LARGE TRUCK CRASH FACTS 2002

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Introduction

This annual edition of *Large Truck Crash Facts* contains descriptive statistics about fatal, injury, and property damage only crashes involving large trucks in 2002. Selected crash statistics on passenger vehicles are also presented for comparison purposes.

Data Sources

The information in this report was compiled by the Analysis Division of the Federal Motor Carrier Safety Administration (FMCSA). The major sources for the data are described below:

- **Fatality Analysis Reporting System (FARS).** FARS, maintained by the National Highway Traffic Safety Administration (NHTSA), is a census of fatal crashes involving motor vehicles traveling on public trafficways. FARS is recognized as the most reliable national crash database, but it contains information only on fatal crashes. A large truck is defined in FARS as a truck with a gross vehicle weight rating (GVWR) of more than 10,000 pounds.

- **General Estimates System (GES).** GES, also maintained by NHTSA, is a probability-based nationally representative sample of all police-reported fatal, injury, and property damage only crashes. The data from GES yield national estimates, calculated using a weighting procedure, but cannot give State-level estimates. Also, GES is a sample of motor vehicle crashes, and the results generated are estimates. For this reason, all GES data shown in this report are rounded to the nearest thousand. The GES definition of a large truck is the same as the FARS definition.

- **Motor Carrier Management Information System (MCMIS) Crash File.** The MCMIS Crash File, maintained by FMCSA, contains a limited amount of data on trucks and buses involved in crashes. A reportable crash must involve a truck (a vehicle designed, used, or maintained primarily for carrying property, with a gross vehicle weight rating or gross combination weight rating of more than 10,000 pounds) or a bus (a vehicle with seats for at least 9 people, including the driver). The crash must result in at least one fatality, at least one injury for which the injured person was taken to a medical facility for immediate medical attention, or at least one vehicle that was towed from the scene as a result of disabling crash damage. The crashes are reported by the States to FMCSA through the SAFETYNET computer software.

  The MCMIS Crash File is intended to be a census of trucks and buses involved in fatal, injury and towaway crashes; some States do not report all NGA-eligible crashes. For 2002, States reported 109,911 trucks involved in crashes through SAFETYNET to the MCMIS Crash File. Based on the 2002 GES data, an estimated 145,000 trucks were involved in crashes that should have been reported. Thus, FMCSA received reports on about 76 percent of the trucks involved in NGA-reportable crashes.

FARS, GES, and MCMIS describe the events and details of motor vehicle crashes, but they do not include data on crash causation or fault.

Highway Statistics

Highway Statistics is an annual publication of the Office of Highway Policy Information of the Federal Highway Administration (FHWA). State agencies report the data, ranging from driver licensing to highway finance, and FHWA aggregates them to get national totals. This report takes vehicle miles traveled and vehicle registrations from Table VM-1 of *Highway Statistics*, "Annual Vehicle Distance Traveled in Miles and Related Data."

Organization of the Report

This report is organized into four chapters: Trends, Crashes, Vehicles, and People. The Trends chapter shows data for 2002 in the context of available historical data for past years. In the other chapters, the 2002 data are shown in different ways, according to what is being counted. The Crashes chapter counts numbers of crashes; the Vehicles chapter counts vehicles in crashes; and the People chapter counts persons of all types involved in crashes. Four different types of counts are shown:

- **Crashes:** Numbers of crashes involving various vehicle types.
- **Vehicles in Crashes:** Numbers of vehicles involved in crashes. These counts may be larger than the number of crashes (fatal, injury, or property damage only), because more than one vehicle may be involved in a single crash.
- **People in Crashes:** Numbers of people killed or injured in crashes. These counts generally are larger than the number of crashes (fatal or injury), because more than one person may be killed or injured in a single crash. People killed or injured may be occupants of a truck, occupants of another vehicle, or nonmotorists (pedestrians or pedalcyclists).
- **Drivers in Crashes:** Numbers of vehicle drivers involved in crashes. These counts generally are equal to the numbers of vehicles involved in crashes.

Trends

The tables in this chapter present large truck crash statistics over time. Fatal crash statistics generally are available from 1975, the first year of FARS data, through 2002. In some cases, such as for roadway function class or alcohol involvement, data are available only from 1981 or 1982 through 2002. Nonfatal crash statistics are available from 1988, the first year of GES data, through 2002. The statistics shown in this chapter represent crashes, vehicles, drivers, fatalities, and injuries in crashes. Below is a summary of some of the trend information in this section:

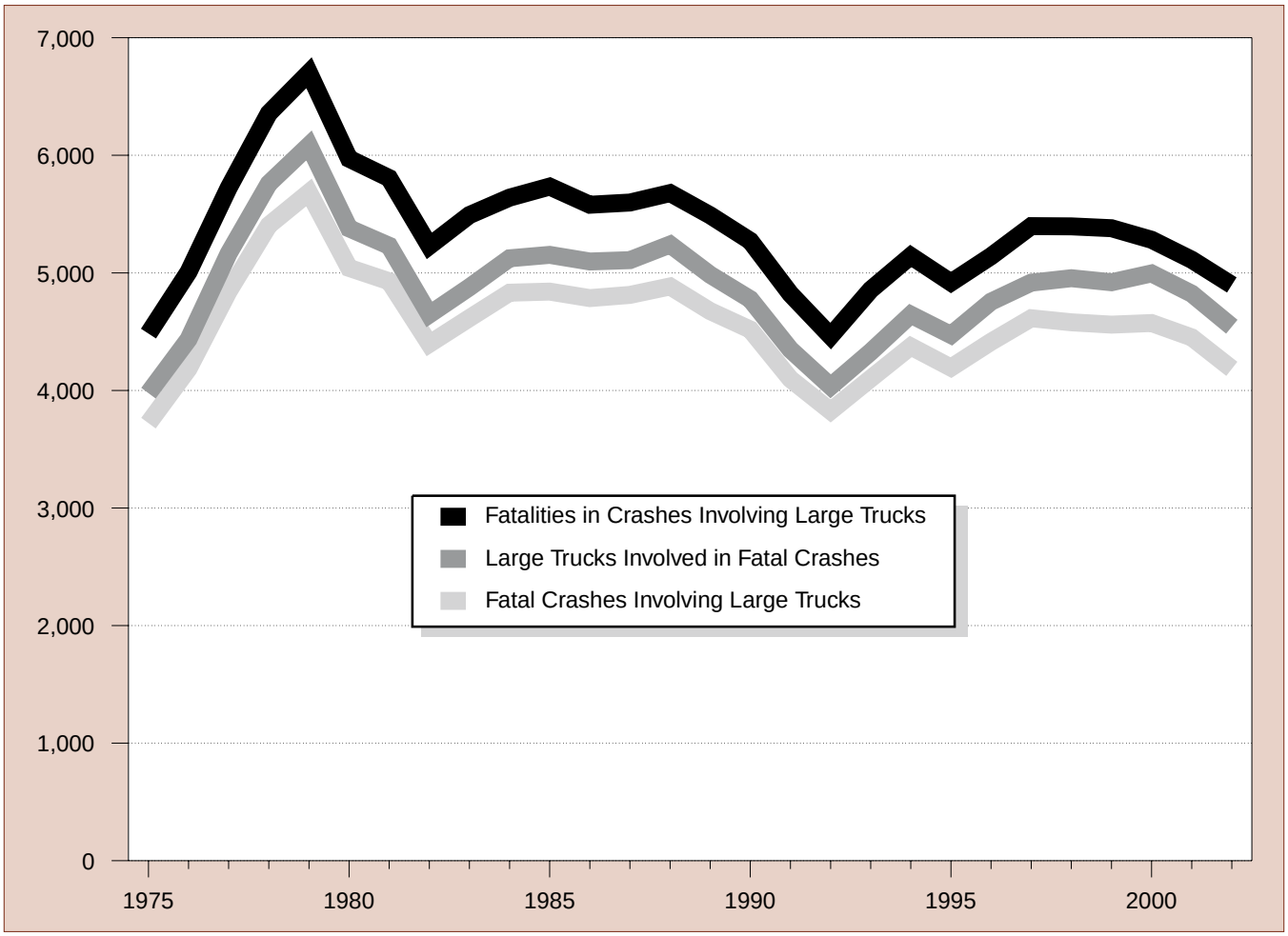
- Over the past 20 years (from 1982 to 2002) there has been a 42-percent increase in registered large trucks and a 93-percent increase in miles traveled by large trucks.
- Over the same time period, the number of large trucks involved in fatal crashes each year has declined by 2 percent, and the vehicle involvement rate for large trucks in fatal crashes has declined by 49 percent.
- Over the past 10 years (from 1992 to 2002) there has been a 31-percent increase in registered large trucks and a 40-percent increase in miles traveled by large trucks.
- The number of large trucks involved in injury crashes each year has decreased by 1 percent over the past 10 years, and the vehicle involvement rate for large trucks in injury crashes has declined by 29 percent.
- The number of large trucks involved in property damage only crashes has increased by 21 percent over the past 10 years, but the vehicle involvement rate for large trucks in property damage only crashes has declined by 13 percent.
- Alcohol involvement (blood alcohol concentration of 0.01 gram per deciliter [g/dl] or more) for large truck drivers in fatal crashes has declined by 73 percent since 1982, the first year of FARS data for alcohol involvement in fatal crashes.

Table 1. Large Truck Fatal Crash Statistics, 1975-2002

Year	Fatal Crashes	Vehicles Involved	Occupant Fatalities	Total Fatalities	Million Vehicle Miles Traveled	Fatal Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in Fatal Crashes per 100 Million Vehicle Miles Traveled	Fatalities per 100 Million Vehicle Miles Traveled	Large Trucks Registered
1975	3,722	3,977	961	4,483	81,330	4.58	4.89	5.51	5,362,369
1976	4,184	4,435	1,132	5,008	86,070	4.86	5.15	5.82	5,575,185
1977	4,843	5,164	1,287	5,723	95,021	5.10	5.43	6.02	5,689,903
1978	5,405	5,759	1,395	6,356	105,739	5.11	5.45	6.01	5,859,807
1979	5,684	6,084	1,432	6,702	109,004	5.21	5.58	6.15	5,891,571
1980	5,042	5,379	1,262	5,971	108,491	4.65	4.96	5.50	5,790,653
1981	4,928	5,230	1,133	5,806	108,702	4.53	4.81	5.34	5,716,278
1982	4,396	4,646	944	5,229	111,423	3.95	4.17	4.69	5,590,415
1983	4,615	4,877	982	5,491	116,132	3.97	4.20	4.73	5,508,392
1984	4,831	5,124	1,074	5,640	121,796	3.97	4.21	4.63	5,401,075
1985	4,841	5,153	977	5,734	123,504	3.92	4.17	4.64	5,996,337
1986	4,785	5,097	926	5,579	126,675	3.78	4.02	4.40	5,720,880
1987	4,813	5,108	852	5,598	133,517	3.60	3.83	4.19	5,718,266
1988	4,885	5,241	911	5,679	137,985	3.54	3.80	4.12	6,136,884
1989	4,674	4,984	858	5,490	142,749	3.27	3.49	3.85	6,226,482
1990	4,518	4,776	705	5,272	146,242	3.09	3.27	3.60	6,195,876
1991	4,097	4,347	661	4,821	149,543	2.74	2.91	3.22	6,172,146
1992	3,825	4,035	585	4,462	153,384	2.49	2.63	2.91	6,045,205
1993	4,101	4,328	605	4,856	159,888	2.56	2.71	3.04	6,088,155
1994	4,373	4,644	670	5,144	170,216	2.57	2.73	3.02	6,587,885
1995	4,194	4,472	648	4,918	178,156	2.35	2.51	2.76	6,719,421
1996	4,413	4,755	621	5,142	182,971	2.41	2.60	2.81	7,012,615
1997	4,614	4,917	723	5,398	191,477	2.41	2.57	2.82	7,083,326
1998	4,579	4,955	742	5,395	196,380	2.33	2.52	2.75	7,732,270
1999	4,560	4,920	759	5,380	202,688	2.25	2.43	2.65	7,791,426
2000	4,573	4,995	754	5,282	205,520	2.23	2.43	2.57	8,022,649
2001	4,451	4,823	708	5,111	209,032	2.13	2.31	2.45	7,857,675
2002	4,183	4,542	684	4,897	214,530	1.95	2.12	2.28	7,927,280

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Vehicle Miles of Travel and Registered Vehicles: Federal Highway Administration. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Figure 1. Fatal Crashes, Vehicles in Fatal Crashes, and Fatalities in Large Truck Crashes, 1975-2002



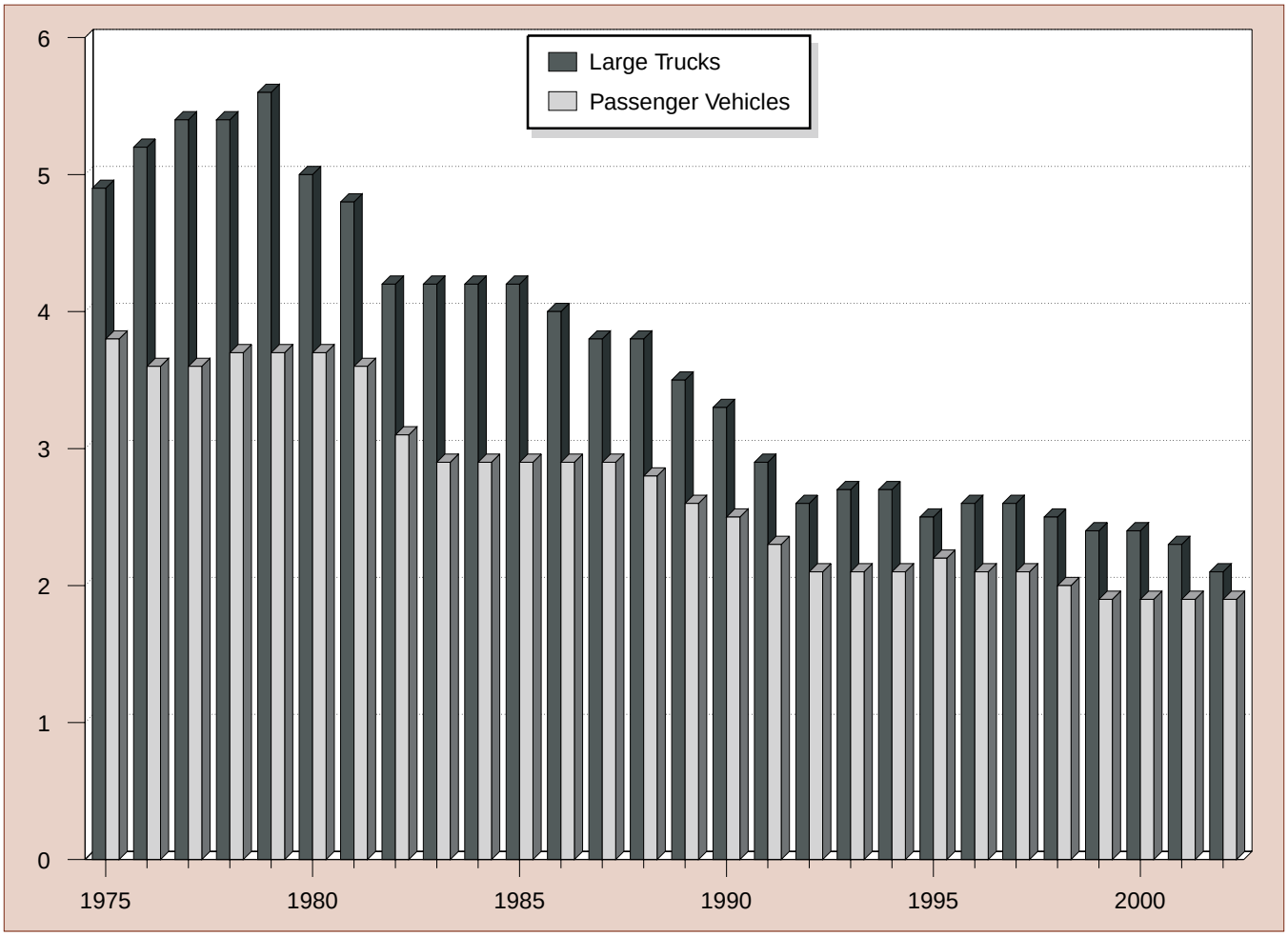
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 2. Passenger Vehicle Fatal Crash Statistics, 1975-2002

Year	Fatal Crashes	Vehicles Involved	Occupant Fatalities	Total Fatalities	Million Vehicle Miles Traveled	Fatal Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in Fatal Crashes per 100 Million Vehicle Miles Traveled	Fatalities per 100 Million Vehicle Miles Traveled	Passenger Vehicles Registered
1975	35,057	46,533	30,785	40,187	1,234,650	2.84	3.77	3.25	115,364,709
1976	35,242	46,506	31,604	40,724	1,304,049	2.70	3.57	3.12	119,806,386
1977	37,197	49,438	32,758	42,599	1,359,834	2.74	3.64	3.13	123,400,366
1978	39,226	52,442	34,898	44,870	1,425,922	2.75	3.68	3.15	129,141,048
1979	39,637	52,543	34,986	45,207	1,405,545	2.82	3.74	3.22	132,476,608
1980	39,623	51,739	34,935	45,139	1,402,531	2.83	3.69	3.22	134,831,752
1981	38,544	51,195	33,726	43,586	1,429,675	2.70	3.58	3.05	137,239,007
1982	34,619	45,651	29,689	39,262	1,467,854	2.36	3.11	2.67	139,244,282
1983	33,481	44,416	29,181	37,866	1,522,697	2.20	2.92	2.49	142,153,582
1984	34,979	46,621	30,116	39,382	1,585,049	2.21	2.94	2.48	147,435,149
1985	34,567	46,741	29,901	38,976	1,637,759	2.11	2.85	2.38	154,013,265
1986	36,612	49,522	32,261	41,373	1,694,082	2.16	2.92	2.44	157,031,560
1987	37,342	51,094	33,190	42,119	1,772,852	2.11	2.88	2.38	161,543,801
1988	38,252	52,263	34,114	43,069	1,872,478	2.04	2.79	2.30	166,118,639
1989	37,102	51,110	33,614	41,782	1,937,696	1.91	2.64	2.16	169,892,626
1990	36,281	49,705	32,693	40,879	1,982,837	1.83	2.51	2.06	173,193,097
1991	33,701	46,123	30,776	38,134	2,007,579	1.68	2.30	1.90	175,389,400
1992	32,109	44,465	29,485	36,323	2,078,432	1.54	2.14	1.75	174,182,793
1993	32,969	45,565	30,077	37,222	2,120,459	1.55	2.15	1.76	177,629,233
1994	33,390	46,626	30,901	37,742	2,170,723	1.54	2.15	1.74	181,482,575
1995	34,555	48,527	31,991	39,014	2,228,323	1.55	2.18	1.75	185,762,753
1996	34,792	48,973	32,438	39,265	2,286,394	1.52	2.14	1.72	190,051,664
1997	34,595	48,687	32,448	39,187	2,353,295	1.47	2.07	1.67	191,960,390
1998	34,274	48,403	31,899	38,539	2,417,852	1.42	2.00	1.59	195,749,209
1999	34,163	47,896	32,127	38,571	2,470,122	1.38	1.94	1.56	200,012,521
2000	34,379	48,300	32,225	38,695	2,523,346	1.36	1.91	1.53	203,913,482
2001	34,496	48,417	32,043	38,725	2,571,539	1.34	1.88	1.51	207,719,870
2002	34,803	48,579	32,598	39,174	2,624,824	1.33	1.85	1.49	211,992,662

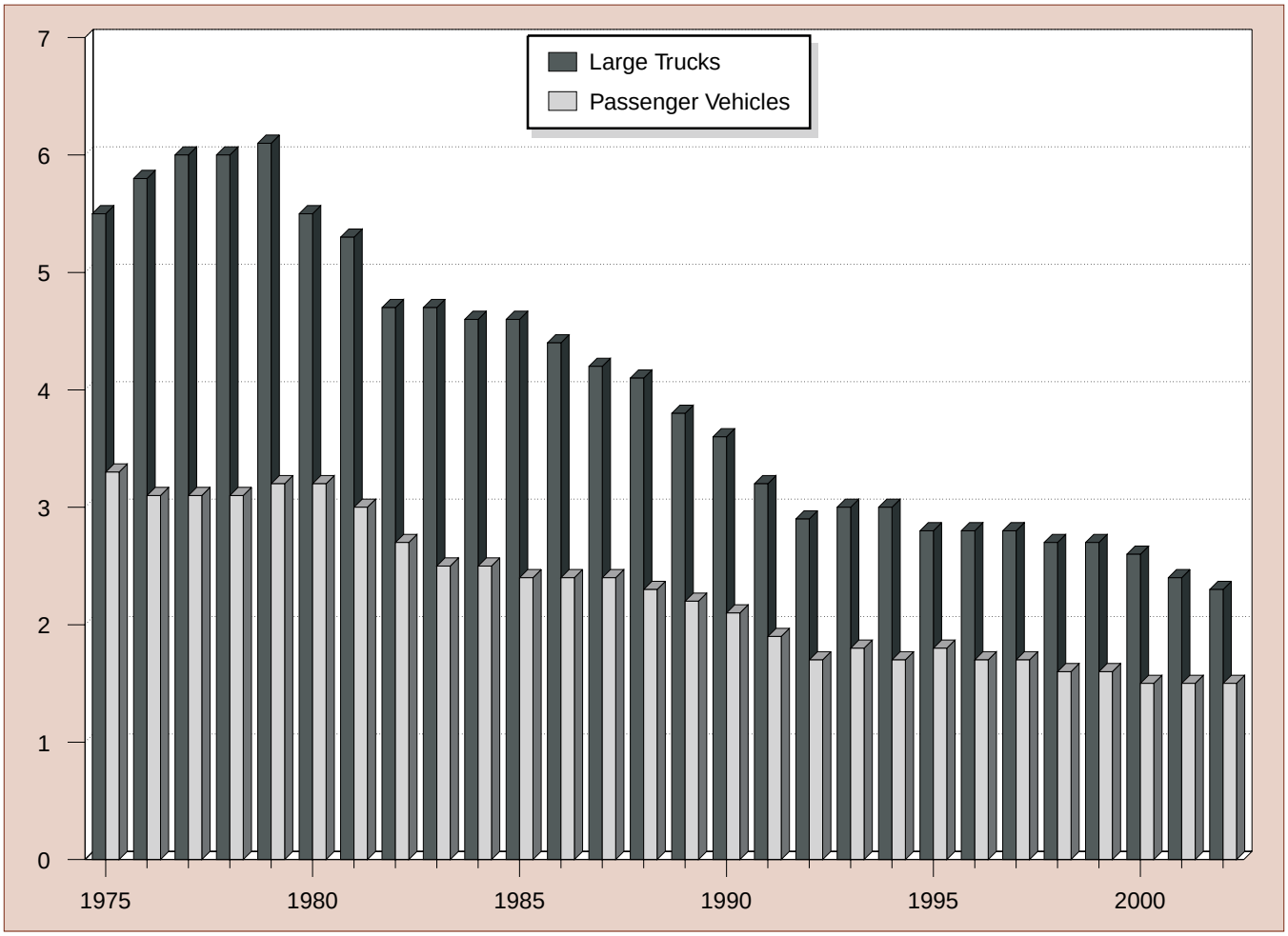
Note: A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Sources: Vehicle Miles of Travel: Federal Highway Administration. Registered Vehicles: R.L. Polk & Co. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Figure 2. Large Trucks and Passenger Vehicles Involved in Fatal Crashes per 100 Million Vehicle Miles Traveled, 1975-2002



Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Sources: Vehicle Miles of Travel: Federal Highway Administration. Fatal Crashes and Vehicles Involved: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Figure 3. Fatalities in Crashes Involving Large Trucks and Passenger Vehicles per 100 Million Vehicle Miles Traveled, 1975-2002



Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Sources: Vehicle Miles of Travel: Federal Highway Administration. Fatal Crashes and Vehicles Involved: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 3. All Motor Vehicle Fatal Crash Statistics, 1975-2002

Year	Fatal Crashes	Vehicles Involved	Occupant Fatalities	Total Fatalities	Million Vehicle Miles Traveled	Fatal Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in Fatal Crashes per 100 Million Vehicle Miles Traveled	Fatalities per 100 Million Vehicle Miles Traveled	Motor Vehicles Registered
1975	39,161	55,534	35,925	44,525	1,327,664	2.95	4.18	3.35	126,153,304
1976	39,747	56,084	37,102	45,523	1,402,380	2.83	4.00	3.25	130,793,242
1977	42,211	60,516	39,150	47,878	1,467,027	2.88	4.13	3.26	134,514,286
1978	44,433	64,144	41,533	50,331	1,544,704	2.88	4.15	3.26	140,374,064
1979	45,223	64,762	41,930	51,093	1,529,133	2.96	4.24	3.34	144,317,076
1980	45,284	63,485	41,927	51,091	1,527,295	2.96	4.16	3.35	146,845,134
1981	44,000	62,699	40,424	49,301	1,555,308	2.83	4.03	3.17	149,330,311
1982	39,092	56,455	35,646	43,945	1,595,010	2.45	3.54	2.76	151,147,755
1983	37,976	55,106	34,843	42,589	1,652,788	2.30	3.33	2.58	153,829,970
1984	39,631	57,972	36,284	44,257	1,720,269	2.30	3.37	2.57	158,899,717
1985	39,196	58,271	36,043	43,825	1,774,826	2.21	3.28	2.47	166,047,491
1986	41,090	60,792	38,234	46,087	1,834,872	2.24	3.31	2.51	168,545,286
1987	41,438	61,836	38,565	46,390	1,921,204	2.16	3.22	2.41	172,749,894
1988	42,130	62,703	39,170	47,087	2,025,962	2.08	3.09	2.32	177,455,476
1989	40,741	60,870	38,087	45,582	2,096,487	1.94	2.90	2.17	181,164,568
1990	39,836	59,292	37,134	44,599	2,144,362	1.86	2.77	2.08	184,275,422
1991	36,937	54,765	34,740	41,508	2,172,050	1.70	2.52	1.91	186,370,190
1992	34,942	52,227	32,880	39,250	2,247,151	1.55	2.32	1.75	184,937,848
1993	35,780	53,777	33,574	40,150	2,296,378	1.56	2.34	1.75	188,349,676
1994	36,254	54,911	34,318	40,716	2,357,588	1.54	2.33	1.73	192,497,438
1995	37,241	56,524	35,291	41,817	2,422,696	1.54	2.33	1.73	197,064,868
1996	37,494	57,347	35,696	42,065	2,485,848	1.51	2.31	1.69	201,630,659
1997	37,324	57,060	35,725	42,013	2,561,695	1.46	2.23	1.64	203,567,637
1998	37,107	56,922	35,382	41,501	2,631,522	1.41	2.16	1.58	208,076,469
1999	37,140	56,820	35,875	41,717	2,691,056	1.38	2.11	1.55	212,685,157
2000	37,526	57,594	36,348	41,945	2,746,925	1.37	2.10	1.53	217,028,324
2001	37,862	57,918	36,440	42,196	2,797,287	1.35	2.07	1.51	221,230,149
2002	38,309	58,113	37,232	42,815	2,855,756	1.34	2.03	1.50	225,684,815

Sources: Vehicle Miles of Travel: Federal Highway Administration. Registered Vehicles: Federal Highway Administration and R.L. Polk & Co. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 4. Large Truck Injury Crash Statistics, 1988-2002

Year	Injury Crashes	Vehicles Involved	Persons Injured	Million Vehicle Miles Traveled	Injury Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in Injury Crashes per 100 Million Vehicle Miles Traveled	Persons Injured per 100 Million Vehicle Miles Traveled	Large Trucks Registered
1988	94,000	96,000	130,000	137,985	67.9	69.5	94.4	6,136,884
1989	106,000	110,000	156,000	142,749	74.6	77.2	109.0	6,226,481
1990	102,000	107,000	150,000	146,242	69.7	73.3	102.6	6,195,876
1991	75,000	78,000	110,000	149,543	50.2	52.2	73.9	6,172,146
1992	91,000	95,000	139,000	153,384	59.2	61.8	90.4	6,045,205
1993	93,000	97,000	133,000	159,888	57.9	60.4	83.2	6,088,155
1994	91,000	96,000	133,000	170,216	53.3	56.2	78.1	6,587,884
1995	80,000	84,000	117,000	178,156	44.7	46.9	65.7	6,719,420
1996	89,000	94,000	129,000	182,971	48.6	51.3	70.7	7,012,615
1997	92,000	96,000	131,000	191,477	48.0	49.9	68.3	7,083,326
1998	85,000	89,000	127,000	196,380	43.3	45.1	64.8	7,732,270
1999	95,000	101,000	142,000	202,688	46.9	49.6	69.9	7,791,426
2000	96,000	101,000	140,000	205,520	46.9	48.9	68.0	8,022,649
2001	86,000	90,000	131,000	209,032	41.0	43.0	62.5	7,857,675
2002	90,000	94,000	130,000	214,530	41.9	43.9	60.5	7,927,280

Notes: “Persons Injured” includes all nonfatally injured persons in injury and fatal crashes. A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Vehicle Miles of Travel and Registered Vehicles: Federal Highway Administration. Injury Crashes, Vehicles Involved, and Injuries: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 5. Large Truck Property Damage Only (PDO) Crash Statistics, 1988-2002

Year	PDO Crashes	Vehicles Involved	Million Vehicle Miles Traveled	PDO Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in PDO Crashes per 100 Million Vehicle Miles Traveled	Large Trucks Registered
1988	291,000	297,000	137,985	210.7	215.2	6,136,884
1989	291,000	300,000	142,749	203.8	210.5	6,226,481
1990	265,000	273,000	146,242	181.4	186.9	6,195,876
1991	240,000	248,000	149,543	160.2	166.0	6,172,146
1992	268,000	277,000	153,384	174.8	180.8	6,045,205
1993	287,000	296,000	159,888	179.2	185.1	6,088,155
1994	350,000	360,000	170,216	205.4	211.6	6,587,884
1995	279,000	289,000	178,156	156.7	162.4	6,719,420
1996	285,000	295,000	182,971	155.8	161.3	7,012,615
1997	325,000	337,000	191,477	169.6	176.1	7,083,326
1998	302,000	318,000	196,380	153.8	162.0	7,732,270
1999	353,000	369,000	202,688	174.1	182.2	7,791,426
2000	337,000	351,000	205,520	163.9	170.9	8,022,649
2001	319,000	335,000	209,032	152.8	160.2	7,857,675
2002	322,000	336,000	214,530	150.3	156.4	7,927,280

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Vehicle Miles of Travel and Registered Vehicles: Federal Highway Administration. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 6. Passenger Vehicle Injury Crash Statistics, 1988-2002

Year	Injury Crashes	Vehicles Involved	Persons Injured	Million Vehicle Miles Traveled	Injury Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in Injury Crashes per 100 Million Vehicle Miles Traveled	Persons Injured per 100 Million Vehicle Miles Traveled	Passenger Vehicles Registered
1988	2,166,000	3,756,000	3,335,000	1,872,478	115.7	200.6	178.1	166,118,639
1989	2,093,000	3,619,000	3,211,000	1,937,696	108.0	186.7	165.7	169,892,626
1990	2,062,000	3,567,000	3,144,000	1,982,837	104.0	179.9	158.5	173,193,097
1991	1,953,000	3,404,000	3,027,000	2,007,579	97.3	169.5	150.8	175,389,400
1992	1,938,000	3,399,000	3,006,000	2,078,432	93.2	163.5	144.6	174,182,793
1993	1,970,000	3,474,000	3,087,000	2,120,459	92.9	163.8	145.6	177,629,233
1994	2,080,000	3,697,000	3,214,000	2,170,723	95.8	170.3	148.1	181,482,575
1995	2,170,000	3,938,000	3,410,000	2,228,323	97.4	176.7	153.0	185,762,753
1996	2,192,000	3,954,000	3,413,000	2,286,394	95.9	173.0	149.3	190,051,664
1997	2,104,000	3,801,000	3,295,000	2,353,295	89.4	161.5	140.0	191,960,390
1998	1,987,000	3,604,000	3,141,000	2,417,852	82.2	149.1	129.9	195,749,209
1999	2,005,000	3,603,000	3,175,000	2,470,122	81.2	145.9	128.5	200,012,521
2000	2,017,000	3,605,000	3,123,000	2,523,346	79.9	142.9	123.8	203,913,482
2001	1,954,000	3,496,000	2,974,000	2,571,539	76.0	136.0	115.7	207,719,870
2002	1,877,000	3,346,000	2,863,000	2,624,824	71.5	127.5	109.1	211,992,662

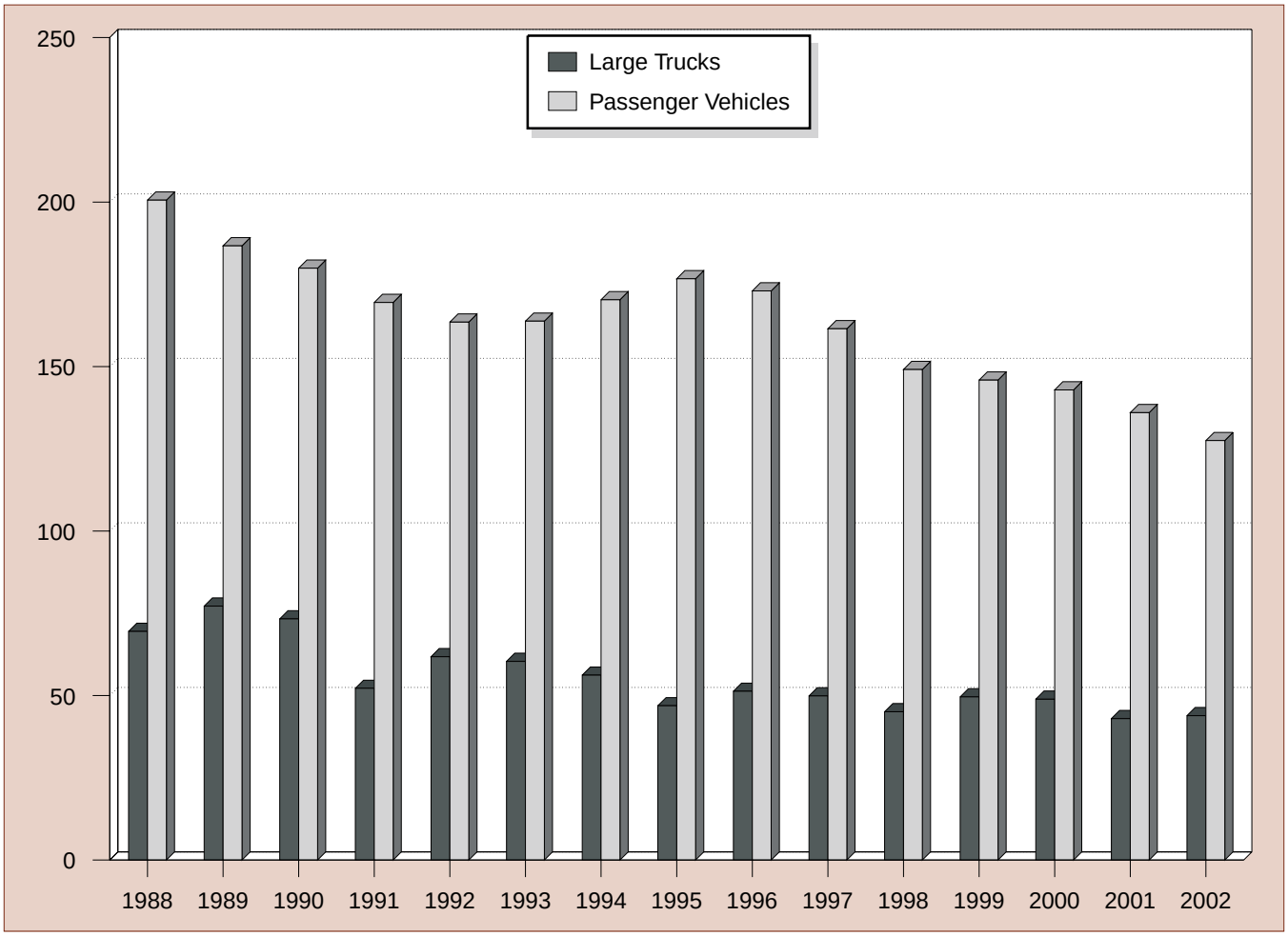
Notes: “Persons Injured” includes all nonfatally injured persons in injury and fatal crashes. A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Sources: Vehicle Miles of Travel: Federal Highway Administration. Registered Vehicles: R.L. Polk & Co. Injury Crashes, Vehicles Involved, and Injuries: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 7. Passenger Vehicle Property Damage Only (PDO) Crash Statistics, 1988-2002

Year	PDO Crashes	Vehicles Involved	Million Vehicle Miles Traveled	PDO Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in PDO Crashes per 100 Million Vehicle Miles Traveled	Passenger Vehicles Registered
1988	4,506,000	7,592,000	1,872,478	240.6	405.5	166,118,639
1989	4,355,000	7,291,000	1,937,696	224.8	376.2	169,892,626
1990	4,207,000	7,140,000	1,982,837	212.2	360.1	173,193,097
1991	3,985,000	6,759,000	2,007,579	198.5	336.7	175,389,400
1992	3,872,000	6,556,000	2,078,432	186.3	315.4	174,182,793
1993	3,937,000	6,673,000	2,120,459	185.7	314.7	177,629,233
1994	4,205,000	7,149,000	2,170,723	193.7	329.3	181,482,575
1995	4,347,000	7,484,000	2,228,323	195.1	335.8	185,762,753
1996	4,403,000	7,555,000	2,286,394	192.6	330.4	190,051,664
1997	4,331,000	7,430,000	2,353,295	184.0	315.7	191,960,390
1998	4,168,000	7,211,000	2,417,852	172.4	298.2	195,749,209
1999	4,058,000	6,961,000	2,470,122	164.3	281.8	200,012,521
2000	4,151,000	7,088,000	2,523,346	164.5	280.9	203,913,482
2001	4,168,000	7,079,000	2,571,539	162.1	275.3	207,719,870
2002	4,228,000	7,199,000	2,624,824	161.1	274.3	211,992,662

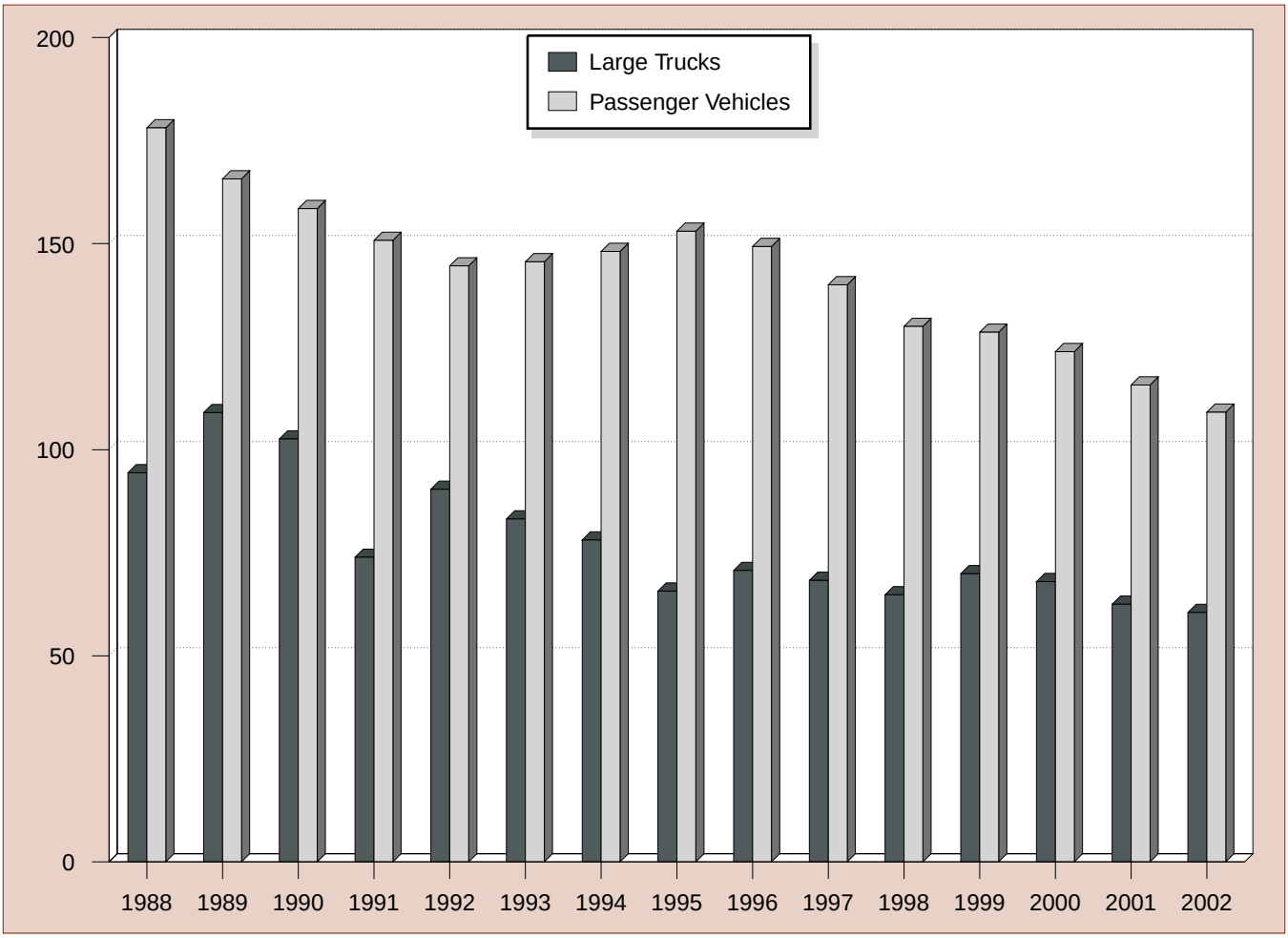
Note: A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Sources: Vehicle Miles of Travel: Federal Highway Administration. Registered Vehicles: R.L. Polk & Co. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Figure 4. Large Trucks and Passenger Vehicles Involved in Injury Crashes per 100 Million Vehicle Miles Traveled, 1988-2002



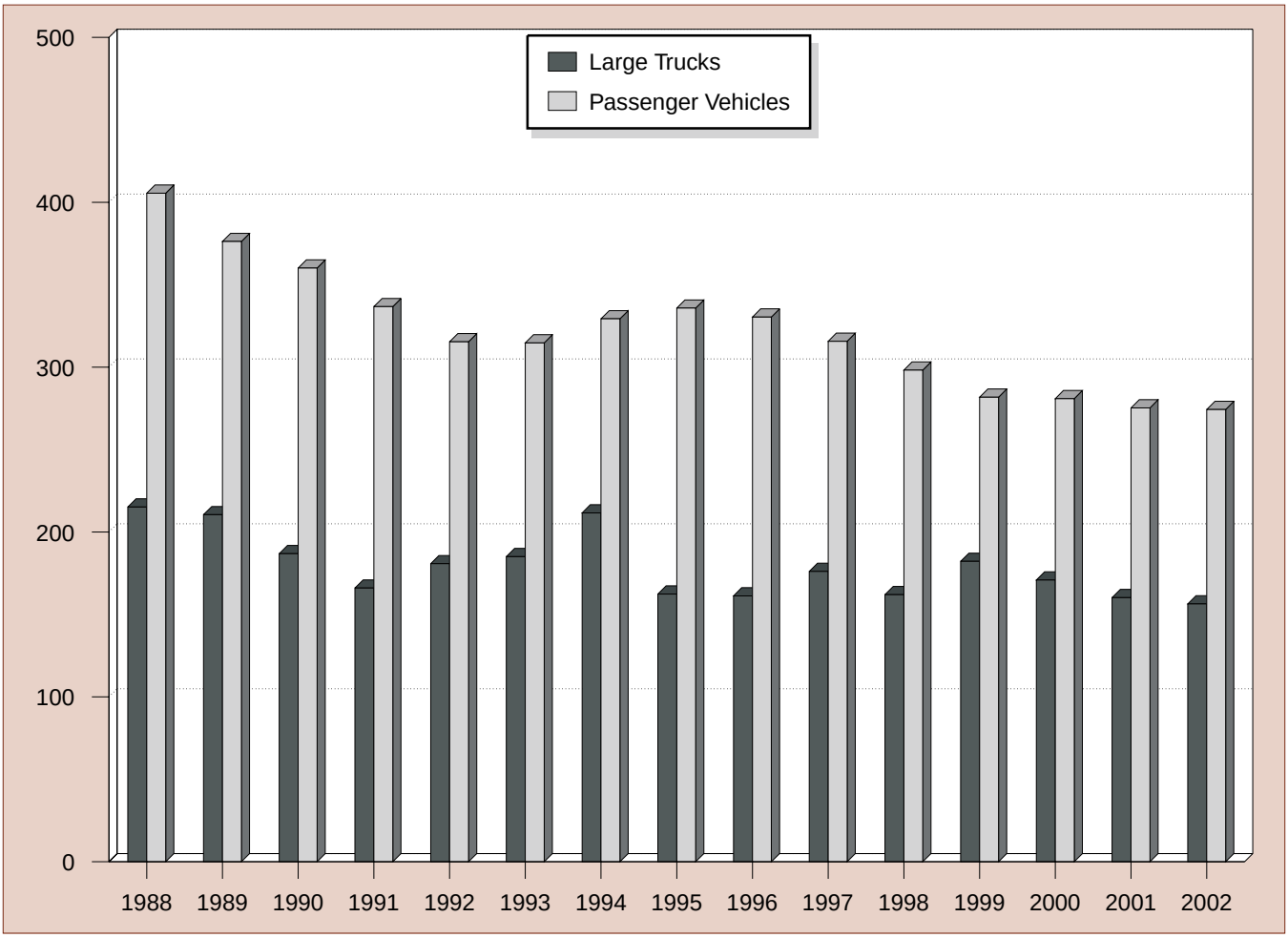
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Sources: Vehicle Miles of Travel: Federal Highway Administration. Injury Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Figure 5. Persons Injured in Large Truck and Passenger Vehicle Crashes per 100 Million Vehicle Miles Traveled, 1988-2002



Notes: "Persons Injured" includes all nonfatally injured persons in injury and fatal crashes. A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Sources: Vehicle Miles of Travel: Federal Highway Administration. Injury Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Figure 6. Large Trucks and Passenger Vehicles Involved in Property Damage Only Crashes per 100 Million Vehicle Miles Traveled, 1988-2002



Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Sources: Vehicle Miles of Travel: Federal Highway Administration. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 8. All Motor Vehicle Injury Crash Statistics, 1988-2002

Year	Injury Crashes	Vehicles Involved	Persons Injured	Million Vehicle Miles Traveled	Injury Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in Injury Crashes per 100 Million Vehicle Miles Traveled	Persons Injured per 100 Million Vehicle Miles Traveled	Motor Vehicles Registered
1988	2,233,000	3,973,000	3,416,000	2,025,962	110.2	196.1	168.6	177,455,476
1989	2,153,000	3,826,000	3,284,000	2,096,487	102.7	182.5	156.6	181,164,568
1990	2,122,000	3,775,000	3,231,000	2,144,362	99.0	176.0	150.7	184,275,422
1991	2,008,000	3,581,000	3,097,000	2,172,050	92.4	164.9	142.6	186,370,190
1992	1,991,000	3,587,000	3,070,000	2,247,151	88.6	159.6	136.6	184,937,848
1993	2,022,000	3,647,000	3,149,000	2,296,378	88.0	158.8	137.1	188,349,676
1994	2,123,000	3,865,000	3,266,000	2,357,588	90.1	163.9	138.5	192,497,438
1995	2,217,000	4,094,000	3,465,000	2,422,696	91.5	169.0	143.0	197,064,868
1996	2,238,000	4,120,000	3,468,000	2,485,848	90.0	165.7	139.5	201,630,659
1997	2,149,000	3,966,000	3,348,000	2,561,695	83.9	154.8	130.7	203,567,637
1998	2,029,000	3,757,000	3,192,000	2,631,522	77.1	142.8	121.3	208,076,469
1999	2,054,000	3,773,000	3,236,000	2,691,056	76.3	140.2	120.3	212,685,157
2000	2,070,000	3,783,000	3,189,000	2,746,925	75.4	137.7	116.1	217,028,324
2001	2,003,000	3,663,000	3,033,000	2,797,287	71.6	131.0	108.4	221,230,149
2002	1,929,000	3,520,000	2,926,000	2,855,756	67.5	123.2	102.5	225,684,815

Note: “Persons Injured” includes all nonfatally injured persons in injury and fatal crashes.
Sources: Vehicle Miles of Travel: Federal Highway Administration. Registered Vehicles: Federal Highway Administration and R.L. Polk & Co. Injury Crashes, Vehicles Involved, and Injuries: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 9. All Motor Vehicle Property Damage Only (PDO) Crash Statistics, 1988-2002

Year	PDO Crashes	Vehicles Involved	Million Vehicle Miles Traveled	PDO Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in PDO Crashes per 100 Million Vehicle Miles Traveled	Motor Vehicles Registered
1988	4,611,000	7,985,000	2,025,962	227.6	394.2	177,455,476
1989	4,459,000	7,678,000	2,096,487	212.7	366.2	181,164,568
1990	4,309,000	7,493,000	2,144,362	201.0	349.4	184,275,422
1991	4,073,000	7,086,000	2,172,050	187.5	326.2	186,370,190
1992	3,974,000	6,906,000	2,247,151	176.9	307.3	184,937,848
1993	4,048,000	7,040,000	2,296,378	176.3	306.6	188,349,676
1994	4,336,000	7,576,000	2,357,588	183.9	321.3	192,497,438
1995	4,446,000	7,844,000	2,422,696	183.5	323.8	197,064,868
1996	4,494,000	7,918,000	2,485,848	180.8	318.5	201,630,659
1997	4,438,000	7,830,000	2,561,695	173.2	305.6	203,567,637
1998	4,269,000	7,587,000	2,631,522	162.2	288.3	208,076,469
1999	4,188,000	7,402,000	2,691,056	155.6	275.1	212,685,157
2000	4,286,000	7,510,000	2,746,925	156.0	273.4	217,028,324
2001	4,282,000	7,480,000	2,797,287	153.1	267.4	221,230,149
2002	4,348,000	7,608,000	2,855,756	152.3	266.4	225,684,815

Sources: Vehicle Miles of Travel: Federal Highway Administration. Registered Vehicles: Federal Highway Administration and R.L. Polk & Co. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 10. Vehicle Occupants Killed in Large Truck Crashes by Vehicle Type, 1975-2002

Year	Passenger Car	Light Truck	Large Truck		Motorcycle	Bus	Other/ Unknown	Total
			Single-Vehicle Crashes	Multiple-Vehicle Crashes				
1975	2,353	522	643	318	156	8	67	**4,067**
1976	2,505	619	774	358	164	8	88	**4,516**
1977	2,903	756	884	403	180	8	73	**5,207**
1978	3,207	842	929	466	237	15	53	**5,749**
1979	3,320	976	967	465	248	10	61	**6,047**
1980	2,880	849	861	401	300	9	46	**5,346**
1981	2,927	889	785	348	259	11	40	**5,259**
1982	2,703	819	639	305	216	8	44	**4,734**
1983	2,859	805	676	306	204	26	47	**4,923**
1984	2,907	832	755	319	230	20	47	**5,110**
1985	3,020	881	634	343	243	25	58	**5,204**
1986	2,958	863	603	323	216	7	44	**5,014**
1987	2,961	957	571	281	223	15	38	**5,046**
1988	3,054	960	585	326	175	3	58	**5,161**
1989	2,913	1,024	550	308	133	28	44	**5,000**
1990	2,876	987	485	220	158	13	37	**4,776**
1991	2,535	986	448	213	133	9	42	**4,366**
1992	2,419	916	396	189	92	2	31	**4,045**
1993	2,615	1,077	389	216	116	5	42	**4,460**
1994	2,639	1,197	451	219	133	6	38	**4,683**
1995	2,546	1,153	425	223	108	9	30	**4,494**
1996	2,683	1,270	412	209	92	6	36	**4,708**
1997	2,674	1,426	499	224	85	10	28	**4,946**
1998	2,556	1,510	486	256	102	7	40	**4,957**
1999	2,524	1,493	480	279	118	12	33	**4,939**
2000	2,475	1,487	484	270	111	8	33	**4,868**
2000	2,269	1,539	474	234	113	13	28	**4,670**
2002	2,186	1,493	447	237	132	12	30	**4,537**

Notes: A passenger car is defined as a motor vehicle used primarily for carrying passengers, including convertibles, sedans, and station wagons. A light truck is defined as a truck with a gross vehicle weight rating (GVWR) of 10,000 pounds or less, including pickups, vans, truck-based station wagons, and sport utility vehicles. A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. A bus is defined as a large motor vehicle used to carry more than 10 passengers, including school buses, inter-city buses, and transit buses.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 11. Nonmotorists and Vehicle Occupants Killed in Large Truck Crashes, 1975-2002

Year	Nonmotorists				Vehicle Occupants	Total
	Pedestrian	Pedalcyclist	Other/Unknown	Total		
1975	333	66	17	**416**	4,067	**4,483**
1976	400	79	13	**492**	4,516	**5,008**
1977	424	69	23	**516**	5,207	**5,723**
1978	516	64	27	**607**	5,749	**6,356**
1979	524	90	41	**655**	6,047	**6,702**
1980	523	73	29	**625**	5,346	**5,971**
1981	462	64	21	**547**	5,259	**5,806**
1982	418	61	16	**495**	4,734	**5,229**
1983	463	83	22	**568**	4,923	**5,491**
1984	425	80	25	**530**	5,110	**5,640**
1985	447	64	19	**530**	5,204	**5,734**
1986	452	78	35	**565**	5,014	**5,579**
1987	427	90	35	**552**	5,046	**5,598**
1988	430	59	29	**518**	5,161	**5,679**
1989	399	71	20	**490**	5,000	**5,490**
1990	414	58	24	**496**	4,776	**5,272**
1991	363	75	17	**455**	4,366	**4,821**
1992	341	60	16	**417**	4,045	**4,462**
1993	303	57	36	**396**	4,460	**4,856**
1994	351	86	24	**461**	4,683	**5,144**
1995	329	74	21	**424**	4,494	**4,918**
1996	331	59	44	**434**	4,708	**5,142**
1997	352	75	25	**452**	4,946	**5,398**
1998	353	58	27	**438**	4,957	**5,395**
1999	344	66	31	**441**	4,939	**5,380**
2000	328	63	23	**414**	4,868	**5,282**
2001	352	69	20	**441**	4,670	**5,111**
2002	275	66	19	**360**	4,537	**4,897**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 12. Drivers in Fatal Crashes by Vehicle Type and Blood Alcohol Concentration, 1982-2002

Year	Large Truck			Passenger Car		
	Total Drivers	BAC=0.01+	BAC=0.08+	Total Drivers	BAC=0.01+	BAC=0.08+
1982	4,582	10.2%	6.2%	34,121	41.9%	36.2%
1983	4,790	9.5%	6.7%	33,069	40.3%	35.2%
1984	5,056	9.3%	6.7%	34,395	38.7%	32.9%
1985	5,091	6.8%	5.0%	34,071	35.8%	30.1%
1986	5,015	7.0%	4.8%	35,959	36.4%	30.2%
1987	5,046	4.9%	3.5%	36,371	34.8%	29.2%
1988	5,141	5.5%	3.7%	36,769	33.8%	28.4%
1989	4,903	4.4%	2.8%	35,204	32.2%	27.3%
1990	4,709	4.7%	2.8%	33,893	34.2%	28.9%
1991	4,291	4.4%	2.6%	31,102	31.5%	26.8%
1992	3,980	3.3%	1.9%	29,670	30.4%	25.5%
1993	4,271	3.9%	2.3%	30,060	28.5%	23.8%
1994	4,592	3.2%	2.1%	30,103	28.1%	23.8%
1995	4,410	3.6%	2.3%	30,773	26.9%	22.6%
1996	4,688	3.1%	2.1%	30,451	27.2%	22.7%
1997	4,859	2.7%	1.7%	29,896	25.6%	21.6%
1998	4,905	2.5%	1.5%	28,907	25.6%	21.3%
1999	4,868	2.5%	1.5%	27,878	25.2%	21.3%
2000	4,948	2.8%	1.5%	27,661	28.1%	23.6%
2001	4,779	2.5%	1.2%	27,444	27.0%	22.7%
2002	4,508	2.6%	1.8%	26,966	26.6%	22.3%
Year	Light Truck			Motorcycle		
	Total Drivers	BAC=0.01+	BAC=0.08+	Total Drivers	BAC=0.01+	BAC=0.08+
1982	11,199	44.4%	39.2%	4,490	55.4%	46.7%
1983	11,017	43.4%	39.0%	4,288	57.3%	47.8%
1984	11,866	40.6%	35.1%	4,650	54.7%	46.1%
1985	12,372	36.6%	31.9%	4,598	53.3%	43.2%
1986	13,208	38.4%	32.9%	4,558	55.5%	45.9%
1987	14,407	37.0%	31.5%	4,061	51.4%	42.7%
1988	15,167	36.6%	31.5%	3,704	50.6%	41.7%
1989	15,579	34.7%	30.4%	3,182	52.9%	44.6%
1990	15,501	35.9%	31.1%	3,269	52.4%	43.2%
1991	14,702	35.2%	30.5%	2,816	52.1%	43.5%
1992	14,540	48.7%	40.0%	2,435	32.7%	28.4%
1993	15,207	30.8%	26.8%	2,471	45.3%	37.7%
1994	16,235	29.3%	25.2%	2,330	40.9%	33.0%
1995	17,483	28.7%	24.6%	2,262	41.6%	33.0%
1996	18,057	27.7%	24.0%	2,172	43.5%	35.3%
1997	18,502	26.3%	22.6%	2,159	40.8%	32.4%
1998	19,247	26.2%	22.2%	2,333	41.1%	34.4%
1999	19,865	26.4%	22.3%	2,528	40.1%	32.8%
2000	20,393	26.0%	22.2%	2,971	40.0%	31.8%
2001	20,704	26.7%	22.7%	3,261	36.9%	29.2%
2002	21,373	26.8%	23.1%	3,337	38.9%	31.0%

Notes: Blood alcohol concentration (BAC) of 0.01 grams per deciliter (g/dl) or above (BAC=0.01+) indicates driver alcohol involvement. BAC of 0.08 g/dl or greater (BAC=0.08+) indicates driver intoxication. A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. A passenger car is defined as a motor vehicle used primarily for carrying passengers, including convertibles, sedans, and station wagons. A light truck is defined as a truck with a gross vehicle weight rating (GVWR) of 10,000 pounds or less, including pickups, vans, truck-based station wagons, and sport utility vehicles.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 13. Combination Truck Fatal Crash Statistics, 1975-2002

Year	Fatal Crashes	Vehicles Involved	Occupant Fatalities	Total Fatalities	Million Vehicle Miles Traveled	Fatal Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in Fatal Crashes per 100 Million Vehicle Miles Traveled	Fatalities per 100 Million Vehicle Miles Traveled	Combination Trucks Registered
1975	2,825	3,006	696	3,452	46,724	6.05	6.43	7.39	1,130,747
1976	3,260	3,439	838	3,948	49,680	6.56	6.92	7.95	1,224,917
1977	3,613	3,830	932	4,305	55,682	6.49	6.88	7.73	1,239,613
1978	4,066	4,305	1,001	4,825	62,992	6.45	6.83	7.66	1,341,707
1979	4,307	4,574	1,041	5,148	66,992	6.43	6.83	7.68	1,386,374
1980	3,731	3,957	904	4,473	68,678	5.43	5.76	6.51	1,416,869
1981	3,863	4,070	850	4,594	69,134	5.59	5.89	6.65	1,261,202
1982	3,519	3,708	744	4,226	70,765	4.97	5.24	5.97	1,265,321
1983	3,645	3,839	756	4,365	73,586	4.95	5.22	5.93	1,304,041
1984	3,907	4,122	872	4,605	77,377	5.05	5.33	5.95	1,340,144
1985	3,892	4,124	772	4,655	78,063	4.99	5.28	5.96	1,403,266
1986	3,825	4,060	718	4,493	81,038	4.72	5.01	5.54	1,407,783
1987	3,746	3,971	675	4,403	85,495	4.38	4.64	5.15	1,529,824
1988	3,939	4,212	731	4,609	88,551	4.45	4.76	5.20	1,667,327
1989	3,680	3,909	671	4,372	91,879	4.01	4.25	4.76	1,707,182
1990	3,583	3,780	520	4,217	94,341	3.80	4.01	4.47	1,708,895
1991	3,071	3,266	493	3,635	96,645	3.18	3.38	3.76	1,691,331
1992	2,881	3,033	429	3,376	99,510	2.90	3.05	3.39	1,675,363
1993	3,092	3,261	446	3,699	103,116	3.00	3.16	3.59	1,680,305
1994	3,248	3,432	477	3,860	108,932	2.98	3.15	3.54	1,681,500
1995	3,129	3,319	472	3,723	115,451	2.71	2.87	3.22	1,695,751
1996	3,325	3,570	448	3,921	118,899	2.80	3.00	3.30	1,746,586
1997	3,491	3,711	512	4,122	124,584	2.80	2.98	3.31	1,789,968
1998	3,465	3,747	531	4,143	128,359	2.70	2.92	3.23	1,997,345
1999	3,442	3,713	574	4,121	132,384	2.60	2.80	3.11	2,028,562
2000	3,466	3,771	541	4,052	135,020	2.57	2.79	3.00	2,096,619
2001	3,298	3,553	503	3,838	136,584	2.41	2.60	2.81	2,154,174
2002	3,173	3,449	505	3,794	138,643	2.29	2.49	2.74	2,276,661

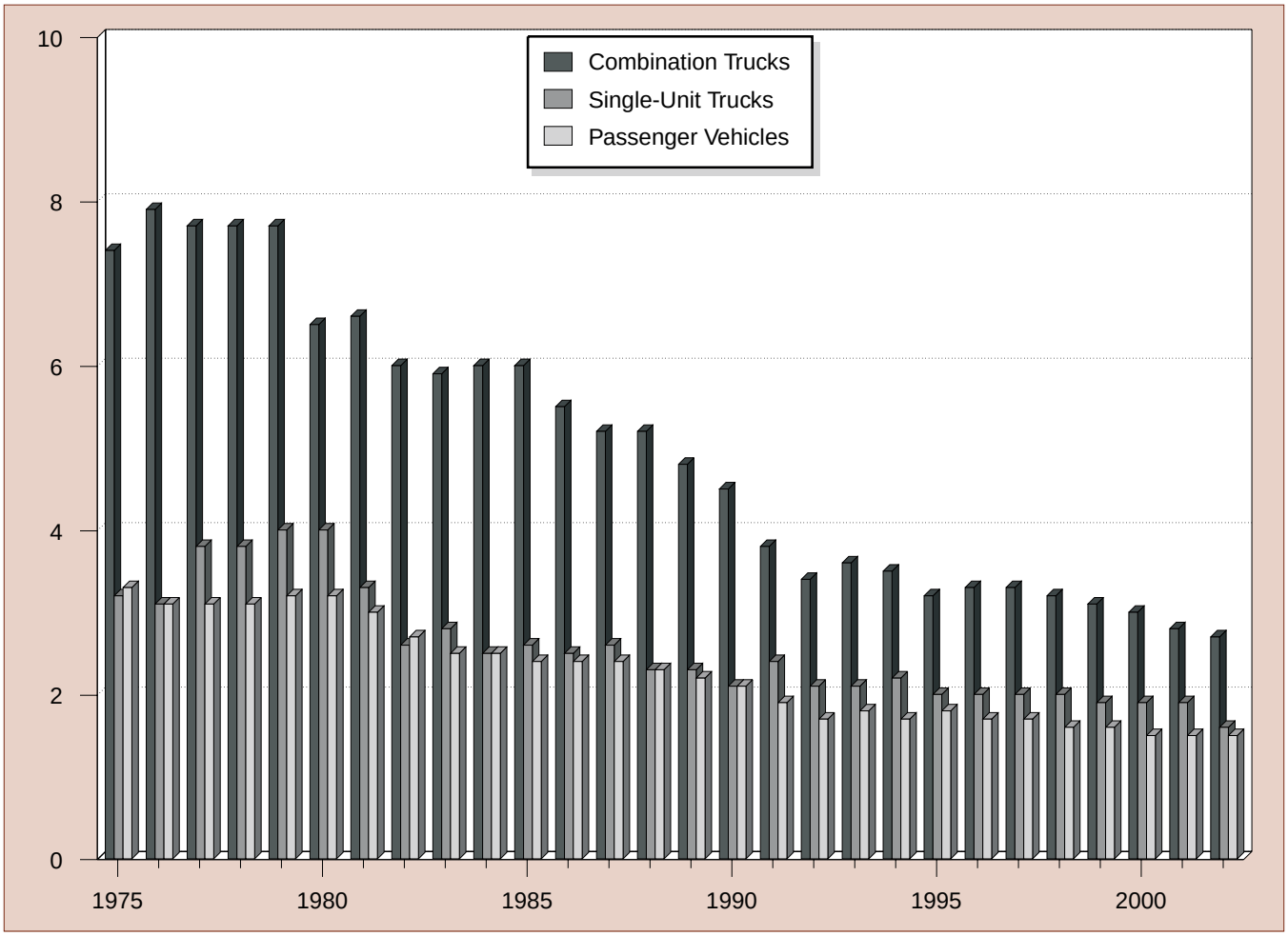
Note: A combination truck is defined as a truck tractor pulling any number of trailers (including none) or a straight truck pulling at least one trailer.
Sources: Vehicle Miles of Travel and Registered Vehicles: Federal Highway Administration. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 14. Single-Unit Truck Fatal Crash Statistics, 1975-2002

Year	Fatal Crashes	Vehicles Involved	Occupant Fatalities	Total Fatalities	Million Vehicle Miles Traveled	Fatal Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in Fatal Crashes per 100 Million Vehicle Miles Traveled	Fatalities per 100 Million Vehicle Miles Traveled	Single-Unit Trucks Registered
1975	948	971	265	1,094	34,606	2.74	2.81	3.16	4,231,622
1976	978	996	294	1,125	36,390	2.69	2.74	3.09	4,350,268
1977	1,306	1,334	355	1,502	39,339	3.32	3.39	3.82	4,450,290
1978	1,419	1,454	394	1,630	42,747	3.32	3.40	3.81	4,518,100
1979	1,472	1,510	391	1,670	42,012	3.50	3.59	3.98	4,505,197
1980	1,388	1,422	358	1,590	39,813	3.49	3.57	3.99	4,373,784
1981	1,130	1,160	283	1,298	39,568	2.86	2.93	3.28	4,455,076
1982	922	938	200	1,056	40,658	2.27	2.31	2.60	4,325,094
1983	1,019	1,038	226	1,182	42,546	2.40	2.44	2.78	4,204,351
1984	986	1,002	202	1,114	44,419	2.22	2.26	2.51	4,060,931
1985	1,016	1,029	205	1,163	45,441	2.24	2.26	2.56	4,593,071
1986	1,018	1,037	208	1,158	45,637	2.23	2.27	2.54	4,313,097
1987	1,118	1,137	177	1,259	48,022	2.33	2.37	2.62	4,188,442
1988	1,014	1,029	180	1,143	49,434	2.05	2.08	2.31	4,469,557
1989	1,056	1,075	187	1,192	50,870	2.08	2.11	2.34	4,519,300
1990	979	996	185	1,106	51,901	1.89	1.92	2.13	4,486,981
1991	1,072	1,081	168	1,251	52,898	2.03	2.04	2.36	4,480,815
1992	987	1,002	156	1,137	53,874	1.83	1.86	2.11	4,369,842
1993	1,054	1,067	159	1,214	56,772	1.86	1.88	2.14	4,407,850
1994	1,188	1,212	193	1,354	61,284	1.94	1.98	2.21	4,906,385
1995	1,133	1,153	176	1,275	62,705	1.81	1.84	2.03	5,023,669
1996	1,160	1,185	173	1,313	64,072	1.81	1.85	2.05	5,266,029
1997	1,194	1,206	211	1,369	66,893	1.78	1.80	2.05	5,293,358
1998	1,185	1,208	211	1,331	68,021	1.74	1.78	1.96	5,734,925
1999	1,193	1,207	185	1,352	70,304	1.70	1.72	1.92	5,763,864
2000	1,199	1,224	213	1,350	70,500	1.70	1.74	1.91	5,926,030
2001	1,247	1,270	205	1,382	72,448	1.72	1.75	1.91	5,703,501
2002	1,082	1,093	179	1,204	75,887	1.43	1.44	1.59	5,650,619

Note: A single-unit truck is defined as a medium or heavy truck in which the engine, cab, drive train, and cargo area are all on one chassis.
Sources: Vehicle Miles of Travel and Registered Vehicles: Federal Highway Administration. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Figure 7. Fatalities in Combination Truck, Single-Unit Truck, and Passenger Vehicle Crashes per 100 Million Vehicle Miles Traveled, 1975-2002



Notes: A combination truck is defined as a truck tractor pulling any number of trailers (including none) or a straight truck pulling at least one trailer. A single-unit truck is defined as a medium or heavy truck in which the engine, cab, drive train, and cargo area are all on one chassis. A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Sources: Vehicle Miles of Travel: Federal Highway Administration. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 15. Combination Truck Injury Crash Statistics, 1988-2002

Year	Injury Crashes	Vehicles Involved	Persons Injured	Million Vehicle Miles Traveled	Injury Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in Injury Crashes per 100 Million Vehicle Miles Traveled	Persons Injured per 100 Million Vehicle Miles Traveled	Combination Trucks Registered
1988	54,000	55,000	76,000	88,551	60.8	62.0	86.2	1,667,327
1989	61,000	64,000	87,000	91,879	66.9	69.4	94.4	1,707,182
1990	59,000	61,000	85,000	94,341	62.1	64.4	90.3	1,708,895
1991	42,000	44,000	63,000	96,645	43.7	45.5	65.2	1,691,331
1992	46,000	47,000	72,000	99,510	46.4	47.5	72.0	1,675,363
1993	54,000	56,000	77,000	103,116	52.7	54.5	74.8	1,680,305
1994	58,000	60,000	82,000	108,932	52.8	55.4	75.5	1,681,500
1995	48,000	50,000	67,000	115,451	41.6	43.5	58.4	1,695,751
1996	55,000	57,000	78,000	118,899	45.9	48.1	65.5	1,746,586
1997	51,000	53,000	72,000	124,584	40.7	42.4	58.1	1,789,968
1998	49,000	51,000	75,000	128,359	37.9	39.4	58.3	1,997,345
1999	54,000	57,000	79,000	132,384	40.5	43.0	59.8	2,028,562
2000	50,000	52,000	73,000	135,020	37.2	38.7	53.9	2,096,619
2001	46,000	49,000	71,000	136,584	34.0	35.6	51.8	2,154,174
2002	48,000	50,000	72,000	138,643	34.8	36.3	51.7	2,276,661

Notes: "Persons Injured" includes all nonfatally injured persons in injury and fatal crashes. A combination truck is defined as a truck tractor pulling any number of trailers (including none) or a straight truck pulling at least one trailer.
Sources: Vehicle Miles of Travel and Registered Vehicles: Federal Highway Administration. Injury Crashes, Vehicles Involved, and Injuries: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 16. Combination Truck Property Damage Only (PDO) Crash Statistics, 1988-2002

Year	PDO Crashes	Vehicles Involved	Million Vehicle Miles Traveled	PDO Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in PDO Crashes per 100 Million Vehicle Miles Traveled	Combination Trucks Registered
1988	182,000	186,000	88,551	206.0	209.5	1,667,327
1989	180,000	185,000	91,879	195.9	201.7	1,707,182
1990	161,000	166,000	94,341	170.9	175.6	1,708,895
1991	146,000	152,000	96,645	150.8	157.0	1,691,331
1992	129,000	134,000	99,510	129.5	134.3	1,675,363
1993	180,000	186,000	103,116	174.6	180.5	1,680,305
1994	217,000	223,000	108,932	199.4	204.8	1,681,500
1995	174,000	179,000	115,451	150.9	155.2	1,695,751
1996	168,000	173,000	118,899	141.0	145.8	1,746,586
1997	188,000	197,000	124,584	151.0	157.9	1,789,968
1998	170,000	178,000	128,359	132.3	138.9	1,997,345
1999	176,000	184,000	132,384	132.8	138.9	2,028,562
2000	171,000	179,000	135,020	126.8	132.2	2,096,619
2001	159,000	166,000	136,584	116.1	121.6	2,154,174
2002	153,000	159,000	138,643	110.2	115.0	2,276,661

Note: A combination truck is defined as a truck tractor pulling any number of trailers (including none) or a straight truck pulling at least one trailer.
Sources: Vehicle Miles of Travel and Registered Vehicles: Federal Highway Administration. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 17. Single-Unit Truck Injury Crash Statistics, 1988-2002

Year	Injury Crashes	Vehicles Involved	Persons Injured	Million Vehicle Miles Traveled	Injury Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in Injury Crashes per 100 Million Vehicle Miles Traveled	Persons Injured per 100 Million Vehicle Miles Traveled	Single-Unit Trucks Registered
1988	41,000	41,000	55,000	49,434	82.3	82.8	111.2	4,469,557
1989	46,000	46,000	70,000	50,870	89.8	91.3	137.9	4,519,300
1990	45,000	46,000	70,000	51,901	86.2	89.4	135.0	4,486,981
1991	33,000	34,000	48,000	52,898	63.0	64.3	91.4	4,480,815
1992	46,000	48,000	69,000	53,874	85.2	88.2	128.5	4,369,842
1993	39,000	40,000	57,000	56,772	69.0	71.0	100.8	4,407,850
1994	34,000	35,000	52,000	61,284	56.1	57.6	85.6	4,906,385
1995	32,000	33,000	51,000	62,705	51.5	53.2	80.9	5,023,669
1996	36,000	37,000	54,000	64,072	56.0	57.3	84.0	5,266,029
1997	42,000	43,000	60,000	66,893	63.2	63.9	89.6	5,293,358
1998	38,000	38,000	54,000	68,021	55.2	56.0	79.4	5,734,925
1999	43,000	44,000	65,000	70,304	60.8	62.2	92.3	5,763,864
2000	48,000	48,000	70,000	70,500	67.5	68.4	98.6	5,926,030
2001	41,000	41,000	62,000	72,448	56.1	56.9	85.6	5,703,501
2002	43,000	44,000	61,000	75,887	57.1	58.0	80.6	5,650,619

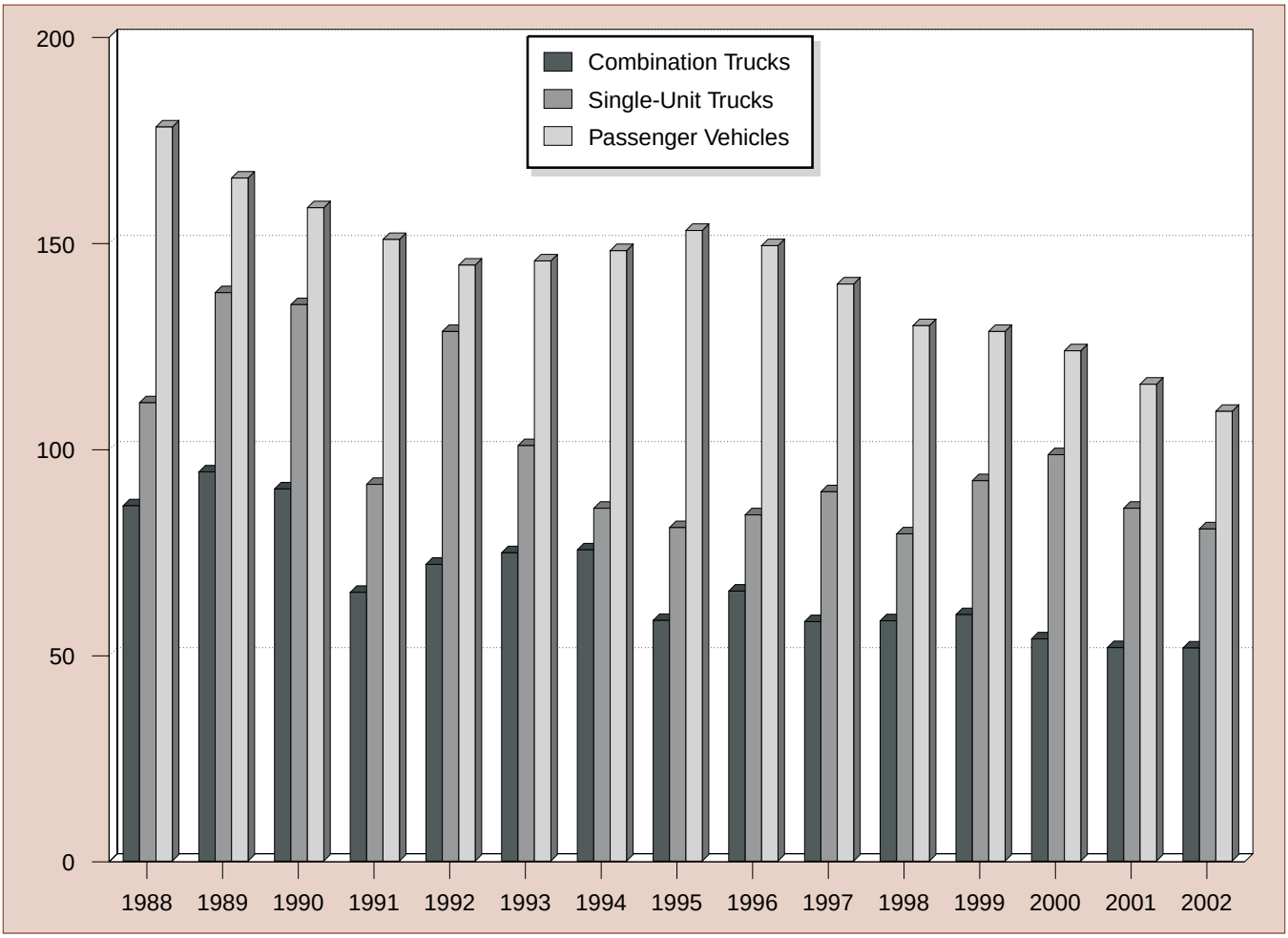
Notes: "Persons Injured" includes all nonfatally injured persons in injury and fatal crashes. A single-unit truck is defined as a medium or heavy truck in which the engine, cab, drive train, and cargo area are all on one chassis.
Sources: Vehicle Miles of Travel and Registered Vehicles: Federal Highway Administration. Injury Crashes, Vehicles Involved, and Injuries: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 18. Single-Unit Truck Property Damage Only (PDO) Crash Statistics, 1988-2002

Year	PDO Crashes	Vehicles Involved	Million Vehicle Miles Traveled	PDO Crashes per 100 Million Vehicle Miles Traveled	Vehicles Involved in PDO Crashes per 100 Million Vehicle Miles Traveled	Single-Unit Trucks Registered
1988	110,000	111,000	49,434	222.4	225.5	4,469,557
1989	113,000	115,000	50,870	222.7	226.3	4,519,300
1990	106,000	108,000	51,901	204.0	207.5	4,486,981
1991	96,000	97,000	52,898	181.1	182.5	4,480,815
1992	141,000	144,000	53,874	262.2	266.5	4,369,842
1993	109,000	110,000	56,772	191.3	193.4	4,407,850
1994	135,000	137,000	61,284	220.9	223.6	4,906,385
1995	108,000	110,000	62,705	171.9	175.8	5,023,669
1996	120,000	122,000	64,072	187.7	190.1	5,266,029
1997	140,000	141,000	66,893	208.6	210.1	5,293,358
1998	138,000	140,000	68,021	202.5	205.5	5,734,925
1999	181,000	185,000	70,304	257.3	263.6	5,763,864
2000	171,000	173,000	70,500	242.8	244.9	5,926,030
2001	167,000	169,000	72,448	230.4	233.0	5,703,501
2002	173,000	176,000	75,887	228.0	232.1	5,650,619

Note: A single-unit truck is defined as a medium or heavy truck in which the engine, cab, drive train, and cargo area are all on one chassis.
Sources: Vehicle Miles of Travel and Registered Vehicles: Federal Highway Administration. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Figure 8. Persons Injured in Combination Truck, Single-Unit Truck, and Passenger Vehicle Crashes per 100 Million Vehicle Miles Traveled, 1988-2002



Notes: "Persons Injured" includes all nonfatally injured persons in injury and fatal crashes. A combination truck is defined as a truck tractor pulling any number of trailers (including none) or a straight truck pulling at least one trailer. A single-unit truck is defined as a medium or heavy truck in which the engine, cab, drive train, and cargo area are all on one chassis. A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Sources: Vehicle Miles of Travel: Federal Highway Administration. Injury Crashes, Vehicles Involved, and Injuries: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 19. Large Truck and Passenger Vehicle Fatal Crashes per 100 Million Vehicle Miles Traveled by Roadway Function Class, 1981-2002

Year	Rural						Urban				Total	
	Interstate		Non-Interstate Principal Arterial		Other		Interstate		Other			
	Large Trucks	Passenger Vehicles	Large Trucks	Passenger Vehicles	Large Trucks	Passenger Vehicles	Large Trucks	Passenger Vehicles	Large Trucks	Passenger Vehicles	Large Trucks	Passenger Vehicles
1981	2.3	1.4	5.3	2.4	7.9	5.3	2.7	1.1	4.5	2.2	4.5	2.7
1982	1.9	1.3	4.5	1.8	8.2	5.2	2.2	0.9	3.8	1.9	4.0	2.3
1983	2.1	1.3	4.1	1.6	8.3	5.0	2.5	0.8	4.0	1.8	4.0	2.2
1984	2.0	1.3	4.1	1.7	8.5	5.2	2.4	0.8	3.9	1.8	4.0	2.2
1985	2.0	1.2	4.1	1.7	8.2	5.0	2.4	0.8	4.0	1.7	4.0	2.1
1986	1.7	1.2	4.1	1.7	7.7	5.3	2.3	0.7	4.1	1.7	3.8	2.1
1987	1.8	1.3	3.7	1.6	7.7	5.3	2.0	0.7	3.9	1.6	3.6	2.1
1988	2.0	1.4	3.3	1.5	7.8	5.3	2.1	0.8	3.6	1.6	3.6	2.0
1989	1.7	1.3	3.2	1.3	7.6	4.9	1.8	0.7	3.3	1.5	3.3	1.9
1990	1.5	1.2	2.8	1.2	7.0	4.8	1.9	0.7	3.3	1.4	3.1	1.8
1991	1.4	1.1	2.6	1.1	5.8	4.4	1.6	0.6	3.0	1.3	2.7	1.7
1992	1.2	1.1	2.5	1.0	5.4	4.2	1.4	0.5	2.6	1.2	2.5	1.5
1993	1.3	1.2	2.5	1.1	5.6	4.4	1.5	0.5	2.6	1.2	2.6	1.5
1994	1.2	1.1	2.8	1.2	5.3	4.3	1.6	0.6	2.5	1.2	2.6	1.5
1995	1.1	1.1	2.5	1.2	4.8	4.4	1.5	0.5	2.5	1.2	2.4	1.6
1996	1.3	1.2	2.7	1.2	5.0	4.2	1.6	0.6	2.3	1.2	2.4	1.5
1997	1.2	1.2	2.7	1.2	5.4	4.1	1.5	0.6	2.3	1.1	2.4	1.5
1998	1.2	1.2	2.7	1.2	5.4	3.9	1.5	0.5	2.1	1.0	2.3	1.4
1999	1.3	1.2	2.6	1.1	5.3	3.8	1.3	0.5	2.0	1.0	2.3	1.4
2000	1.3	1.2	2.3	1.0	5.2	3.7	1.3	0.5	1.9	1.0	2.2	1.4
2001	1.2	1.1	2.3	1.0	4.9	3.7	1.4	0.5	1.9	1.0	2.1	1.3
2002	1.1	1.1	2.0	1.0	4.7	3.8	1.2	0.5	1.7	1.0	1.9	1.3

Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Sources: Vehicle Miles of Travel: Federal Highway Administration. Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 20. Fatalities in Crashes Involving Large Trucks by State, 1992-2002

State	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Alabama	135	175	171	160	152	172	158	161	159	145	127
Alaska	6	5	5	8	6	7	2	5	4	10	8
Arizona	78	79	94	90	98	73	125	108	105	85	104
Arkansas	88	108	91	102	104	135	109	96	118	98	98
California	390	406	386	433	390	409	378	363	374	378	362
Colorado	55	68	61	53	63	80	61	71	68	95	52
Connecticut	22	27	27	29	34	25	28	21	34	29	18
Delaware	19	24	11	9	14	17	17	11	20	15	17
District of Columbia	1	3	2	1	4	4	1	2	2	1	0
Florida	282	319	310	290	305	308	352	349	310	365	376
Georgia	176	185	214	201	220	254	223	248	219	255	197
Hawaii	6	5	5	3	13	3	3	3	2	8	4
Idaho	28	14	38	38	40	34	28	31	26	34	32
Illinois	155	168	178	171	152	166	184	211	173	200	156
Indiana	143	158	157	165	166	158	181	205	163	135	131
Iowa	60	93	77	88	84	89	92	112	90	83	68
Kansas	59	69	59	68	64	96	86	96	81	80	83
Kentucky	100	110	109	106	100	115	112	94	101	107	122
Louisiana	93	91	119	97	107	132	157	131	126	123	113
Maine	23	24	27	28	15	23	23	25	30	28	22
Maryland	69	55	79	59	70	84	63	54	63	78	63
Massachusetts	23	37	45	36	39	39	35	37	51	30	24
Michigan	117	124	186	172	162	150	159	139	156	122	135
Minnesota	83	75	88	78	77	102	87	91	89	64	86
Mississippi	109	103	98	123	99	106	130	118	123	98	83
Missouri	134	114	148	97	167	158	183	178	183	139	154
Montana	28	15	20	30	21	27	21	19	26	27	26
Nebraska	51	49	52	45	63	53	43	59	56	68	59
Nevada	26	25	28	31	44	31	38	44	37	46	32
New Hampshire	16	11	8	10	12	12	10	11	10	14	15
New Jersey	79	92	84	96	86	92	72	60	94	77	51
New Mexico	54	38	44	47	56	53	46	66	52	59	61
New York	158	160	210	149	161	161	143	177	157	139	132
North Carolina	153	218	207	198	183	231	247	201	191	201	169
North Dakota	16	20	9	12	12	12	11	25	10	12	19
Ohio	190	205	222	217	224	220	200	215	189	168	201
Oklahoma	70	95	83	91	99	105	134	103	112	94	129
Oregon	59	73	64	72	64	80	74	49	52	64	55
Pennsylvania	185	202	221	196	185	196	181	227	184	185	174
Rhode Island	6	7	6	3	6	2	3	9	1	6	5
South Carolina	92	104	104	104	111	90	128	118	133	108	101
South Dakota	20	22	17	14	24	20	15	23	22	21	19
Tennessee	103	132	146	129	175	145	125	185	163	138	149
Texas	338	370	412	381	450	455	479	434	513	486	455
Utah	24	27	32	34	36	57	54	43	39	34	44
Vermont	12	17	10	15	10	18	9	11	9	7	10
Virginia	119	100	132	98	121	130	131	107	115	110	95
Washington	57	67	54	75	73	89	72	63	72	63	55
West Virginia	59	51	61	53	60	60	42	65	57	48	65
Wisconsin	81	104	111	96	105	95	107	81	97	108	109
Wyoming	12	13	22	17	16	25	33	25	21	23	32
U.S. Total	**4,462**	**4,856**	**5,144**	**4,918**	**5,142**	**5,398**	**5,395**	**5,380**	**5,282**	**5,111**	**4,897**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 21. Fatal Crashes Involving Large Trucks by State, 1992-2002

State	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Alabama	120	145	145	133	137	155	136	136	143	128	111
Alaska	4	4	5	8	6	7	1	5	4	10	4
Arizona	61	66	79	72	77	67	93	94	91	74	84
Arkansas	75	96	81	84	93	101	93	86	100	88	75
California	324	326	319	342	340	338	319	304	331	334	313
Colorado	50	53	55	48	54	73	46	60	60	75	46
Connecticut	20	26	24	24	31	22	28	19	31	26	17
Delaware	19	20	11	9	13	14	16	9	19	11	16
District of Columbia	1	2	2	1	4	3	1	2	2	1	0
Florida	245	275	268	260	260	265	297	294	279	303	320
Georgia	156	151	182	171	192	208	189	204	189	216	168
Hawaii	6	5	4	3	11	3	3	3	2	8	4
Idaho	23	11	36	27	37	28	23	25	25	30	28
Illinois	137	146	155	153	134	155	165	178	152	172	142
Indiana	122	133	139	149	144	143	156	167	138	120	110
Iowa	53	76	69	64	73	74	77	92	78	70	61
Kansas	51	61	48	57	59	78	72	78	70	73	73
Kentucky	84	95	91	99	87	100	94	86	85	91	104
Louisiana	82	76	107	79	87	118	128	111	108	111	94
Maine	20	20	20	22	13	21	21	23	24	23	21
Maryland	59	47	69	48	65	78	57	53	58	70	58
Massachusetts	23	34	41	33	32	37	31	35	45	27	22
Michigan	104	106	161	148	138	124	139	126	137	115	120
Minnesota	64	61	75	71	58	87	75	83	73	59	75
Mississippi	88	79	76	98	83	91	102	104	107	84	71
Missouri	110	96	123	89	143	133	145	144	145	118	137
Montana	21	12	17	26	19	24	18	15	24	25	20
Nebraska	32	46	43	41	45	46	39	52	48	55	47
Nevada	21	23	27	27	39	26	32	38	33	41	29
New Hampshire	15	8	8	7	11	12	10	9	10	13	14
New Jersey	67	73	70	91	79	79	66	56	79	71	43
New Mexico	46	35	36	39	46	45	40	43	42	45	45
New York	143	139	190	142	140	141	128	153	147	128	123
North Carolina	132	183	175	163	155	181	213	179	164	176	152
North Dakota	14	16	8	7	9	11	7	18	9	11	16
Ohio	171	178	180	187	181	185	174	183	166	156	180
Oklahoma	64	75	70	80	83	89	99	80	97	77	96
Oregon	48	60	58	62	52	68	65	41	51	52	44
Pennsylvania	163	172	190	170	169	181	162	187	164	159	157
Rhode Island	5	6	6	3	6	2	3	9	1	5	5
South Carolina	77	90	81	85	91	82	109	105	108	99	83
South Dakota	18	17	15	12	18	15	14	18	18	20	16
Tennessee	88	116	130	112	152	126	113	149	145	117	123
Texas	293	326	314	316	391	384	401	367	412	422	379
Utah	20	25	26	26	32	45	45	39	38	31	34
Vermont	12	13	9	12	9	14	9	8	8	6	10
Virginia	99	81	116	91	104	115	112	94	99	95	78
Washington	46	58	51	60	65	73	63	55	59	55	52
West Virginia	46	41	56	47	51	49	38	48	46	44	55
Wisconsin	72	86	93	83	84	77	86	72	91	91	85
Wyoming	11	12	19	13	11	21	26	21	18	20	23
U.S. Total	**3,825**	**4,101**	**4,373**	**4,194**	**4,413**	**4,614**	**4,579**	**4,560**	**4,573**	**4,451**	**4,183**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 22. Large Trucks Involved in Fatal Crashes by State, 1992-2002

State	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Alabama	127	149	153	144	141	167	149	144	153	144	122
Alaska	4	4	5	8	7	7	1	5	4	10	4
Arizona	64	68	80	79	79	72	98	108	100	79	88
Arkansas	84	100	85	96	98	113	105	92	109	102	78
California	346	344	350	364	366	369	365	319	362	365	346
Colorado	52	56	55	51	55	75	52	60	65	85	50
Connecticut	20	26	26	25	32	23	29	22	36	28	17
Delaware	19	21	12	9	16	16	18	10	21	11	17
District of Columbia	1	2	2	1	4	3	1	2	2	1	0
Florida	251	287	290	281	279	284	313	327	302	335	351
Georgia	164	161	193	189	211	218	197	220	208	230	202
Hawaii	6	5	4	3	11	3	4	3	2	8	4
Idaho	23	11	37	29	39	30	23	25	26	32	30
Illinois	151	152	168	158	147	166	186	193	163	180	159
Indiana	128	143	148	160	160	160	180	191	167	133	120
Iowa	58	82	75	68	86	75	81	99	84	76	67
Kansas	53	62	50	59	62	81	78	82	79	78	78
Kentucky	91	101	94	101	92	108	99	94	97	95	114
Louisiana	83	81	111	86	89	124	142	120	113	126	102
Maine	20	21	20	24	13	21	21	25	24	27	21
Maryland	62	47	76	49	66	88	66	57	67	76	61
Massachusetts	25	34	41	33	34	38	38	35	46	27	22
Michigan	113	115	173	163	159	127	146	132	147	123	123
Minnesota	67	63	75	76	65	88	79	86	77	60	78
Mississippi	98	81	85	103	88	99	108	111	118	85	72
Missouri	112	101	128	93	150	139	155	155	165	129	151
Montana	21	12	17	26	19	24	18	15	24	27	22
Nebraska	34	57	44	41	48	46	40	58	52	61	59
Nevada	21	25	28	32	40	27	34	41	36	44	33
New Hampshire	16	8	8	8	12	12	10	9	10	14	15
New Jersey	73	74	75	102	82	80	71	59	88	76	48
New Mexico	47	35	37	40	53	51	44	48	45	47	57
New York	146	141	195	148	150	144	130	159	153	134	131
North Carolina	136	197	186	178	166	195	232	190	173	186	166
North Dakota	14	18	9	8	10	12	8	18	11	11	18
Ohio	177	188	197	201	205	203	187	201	189	163	186
Oklahoma	66	83	71	83	89	97	105	82	107	84	107
Oregon	53	62	63	66	58	77	67	48	59	52	45
Pennsylvania	179	193	203	184	184	193	178	207	177	181	174
Rhode Island	5	8	6	3	6	2	3	9	1	5	5
South Carolina	80	91	88	90	98	89	118	124	120	106	91
South Dakota	19	17	15	15	18	15	14	18	22	22	16
Tennessee	98	122	137	115	165	130	133	168	157	129	129
Texas	307	347	333	333	411	411	425	385	447	460	401
Utah	20	26	27	28	33	47	49	41	39	33	38
Vermont	12	13	10	12	9	15	10	8	8	6	10
Virginia	110	91	126	93	118	120	115	107	112	115	84
Washington	47	60	53	64	69	77	70	59	64	56	53
West Virginia	47	41	57	50	58	52	40	50	48	48	57
Wisconsin	74	90	103	85	94	80	90	74	98	95	93
Wyoming	11	12	20	15	11	24	30	25	18	23	27
U.S. Total	**4,035**	**4,328**	**4,644**	**4,472**	**4,755**	**4,917**	**4,955**	**4,920**	**4,995**	**4,823**	**4,542**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 23. Single-Vehicle Fatal Crashes Involving Large Trucks by State, 1992-2002

State	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Alabama	20	22	21	14	23	23	22	23	25	19	17
Alaska	0	1	2	4	1	4	0	0	2	3	0
Arizona	11	17	19	16	15	14	22	13	21	17	16
Arkansas	12	16	7	16	24	17	18	13	28	19	18
California	81	75	72	86	95	94	69	82	74	83	66
Colorado	9	8	11	9	9	18	12	12	11	12	9
Connecticut	5	6	9	4	9	7	10	3	6	7	4
Delaware	2	2	0	0	3	3	3	2	1	2	2
District of Columbia	0	0	2	1	2	0	0	1	1	0	0
Florida	45	42	48	51	41	50	46	35	45	48	52
Georgia	25	15	19	28	32	23	25	32	32	38	26
Hawaii	2	1	0	1	4	2	0	0	0	5	2
Idaho	3	4	7	5	5	6	4	5	4	6	5
Illinois	27	26	23	33	16	37	19	27	23	34	26
Indiana	16	21	24	27	18	19	15	30	16	16	19
Iowa	6	7	7	3	7	14	5	7	9	8	5
Kansas	8	5	11	8	11	15	7	11	5	17	10
Kentucky	16	17	5	19	16	20	18	24	16	10	18
Louisiana	22	12	18	15	19	23	24	13	22	17	16
Maine	2	6	2	3	2	6	5	4	3	3	3
Maryland	11	12	11	6	9	12	6	13	7	9	7
Massachusetts	1	8	11	7	9	10	6	8	9	9	4
Michigan	19	12	21	13	17	14	18	17	18	12	10
Minnesota	6	10	8	6	7	13	9	12	10	11	10
Mississippi	14	11	12	14	19	10	14	13	26	14	11
Missouri	16	13	21	18	18	15	25	31	32	16	23
Montana	9	4	6	5	2	9	8	4	6	7	4
Nebraska	5	11	8	7	5	8	8	5	5	8	11
Nevada	6	1	6	7	6	8	7	13	9	11	4
New Hampshire	3	2	3	0	1	4	2	2	0	0	2
New Jersey	13	13	11	12	16	10	14	16	17	17	11
New Mexico	10	10	15	14	11	15	13	9	11	14	16
New York	43	38	61	43	44	44	42	57	44	37	31
North Carolina	16	29	24	27	15	18	43	29	30	31	33
North Dakota	4	1	0	1	0	2	1	0	1	2	2
Ohio	37	31	25	28	14	26	27	32	24	21	22
Oklahoma	19	12	13	13	17	19	11	15	16	12	20
Oregon	8	13	18	19	6	12	17	9	9	13	6
Pennsylvania	32	28	35	30	26	31	28	30	26	26	26
Rhode Island	0	1	3	2	5	1	1	2	0	0	0
South Carolina	13	15	12	12	11	13	17	9	14	16	9
South Dakota	6	0	5	2	3	3	3	6	4	3	4
Tennessee	12	11	20	17	26	30	15	29	28	24	17
Texas	59	45	76	65	59	67	82	58	57	66	62
Utah	5	9	8	5	7	11	14	11	11	8	8
Vermont	4	3	2	3	1	5	1	1	1	2	0
Virginia	21	18	26	14	19	24	31	18	15	18	18
Washington	10	14	13	11	15	11	10	8	10	9	11
West Virginia	3	9	11	11	15	4	5	10	13	13	11
Wisconsin	9	8	12	13	5	11	9	5	9	14	10
Wyoming	2	2	5	2	4	5	6	5	3	6	4
U.S. Total	**728**	**697**	**809**	**770**	**764**	**860**	**817**	**814**	**809**	**813**	**721**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 24. Multiple-Vehicle Fatal Crashes Involving Large Trucks by State, 1992-2002

State	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Alabama	100	123	124	119	114	132	114	113	118	109	94
Alaska	4	3	3	4	5	3	1	5	2	7	4
Arizona	50	49	60	56	62	53	71	81	70	57	68
Arkansas	63	80	74	68	69	84	75	73	72	69	57
California	243	251	247	256	245	244	250	222	257	249	245
Colorado	41	45	44	39	45	55	34	48	49	62	36
Connecticut	15	20	15	20	22	15	18	16	25	19	13
Delaware	17	18	11	9	10	11	13	7	18	9	14
District of Columbia	1	2	0	0	2	3	1	1	1	1	0
Florida	200	233	220	209	219	215	251	259	234	252	268
Georgia	131	136	163	143	160	185	164	172	157	178	142
Hawaii	4	4	4	2	7	1	3	3	2	3	2
Idaho	20	7	29	22	32	22	19	20	21	24	23
Illinois	110	120	132	120	118	118	146	151	129	137	116
Indiana	106	112	115	122	126	124	141	137	122	104	91
Iowa	47	69	62	61	66	60	72	85	69	62	56
Kansas	43	56	37	49	48	63	65	67	65	56	63
Kentucky	68	78	86	80	71	80	76	62	69	81	86
Louisiana	60	64	89	64	68	95	104	98	86	94	78
Maine	18	14	18	19	11	15	16	19	21	19	18
Maryland	48	35	58	42	56	66	51	40	51	61	51
Massachusetts	22	26	30	26	23	27	25	27	36	18	17
Michigan	85	94	140	135	121	110	121	109	119	103	110
Minnesota	58	51	67	65	51	74	66	71	63	48	65
Mississippi	74	68	64	84	64	81	88	91	81	70	60
Missouri	94	83	102	71	125	118	120	113	113	101	112
Montana	12	8	11	21	17	15	10	11	18	18	16
Nebraska	27	35	35	34	40	38	31	47	43	47	36
Nevada	15	22	21	20	33	18	25	25	24	30	25
New Hampshire	12	6	5	7	10	8	8	7	10	13	12
New Jersey	54	60	59	79	63	69	52	40	62	54	32
New Mexico	36	25	21	25	35	30	27	34	31	31	29
New York	100	101	129	99	96	97	86	96	103	91	92
North Carolina	116	154	151	136	140	163	170	150	134	145	119
North Dakota	10	15	8	6	9	9	6	18	8	9	14
Ohio	134	147	155	159	167	159	147	151	142	135	158
Oklahoma	45	63	57	67	66	70	88	65	81	65	76
Oregon	40	47	40	43	46	56	48	32	42	38	37
Pennsylvania	131	144	155	140	143	150	134	157	138	131	131
Rhode Island	5	5	3	1	1	1	2	7	1	5	5
South Carolina	64	75	69	73	80	69	92	96	94	82	74
South Dakota	12	17	10	10	15	12	11	12	14	17	12
Tennessee	76	105	110	95	126	96	98	120	117	93	106
Texas	234	281	238	251	332	317	319	309	355	355	314
Utah	15	16	18	21	25	34	31	28	27	23	26
Vermont	8	10	7	9	8	9	8	7	7	4	10
Virginia	78	63	90	77	85	91	81	76	84	76	60
Washington	36	44	38	49	50	62	53	47	49	45	41
West Virginia	43	32	45	36	36	45	33	38	33	30	44
Wisconsin	63	78	81	70	79	66	77	67	82	77	75
Wyoming	9	10	14	11	7	16	20	16	15	14	19
U.S. Total	**3,097**	**3,404**	**3,564**	**3,424**	**3,649**	**3,754**	**3,762**	**3,746**	**3,764**	**3,621**	**3,452**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Crashes

This chapter contains information on the circumstances of large truck crashes. Below is a summary of some of the information presented:

- Of the 416,000 police-reported crashes involving large trucks in 2002, 4,183 (1 percent) resulted in at least one fatality, and 90,000 (22 percent) resulted in at least one nonfatal injury.
- Single-vehicle crashes made up 17 percent of all fatal crashes, 16 percent of all injury crashes, and 30 percent of all property damage only crashes involving large trucks.
- Two-thirds (67 percent) of all fatal crashes involving large trucks occurred on rural roads, and nearly one-fourth (24 percent) occurred on Interstate highways.
- One-third (33 percent) of all fatal crashes and nearly one-fourth (23 percent) of all property damage only crashes involving large trucks occurred at night.
- The vast majority of fatal crashes (85 percent) and of nonfatal crashes (88 percent) involving large trucks occurred on weekdays (Monday through Friday).
- Collision with a vehicle in transport was the first harmful event in 78 percent of fatal crashes involving large trucks.
- Rollover was the first harmful event in only 4 percent of all fatal crashes involving large trucks and in only 3 percent of all nonfatal crashes involving large trucks.

Table 25. Crashes Involving Large Trucks by First Harmful Event and Crash Severity

First Harmful Event	Single-Vehicle		Multiple-Vehicle		Total	
	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes						
Collision with Vehicle in Transport	0	0.0%	3,262	94.3%	**3,262**	**78.0%**
Collision with Fixed Object	217	30.0%	89	2.6%	**306**	**7.3%**
Collision with Pedestrian	211	29.2%	23	0.7%	**234**	**5.6%**
Overturn (Rollover)	137	18.9%	49	1.4%	**186**	**4.4%**
Collision with Pedalcycle	64	8.9%	3	0.1%	**67**	**1.6%**
Collision with Parked Motor Vehicle	20	2.8%	9	0.3%	**29**	**0.7%**
Collision with Train	20	2.8%	0	0.0%	**20**	**0.5%**
Collision with Other Object	4	0.6%	11	0.3%	**15**	**0.4%**
Collision with Animal	9	1.2%	4	0.1%	**13**	**0.3%**
Explosion/Fire	0	0.0%	0	0.0%	**0**	**0.0%**
Other	25	3.5%	6	0.2%	**31**	**0.7%**
Unknown	16	2.2%	4	0.1%	**20**	**0.5%**
Total	**723**	**100.0%**	**3,460**	**100.0%**	**4,183**	**100.0%**
Injury Crashes						
Collision with Vehicle in Transport	*	*	72,000	95.6%	**72,000**	**80.5%**
Collision with Fixed Object	5,000	33.0%	1,000	1.3%	**6,000**	**6.3%**
Collision with Pedestrian	2,000	16.5%	*	0.1%	**2,000**	**2.7%**
Overturn (Rollover)	5,000	32.0%	*	0.3%	**5,000**	**5.3%**
Collision with Pedalcycle	1,000	5.3%	*	*	**1,000**	**0.8%**
Collision with Parked Motor Vehicle	1,000	3.7%	*	0.1%	*****	**0.6%**
Collision with Train	*	0.4%	*	*	*****	**0.1%**
Collision with Other Object	*	1.6%	*	*	*****	**0.3%**
Collision with Animal	*	2.6%	*	*	*****	**0.4%**
Jackknife	*	2.2%	*	0.2%	*****	**0.6%**
Explosion/Fire	*	0.4%	*	0.1%	*****	**0.2%**
Other	*	2.2%	2,000	2.2%	**2,000**	**2.2%**
Total	**14,000**	**100.0%**	**76,000**	**100.0%**	**90,000**	**100.0%**
Property Damage Only Crashes						
Collision with Vehicle in Transport	*	*	212,000	93.7%	**212,000**	**65.9%**
Collision with Fixed Object	31,000	32.4%	1,000	0.5%	**32,000**	**10.0%**
Collision with Pedestrian	*	*	*	0.1%	*****	*****
Overturn (Rollover)	5,000	4.9%	*	*	**5,000**	**1.5%**
Collision with Pedalcycle	*	0.4%	*	*	*****	**0.1%**
Collision with Parked Motor Vehicle	44,000	46.3%	*	*	**44,000**	**13.7%**
Collision with Train	*	0.1%	*	*	*****	*****
Collision with Other Object	3,000	3.6%	*	0.7%	**5,000**	**1.5%**
Collision with Animal	5,000	5.7%	*	*	**5,000**	**1.7%**
Jackknife	2,000	1.6%	*	*	**2,000**	**0.5%**
Explosion/Fire	1,000	1.3%	*	*	**1,000**	**0.4%**
Other	4,000	3.7%	11,000	5.0%	**15,000**	**4.6%**
Total	**96,000**	**100.0%**	**227,000**	**100.0%**	**322,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 26. Fatal Crashes Involving Large Trucks by Speed Limit

Speed Limit	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
25 mph or Less	40	5.5%	33	1.0%	**73**	**1.7%**
30 - 35 mph	92	12.7%	216	6.2%	**308**	**7.4%**
40 - 45 mph	81	11.2%	520	15.0%	**601**	**14.4%**
50 - 55 mph	224	31.0%	1,488	43.0%	**1,712**	**40.9%**
60 - 65 mph	146	20.2%	766	22.1%	**912**	**21.8%**
70 - 75 mph	106	14.7%	401	11.6%	**507**	**12.1%**
No Statutory Limit	3	0.4%	5	0.1%	**8**	**0.2%**
Unknown	31	4.3%	31	0.9%	**62**	**1.5%**
Total	**723**	**100.0%**	**3,460**	**100.0%**	**4,183**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 27. Fatal Crashes Involving Large Trucks by Roadway Function Class

Rural			Urban		
Roadway Function Class	Number	Percent	Roadway Function Class	Number	Percent
Interstate	609	14.6%	Interstate	399	9.5%
Other Principal Arterial	850	20.3%	Freeway/Expressway	144	3.4%
Minor Arterial	588	14.1%	Other Principal Arterial	425	10.2%
Major Collector	478	11.4%	Minor Arterial	181	4.3%
Minor Collector	102	2.4%	Collector	61	1.5%
Local Road	178	4.3%	Local Road	145	3.5%
Unknown	8	0.2%	Unknown	0	0.0%
Total Rural	**2,813**	**67.2%**	**Total Urban**	**1,355**	**32.4%**
Unknown Rural or Urban	15	0.4%	**Total Fatal Crashes**	**4,183**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 28. Crashes Involving Large Trucks by Time of Day and Crash Severity

Time of Day	Fatal		Injury		Property Damage Only	
	Number	Percent	Number	Percent	Number	Percent
12am - 3am	329	7.9%	5,000	5.4%	15,000	4.7%
3am - 6am	376	9.0%	3,000	3.8%	13,000	4.0%
6am - 9am	639	15.3%	13,000	14.2%	50,000	15.5%
9am - 12pm	737	17.6%	17,000	18.8%	71,000	21.9%
12pm - 3pm	798	19.1%	20,000	22.3%	69,000	21.5%
3pm - 6pm	622	14.9%	17,000	19.3%	60,000	18.5%
6pm - 9pm	363	8.7%	9,000	9.6%	29,000	8.9%
9pm - 12am	317	7.6%	6,000	6.4%	16,000	4.9%
Unknown	2	*				
Daytime (6am - 6pm)	*2,796*	*66.8%*	*67,000*	*74.7%*	*250,000*	*77.4%*
Nighttime (6pm - 6am)	*1,387*	*33.2%*	*23,000*	*25.3%*	*73,000*	*22.6%*
Total	**4,183**	**100.0%**	**90,000**	**100.0%**	**322,000**	**100.0%**

*Less than 0.05 percent.
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 29. Crashes Involving Large Trucks by Day of Week and Crash Severity

Day of Week	Fatal		Injury		Property Damage Only	
	Number	Percent	Number	Percent	Number	Percent
Sunday	248	5.9%	4,000	5.0%	16,000	4.9%
Monday	684	16.4%	16,000	17.4%	63,000	19.6%
Tuesday	711	17.0%	15,000	16.3%	56,000	17.3%
Wednesday	742	17.7%	15,000	16.9%	55,000	17.1%
Thursday	684	16.4%	13,000	14.4%	54,000	16.7%
Friday	744	17.8%	19,000	20.7%	58,000	18.0%
Saturday	370	8.8%	8,000	9.4%	21,000	6.5%
Total	**4,183**	**100.0%**	**90,000**	**100.0%**	**322,000**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 30. Crashes Involving Large Trucks by Trafficway Flow and Crash Severity

Trafficway Flow	Fatal		Injury		Property Damage Only	
	Number	Percent	Number	Percent	Number	Percent
Not Physically Divided	2,278	54.5%	36,000	40.6%	137,000	42.6%
Divided Median, No Barrier	1,406	33.6%				
Divided Median, With Barrier	443	10.6%	37,000	41.3%	97,000	30.1%
One-Way Traffic	30	0.7%	4,000	4.1%	17,000	5.3%
Unknown	26	0.6%	13,000	14.0%	71,000	22.0%
Total	**4,183**	**100.0%**	**90,000**	**100.0%**	**322,000**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 31. Crashes Involving Large Trucks by Relation to Junction and Crash Severity

Relation to Junction	Fatal		Injury		Property Damage Only	
	Number	Percent	Number	Percent	Number	Percent
Non-Interchange						
Non-Junction	2,663	63.7%	40,000	44.7%	162,000	50.3%
Intersection	947	22.6%	21,000	23.1%	41,000	12.7%
Intersection Related	181	4.3%	16,000	17.7%	61,000	19.1%
Driveway, Alley Access	97	2.3%	6,000	6.3%	27,000	8.3%
Entrance/Exit Ramp Related	25	0.6%	*	0.1%	*	*
Rail Grade Crossing	23	0.5%	*	0.2%	1,000	0.4%
On Bridge	0	0.0%	2,000	1.9%	11,000	3.4%
In Crossover	27	0.6%	*	0.3%	*	*
Other	0	0.0%	*	0.3%	*	0.1%
Unknown	3	0.1%				
Subtotal	*3,966*	*94.8%*	*85,000*	*94.5%*	*304,000*	*94.4%*
Interchange Area						
Non-Junction	0	0.0%	1,000	1.6%	3,000	0.8%
Intersection	57	1.4%	*	0.4%	1,000	0.4%
Intersection Related	10	0.2%	*	0.3%	1,000	0.3%
Driveway, Alley Access	2	*	*	*	*	*
Entrance/Exit Ramp Related	73	1.7%	3,000	3.1%	12,000	3.7%
On Bridge	0	0.0%	*	0.1%	1,000	*
In Crossover	3	0.1%	*	*	*	*
Other	71	1.7%	*	*	*	*
Unknown	0	0.0%				
Subtotal	*216*	*5.2%*	*5,000*	*5.5%*	*18,000*	*5.6%*
Unknown Relation to Junction	**1**	*****				
Total	**4,183**	**100.0%**	**90,000**	**100.0%**	**322,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 32. Crashes Involving Large Trucks by Relation to Roadway and Crash Severity

Relation to Roadway	Single-Vehicle		Multiple-Vehicle		Total	
	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes						
On Roadway	347	48.0%	3,290	95.1%	**3,637**	**86.9%**
Shoulder	102	14.1%	73	2.1%	**175**	**4.2%**
Median	43	5.9%	27	0.8%	**70**	**1.7%**
Roadside	167	23.1%	50	1.4%	**217**	**5.2%**
Outside of Roadway	10	1.4%	6	0.2%	**16**	**0.4%**
Off Roadway, Location Unknown	50	6.9%	5	0.1%	**55**	**1.3%**
In Parking Lane	0	0.0%	1	*	**1**	*
Gore	0	0.0%	4	0.1%	**4**	**0.1%**
Separator	2	0.3%	0	0.0%	**2**	*
Two-Way Continuous Left-Turn Lane	0	0.0%	3	0.1%	**3**	*
Unknown	2	0.3%	1	*	**3**	**0.1%**
Total	**723**	**100.0%**	**3,460**	**100.0%**	**4,183**	**100.0%**
Injury Crashes						
On Roadway	6,000	43.9%	74,000	98.3%	**81,000**	**89.7%**
Shoulder	1,000	6.1%	*	0.1%	**1,000**	**1.1%**
Median	1,000	6.4%	1,000	0.8%	**2,000**	**1.7%**
Roadside	5,000	35.0%	*	0.6%	**5,000**	**6.1%**
Outside of Roadway	*	3.3%	*	*	*	**0.5%**
Off Roadway, Location Unknown	*	1.2%	*	*	*	**0.2%**
In Parking Lane	*	1.5%	*	*	*	**0.2%**
Gore	*	1.5%	*	0.1%	*	**0.3%**
Separator	*	*	*	*	*	*
Unknown	*	0.8%	*	0.1%	*	*
Total	**14,000**	**100.0%**	**76,000**	**100.0%**	**90,000**	**100.0%**
Property Damage Only Crashes						
On Roadway	20,000	21.3%	224,000	98.9%	**244,000**	**75.8%**
Shoulder	2,000	1.7%	1,000	0.2%	**2,000**	**0.7%**
Median	2,000	2.4%	1,000	0.4%	**3,000**	**1.0%**
Roadside	25,000	25.6%	1,000	0.3%	**25,000**	**7.8%**
Outside of Roadway	4,000	3.8%	*	*	**4,000**	**1.1%**
Off Roadway, Location Unknown	1,000	1.3%	*	0.2%	**2,000**	**0.5%**
In Parking Lane	41,000	42.4%	*	*	**41,000**	**12.6%**
Gore	1,000	0.8%	*	*	**1,000**	**0.2%**
Separator	*	*	*	*	*	*
Unknown	1,000	0.7%	*	*	**1,000**	**0.2%**
Total	**96,000**	**100.0%**	**227,000**	**100.0%**	**322,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 33. Crashes Involving Large Trucks by Weather Conditions and Crash Severity

Weather Conditions	Fatal		Injury		Property Damage Only	
	Number	Percent	Number	Percent	Number	Percent
Normal	3,580	85.6%	77,000	86.0%	285,000	88.6%
Rain	366	8.7%	10,000	11.4%	26,000	7.9%
Sleet	18	0.4%	*	0.4%	1,000	0.4%
Snow	104	2.5%	1,000	1.2%	7,000	2.2%
Fog	77	1.8%	*	0.4%	3,000	0.8%
Other	30	0.7%	1,000	0.6%	1,000	0.2%
Unknown	8	0.2%				
Total	**4,183**	**100.0%**	**90,000**	**100.0%**	**322,000**	**100.0%**

*Less than 500.
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 34. Crashes Involving Large Trucks by Road Surface Conditions and Crash Severity

Road Surface Condition	Fatal		Injury		Property Damage Only	
	Number	Percent	Number	Percent	Number	Percent
Dry	3,391	81.1%	73,000	80.7%	257,000	79.6%
Wet	614	14.7%	15,000	16.4%	53,000	16.5%
Snow or Slush	97	2.3%	1,000	1.1%	7,000	2.2%
Ice	64	1.5%	1,000	1.2%	4,000	1.3%
Sand, Dirt, Oil	3	*	*	0.5%	1,000	0.3%
Other	4	0.1%	*	*	*	0.1%
Unknown	10	0.2%				
Total	**4,183**	**100.0%**	**90,000**	**100.0%**	**322,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 35. Crashes Involving Large Trucks by Light Conditions and Crash Severity

Light Conditions	Fatal		Injury		Property Damage Only	
	Number	Percent	Number	Percent	Number	Percent
Daylight	2,751	65.8%	69,000	76.9%	250,000	77.6%
Dark	916	21.9%	9,000	10.0%	29,000	9.0%
Dark but Lighted	347	8.3%	9,000	10.6%	33,000	10.1%
Dawn	115	2.7%	1,000	1.0%	5,000	1.6%
Dusk	47	1.1%	1,000	1.5%	5,000	1.7%
Unknown	7	0.2%				
Total	**4,183**	**100.0%**	**90,000**	**100.0%**	**322,000**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 36. Crashes Involving Large Trucks by Construction/Maintenance Zone and Crash Severity

Work Zone	Fatal		Injury		Property Damage Only	
	Number	Percent	Number	Percent	Number	Percent
Yes	202	4.8%	2,000	2.6%	16,000	5.0%
No	3,981	95.2%	88,000	97.4%	306,000	95.0%
Total	**4,183**	**100.0%**	**90,000**	**100.0%**	**322,000**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Vehicles

This chapter presents information on large trucks involved in fatal, injury, and property damage only crashes. Some of the data in this chapter come from the MCMIS Crash File, which contains data on trucks and buses in crashes that meet the National Governors' Association (NGA) recommended threshold. MCMIS data are used for the tables on vehicle configuration (Table 37), gross vehicle weight rating (Table 39), and hazardous materials (Tables 40 and 41). NGA nonfatal crashes tend to be more serious than GES nonfatal crashes, because the NGA threshold requires at least one vehicle in the crash to have been towed due to damage or at least one person to have been taken to a hospital immediately from the crash for medical attention. Below is a summary of some of the vehicle information presented:

- In 2002, 4,542 large trucks were involved in fatal crashes, 94,000 were involved in injury crashes, and 336,000 were involved in property damage only crashes.
- Large trucks made up 8 percent of all vehicles in fatal crashes, 3 percent of all vehicles in injury crashes, and 4 percent of all vehicles in property damage only crashes.
- Hazardous materials (HM) placards were present on 4 percent of the large trucks involved in fatal crashes and 2 percent of those in nonfatal crashes. HM was released from the cargo compartments of 13 percent of the placarded trucks.
- "Collision with motor vehicle in transport" was recorded as the most harmful event for 79 percent of the large trucks involved in fatal crashes.
- Doubles (truck tractors pulling two trailers) made up only 3 percent of the large trucks involved in crashes, and triples (tractors pulling three trailers) accounted for less than 0.1 percent of all large trucks in crashes.

Table 37. Large Trucks in Crashes by Vehicle Configuration

Vehicle Configuration	Fatal		Injury		Towaway	
	Number	Percent	Number	Percent	Number	Percent
Single-Unit, 2 Axles	523	11.5%	6,377	13.0%	6,069	12.2%
Single-Unit, 3+ Axles	497	10.9%	5,763	11.7%	5,079	10.2%
Single-Unit, Axles Unknown	166	3.7%				
Truck/Trailer(s)	65	1.4%	5,914	12.0%	6,246	12.5%
Truck Tractor (Bobtail)	103	2.3%	1,895	3.9%	1,556	3.1%
Tractor/Semi-trailer	2,868	63.1%	22,927	46.6%	25,245	50.6%
Tractor/Double	151	3.3%	1,280	2.6%	1,493	3.0%
Tractor/Triple	3	0.1%	55	0.1%	74	0.1%
Unknown	166	3.7%	1,078	2.2%	819	1.6%
Missing			3,866	7.9%	3,276	6.6%
Total	**4,542**	**100.0%**	**49,155**	**100.0%**	**49,857**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Towaway Crashes: Federal Motor Carrier Safety Administration, MCMIS Crash File.

Table 38. Large Trucks in Crashes by Cargo Body Type

Cargo Body Type	Fatal		Injury		Towaway	
	Number	Percent	Number	Percent	Number	Percent
Van/Enclosed Box	2,178	48.0%	16,553	33.7%	19,556	39.2%
Cargo Tank	341	7.5%	2,638	5.4%	2,510	5.0%
Flatbed	581	12.8%	5,607	11.4%	6,023	12.1%
Dump	489	10.8%	4,419	9.0%	4,183	8.4%
Concrete Mixer	50	1.1%	539	1.1%	447	0.9%
Auto Transporter	43	0.9%	510	1.0%	489	1.0%
Garbage/Refuse	92	2.0%	1,173	2.4%	1,123	2.3%
Grain, Gravel, etc.	88	1.9%	727	1.5%	710	1.4%
Pole	50	1.1%	203	0.4%	196	0.4%
No Cargo Body	119	2.6%				
Other Large Truck	131	2.9%	7,715	15.7%	6,537	13.1%
Unknown Large Truck	336	7.4%	6,659	13.5%	6,863	13.8%
Not Applicable	6	0.1%	2,160	4.4%	1,177	2.4%
Unknown	38	0.8%	252	0.5%	43	0.1%
Total	**4,542**	**100.0%**	**49,155**	**100.0%**	**49,857**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Towaway Crashes: Federal Motor Carrier Safety Administration, MCMIS Crash File.

Table 39. Large Trucks in Crashes by Gross Vehicle Weight Rating

Gross Vehicle Weight Rating	Fatal		Injury		Towaway	
	Number	Percent	Number	Percent	Number	Percent
≤10,000 lbs	0	0.0%	800	1.6%	644	1.3%
10,001 - 26,000 lbs	453	10.0%	5320	10.8%	4803	9.6%
≥26,001 lbs	4027	88.7%	27911	56.8%	32668	65.5%
Missing	32	0.7%	15124	30.8%	11742	23.6%
Unknown	30	0.7%				
Total	**4,542**	**100.0%**	**49,155**	**100.0%**	**49,857**	**100.0%**

Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Towaway Crashes: Federal Motor Carrier Safety Administration, MCMIS Crash File.

Table 40. Large Trucks in Crashes by Hazardous Materials (HM) Cargo

HM Cargo	Fatal		Injury		Towaway	
	Number	Percent	Number	Percent	Number	Percent
Yes	200	4.4%	758	1.5%	737	1.5%
No	4,207	92.6%	39,363	80.1%	37,761	75.7%
Unknown	135	3.0%	9,034	18.4%	11,359	22.8%
Total	**4,542**	**100.0%**	**49,155**	**100.0%**	**49,857**	**100.0%**

Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Towaway Crashes: Federal Motor Carrier Safety Administration, MCMIS Crash File.

Table 41. Large Trucks in Crashes by Hazardous Materials (HM) Cargo Type and HM Release

HM Cargo Type	HM Release							
	Yes		No		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes								
Explosives	0	0.0%	1	1.9%	1	4.0%	**2**	**2.0%**
Gases	3	14.3%	7	13.5%	2	8.0%	**12**	**12.2%**
Flammable Liquids	7	33.3%	6	11.5%	16	64.0%	**29**	**29.6%**
Flammable Solids	0	0.0%	0	0.0%	1	4.0%	**1**	**1.0%**
Oxidizing Substances	0	0.0%	2	3.8%	0	0.0%	**2**	**2.0%**
Poisonous and Infectious Substances	0	0.0%	0	0.0%	0	0.0%	**0**	**0.0%**
Radioactive	0	0.0%	0	0.0%	0	0.0%	**0**	**0.0%**
Corrosives	1	4.8%	4	7.7%	1	4.0%	**6**	**6.1%**
Miscellaneous Dangerous Goods	1	4.8%	2	3.8%	0	0.0%	**3**	**3.1%**
Unknown	9	42.9%	30	57.7%	4	16.0%	**43**	**43.9%**
Total	**21**	**100.0%**	**52**	**100.0%**	**25**	**100.0%**	**98**	**100.0%**
Nonfatal Crashes								
Explosives	3	1.6%	25	2.3%	2	0.9%	**30**	**2.0%**
Gases	20	11.0%	143	13.2%	37	15.9%	**200**	**13.4%**
Flammable Liquids	71	39.0%	328	30.4%	104	44.6%	**503**	**33.6%**
Flammable Solids	4	2.2%	8	0.7%	1	0.4%	**13**	**0.9%**
Oxidizing Substances	6	3.3%	9	0.8%	4	1.7%	**19**	**1.3%**
Poisonous and Infectious Substances	0	0.0%	3	0.3%	3	1.3%	**6**	**0.4%**
Radioactive	1	0.5%	2	0.2%	0	0.0%	**3**	**0.2%**
Corrosives	12	6.6%	52	4.8%	25	10.7%	**89**	**6.0%**
Miscellaneous Dangerous Goods	3	1.6%	11	1.0%	10	4.3%	**24**	**1.6%**
Unknown	62	34.1%	499	46.2%	47	20.2%	**608**	**40.7%**
Total	**182**	**100.0%**	**1,080**	**100.0%**	**233**	**100.0%**	**1,495**	**100.0%**

Source: Federal Motor Carrier Safety Administration, MCMIS Crash File.

Table 42. Large Trucks in Crashes by Initial Point of Impact

Initial Point of Impact	Fatal		Injury		Property Damage Only	
	Number	Percent	Number	Percent	Number	Percent
Front	2,844	62.6%	40,000	42.0%	98,000	29.2%
Rear	718	15.8%	13,000	13.7%	61,000	18.1%
Left	429	9.4%	16,000	16.7%	60,000	17.9%
Right	296	6.5%	18,000	19.0%	88,000	26.4%
Non-Collision	122	2.7%	7,000	7.6%	23,000	6.9%
Other	75	1.7%	1,000	1.0%	5,000	1.6%
Unknown	58	1.3%				
Total	**4,542**	**100.0%**	**94,000**	**100.0%**	**336,000**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 43. Large Trucks in Crashes by Most Harmful Event for the Large Truck

Most Harmful Event	Fatal		Injury		Property Damage Only	
	Number	Percent	Number	Percent	Number	Percent
Collision with Vehicle in Transport	3,606	79.4%	77,000	80.0%	224,000	66.8%
Collision with Fixed Object	151	3.3%	4,000	3.7%	30,000	9.0%
Collision with Pedestrian	249	5.5%	2,000	2.5%	*	*
Overturn (Rollover)	289	6.4%	7,000	7.3%	7,000	1.9%
Collision with Pedalcycle	67	1.5%	2,000	2.5%	*	*
Collision with Parked Motor Vehicle	24	0.5%	*	0.5%	44,000	13.2%
Collision with Train	22	0.5%	*	0.1%	*	*
Collision with Other Object	15	0.3%	*	0.4%	5,000	1.6%
Collision with Animal	4	0.1%	*	0.4%	5,000	1.6%
Jackknife			1,000	0.7%	2,000	0.6%
Explosion/Fire	73	1.6%	*	0.2%	2,000	0.5%
Other	24	0.5%	2,000	1.9%	15,000	4.6%
Unknown	18	0.4%				
Total	**4,542**	**100.0%**	**96,000**	**100.0%**	**336,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 44. Large Trucks in Crashes by Jackknife Occurrence

Jackknife	Fatal		Injury		Property Damage Only	
	Number	Percent	Number	Percent	Number	Percent
Yes	252	5.5%	2,000	2.2%	4,000	1.1%
No	4,290	94.5%	92,000	97.8%	332,000	98.9%
Total	**4,542**	**100.0%**	**94,000**	**100.0%**	**336,000**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 45. Large Trucks in Crashes with Passenger Vehicles by Crash Type and Severity

Crash Type	Fatal		Injury		Property Damage Only	
	Number	Percent	Number	Percent	Number	Percent
Large Truck Rear-Ending Passenger Vehicle	143	5.6%	13,000	22.9%	27,000	13.3%
Passenger Vehicle Rear-Ending Large Truck	380	14.9%	7,000	12.4%	20,000	9.9%
Large Truck Striking Passenger Vehicle (Other)	987	38.7%	17,000	29.0%	92,000	45.8%
Passenger Vehicle Striking Large Truck (Other)	955	37.5%	18,000	31.1%	53,000	26.6%
Vehicles Striking Each Other	49	1.9%	1,000	2.5%	3,000	1.7%
Other Collision	35	1.4%	1,000	2.0%	6,000	2.8%
Total	**2,549**	**100.0%**	**57,000**	**100.0%**	**201,000**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 46. Large Trucks in Fatal Crashes with Passenger Vehicles by Crash Type and Driver-Related Factors Recorded

Crash Type	Fatal Crashes	Crashes with Driver-Related Factors Recorded			
		For Large Truck		For Passenger Vehicle	
		Number	Percent	Number	Percent
Large Truck Rear-Ending Passenger Vehicle	143	87	60.8%	85	59.4%
Passenger Vehicle Rear-Ending Large Truck	380	85	22.4%	347	91.3%
Large Truck Striking Passenger Vehicle (Other)	987	284	28.8%	788	79.8%
Passenger Vehicle Striking Large Truck (Other)	955	185	19.4%	851	89.1%
Vehicles Striking Each Other	49	11	22.4%	42	85.7%
Other Collision	35	11	31.4%	26	74.3%
Total	**2,549**	**663**	**26.0%**	**2,139**	**83.9%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

People

This chapter contains information on drivers of large trucks in fatal, injury, and property damage only crashes and on people killed or injured in large truck crashes. Some statistics are also listed for passenger vehicle drivers, to provide comparisons. It is important to note that the number of large truck drivers in crashes is not exactly equal to the number of large trucks in crashes, because no driver information is provided for some crashes. Below is a summary of some of the information presented:

- Fatalities in crashes involving large trucks made up 11 percent of all fatalities in motor vehicle crashes in 2002.
- Injuries in large truck crashes made up 4 percent of all injuries in motor vehicle crashes in 2002.
- Of the 4,508 drivers of large trucks involved in fatal crashes, 278 (about 6 percent) were 25 years of age or younger, and 118 (about 3 percent) were 66 years of age or older. In comparison, 14,688 (30 percent) of the 48,399 drivers of passenger vehicles in fatal crashes were 25 years of age or younger, and 2,743 (about 6 percent) were 66 years of age or older.
- About 3 percent of all the drivers of large trucks involved in fatal crashes were female, as compared with 30 percent of all drivers of passenger vehicles involved in fatal crashes.
- One or more driver-related factors were recorded for 73 percent of the drivers of large trucks involved in single-vehicle fatal crashes but for only 31 percent of the drivers of large trucks involved in multiple-vehicle fatal crashes.
- Of the 4,508 drivers of large trucks involved in fatal crashes, 759 (17 percent) were not wearing a safety belt at the time of the crash; of those, 21 percent were completely or partially ejected from the vehicle.

Table 47. Persons Killed and Injured in Crashes Involving Large Trucks

Person Type	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
Persons Killed						
Driver of Large Truck	372	49.2%	216	5.2%	**588**	**12.0%**
Driver of Other Motor Vehicle	0	0.0%	2,832	68.4%	**2,832**	**57.8%**
Passenger of Large Truck in Transport	74	9.8%	21	0.5%	**95**	**1.9%**
Passenger of Other Motor Vehicle in Transport	0	0.0%	1,017	24.6%	**1,017**	**20.8%**
Occupant of Motor Vehicle Not in Transport	11	1.5%	1	*	**12**	**0.2%**
Occupant of Non-Motor Vehicle Transport Device	1	0.1%	0	0.0%	**1**	*****
Pedestrian	227	30.0%	48	1.2%	**275**	**5.6%**
Bicyclist	64	8.5%	2	*	**66**	**1.3%**
Other Cyclist	0	0.0%	0	0.0%	**0**	**0.0%**
Other Pedestrian	6	0.8%	0	0.0%	**6**	**0.1%**
Unknown Occupant Type in Motor Vehicle in Transport	1	0.1%	4	0.1%	**5**	**0.1%**
Total	**756**	**100.0%**	**4,141**	**100.0%**	**4,897**	**100.0%**
Persons Injured						
Driver	10,000	62.9%	81,000	71.1%	**91,000**	**70.1%**
Passenger of Motor Vehicle in Transport	2,000	14.4%	33,000	28.7%	**35,000**	**27.0%**
Occupant of Motor Vehicle Not in Transport	*	2.0%	*	0.1%	*****	**0.3%**
Occupant of a Non-Motor Vehicle Transport Device	*	0.1%	*	*	*****	*****
Pedestrian	3,000	15.7%	*	0.1%	**3,000**	**2.0%**
Bicyclist	1,000	4.8%	*	*	**1,000**	**0.6%**
Total	**16,000**	**100.0%**	**114,000**	**100.0%**	**130,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Persons Killed: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).
Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 48. Persons Killed in Crashes Involving Large Trucks by Age and Sex

Age Group (Years)	Male		Female		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
17 and under	258	7.6%	176	11.7%	0	0.0%	**434**	**8.9%**
18 - 25	621	18.3%	265	17.6%	0	0.0%	**886**	**18.1%**
26 - 35	515	15.2%	188	12.5%	0	0.0%	**703**	**14.4%**
36 - 45	616	18.1%	226	15.0%	0	0.0%	**842**	**17.2%**
46 - 55	510	15.0%	204	13.6%	0	0.0%	**714**	**14.6%**
56 - 65	337	9.9%	135	9.0%	0	0.0%	**472**	**9.6%**
66 - 75	247	7.3%	157	10.5%	0	0.0%	**404**	**8.2%**
76 and over	280	8.2%	149	9.9%	0	0.0%	**429**	**8.8%**
Unknown	10	0.3%	2	0.1%	1	100.0%	**13**	**0.3%**
Total	**3,394**	**100.0%**	**1,502**	**100.0%**	**1**	**100.0%**	4,897	100.0%

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 49. Persons Killed in Crashes Involving Passenger Vehicles by Age and Sex

Age Group (Years)	Male		Female		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
17 and under	2,712	10.3%	1,804	13.9%	2	16.7%	**4,518**	**11.5%**
18 - 25	6,382	24.3%	2,330	18.0%	1	8.3%	**8,713**	**22.2%**
26 - 35	4,345	16.6%	1,587	12.3%	0	0.0%	**5,932**	**15.1%**
36 - 45	4,131	15.8%	1,924	14.9%	1	8.3%	**6,056**	**15.5%**
46 - 55	3,216	12.3%	1,526	11.8%	0	0.0%	**4,742**	**12.1%**
56 - 65	1,930	7.4%	1,093	8.4%	0	0.0%	**3,023**	**7.7%**
66 - 75	1,571	6.0%	1,109	8.6%	1	8.3%	**2,681**	**6.8%**
76 and over	1,839	7.0%	1,535	11.9%	1	8.3%	**3,375**	**8.6%**
Unknown	101	0.4%	27	0.2%	6	50.0%	**134**	**0.3%**
Total	**26,227**	**100.0%**	**12,935**	**100.0%**	**12**	**100.0%**	39,174	100.0%

Note: A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 50. Persons Injured in Crashes Involving Large Trucks by Age and Sex

Age Group (Years)	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
17 and under	5,000	6.6%	8,000	14.4%	**13,000**	**9.9%**
18 - 25	17,000	22.8%	9,000	17.6%	**27,000**	**20.6%**
26 - 35	15,000	20.1%	10,000	18.8%	**25,000**	**19.5%**
36 - 45	16,000	20.9%	9,000	17.0%	**25,000**	**19.3%**
46 - 55	12,000	16.1%	8,000	15.4%	**21,000**	**15.8%**
56 - 65	6,000	7.5%	5,000	8.5%	**10,000**	**7.9%**
66 - 75	3,000	3.9%	2,000	3.7%	**5,000**	**3.8%**
76 and over	2,000	2.1%	2,000	4.6%	**4,000**	**3.1%**
Total	**76,000**	**100.0%**	**54,000**	**100.0%**	**130,000**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 51. Persons Injured in Crashes Involving Passenger Vehicles by Age and Sex

Age Group (Years)	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
17 and under	227,000	16.9%	264,000	17.4%	**491,000**	**17.2%**
18 - 25	338,000	25.1%	336,000	22.1%	**674,000**	**23.5%**
26 - 35	245,000	18.2%	263,000	17.4%	**508,000**	**17.7%**
36 - 45	211,000	15.7%	251,000	16.5%	**462,000**	**16.1%**
46 - 55	150,000	11.1%	185,000	12.2%	**335,000**	**11.7%**
56 - 65	86,000	6.4%	107,000	7.0%	**192,000**	**6.7%**
66 - 75	53,000	3.9%	62,000	4.1%	**115,000**	**4.0%**
76 and over	38,000	2.8%	48,000	3.2%	**86,000**	**3.0%**
Total	**1,348,000**	**100.0%**	**1,515,000**	**100.0%**	**2,863,000**	**100.0%**

Note: A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles).
Source: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 52. Persons Killed and Injured in Crashes Involving Large Trucks by Time of Day

Time of Day	Persons Killed		Persons Injured	
	Number	Percent	Number	Percent
12am - 3am	403	8.2%	7,000	5.6%
3am - 6am	425	8.7%	5,000	3.9%
6am - 9am	739	15.1%	17,000	13.0%
9am - 12pm	856	17.5%	23,000	18.0%
12pm - 3pm	947	19.3%	30,000	22.9%
3pm - 6pm	732	14.9%	26,000	20.1%
6pm - 9pm	423	8.6%	14,000	10.6%
9pm - 12am	370	7.6%	8,000	5.9%
Unknown	2	*		
Daytime (6am - 6pm)	*3,274*	*66.9%*	*96,000*	*74.0%*
Nighttime (6pm - 6am)	*1,621*	*33.1%*	*34,000*	*26.0%*
Total	**4,897**	**100.0%**	**130,000**	**100.0%**

*Less than 0.05 percent.
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Persons Killed: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).
Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 53. Drivers of Large Trucks in Crashes by Age, Sex, and Crash Severity

Age Group (Years)	Male		Female		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes								
25 and Under	276	6.3%	2	1.6%	0	0.0%	**278**	**6.2%**
26 - 35	1,003	22.9%	32	26.2%	0	0.0%	**1,035**	**23.0%**
36 - 45	1,334	30.5%	45	36.9%	0	0.0%	**1,379**	**30.6%**
46 - 55	1,052	24.1%	31	25.4%	0	0.0%	**1,083**	**24.0%**
56 - 65	568	13.0%	12	9.8%	0	0.0%	**580**	**12.9%**
66 - 75	118	2.7%	0	0.0%	0	0.0%	**118**	**2.6%**
76 and Over	16	0.4%	0	0.0%	0	0.0%	**16**	**0.4%**
Unknown	6	0.1%	0	0.0%	13	100.0%	**19**	**0.4%**
Total	**4,373**	**100.0%**	**122**	**100.0%**	**13**	**100.0%**	4,508	**100.0%**
Injury Crashes								
25 and Under	13,000	14.9%	*	11.9%			**14,000**	**14.8%**
26 - 35	22,000	24.4%	1,000	31.0%			**23,000**	**24.7%**
36 - 45	25,000	28.2%	1,000	34.7%			**27,000**	**28.5%**
46 - 55	19,000	20.7%	1,000	15.5%			**19,000**	**20.5%**
56 - 65	8,000	9.2%	*	6.9%			**9,000**	**9.1%**
66 - 75	2,000	2.4%	*	*			**2,000**	**2.3%**
76 and Over	*	0.1%	*	*			*****	**0.1%**
Total	**90,000**	**100.0%**	**4,000**	**100.0%**			94,000	**100.0%**
Property Damage Only Crashes								
25 and Under	54,000	17.9%	15,000	53.8%			**70,000**	**20.9%**
26 - 35	75,000	24.6%	6,000	21.0%			**81,000**	**24.3%**
36 - 45	87,000	28.5%	4,000	13.7%			**90,000**	**27.2%**
46 - 55	55,000	18.1%	2,000	7.6%			**57,000**	**17.2%**
56 - 65	26,000	8.7%	*	1.4%			**27,000**	**8.0%**
66 - 75	5,000	1.8%	*	1.3%			**6,000**	**1.8%**
76 and Over	1,000	0.4%	*	1.3%			**2,000**	**0.5%**
Total	**304,000**	**100.0%**	**28,000**	**100.0%**			332,000	**100.0%**

*Less than 500.
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 54. Drivers of Passenger Vehicles in Crashes by Age, Sex, and Crash Severity

Age Group (Years)	Male		Female		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes								
25 and Under	10,535	31.4%	4,153	28.7%	0	0.0%	**14,688**	**30.4%**
26 - 35	6,566	19.6%	2,614	18.1%	0	0.0%	**9,180**	**19.0%**
36 - 45	5,778	17.2%	2,687	18.6%	1	0.3%	**8,466**	**17.5%**
46 - 55	4,246	12.6%	1,999	13.8%	0	0.0%	**6,245**	**12.9%**
56 - 65	2,618	7.8%	1,147	7.9%	0	0.0%	**3,765**	**7.8%**
66 - 75	1,829	5.4%	914	6.3%	0	0.0%	**2,743**	**5.7%**
76 and Over	1,866	5.6%	953	6.6%	1	0.3%	**2,820**	**5.8%**
Unknown	128	0.4%	12	0.1%	292	99.3%	**432**	**0.9%**
Total	**33,566**	**100.0%**	**14,479**	**100.0%**	**294**	**100.0%**	**48,339**	**100.0%**
Injury Crashes								
25 and Under	596,000	32.0%	451,000	30.6%			**1,047,000**	**31.4%**
26 - 35	367,000	19.7%	302,000	20.5%			**670,000**	**20.1%**
36 - 45	354,000	19.0%	302,000	20.5%			**656,000**	**19.6%**
46 - 55	250,000	13.4%	206,000	14.0%			**457,000**	**13.7%**
56 - 65	146,000	7.9%	111,000	7.5%			**257,000**	**7.7%**
66 - 75	91,000	4.9%	59,000	4.0%			**150,000**	**4.5%**
76 and Over	60,000	3.2%	42,000	2.9%			**102,000**	**3.1%**
Total	**1,865,000**	**100.0%**	**1,473,000**	**100.0%**			**3,338,000**	**100.0%**
Property Damage Only Crashes								
25 and Under	1,384,000	33.1%	966,000	32.3%			**2,350,000**	**32.8%**
26 - 35	844,000	20.2%	611,000	20.4%			**1,455,000**	**20.3%**
36 - 45	785,000	18.8%	601,000	20.1%			**1,386,000**	**19.3%**
46 - 55	583,000	14.0%	423,000	14.1%			**1,006,000**	**14.0%**
56 - 65	304,000	7.3%	193,000	6.5%			**497,000**	**6.9%**
66 - 75	174,000	4.2%	115,000	3.8%			**289,000**	**4.0%**
76 and Over	106,000	2.5%	82,000	2.8%			**189,000**	**2.6%**
Total	**4,181,000**	**100.0%**	**2,991,000**	**100.0%**			**7,173,000**	**100.0%**

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Injury and Property Damage Only Crashes: National Highway Traffic Safety Administration, General Estimates System (GES).

Table 55. Drivers of Large Trucks in Fatal Crashes by Restraint Use and Ejection from the Vehicle

Restraint Use	Ejection from the Vehicle								Total	
	Not Ejected		Totally Ejected		Partially Ejected		Unknown			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None	602	14.0%	117	81.3%	39	68.4%	1	9.1%	**759**	**16.8%**
Shoulder Belt	12	0.3%	0	0.0%	0	0.0%	0	0.0%	**12**	**0.3%**
Lap Belt	248	5.8%	0	0.0%	2	3.5%	0	0.0%	**250**	**5.5%**
Lap and Shoulder	2,919	67.9%	4	2.8%	11	19.3%	0	0.0%	**2,934**	**65.1%**
Type Unknown	174	4.1%	0	0.0%	0	0.0%	0	0.0%	**174**	**3.9%**
Used Improperly	2	*	0	0.0%	0	0.0%	1	9.1%	**3**	**0.1%**
Unknown	339	7.9%	23	16.0%	5	8.8%	9	81.8%	**376**	**8.3%**
Total	**4,296**	**100.0%**	**144**	**100.0%**	**57**	**100.0%**	**11**	**100.0%**	**4,508**	**100.0%**

*Less than 0.05 percent.
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 56. Drivers of Large Trucks in Fatal Crashes by Commercial Drivers License (CDL) Status and License Compliance

CDL Status	Number	Percent	License Compliance	Number	Percent
Valid	3,941	87.4%	Valid License for Class of Vehicle	4,188	92.9%
No CDL	361	8.0%	Not Licensed	11	0.2%
Suspended	32	0.7%	No License Required for Class of Vehicle	1	*
Revoked, Expired, Canceled	26	0.6%	No Valid License for Class of Vehicle	149	3.3%
Other Not Valid	18	0.4%	Unknown if Required for Class of Vehicle	26	0.6%
Unknown	130	2.9%	Unknown	133	3.0%
Total	**4,508**	**100.0%**	**Total**	**4,508**	**100.0%**

*Less than 0.05 percent.
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Sources: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Table 57. Drivers of Large Trucks in Fatal Crashes by Driver-Related Factors and Violations Recorded

Driver-Related Factors	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
Driving too fast for conditions or in excess of posted speed limit	133	18.4%	212	5.6%	**345**	**7.7%**
Running off road	244	33.8%	86	2.3%	**330**	**7.3%**
Failure to keep in proper lane	60	8.3%	170	4.5%	**230**	**5.1%**
Failure to yield right of way	41	5.7%	145	3.8%	**186**	**4.1%**
Inattentive (talking, eating, etc.)	63	8.7%	120	3.2%	**183**	**4.1%**
Erratic or reckless driving	43	6.0%	103	2.7%	**146**	**3.2%**
Failure to obey traffic signs	14	1.9%	89	2.4%	**103**	**2.3%**
Vision obscured by weather	3	0.4%	74	2.0%	**77**	**1.7%**
Other non-moving traffic violation	13	1.8%	59	1.6%	**72**	**1.6%**
Following improperly	1	0.1%	70	1.8%	**71**	**1.6%**
Drowsy, fatigued	43	6.0%	28	0.7%	**71**	**1.6%**
Operating without required equipment	31	4.3%	39	1.0%	**70**	**1.6%**
Non-traffic violation charged (manslaughter or other homicide offense)	4	0.6%	50	1.3%	**54**	**1.2%**
Making improper turn	20	2.8%	30	0.8%	**50**	**1.1%**
Overcorrecting	39	5.4%	9	0.2%	**48**	**1.1%**
Swerving to avoid vehicle in road	6	0.8%	41	1.1%	**47**	**1.0%**
Stopped in roadway	1	0.1%	32	0.8%	**33**	**0.7%**
Starting/backing improperly	8	1.1%	16	0.4%	**24**	**0.5%**
Vision obscured by obstructing angles on vehicle	12	1.7%	0	0.0%	**12**	**0.3%**
Driver-Related Factor(s) Recorded	527	73.1%	1,179	31.1%	**1,706**	**37.8%**
No Driver-Related Factors Recorded	194	26.9%	2,608	68.9%	**2,802**	**62.2%**
Total	**721**	**100.0%**	**3,787**	**100.0%**	4,508	100.0%
Violation(s) Recorded	61	8.5%	426	11.2%	**487**	**10.8%**
No Violations Recorded	660	91.5%	3,361	88.8%	**4,021**	**89.2%**
Total	**721**	**100.0%**	**3,787**	**100.0%**	4,508	100.0%

Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

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