	Light truck	11	22	9	12	7	5	6	5	3	8
	Car & light truck – Total	28	46	20	38	16	22	28	20	26	32
INJURED											
Ohio	Passenger car	1,373	1,315	1,131	1,136	1,273	1,306	1,370	1,325	1,315	1,671
	Light truck	542	548	457	467	535	587	543	483	508	599
	Car & light truck – Total	1,915	1,863	1,588	1,603	1,808	1,893	1,913	1,808	1,823	2,270
KILLED											
Pennsylvania	Passenger car	93	61	78	53	73	67	64	73	70	70
	Light truck	44	39	37	48	39	46	52	51	50	64
	Car & light truck – Total	137	100	115	101	112	113	116	124	120	134
INJURED											
Pennsylvania	Passenger car	2,480	2,592	2,450	2,418	2,111	2,186	2,529	2,452	2,636	2,772
	Light truck	1,152	1,304	1,301	1,454	1,584	1,423	1,943	1,745	1,676	1,990
	Car & light truck – Total	3,632	3,896	3,751	3,872	3,695	3,609	4,472	4,197	4,312	4,762
KILLED											
Texas ²	Passenger car	157	130	129	130	127	129	180	140	156	148
	Light truck – Pickup	167	139	148	114	135	116	155	159	174	155
	Light truck – Utility	0	0	0	0	0	0	100	94	94	106
	Light truck – Van	8	12	25	15	31	22	46	27	39	26
	Light truck – Other	49	41	45	58	51	74	2	0	0	2
	Light truck – Subtotal	224	192	218	187	217	212	303	280	307	289
	Car & light truck – Total	381	322	347	317	344	341	483	420	463	437
INJURED											
Texas	Passenger car	5,145	4,324	4,084	4,336	4,417	4,507	5,800	5,012	4,580	4,867
	Light truck – Pickup	3,589	3,004	2,780	3,016	3,067	3,357	3,857	3,513	3,293	3,272
	Light truck – Utility	0	0	0	0	0	0	2,391	2,551	2,648	2,969
	Light truck – Van	647	675	658	785	703	916	1,064	1,074	935	872
	Light truck – Other	1,276	1,261	1,319	1,466	1,577	1,760	33	14	17	13
	Light truck – Subtotal	5,512	4,940	4,757	5,267	5,347	6,033	7,345	7,152	6,893	7,126
	Car & light truck – Total	10,657	9,264	8,841	9,603	9,764	10,540	13,145	12,164	11,473	11,993

Bold numbers denote state-years where the light truck category was not used.

Rows listed as "Light-Truck – Other" are only included where applicable.

Refer to File Characteristics—beginning on page 7 in the Data File Structure—for general and state-specific data notes.

²Texas: Comparison with FARS single-vehicle rollover data indicates that the rollover totals tabulated for Texas 1990-1996 are overestimated by approximately 30-40%. Totals for Texas 1997-1999 are overestimated by approximately 60%. Consult the Rollover query in "Supplemental Information" for further details.





Table 37: Passenger Car and Light Truck Occupants Killed or Injured in Single-Vehicle Rollover Crashes

STATE	VEHICLE/TRUCK TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
KILLED											
Utah	Passenger car	17	15	13	18	18	25	18	16	17	17
	Light truck	21	25	24	29	26	35	39	20	24	41
	Car & light truck – Total	38	40	37	47	44	60	57	36	41	58
INJURED											
Utah	Passenger car	388	328	397	449	424	582	623	616	592	617
	Light truck	439	543	633	577	685	935	1,020	977	944	1,023
	Car & light truck – Total	827	871	1,030	1,026	1,109	1,517	1,643	1,593	1,536	1,640
KILLED											
Virginia	Passenger car	23	24	34	19	34	34	21	27	26	15
	Light truck – Pickup	12	14	7	9	10	18	9	6	28	22
	Light truck – Van	3	3	1	0	2	2	0	1	5	2
	Light truck – Subtotal	15	17	8	9	12	20	9	7	33	24
	Car & light truck – Total	38	41	42	28	46	54	30	34	59	39
INJURED											
Virginia	Passenger car	1,218	1,385	1,423	1,329	1,404	1,359	1,258	1,405	1,413	1,194
	Light truck – Pickup	453	475	452	449	523	436	469	524	562	577
	Light truck – Van	93	109	85	97	108	138	102	105	111	100
	Light truck – Subtotal	546	584	537	546	631	574	571	629	673	677
	Car & light truck – Total	1,764	1,969	1,960	1,875	2,035	1,933	1,829	2,034	2,086	1,871
KILLED											
Washington	Passenger car	55	45	35	47	44	47	43	*	*	*
	Light truck	35	28	32	29	29	22	41	*	*	*
	Car & light truck – Total	90	73	67	76	73	69	84	*	*	*
INJURED											
Washington	Passenger car	1,910	1,953	1,867	1,757	1,773	1,860	1,646	*	*	*
	Light truck	1,517	1,574	1,398	1,521	1,726	1,757	1,782	*	*	*
	Car & light truck – Total	3,427	3,527	3,265	3,278	3,499	3,617	3,428	*	*	*

*Data not available.

Refer to File Characteristics—beginning on page 7 in the Data File Structure—for general and state-specific data notes.