

Fatality Analysis Reporting System General Estimates System

2004 DATA SUMMARY



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FARS AND GES DATA

FARS, which 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 nonmotorist within 30 days of the crash.

The 2004 FARS data file used for the statistics in this report was created in June 2005. The updated final counts for 2003 are reflected in this report. The updated final counts for 2004 will be reflected in the 2005 report.

GES data 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 2004 GES file used for the statistics in this report was completed in June 2005.

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. 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, S.W.
Washington, D.C. 20590
(202) 366-4198, 1-800-934-8517,
or (202) 366-7078 (FAX)

Exhibit 1 - 2004 Traffic Fatalities by State and Percent Change from 2003

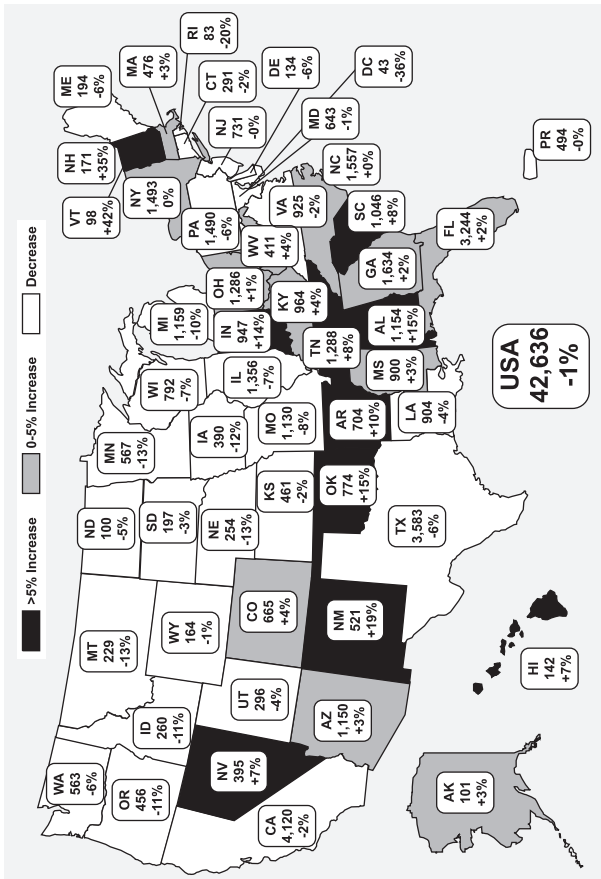


Exhibit 2 - **Crashes by Crash Severity, 1994-2004**

Year	Crash Severity			
	Fatal	Injury	Property Damage Only	Total
1994	36,254	2,123,000	4,336,000	6,496,000
1995	37,241	2,217,000	4,446,000	6,699,000
1996	37,494	2,238,000	4,494,000	6,770,000
1997	37,324	2,149,000	4,438,000	6,624,000
1998	37,107	2,029,000	4,269,000	6,335,000
1999	37,140	2,054,000	4,188,000	6,279,000
2000	37,526	2,070,000	4,286,000	6,394,000
2001	37,862	2,003,000	4,282,000	6,323,000
2002	38,491	1,929,000	4,348,000	6,316,000
2003	38,477	1,925,000	4,365,000	6,328,000
2004	38,253	1,862,000	4,281,000	6,181,000

Exhibit 3 - Fatality and Injury Rates per Population and Vehicle Miles Traveled, 1994-2004

Killed					
Year	Fatalities	Resident Population (Thousands)	Fatality Rate per 100,000 Population	Vehicle Miles Traveled (Billions)	Fatality Rate per 100 Million VMT
1994	40,716	260,327	15.64	2,358	1.73
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	282,192	14.86	2,747	1.53
2001	42,196	285,102	14.80	2,797	1.51
2002	43,005	287,941	14.94	2,856	1.51
2003	42,884	290,789	14.75	2,891	1.48
2004	42,636	293,655	14.52	2,923	1.46
Injured					
Year	Injured	Resident Population (Thousands)	Injury Rate per 100,000 Population	Vehicle Miles Traveled (Billions)	Injury Rate per 100 Million VMT
1994	3,266,000	260,327	1,255	2,358	139
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	282,192	1,130	2,747	116
2001	3,033,000	285,102	1,064	2,797	108
2002	2,926,000	287,941	1,016	2,856	102
2003	2,889,000	290,789	993	2,891	100
2004	2,788,000	293,655	950	2,923	95

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, 2004**

Vehicle Type	Crash Severity									
	Fatal		Injury		Property Damage Only		Total			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Passenger Car	25,507	43.7	1,990,000	58.3	4,216,000	56.3	6,232,000	56.8		
Light Truck	22,337	38.2	1,246,000	36.5	2,886,000	38.5	4,154,000	37.9		
Large Truck	4,862	8.3	87,000	2.5	324,000	4.3	416,000	3.8		
Motorcycle	4,100	7.0	70,000	2.1	13,000	0.2	88,000	0.8		
Bus	275	0.5	13,000	0.4	39,000	0.5	52,000	0.5		
Other	635	1.1	9,000	0.3	10,000	0.1	20,000	0.2		
Total	*58,414	100.0	3,415,000	100.0	7,489,000	100.0	10,962,000	100.0		

*Includes 698 vehicles of unknown type involved in fatal crashes.

Exhibit 5 - Passenger Car Occupant Fatality and Injury Rates per Vehicle Miles Traveled, 1994-2004

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
1994	1,459,208	21,997	1.51	2,364,000	162
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	1,623,639	19,091	1.18	1,643,000	101

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

Exhibit 6 - Light Truck Occupant Fatality and Injury Rates per Vehicle Miles Traveled, 1994-2004

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
1994	711,515	8,904	1.25	631,000	89
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	1,095,685	12,602	1.15	900,000	82

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

Exhibit 7 - Large Truck Occupant Fatality and Injury Rates per Vehicle Miles Traveled, 1994-2004

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
1994	170,216	670	0.39	30,000	18
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	226,505	761	0.34	27,000	12

Source: Vehicle Miles Traveled—Federal Highway Administration.

Exhibit 8 - Motorcycle Rider Fatality and Injury Rates per Vehicle Miles Traveled, 1994-2004

Year	Vehicle Miles Traveled (Millions)	Motorcycle Occupants Killed	Fatality Rate per 100 Million VMT	Motorcycle Occupants Injured	Injury Rate per 100 Million VMT
1994	10,240	2,320	22.66	57,000	561
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	10,048	4,008	39.89	76,000	760

Source: Vehicle Miles Traveled—Federal Highway Administration.

Exhibit 9 - Fatalities in School Transportation-Related Crashes, 1994-2004

Year	Occupants of School Bus*			Pedestrians			Other Non-occupants	Occupants of Other Vehicle	Total
	Driver	Passenger	Total	Struck by School Bus*	Struck by Other Vehicle	Total			
1994	2	2	4	28	9	37	2	64	107
1995	0	13	13	24	10	34	4	72	123
1996	2	8	10	16	7	23	2	101	136
1997	5	5	10	17	2	19	5	97	131
1998	3	3	6	21	3	24	7	91	128
1999	6	4	10	20	6	26	4	127	167
2000	8	13	21	19	7	26	1	99	147
2001	6	12	18	18	4	22	6	95	141
2002	1	2	3	16	4	20	6	100	129
2003	6	5	11	22	5	27	2	100	140
2004	3	4	7	27	3	30	3	90	130
Total	42	71	113	228	60	288	42	1,036	1,479
Average	4	6	10	21	5	26	4	94	134

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

Exhibit 10 - Persons Killed, by Highest Blood Alcohol Concentration (BAC) in the Crash, 1989-2004

Year	BAC = .00		BAC = .01-.07		BAC = .08+		Total Number	Total Fatalities in Alcohol-Related Crashes	
	Number	Percent	Number	Percent	Number	Percent		Number	Percent
1989	23,159	51	2,893	6	19,531	43	45,582	22,424	49
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	25,942	61	2,285	5	14,409	34	42,636	16,694	39

Note: NHTSA estimates alcohol involvement when alcohol test results are unknown.

Exhibit 11 - Persons Killed During Holiday Periods, by Alcohol Involvement, 1994-2004

Year	Holiday Period*					
	New Year's Day		Memorial Day		Fourth of July	
	Killed	Percent Alcohol-Related**	Killed	Percent Alcohol-Related**	Killed	Percent Alcohol-Related**
1994	372 (3)	56	482 (3)	50	519 (3)	52
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	562 (4)	50	513 (3)	48	523 (3)	48
	Labor Day		Thanksgiving		Christmas	
1994	494 (3)	58	575 (4)	50	455 (3)	51
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	500 (3)	48	571 (4)	42	388 (3)	48

*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 6:00 pm Friday to 5:59 am Tuesday. • If the holiday falls on *Tuesday*, the holiday period is from 6:00 pm Friday to 5:59 am Wednesday. • If the holiday falls on *Wednesday*, the holiday period is from 6:00 pm Tuesday to 5:59 am Thursday. • If the holiday falls on *Thursday*, the holiday period is from 6:00 pm Wednesday to 5:59 am Monday. • If the holiday falls on *Friday*, the holiday period is from 6:00 pm Thursday to 5:59 am 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 (BAC) and Sex, 1982-2004

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	42,045	28	23	15,268	14	12

Note: NHTSA estimates alcohol involvement when alcohol test results are unknown.

Exhibit 13 - Pedestrians Killed, 14 Years and Older, by Blood Alcohol Concentration (BAC), 1982-2004

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	2,529	59	204	5	1,539	36	4,271	100

Note: NHTSA estimates alcohol involvement when alcohol test results are unknown.

Exhibit 14 - **Persons Killed, by Age and Highest Blood Alcohol Concentration (BAC) in the Crash, 2004**

Age (Years)	Highest BAC in Crash										Total	
	.00		.01-.07		.08 or Higher		.01 and Higher		Total		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%		
<5	487	77	30	5	112	18	142	23	629	100	629	100
5-9	499	82	17	3	96	16	113	18	612	100	612	100
10-15	1,068	78	72	5	224	16	296	22	1,364	100	1,364	100
16-20	3,781	64	394	7	1,721	29	2,115	36	5,896	100	5,896	100
21-24	1,996	45	312	7	2,157	48	2,469	55	4,465	100	4,465	100
25-34	3,250	47	426	6	3,178	46	3,605	53	6,855	100	6,855	100
35-44	3,192	50	335	5	2,856	45	3,191	50	6,383	100	6,383	100
45-54	3,430	57	298	5	2,258	38	2,555	43	5,985	100	5,985	100
55-64	2,643	69	164	4	1,006	26	1,170	31	3,813	100	3,813	100
65-74	2,203	80	110	4	429	16	538	20	2,741	100	2,741	100
>74	3,325	88	121	3	319	8	440	12	3,765	100	3,765	100
Unknown	67	52	6	5	55	43	61	48	128	100	128	100
Total	25,942	61	2,285	5	14,409	34	16,694	39	42,636	100	42,636	100

Note: NHTSA estimates alcohol involvement when alcohol test results are unknown.

Exhibit 15 - **Age and Alcohol, 2004**

Age Group (years)	Drivers Involved in Fatal Crashes			Pedestrian Fatalities		
	Total	BAC = .08+		Total	BAC = .08+	
		No.	%		No.	%
<16	344	33	10	393	16	4
16-20	7,709	1,314	17	265	74	28
21-34	17,561	5,077	29	875	430	49
35-54	19,784	4,149	21	1,622	788	49
55-69	7,244	835	12	687	188	27
70+	4,528	221	5	753	50	7
Total	*58,080	11,791	20	**4,641	1,570	34

*Includes 910 drivers of unknown age.

**Includes 46 pedestrian fatalities of unknown age.

Note: NHTSA estimates alcohol involvement when alcohol test results are unknown.

Exhibit 16 - **Persons Killed or Injured, by Person Type and Injury Severity, 2004**

Person Type	Persons Killed	Persons Injured by Injury Severity			Total Injured	Total Killed or Injured
		Incapacitating	Non-incapacitating	Other		
Vehicle Occupants						
Driver	23,063	183,000	469,000	1,130,000	1,782,000	1,805,000
Passenger	9,991	80,000	206,000	525,000	811,000	821,000
Unknown Occupant	80	*	*	*	1,000	1,000
<i>Subtotal</i>	33,134	263,000	675,000	1,656,000	2,594,000	2,627,000
Motorcycle Riders	4,008	23,000	37,000	16,000	76,000	80,000
Nonmotorists						
Pedestrian	4,641	16,000	23,000	29,000	68,000	73,000
Pedalcyclist	725	6,000	21,000	14,000	41,000	42,000
Other/Unknown	128	1,000	2,000	6,000	9,000	9,000
<i>Subtotal</i>	5,494	22,000	47,000	50,000	118,000	124,000
Total	42,636	308,000	759,000	1,721,000	2,788,000	2,831,000

*Less than 500.

Exhibit 17 - Related Factors for Drivers Involved in Fatal Crashes, 2004

Factors	Number	Percent
Failure to keep in proper lane or running off road	13,954	24.0
Driving too fast for conditions or in excess of posted speed limit or racing	11,818	20.3
Under the influence of alcohol, drugs, or medication	7,072	12.2
Failure to yield right of way	4,611	7.9
Operating vehicle in erratic, reckless, careless, or negligent manner	3,905	6.7
Inattentive (talking, eating, etc.)	3,671	6.3
Swerving or avoiding due to wind, slippery surface, vehicle, object, nonmotorist in roadway, etc.	2,666	4.6
Failure to obey traffic signs, signals, or officer	2,607	4.5
Overcorrecting/oversteering	2,466	4.2
Vision obscured (rain, snow, glare, lights, building, trees, etc.)	1,679	2.9
Drowsy, asleep, fatigued, ill, or blackout	1,653	2.8
Making improper turn	1,537	2.6
Driving wrong way on one-way trafficway or on wrong side of road	936	1.6
Other factors	9,420	16.2
None reported	20,216	34.8
Unknown	780	1.3
Total Drivers	58,080	100.0

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, 2004

Age (Years)	Vehicle Type							Total
	Passenger Cars	Light Trucks	Large Trucks	Buses	Other/Unknown	Subtotal	Motorcycles	
Occupants Killed								
<5	279	216	4	0	6	505	0	505
5-9	207	211	7	0	13	438	6	444
10-15	590	356	3	6	82	1,037	47	1,084
16-20	3,640	1,495	22	2	92	5,251	324	5,575
21-24	2,375	1,220	28	0	81	3,704	453	4,157
25-34	2,923	2,129	123	3	106	5,284	899	6,183
35-44	2,153	2,101	195	2	79	4,530	917	5,447
45-54	1,910	1,935	200	5	63	4,113	887	5,000
55-64	1,377	1,311	131	9	35	2,863	362	3,225
65-74	1,285	831	42	9	34	2,201	92	2,293
>74	2,314	761	5	5	47	3,132	20	3,152
Unknown	38	36	1	0	1	76	1	77
Total	19,091	12,602	761	41	639	33,134	4,008	37,142
Occupants Injured								
<5	35,000	22,000	*	*	*	57,000	*	57,000
5-9	37,000	29,000	*	2,000	*	68,000	*	68,000
10-15	69,000	45,000	*	4,000	2,000	120,000	2,000	122,000
16-20	315,000	114,000	3,000	3,000	1,000	435,000	9,000	444,000
21-24	198,000	76,000	1,000	*	1,000	277,000	9,000	286,000
25-34	286,000	165,000	5,000	2,000	1,000	459,000	17,000	477,000
35-44	236,000	179,000	8,000	1,000	2,000	427,000	15,000	442,000
45-54	201,000	139,000	5,000	3,000	*	349,000	16,000	365,000
55-64	124,000	78,000	3,000	1,000	1,000	206,000	6,000	212,000
65-74	73,000	35,000	1,000	*	*	110,000	2,000	112,000
>74	67,000	19,000	*	*	*	86,000	1,000	87,000
Total	1,643,000	900,000	27,000	16,000	7,000	2,594,000	76,000	2,670,000

*Less than 500.

Exhibit 19 - Percent Rollover Occurrence by Vehicle Type and Crash Severity, 2004

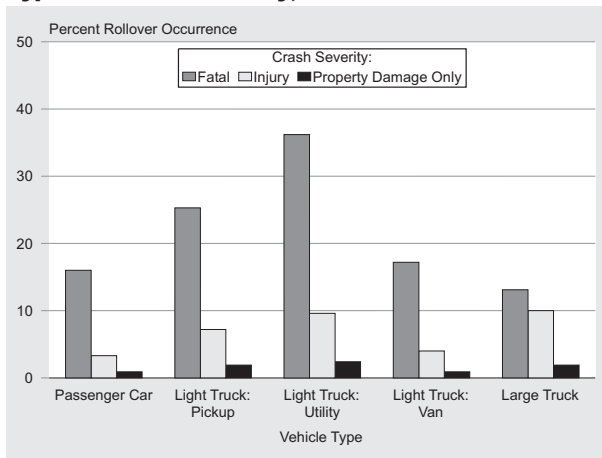


Exhibit 20 - **Vehicle Occupants Killed or Injured, by Vehicle Type and Ejection, 2004**

Vehicle Type	Ejected*		Not Ejected		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Occupants Killed								
Passenger Car	3,581	18.8	15,397	80.7	113	0.6	19,091	100.0
Light Truck	4,783	38.0	7,758	61.6	61	0.5	12,602	100.0
Large Truck	210	27.6	543	71.4	8	1.1	761	100.0
Bus	20	48.8	21	51.2	0	0.0	41	100.0
Other/Unknown	245	38.3	336	52.6	58	9.1	639	100.0
Total**	8,839	26.7	24,055	72.6	240	0.7	33,134	100.0
Occupants Injured								
Passenger Car	8,000	0.5	1,635,000	99.5	****	****	1,643,000	100.0
Light Truck	10,000	1.1	890,000	98.9	****	****	900,000	100.0
Large Truck	***	1.5	27,000	98.5	****	****	27,000	100.0
Bus	***	***	16,000	100.0	****	****	16,000	100.0
Other/Unknown	2,000	32.7	5,000	67.3	****	****	7,000	100.0
Total**	20,000	0.8	2,573,000	99.2	****	****	2,594,000	100.0

*Includes total and partial ejection.

**Excludes motorcycle riders.

***Less than 500 or less than 0.05 percent.

****Not applicable.

Exhibit 21 - Occupants Killed or Injured in Two-Vehicle Crashes, by Vehicle Types Involved, 2004

Vehicle Types Involved				Total Occupants Killed
Vehicle Type	Occupants Killed	Vehicle Type	Occupants Killed	
Passenger Car	—	Passenger Car	—	2,738
Passenger Car	4,387	Light Truck	1,073	5,460
Passenger Car	1,763	Large Truck	43	1,806
Passenger Car	16	Motorcycle	748	764
Passenger Car	75	Bus	0	75
Passenger Car	73	Other/Unknown	66	139
Light Truck	—	Light Truck	—	1,883
Light Truck	1,219	Large Truck	35	1,254
Light Truck	8	Motorcycle	897	905
Light Truck	45	Bus	4	49
Light Truck	60	Other/Unknown	90	150
Large Truck	—	Large Truck	—	124
Large Truck	0	Motorcycle	158	158
Large Truck	1	Bus	8	9
Large Truck	0	Other/Unknown	36	36
Motorcycle	—	Motorcycle	—	84
Motorcycle	13	Bus	0	13
Motorcycle	34	Other/Unknown	3	37
Bus	—	Bus	—	1
Bus	0	Other/Unknown	2	2
Other/Unknown	—	Other/Unknown	—	50
Total Occupants Killed				15,737
Vehicle Types Involved				Total Occupants Injured
Vehicle Type	Occupants Injured	Vehicle Type	Occupants Injured	
Passenger Car	—	Passenger Car	—	626,000
Passenger Car	415,000	Light Truck	278,000	693,000
Passenger Car	39,000	Large Truck	6,000	44,000
Passenger Car	4,000	Motorcycle	19,000	23,000
Passenger Car	6,000	Bus	9,000	15,000
Passenger Car	2,000	Other/Unknown	1,000	3,000
Light Truck	—	Light Truck	—	246,000
Light Truck	24,000	Large Truck	3,000	27,000
Light Truck	1,000	Motorcycle	14,000	15,000
Light Truck	3,000	Bus	2,000	5,000
Light Truck	2,000	Other/Unknown	2,000	3,000
Large Truck	—	Large Truck	—	2,000
Total Occupants Injured				1,704,000

Exhibit 22 - Passenger Car and Light Truck Occupants Killed or Injured, by Age and Restraint Use, 2004

Age (Years)	Restraint Use						Total	
	Used		Not Used		Unknown			
	No.	%	No.	%	No.	%	No.	%
Occupants Killed								
<5	299	60.4	168	33.9	28	5.7	495	100.0
5-9	188	45.0	204	48.8	26	6.2	418	100.0
10-15	324	34.2	558	59.0	64	6.8	946	100.0
16-20	1,824	35.5	2,953	57.5	358	7.0	5,135	100.0
21-24	1,136	31.6	2,206	61.4	253	7.0	3,595	100.0
25-34	1,703	33.7	2,966	58.7	383	7.6	5,052	100.0
35-44	1,513	35.6	2,455	57.7	286	6.7	4,254	100.0
45-54	1,615	42.0	1,929	50.2	301	7.8	3,845	100.0
55-64	1,326	49.3	1,207	44.9	155	5.8	2,688	100.0
65-74	1,199	56.7	774	36.6	143	6.8	2,116	100.0
>74	2,001	65.1	905	29.4	169	5.5	3,075	100.0
Unknown	18	24.3	39	52.7	17	23.0	74	100.0
Total	13,146	41.5	16,364	51.6	2,183	6.9	31,693	100.0
Occupants Injured								
<5	49,000	87.0	4,000	7.4	3,000	5.5	56,000	100.0
5-9	56,000	84.7	6,000	9.1	4,000	6.2	66,000	100.0
10-15	92,000	80.9	15,000	13.0	7,000	6.2	114,000	100.0
16-20	345,000	80.3	51,000	12.0	33,000	7.7	429,000	100.0
21-24	223,000	81.4	27,000	9.8	24,000	8.8	274,000	100.0
25-34	380,000	84.1	39,000	8.6	33,000	7.3	451,000	100.0
35-44	356,000	85.7	28,000	6.7	32,000	7.6	416,000	100.0
45-54	299,000	88.0	18,000	5.2	23,000	6.9	340,000	100.0
55-64	181,000	89.9	10,000	4.7	11,000	5.4	202,000	100.0
65-74	98,000	90.3	4,000	4.1	6,000	5.6	109,000	100.0
>74	76,000	89.2	4,000	5.2	5,000	5.5	85,000	100.0
Total	2,156,000	84.8	206,000	8.1	181,000	7.1	2,543,000	100.0

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

Exhibit 23 - Restraint Use by Children 0 to 7 Years Old, 2004

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, 2004**

Type of Fatality	Number	Percentage of Total
Occupants of Large Trucks	761	15
<i>Single-Vehicle Crashes</i>	466	9
<i>Multiple-Vehicle Crashes</i>	295	6
Occupants of Other Vehicles in Crashes Involving Large Trucks	4,006	77
Nonoccupants (Pedestrians, Pedalcyclists, etc.)	423	8
Total	5,190	100
Type of Injury	Number	Percentage of Total
Occupants of Large Trucks	27,000	23
<i>Single-Vehicle Crashes</i>	13,000	11
<i>Multiple-Vehicle Crashes</i>	14,000	12
Occupants of Other Vehicles in Crashes Involving Large Trucks	85,000	73
Nonoccupants (Pedestrians, Pedalcyclists, etc.)	4,000	3
Total	116,000	100

Exhibit 25 - Principal Impact Points in Two-Vehicle Fatal Crashes Involving Large Trucks, 2004

Impact Point on Large Truck	Impact Point on Other Vehicle				
	Front	Left Side	Right Side	Rear	Total
Front	28%	17%	14%	6%	65%
Left Side	8%	1%	1%	0%	10%
Right Side	5%	0%	0%	0%	6%
Rear	18%	1%	0%	0%	19%
Total	59%	20%	15%	6%	100%

Exhibit 26 - **Speeding Drivers in Fatal Crashes by Age and Sex, 2004**

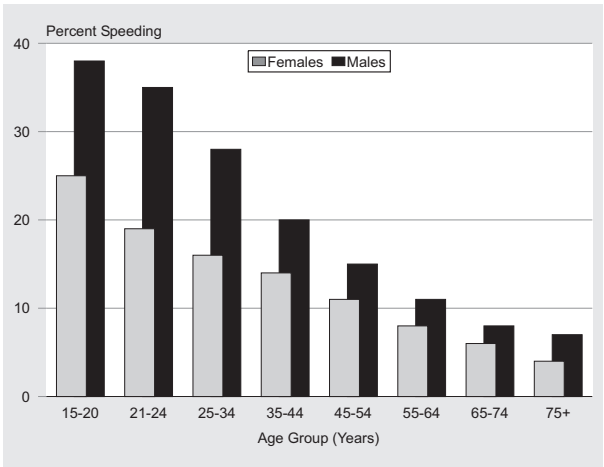


Exhibit 27 - Lives Saved by Restraint Use and 21-Year-Old Minimum Legal Drinking Age Laws and Potential Lives Saved at 100 Percent Safety Belt and Motorcycle Helmet Use, 1975-2004

Year	Lives Saved					Additional Lives That Would Have Been Saved at 100% Use	
	Passenger Vehicle Restraints			Motorcycle Helmets	21-Year-Old Drinking Age*	Safety Belts	Motorcycle 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	451	15,434	2,647	1,316	923	5,839	671
Total	7,472	195,382	16,905	23,649	23,733	339,475	24,316

*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.

FARS/GES 2004 Data Summary

DOT HS 809 920

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