

# Fatality Analysis Reporting System General Estimates System

## 2005 DATA SUMMARY





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## FARS AND GES DATA

**FARS**, the Fatality Analysis Reporting System that became operational in 1975, contains data on a census of fatal traffic crashes within the 50 States, the District of Columbia, and Puerto Rico. To be included in FARS, a crash must involve a motor vehicle traveling on a trafficway customarily open to the public, and must result in the death of an occupant of a vehicle or a nonoccupant within 30 days of the crash.

The 2005 FARS data file used for the statistics in this report was created in June 2006. The updated final counts for 2004 are reflected in this report. The updated final counts for 2005 will be reflected in the 2006 report.

Data in the General Estimates System (GES) are obtained from a nationally representative probability sample selected from all police-reported crashes. The system began operation in 1988. To be eligible for the GES sample, a police accident report (PAR) must be completed for the crash, and the crash must involve at least one motor vehicle traveling on a trafficway and result in property damage, injury, or death.

The 2005 GES file used for the statistics in this report was completed in June 2006.

## DATA AVAILABILITY

FARS and GES data can be obtained by downloading any of the published files from the Internet at <ftp://ftp.nhtsa.dot.gov/FARS> or <ftp://ftp.nhtsa.dot.gov/GES>. The files are available in SAS, sequential ASCII, and (for FARS only, not GES) SQL file formats. FARS data can also be accessed on the World Wide Web at [www-fars.nhtsa.dot.gov](http://www-fars.nhtsa.dot.gov). Requests for more information from FARS or GES or for a copy of the data files should be directed to:

National Highway Traffic Safety Administration  
National Center for Statistics and Analysis, NPO-121  
400 Seventh Street SW.  
Washington, DC 20590  
202-366-4198, 1-800-934-8517,  
or 202-366-7078 (Fax)

Requests for more information may also be submitted online via NCSA's Customer Automated Tracking System (CATS) at [www-nrd.nhtsa.dot.gov/CATS](http://www-nrd.nhtsa.dot.gov/CATS).

# Exhibit 1 - 2005 Traffic Fatalities by State and Percent Change From 2004

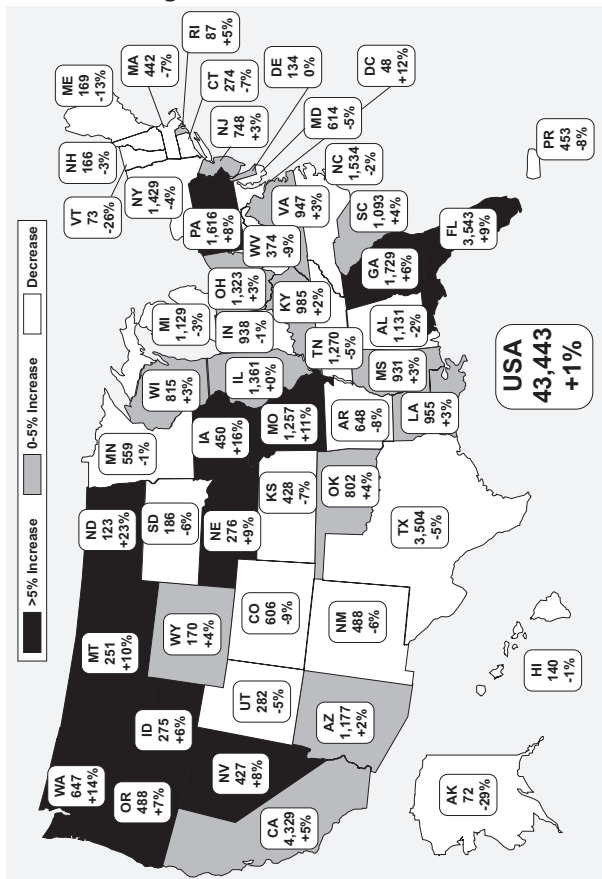


Exhibit 2 - **Crashes by Crash Severity, 1995-2005**

Year	Crash Severity			
	Fatal	Injury	Property Damage Only	Total
1995	37,241	2,217,000	4,446,000	<b>6,699,000</b>
1996	37,494	2,238,000	4,494,000	<b>6,770,000</b>
1997	37,324	2,149,000	4,438,000	<b>6,624,000</b>
1998	37,107	2,029,000	4,269,000	<b>6,335,000</b>
1999	37,140	2,054,000	4,188,000	<b>6,279,000</b>
2000	37,526	2,070,000	4,286,000	<b>6,394,000</b>
2001	37,862	2,003,000	4,282,000	<b>6,323,000</b>
2002	38,491	1,929,000	4,348,000	<b>6,316,000</b>
2003	38,477	1,925,000	4,365,000	<b>6,328,000</b>
2004	38,444	1,862,000	4,281,000	<b>6,181,000</b>
2005	39,189	1,816,000	4,304,000	<b>6,159,000</b>



### Exhibit 3 - Fatality and Injury Rates per Population And Vehicle Miles Traveled, 1995-2005

Killed					
Year	Fatalities	Resident Population (Thousands)	Fatality Rate per 100,000 Population	Vehicle Miles Traveled (Billions)	Fatality Rate per 100 Million VMT
1995	41,817	262,803	15.91	2,423	1.73
1996	42,065	265,229	15.86	2,486	1.69
1997	42,013	267,784	15.69	2,562	1.64
1998	41,501	270,248	15.36	2,632	1.58
1999	41,717	272,691	15.30	2,691	1.55
2000	41,945	282,193	14.86	2,747	1.53
2001	42,196	285,108	14.80	2,797	1.51
2002	43,005	287,985	14.93	2,856	1.51
2003	42,884	290,850	14.74	2,890	1.48
2004	42,836	293,657	14.59	2,965	1.44
2005	43,443	296,410	14.66	2,990	1.45
Injured					
Year	Injured	Resident Population (Thousands)	Injury Rate per 100,000 Population	Vehicle Miles Traveled (Billions)	Injury Rate per 100 Million VMT
1995	3,465,000	262,803	1,319	2,423	143
1996	3,483,000	265,229	1,313	2,486	140
1997	3,348,000	267,784	1,250	2,562	131
1998	3,192,000	270,248	1,181	2,632	121
1999	3,236,000	272,691	1,187	2,691	120
2000	3,189,000	282,193	1,130	2,747	116
2001	3,033,000	285,108	1,064	2,797	108
2002	2,926,000	287,985	1,016	2,856	102
2003	2,889,000	290,850	993	2,890	100
2004	2,788,000	293,657	950	2,965	94
2005	2,699,000	296,410	911	2,990	90

Sources: Vehicle Miles Traveled—Federal Highway Administration; Population—U.S. Bureau of the Census.

**Exhibit 4 - Vehicles Involved in Crashes by Vehicle Type and Crash Severity, 2005**

Vehicle Type	Crash Severity									
	Fatal		Injury		Property Damage Only		Total			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Passenger Car	25,029	42.2	1,893,000	57.6	4,169,000	55.5	6,087,000	56.1		
Light Truck	22,838	38.5	1,209,000	36.8	2,919,000	38.9	4,151,000	38.2		
Large Truck	4,932	8.3	82,000	2.5	354,000	4.7	442,000	4.1		
Motorcycle	4,655	7.8	80,000	2.4	18,000	0.2	103,000	1.0		
Bus	278	0.5	12,000	0.4	39,000	0.5	51,000	0.5		
Other	603	1.0	10,000	0.3	12,000	0.2	23,000	0.2		
<b>Total</b>	<b>*59,373</b>	<b>100.0</b>	<b>3,287,000</b>	<b>100.0</b>	<b>7,511,000</b>	<b>100.0</b>	<b>10,858,000</b>	<b>100.0</b>		

\*Includes 1,038 vehicles of unknown type involved in fatal crashes.

### Exhibit 5 - Passenger Car Occupant Fatality and Injury Rates per Vehicle Miles Traveled, 1995-2005

Year	Vehicle Miles Traveled (Millions)	Passenger Car Occupants Killed	Fatality Rate per 100 Million VMT	Passenger Car Occupants Injured	Injury Rate per 100 Million VMT
1995	1,478,352	22,423	1.52	2,469,000	167
1996	1,499,139	22,505	1.50	2,458,000	164
1997	1,528,399	22,199	1.45	2,341,000	153
1998	1,555,901	21,194	1.36	2,201,000	141
1999	1,566,808	20,862	1.33	2,138,000	136
2000	1,580,735	20,699	1.31	2,052,000	130
2001	1,595,443	20,320	1.27	1,927,000	121
2002	1,611,860	20,569	1.28	1,805,000	112
2003	1,612,237	19,725	1.22	1,756,000	109
2004	1,628,255	19,192	1.18	1,643,000	101
2005	1,614,807	18,440	1.14	1,573,000	97

Source: Vehicle Miles Traveled—Federal Highway Administration, revised by NHTSA.

**Exhibit 6 - Light-Truck Occupant Fatality and Injury Rates per Vehicle Miles Traveled, 1995-2005**

Year	Vehicle Miles Traveled (Millions)	Light-Truck Occupants Killed	Fatality Rate per 100 Million VMT	Light-Truck Occupants Injured	Injury Rate per 100 Million VMT
1995	749,971	9,568	1.28	722,000	96
1996	787,255	9,932	1.26	761,000	97
1997	824,896	10,249	1.24	755,000	92
1998	861,951	10,705	1.24	763,000	88
1999	903,314	11,265	1.25	847,000	94
2000	942,611	11,526	1.22	887,000	94
2001	976,096	11,723	1.20	861,000	88
2002	1,012,648	12,274	1.21	879,000	87
2003	1,043,936	12,546	1.20	889,000	85
2004	1,098,799	12,674	1.15	900,000	82
2005	1,134,748	12,975	1.14	872,000	77

Source: Vehicle Miles Traveled—Federal Highway Administration, revised by NHTSA.

### Exhibit 7 - Large-Truck Occupant Fatality and Injury Rates per Vehicle Miles Traveled, 1995-2005

Year	Vehicle Miles Traveled (Millions)	Large-Truck Occupants Killed	Fatality Rate per 100 Million VMT	Large-Truck Occupants Injured	Injury Rate per 100 Million VMT
1995	178,156	648	0.36	30,000	17
1996	182,971	621	0.34	33,000	18
1997	191,477	723	0.38	31,000	16
1998	196,380	742	0.38	29,000	15
1999	202,688	759	0.37	33,000	16
2000	205,520	754	0.37	31,000	15
2001	209,032	708	0.34	29,000	14
2002	214,603	689	0.32	26,000	12
2003	217,917	726	0.33	27,000	12
2004	220,811	766	0.35	27,000	12
2005	222,836	803	0.36	27,000	12

Source: Vehicle Miles Traveled—Federal Highway Administration.

### Exhibit 8 - Motorcycle Rider Fatality and Injury Rates per Vehicle Miles Traveled, 1995-2005

Year	Vehicle Miles Traveled (Millions)	Motorcycle Occupants Killed	Fatality Rate per 100 Million VMT	Motorcycle Occupants Injured	Injury Rate per 100 Million VMT
1995	9,797	2,227	22.73	57,000	587
1996	9,920	2,161	21.78	55,000	557
1997	10,081	2,116	20.99	53,000	522
1998	10,283	2,294	22.31	49,000	476
1999	10,584	2,483	23.46	50,000	472
2000	10,469	2,897	27.67	58,000	551
2001	9,639	3,197	33.17	60,000	625
2002	9,552	3,270	34.23	65,000	677
2003	9,577	3,714	38.78	67,000	701
2004	10,122	4,028	39.79	76,000	755
2005	10,770	4,553	42.27	87,000	811

Source: Vehicle Miles Traveled—Federal Highway Administration.

### Exhibit 9 - Fatalities in School-Transportation-Related Crashes, 1995-2005

Year	Occupants of School Transportation Vehicle*			Pedestrians		Other Non-occupants	Occupants of Other Vehicle	Total
	Driver	Passenger	Total	Struck by School Vehicle*	Struck by Other Vehicle			
1995	0	13	13	24	10	4	72	123
1996	2	8	10	16	7	2	101	136
1997	5	5	10	17	2	5	97	131
1998	3	3	6	21	3	7	91	128
1999	6	4	10	20	6	4	127	167
2000	8	13	21	19	7	1	99	147
2001	6	12	18	18	4	6	95	141
2002	1	2	3	16	4	6	100	129
2003	6	5	11	22	5	2	100	140
2004	3	4	7	27	3	3	93	133
2005	5	5	10	27	3	7	87	134
<b>Total</b>	<b>45</b>	<b>74</b>	<b>119</b>	<b>227</b>	<b>54</b>	<b>47</b>	<b>1,062</b>	<b>1,509</b>
Average	4	7	11	21	5	4	97	137

\*Includes school bus body type and non-school bus used as school bus.

Exhibit 10 - **Persons Killed, by Highest Blood Alcohol Concentration in the Crash, 1990-2005**

Year	BAC = .00		BAC = .01-.07		BAC = .08+		Total		Total Fatalities in Alcohol-Related Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1990	22,012	49	2,980	7	19,607	44	44,599		22,587	51
1991	21,349	51	2,560	6	17,599	42	41,508		20,159	49
1992	20,960	53	2,443	6	15,847	40	39,250		18,290	47
1993	22,242	55	2,361	6	15,547	39	40,150		17,908	45
1994	23,409	57	2,322	6	14,985	37	40,716		17,308	43
1995	24,085	58	2,490	6	15,242	36	41,817		17,732	42
1996	24,316	58	2,486	6	15,263	36	42,065		17,749	42
1997	25,302	60	2,290	5	14,421	34	42,013		16,711	40
1998	24,828	60	2,465	6	14,207	34	41,501		16,673	40
1999	25,145	60	2,321	6	14,250	34	41,717		16,572	40
2000	24,565	59	2,511	6	14,870	35	41,945		17,380	41
2001	24,796	59	2,542	6	14,858	35	42,196		17,400	41
2002	25,481	59	2,432	6	15,093	35	43,005		17,524	41
2003	25,779	60	2,427	6	14,678	34	42,884		17,105	40
2004	25,918	61	2,325	5	14,593	34	42,836		16,919	39
2005	26,558	61	2,346	5	14,539	33	43,443		16,885	39

Notes: NHTSA estimates alcohol involvement when alcohol test results are unknown. Blood alcohol concentrations (BACs) measured in grams per deciliter (g/dL).



### Exhibit 11 - Persons Killed During Holiday Periods, By Alcohol Involvement, 1995-2005

Year	Killed	Percent Alcohol-Related**	Killed	Percent Alcohol-Related**	Killed	Percent Alcohol-Related**
	Holiday Period*					
	New Year's Day		Memorial Day		Fourth of July	
1995	392 (3)	50	483 (3)	54	661 (4)	50
1996	420 (3)	54	514 (3)	55	629 (4)	49
1997	192 (1)	67	511 (3)	49	508 (3)	51
1998	545 (4)	51	393 (3)	54	479 (3)	52
1999	354 (3)	55	500 (3)	52	509 (3)	46
2000	469 (3)	58	466 (3)	55	717 (4)	49
2001	357 (3)	51	515 (3)	55	207 (1)	62
2002	575 (4)	52	494 (3)	47	685 (4)	48
2003	220 (1)	63	481 (3)	48	519 (3)	55
2004	563 (4)	50	514 (3)	49	524 (3)	49
2005	471 (3)	50	529 (3)	48	590 (3)	51
	Labor Day		Thanksgiving		Christmas	
1995	511 (3)	51	527 (4)	53	358 (3)	50
1996	525 (3)	54	588 (4)	48	167 (1)	53
1997	507 (3)	52	571 (4)	41	480 (4)	45
1998	464 (3)	52	602 (4)	50	364 (3)	52
1999	485 (3)	48	581 (4)	46	485 (3)	50
2000	529 (3)	54	509 (4)	53	442 (3)	51
2001	481 (3)	51	590 (4)	48	604 (4)	48
2002	543 (3)	57	551 (4)	47	131 (1)	54
2003	507 (3)	51	562 (4)	45	520 (4)	46
2004	502 (3)	49	574 (4)	42	389 (3)	49
2005	506 (3)	51	620 (4)	44	398 (3)	45

\*The number of whole days in the holiday period is shown in parentheses. The length of the holiday period depends on the day on which the legal holiday falls, as follows: • If the holiday falls on *Monday*, the holiday period is from 6 p.m. Friday to 5:59 a.m. Tuesday. • If the holiday falls on *Tuesday*, the holiday period is from 6 p.m. Friday to 5:59 a.m. Wednesday. • If the holiday falls on *Wednesday*, the holiday period is from 6 p.m. Tuesday to 5:59 a.m. Thursday. • If the holiday falls on *Thursday*, the holiday period is from 6 p.m. Wednesday to 5:59 a.m. Monday. • If the holiday falls on *Friday*, the holiday period is from 6 p.m. Thursday to 5:59 a.m. Monday.

\*\*Blood alcohol concentration (BAC) of .01 grams per deciliter (g/dL) or greater. NHTSA estimates alcohol involvement when alcohol test results are unknown.

### Exhibit 12 - Drivers in Fatal Crashes by Blood Alcohol Concentration and Sex, 1982-2005

Year	Male			Female		
	Total	Percent		Total	Percent	
		BAC = .01+	BAC = .08+		BAC = .01+	BAC = .08+
1982	44,370	44	38	10,675	27	22
1983	42,812	43	37	10,958	25	22
1984	44,723	41	35	11,907	25	20
1985	44,846	38	32	12,142	22	18
1986	46,653	40	33	12,744	22	17
1987	46,884	37	32	13,614	21	17
1988	47,402	37	31	13,951	20	16
1989	45,448	35	30	14,054	19	16
1990	44,281	37	32	13,726	20	16
1991	40,731	35	30	12,825	19	16
1992	38,598	33	28	12,596	18	15
1993	39,556	32	27	13,082	17	14
1994	40,233	30	26	13,567	17	14
1995	41,235	30	25	14,184	16	13
1996	41,376	29	25	14,850	16	13
1997	40,954	28	24	14,954	15	12
1998	40,816	28	23	15,089	15	12
1999	41,012	28	23	14,835	14	12
2000	41,795	29	24	14,790	16	13
2001	41,901	29	24	14,919	15	13
2002	42,377	29	25	14,999	15	12
2003	42,586	28	24	15,211	14	12
2004	42,250	28	24	15,384	15	12
2005	43,060	27	23	14,974	15	13

Notes: NHTSA estimates alcohol involvement when alcohol test results are unknown. Blood alcohol concentrations (BACs) measured in grams per deciliter (g/dL).

### Exhibit 13 - Pedestrians Killed, 14 Years and Older, By Blood Alcohol Concentration, 1982-2005

Year	BAC = .00		BAC = .01-.07		BAC = .08+		Total	
	No.	%	No.	%	No.	%	No.	%
1982	3,132	51	321	5	2,701	44	6,154	100
1983	2,905	51	297	5	2,508	44	5,710	100
1984	3,159	53	283	5	2,465	42	5,907	100
1985	3,072	54	342	6	2,288	40	5,702	100
1986	3,104	54	334	6	2,264	40	5,702	100
1987	3,188	56	344	6	2,183	38	5,715	100
1988	3,364	58	287	5	2,173	37	5,825	100
1989	3,164	56	300	5	2,193	39	5,658	100
1990	3,185	57	260	5	2,150	38	5,595	100
1991	2,862	57	236	5	1,907	38	5,005	100
1992	2,712	56	231	5	1,868	39	4,812	100
1993	2,792	57	199	4	1,869	38	4,860	100
1994	2,782	59	230	5	1,725	36	4,737	100
1995	2,871	59	225	5	1,801	37	4,896	100
1996	2,749	58	212	4	1,816	38	4,777	100
1997	2,889	61	177	4	1,649	35	4,715	100
1998	2,743	59	248	5	1,689	36	4,680	100
1999	2,568	58	194	4	1,657	37	4,419	100
2000	2,535	59	213	5	1,541	36	4,288	100
2001	2,666	60	220	5	1,567	35	4,453	100
2002	2,670	60	193	4	1,589	36	4,451	100
2003	2,621	60	192	4	1,570	36	4,383	100
2004	2,563	60	208	5	1,535	36	4,306	100
2005	2,791	62	193	4	1,530	34	4,514	100

Notes: NHTSA estimates alcohol involvement when alcohol test results are unknown. Blood alcohol concentrations (BACs) measured in grams per deciliter (g/dL).

Exhibit 14 - **Persons Killed, by Age and Highest Blood Alcohol Concentration in the Crash, 2005**

Age (Years)	Highest BAC in Crash										Total	
	.00		.01-.07		.08 or Higher		.01 and Higher		Total		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<5	466	79	20	3	104	18	124	21	590	100	590	100
5-9	463	79	34	6	89	15	123	21	585	100	585	100
10-15	912	78	63	5	197	17	261	22	1,173	100	1,173	100
16-20	3,757	66	348	6	1,594	28	1,942	34	5,699	100	5,699	100
21-24	2,129	46	311	7	2,182	47	2,493	54	4,622	100	4,622	100
25-34	3,301	47	433	6	3,349	47	3,783	53	7,084	100	7,084	100
35-44	3,251	49	390	6	2,930	45	3,320	51	6,570	100	6,570	100
45-54	3,533	57	333	5	2,301	37	2,634	43	6,167	100	6,167	100
55-64	2,961	71	213	5	1,009	24	1,223	29	4,184	100	4,184	100
65-74	2,326	83	89	3	401	14	490	17	2,816	100	2,816	100
>74	3,307	89	101	3	288	8	389	11	3,696	100	3,696	100
Unknown	151	59	11	4	95	37	106	41	257	100	257	100
<b>Total</b>	<b>26,558</b>	<b>61</b>	<b>2,346</b>	<b>5</b>	<b>14,539</b>	<b>33</b>	<b>16,885</b>	<b>39</b>	<b>43,443</b>	<b>100</b>	<b>43,443</b>	<b>100</b>

Notes: NHTSA estimates alcohol involvement when alcohol test results are unknown. Blood alcohol concentrations (BACs) measured in grams per deciliter (g/dL).

Exhibit 15 - **Age and Alcohol, 2005**

Age Group (years)	Drivers Involved in Fatal Crashes			Pedestrian Fatalities		
	Total	BAC = .08+		Total	BAC = .08+	
		No.	%		No.	%
<16	304	27	9	388	12	3
16-20	7,293	1,198	16	281	76	27
21-34	17,926	5,248	29	909	432	48
35-54	20,136	4,242	21	1,705	788	46
55-64	6,041	714	12	555	143	26
65+	6,215	326	5	981	85	9
<b>Total</b>	<b>*59,104</b>	<b>11,921</b>	<b>20</b>	<b>**4,881</b>	<b>1,560</b>	<b>32</b>

\*Includes 1,189 drivers of unknown age.

\*\*Includes 62 pedestrian fatalities of unknown age.

Notes: NHTSA estimates alcohol involvement when alcohol test results are unknown. Blood alcohol concentrations (BACs) measured in grams per deciliter (g/dL).

Exhibit 16 - **Persons Killed or Injured, by Person Type and Injury Severity, 2005**

Person Type	Persons Killed	Persons Injured by Injury Severity			Total Injured	Total Killed or Injured
		Incapacitating	Non-incapacitating	Other		
<b>Vehicle Occupants</b>						
Driver	23,240	178,000	458,000	1,107,000	1,743,000	1,766,000
Passenger	9,718	82,000	198,000	471,000	750,000	760,000
Unknown Occupant	83	*	*	*	*	*
<i>Subtotal</i>	33,041	260,000	656,000	1,578,000	2,494,000	2,527,000
<b>Motorcycle Riders</b>	4,553	25,000	43,000	19,000	87,000	92,000
<b>Nonoccupants</b>						
Pedestrian	4,881	16,000	23,000	25,000	64,000	69,000
Pedalcyclist	784	7,000	22,000	16,000	45,000	46,000
Other/Unknown	184	1,000	2,000	5,000	8,000	8,000
<i>Subtotal</i>	5,849	24,000	47,000	46,000	118,000	124,000
<b>Total</b>	<b>43,443</b>	<b>310,000</b>	<b>745,000</b>	<b>1,644,000</b>	<b>2,699,000</b>	<b>2,742,000</b>

\*Less than 500.

### Exhibit 17 - Related Factors for Drivers and Motorcycle Operators Involved in Fatal Crashes, 2005

Factors	Number	Percent
Failure to keep in proper lane or running off road	16,551	28.0
Driving too fast for conditions or in excess of posted speed limit or racing	11,803	20.0
Under the influence of alcohol, drugs, or medication	7,441	12.6
Failure to yield right-of-way	4,306	7.3
Inattentive (talking, eating, etc.)	3,415	5.8
Operating vehicle in erratic, reckless, careless, or negligent manner	2,712	4.6
Failure to obey traffic signs, signals, or officer	2,354	4.0
Overcorrecting/oversteering	2,319	3.9
Swerving or avoiding due to wind, slippery surface, vehicle, object, nonoccupant in roadway, etc.	2,301	3.9
Making improper turn	1,590	2.7
Drowsy, asleep, fatigued, ill, or blackout	1,552	2.6
Vision obscured (rain, snow, glare, lights, building, trees, etc.)	1,496	2.5
Driving wrong way on one-way trafficway or on wrong side of road	858	1.5
Other factors	9,304	15.7
None reported	21,265	36.0
Unknown	1,187	2.0
<b>Total Drivers</b>	<b>59,104</b>	<b>100.0</b>

Note: The sum of the numbers and percentages is greater than total drivers as more than one factor may be present for the same driver.

**Exhibit 18 - Vehicle Occupants Killed or Injured, By Age and Vehicle Type, 2005**

Age (Years)	Vehicle Type							Total
	Passenger Cars	Light Trucks	Large Trucks	Buses	Other/Unknown	Subtotal	Motorcycles	
<b>Occupants Killed</b>								
<5	266	184	0	0	8	458	3	461
5-9	186	213	1	4	21	425	8	433
10-15	429	339	4	2	68	842	48	890
16-20	3,434	1,465	12	3	98	5,012	341	5,353
21-24	2,390	1,257	35	2	73	3,757	516	4,273
25-34	2,839	2,280	140	4	101	5,364	1,011	6,375
35-44	2,132	2,134	210	2	98	4,576	1,018	5,594
45-54	1,908	1,977	205	7	71	4,168	918	5,086
55-64	1,414	1,402	148	9	52	3,025	507	3,532
65-74	1,233	895	39	2	34	2,203	146	2,349
>74	2,168	796	9	23	31	3,027	36	3,063
Unknown	41	33	0	0	110	184	1	185
<b>Total</b>	<b>18,440</b>	<b>12,975</b>	<b>803</b>	<b>58</b>	<b>765</b>	<b>33,041</b>	<b>4,553</b>	<b>37,594</b>
<b>Occupants Injured</b>								
<5	30,000	22,000	* 1,000	*	53,000	*	53,000	
5-9	33,000	27,000	* 2,000	1,000	62,000	*	62,000	
10-15	68,000	48,000	* 1,000	2,000	120,000	2,000	121,000	
16-20	301,000	101,000	1,000	1,000	407,000	10,000	417,000	
21-24	202,000	72,000	2,000	*	277,000	11,000	288,000	
25-34	287,000	164,000	6,000	1,000	459,000	21,000	481,000	
35-44	216,000	170,000	7,000	2,000	396,000	18,000	414,000	
45-54	184,000	143,000	6,000	1,000	336,000	17,000	353,000	
55-64	119,000	77,000	3,000	2,000	201,000	7,000	208,000	
65-74	67,000	33,000	1,000	*	100,000	1,000	102,000	
>74	66,000	16,000	*	*	83,000	*	83,000	
<b>Total</b>	<b>1,573,000</b>	<b>872,000</b>	<b>27,000</b>	<b>11,000</b>	<b>10,000</b>	<b>2,494,000</b>	<b>87,000</b>	<b>2,581,000</b>

\*Less than 500.



## Exhibit 19 - Percent Rollover Occurrence by Vehicle Type and Crash Severity, 2005

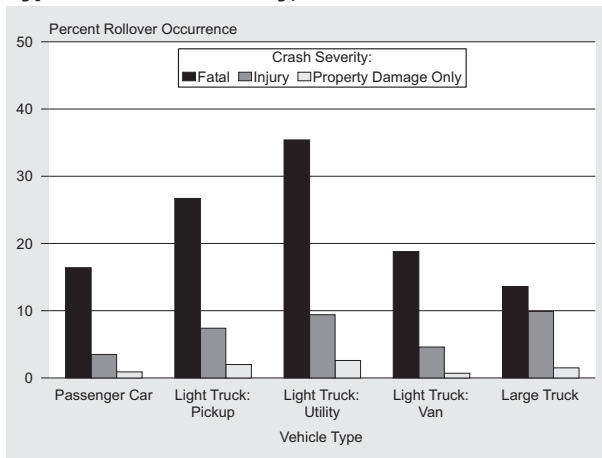


Exhibit 20 - **Vehicle Occupants Killed or Injured, By Vehicle Type and Ejection, 2005**

Vehicle Type	Ejected*		Not Ejected		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Occupants Killed</b>								
Passenger Car	3,561	19.3	14,831	80.4	48	0.3	18,440	100.0
Light Truck	4,882	37.6	8,040	62.0	53	0.4	12,975	100.0
Large Truck	204	25.4	591	73.6	8	1.0	803	100.0
Bus	11	19.0	47	81.0	0	0.0	58	100.0
Other/Unknown	221	28.9	372	48.6	172	22.5	765	100.0
<b>Total**</b>	<b>8,879</b>	<b>26.9</b>	<b>23,881</b>	<b>72.3</b>	<b>281</b>	<b>0.9</b>	<b>33,041</b>	<b>100.0</b>
<b>Occupants Injured</b>								
Passenger Car	8,000	0.5	1,566,000	99.5	****	****	1,573,000	100.0
Light Truck	10,000	1.1	862,000	98.9	****	****	872,000	100.0
Large Truck	***	0.9	27,000	99.1	****	****	27,000	100.0
Bus	***	2.7	11,000	97.3	****	****	11,000	100.0
Other/Unknown	4,000	41.3	6,000	58.7	****	****	10,000	100.0
<b>Total**</b>	<b>22,000</b>	<b>0.9</b>	<b>2,472,000</b>	<b>99.1</b>	<b>****</b>	<b>****</b>	<b>2,494,000</b>	<b>100.0</b>

\*Includes total and partial ejection.

\*\*Excludes motorcycle riders.

\*\*\*Less than 500.

\*\*\*\*Not applicable.

**Exhibit 21 - Occupants Killed or Injured in Two-Vehicle Crashes, by Vehicle Types Involved, 2005**

Vehicle Types Involved				Total Occupants Killed
Vehicle Type	Occupants Killed	Vehicle Type	Occupants Killed	
Passenger Car	—	Passenger Car	—	2,586
Passenger Car	4,197	Light Truck	1,049	5,246
Passenger Car	1,596	Large Truck	30	1,626
Passenger Car	21	Motorcycle	897	918
Passenger Car	65	Bus	1	66
Passenger Car	85	Other/Unknown	71	156
Light Truck	—	Light Truck	—	1,871
Light Truck	1,269	Large Truck	49	1,318
Light Truck	7	Motorcycle	1,038	1,045
Light Truck	37	Bus	3	40
Light Truck	52	Other/Unknown	90	142
Large Truck	—	Large Truck	—	147
Large Truck	0	Motorcycle	166	166
Large Truck	6	Bus	12	18
Large Truck	3	Other/Unknown	39	42
Motorcycle	—	Motorcycle	—	88
Motorcycle	18	Bus	0	18
Motorcycle	53	Other/Unknown	6	59
Bus	0	Other/Unknown	1	1
Other/Unknown	—	Other/Unknown	—	87
<b>Total Occupants Killed . . . . .</b>				<b>15,640</b>
Vehicle Types Involved				Total Occupants Injured
Vehicle Type	Occupants Injured	Vehicle Type	Occupants Injured	
Passenger Car	—	Passenger Car	—	596,000
Passenger Car	420,000	Light Truck	277,000	697,000
Passenger Car	36,000	Large Truck	6,000	42,000
Passenger Car	3,000	Motorcycle	21,000	24,000
Passenger Car	6,000	Bus	5,000	11,000
Passenger Car	1,000	Other/Unknown	1,000	2,000
Light Truck	—	Light Truck	—	235,000
Light Truck	24,000	Large Truck	5,000	29,000
Light Truck	2,000	Motorcycle	14,000	16,000
Light Truck	2,000	Bus	5,000	7,000
Light Truck	1,000	Other/Unknown	1,000	2,000
Large Truck	—	Large Truck	—	3,000
<b>Total Occupants Injured . . . . .</b>				<b>1,668,000</b>

### Exhibit 22 - Passenger Car and Light Truck Occupants Killed or Injured, by Age And Restraint Use, 2005

Age (Years)	Restraint Use						Total	
	Used		Not Used		Unknown			
	No.	%	No.	%	No.	%	No.	%
<b>Occupants Killed</b>								
<5	280	62.2	148	32.9	22	4.9	<b>450</b>	<b>100.0</b>
5-9	197	49.4	171	42.9	31	7.8	<b>399</b>	<b>100.0</b>
10-15	267	34.8	421	54.8	80	10.4	<b>768</b>	<b>100.0</b>
16-20	1,751	35.7	2,783	56.8	365	7.5	<b>4,899</b>	<b>100.0</b>
21-24	1,164	31.9	2,199	60.3	284	7.8	<b>3,647</b>	<b>100.0</b>
25-34	1,587	31.0	3,135	61.2	397	7.8	<b>5,119</b>	<b>100.0</b>
35-44	1,549	36.3	2,433	57.0	284	6.7	<b>4,266</b>	<b>100.0</b>
45-54	1,625	41.8	2,004	51.6	256	6.6	<b>3,885</b>	<b>100.0</b>
55-64	1,404	49.9	1,238	44.0	174	6.2	<b>2,816</b>	<b>100.0</b>
65-74	1,233	57.9	769	36.1	126	5.9	<b>2,128</b>	<b>100.0</b>
>74	1,934	65.2	835	28.2	195	6.6	<b>2,964</b>	<b>100.0</b>
Unknown	23	31.1	36	48.6	15	20.3	<b>74</b>	<b>100.0</b>
<b>Total</b>	<b>13,014</b>	<b>41.4</b>	<b>16,172</b>	<b>51.5</b>	<b>2,229</b>	<b>7.1</b>	<b>31,415</b>	<b>100.0</b>
<b>Occupants Injured</b>								
<5	46,000	88.1	4,000	6.8	3,000	5.1	<b>52,000</b>	<b>100.0</b>
5-9	52,000	87.7	5,000	8.6	2,000	3.7	<b>60,000</b>	<b>100.0</b>
10-15	93,000	79.8	16,000	13.5	8,000	6.7	<b>116,000</b>	<b>100.0</b>
16-20	329,000	81.7	50,000	12.3	24,000	6.0	<b>403,000</b>	<b>100.0</b>
21-24	220,000	80.2	33,000	11.9	22,000	7.9	<b>274,000</b>	<b>100.0</b>
25-34	371,000	82.5	41,000	9.2	38,000	8.3	<b>450,000</b>	<b>100.0</b>
35-44	339,000	87.8	22,000	5.7	25,000	6.5	<b>386,000</b>	<b>100.0</b>
45-54	288,000	88.0	20,000	6.0	19,000	5.9	<b>327,000</b>	<b>100.0</b>
55-64	176,000	90.2	9,000	4.6	10,000	5.2	<b>196,000</b>	<b>100.0</b>
65-74	88,000	88.9	4,000	4.5	7,000	6.6	<b>99,000</b>	<b>100.0</b>
>74	75,000	90.6	4,000	5.0	4,000	4.4	<b>82,000</b>	<b>100.0</b>
<b>Total</b>	<b>2,077,000</b>	<b>84.9</b>	<b>207,000</b>	<b>8.5</b>	<b>161,000</b>	<b>6.6</b>	<b>2,446,000</b>	<b>100.0</b>

Note: Restraint use is determined by police and may be overreported for survivors.

### Exhibit 23 - Restraint Use by Children 0 to 7 Years Old, 2005

Grouping	Restraint Use (Percent)	Grouping	Restraint Use (Percent)
Overall	82	Rush Hour	80
Infants (<1 Year)	98	Non-Rush Hour	85
Toddlers (1 to 3 Years)	93	Weekday	83
Booster Age (4 to 7 Years)	73	Weekend	79
Passenger Cars	78	City	78
Vans and SUVs	88	Suburban	85
Pickups	71	Rural	80
Front Seat	72		
Back Seat	83		

Source: NHTSA, National Occupant Protection Use Survey (NOPUS).

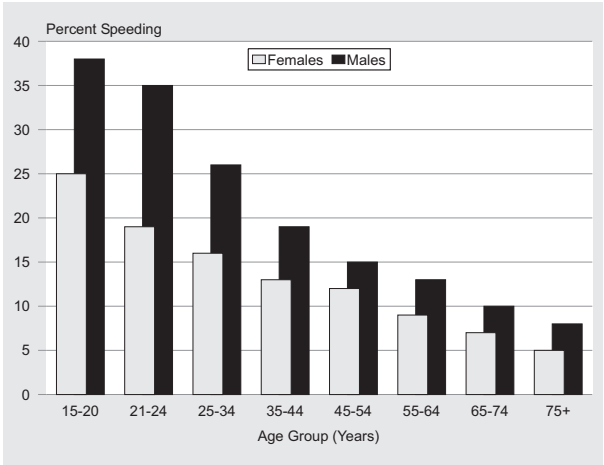
**Exhibit 24 - Fatalities and Injuries in Crashes  
Involving Large Trucks, 2005**

Type of Fatality	Number	Percentage of Total
Occupants of Large Trucks	803	15
<i>Single-Vehicle Crashes</i>	480	9
<i>Multiple-Vehicle Crashes</i>	323	6
Occupants of Other Vehicles in Crashes Involving Large Trucks	3,944	76
Nonoccupants (Pedestrians, Pedalcyclists, etc.)	465	9
<b>Total</b>	<b>5,212</b>	<b>100</b>
Type of Injury	Number	Percentage of Total
Occupants of Large Trucks	27,000	24
<i>Single-Vehicle Crashes</i>	10,000	9
<i>Multiple-Vehicle Crashes</i>	17,000	15
Occupants of Other Vehicles in Crashes Involving Large Trucks	84,000	74
Nonoccupants (Pedestrians, Pedalcyclists, etc.)	2,000	2
<b>Total</b>	<b>113,000</b>	<b>100</b>

**Exhibit 25 - Principal Impact Points in Two-Vehicle Fatal Crashes Involving Large Trucks, 2005**

Impact Point on Large Truck	Impact Point on Other Vehicle				
	Front	Left Side	Right Side	Rear	Total
Front	30%	16%	12%	6%	<b>64%</b>
Left Side	8%	1%	1%	0%	<b>11%</b>
Right Side	5%	1%	0%	0%	<b>6%</b>
Rear	17%	0%	0%	0%	<b>18%</b>
<b>Total</b>	<b>61%</b>	<b>18%</b>	<b>14%</b>	<b>7%</b>	<b>100%</b>

**Exhibit 26 - Speeding Drivers in Fatal Crashes  
By Age and Sex, 2005**





## Exhibit 27 - Lives Saved, 1975-2005

Year	Lives Saved					Additional Lives That Would Have Been Saved at 100% Use	
	Passenger Vehicle Restraints			Motor-cycle Helmets	21-Year-Old Drinking Age*	Safety Belts	Motor-cycle Helmets
	Child Restraints	Safety Belts	Air Bags				
1975	36	978	0	823	412	13,301	1,164
1976	20	796	0	788	436	13,851	1,189
1977	35	682	0	970	474	14,460	1,472
1978	25	679	0	900	509	15,541	1,588
1979	49	594	0	885	575	15,726	1,676
1980	49	575	0	871	595	15,730	1,744
1981	69	548	0	843	633	15,222	1,667
1982	75	678	0	816	578	13,250	1,528
1983	105	809	0	735	609	12,913	1,450
1984	126	1,197	0	813	709	13,227	759
1985	153	2,435	0	788	701	12,508	764
1986	166	4,094	0	807	840	12,728	751
1987	213	5,141	2	667	1,071	12,678	697
1988	248	5,959	5	622	1,148	12,674	644
1989	238	6,333	8	561	1,093	12,256	553
1990	222	6,592	37	655	1,033	11,761	541
1991	253	6,838	71	595	941	10,812	467
1992	292	7,020	108	641	795	10,195	323
1993	313	7,773	190	671	816	10,212	336
1994	420	9,219	309	625	848	9,507	339
1995	408	9,882	536	624	851	9,781	326
1996	480	10,710	783	617	846	9,459	324
1997	444	11,259	973	627	846	9,096	315
1998	438	11,680	1,208	660	861	8,690	369
1999	447	11,941	1,491	745	901	8,809	396
2000	479	12,882	1,716	872	922	8,245	478
2001	388	13,295	1,978	947	927	8,016	558
2002	383	14,264	2,324	992	922	6,837	576
2003	447	15,095	2,519	1,173	918	6,151	651
2004	455	15,548	2,660	1,324	927	5,874	673
2005	420	15,632	2,741	1,546	823	5,328	728
<b>Total</b>	<b>7,896</b>	<b>211,128</b>	<b>19,659</b>	<b>25,203</b>	<b>24,560</b>	<b>344,838</b>	<b>25,046</b>

\*Estimated reductions in deaths that resulted from the presence of laws establishing a minimum legal age of 21 years for the consumption of alcoholic beverages.

## **NOTES**

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