U.S. Department of Transportation

LARGE TRUCK AND BUS CRASH FACTS 2013

Federal Motor Carrier Safety Administration
Analysis Division

April 2015

[This page intentionally left blank.]

FMCSA-RRA-15-004

U.S. Department of Transportation
Federal Motor Carrier Safety Administration
Analysis Division

LARGE TRUCK AND BUS CRASH FACTS 2013

April 2015

Analysis Division
Federal Motor Carrier Safety Administration

For more information, contact the Analysis Division at (202) 366-4869, or visit our Web sites at www.fmcsa.dot.gov and ai.fmcsa.dot.gov.

[This page intentionally left blank.]

Contents

Tables

Trends

Tables (Continued)

Trends (Continued)

Crashes

Tables (Continued)

Crashes (Continued)

Vehicles

Tables (Continued)

Vehicles (Continued)

People

Tables (Continued)

People (Continued)

Figures

Introduction

This annual edition of *Large Truck and Bus Crash Facts* contains descriptive statistics about fatal, injury, and property damage only crashes involving large trucks and buses in 2013. 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) greater than 10,000 pounds. A bus is defined in FARS as any motor vehicle designed primarily to transport nine or more persons, including the driver. The 2013 FARS data are considered preliminary for one year. This additional time provides the opportunity for submission of important variable data requiring outside sources, which may lead to changes in the final counts. The updated final counts for 2012 are reflected in this report. Updated final counts for 2013 will be reflected in the 2014 annual report. For more information on FARS, go to www.nhtsa.gov/FARS.

- **General Estimates System (GES).** GES, also maintained by NHTSA, is a probability-based nationally representative sample of 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. Because GES is a sample of motor vehicle crashes, the results generated are estimates rounded to the nearest one thousand; however, associated percentages and rates are based on the unrounded data. The GES definitions of a large truck and a bus are the same as the FARS definitions. For more information on GES, go to www.nhtsa.gov/NASS.

- **Motor Carrier Management Information System (MCMIS) Crash File.** The MCMIS Crash File, maintained by FMCSA, contains data on trucks and buses in crashes that meet the SAFETYNET recommended threshold. A SAFETYNET reportable crash must involve a truck, used for commercial purposes, with a GVWR or gross combination weight rating greater than 10,000 pounds; a commercial bus designed to transport nine or more persons, including the driver; or any vehicle carrying hazardous material that requires placarding, regardless of the vehicle's weight. The crash must result in at least one fatality, at least one injury involving immediate medical attention away from the crash scene, or at least one vehicle disabled as a result of the crash and transported away from the crash scene. 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; however, some States do not report all FMCSA-eligible crashes, and some report more than those that are eligible. FMCSA continues to work with the States to improve data quality and reporting of eligible large truck and bus crashes to the MCMIS crash file.

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 (VMT) and vehicle registrations from Table VM-1 of *Highway Statistics*, "Annual Vehicle Distance Traveled in Miles and Related Data." Readers are warned to be careful of crash rate data based on the VMT numbers from FHWA. Beginning with data for 2007, FHWA implemented an enhanced

methodology for estimating registered vehicles and VMT by vehicle type. The new methodology did not change the total VMT, but it did make a large difference in the number of miles traveled attributed to large trucks and buses. As a result, it would be misleading to cite large truck and bus data trends that encompassed both the years before 2007 and the years following. For more information on VMT data, go to www.fhwa.dot.gov/policyinformation/statistics/2013.

Organization of the Report

The report is organized into four chapters: Trends, Crashes, Vehicles, and People. The Trends chapter shows data for 2013 in the context of available historical data for past years. In the other chapters, the 2013 data are shown in different ways, according to what is being counted. Three-year trends in fatal crashes are presented for historical perspective when appropriate. 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.

Note: Data Revisions

The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.

Trends

The tables in this chapter present crash statistics for large trucks and buses over time. Fatal crash statistics generally are available from 1975, the first year of FARS data, through 2013. In some cases, such as for roadway function class or alcohol involvement, data are available only from 1981 or 1982 through 2013. Nonfatal crash statistics are presented for 1993 through 2013. 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:

- In 2013, 4,186 large trucks and buses were involved in fatal crashes, a 3-percent increase from 2012. From 2012 to 2013, large truck and bus fatalities per 100 million vehicle miles traveled by all motor vehicles remained steady at 0.142.
- Over the past 10 years (2003 through 2013):
  - The number of large trucks involved in fatal crashes decreased from 4,721 to 3,906, a drop of 17 percent.
  - The number of large trucks involved in injury crashes decreased from 89,000 to 73,000, a drop of 18 percent.
  - The number of large trucks involved in property damage only crashes decreased from 363,000 to 265,000, a drop of 27 percent.
  - The number of buses involved in fatal crashes decreased from 291 to 280, a decrease of 4 percent.
  - On average, intercity buses accounted for 13 percent, and school buses and transit buses accounted for 41 percent and 33 percent, respectively, of all buses involved in fatal crashes.
- Over the past year (from 2012 to 2013):
  - The number of large trucks involved in fatal crashes increased by 2 percent, from 3,825 to 3,906, and the vehicle involvement rate for large trucks in fatal crashes (vehicles involved in fatal crashes per 100 million miles traveled by large trucks) remained steady at 1.42.
  - The number of large trucks involved in injury crashes decreased by 5 percent, from 77,000 to 73,000, and the vehicle involvement rate for large trucks in injury crashes decreased by 7 percent.
  - The number of large trucks involved in property damage only crashes increased by 5 percent, from 253,000 to 265,000, and the vehicle involvement rate for large trucks in property damage only crashes also increased by 3 percent.
  - The number of buses involved in fatal crashes increased from 253 to 280, an increase of 11 percent, and the vehicle involvement rate for buses in fatal crashes increased by 8 percent.
  - Vehicle miles traveled (VMT) by large trucks increased by 2.2 percent, and bus VMT increased by 2.6 percent.

Note: Data Revisions

The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.

Trends Table 1. Large Truck and Bus Fatal Crash Statistics, 1975-2013

Year	Fatal Crashes Involving Large Trucks or Buses	Large Trucks and Buses Involved in Fatal Crashes	Large Truck and Bus Occupant Fatalities	Total Fatalities in Large Truck and Bus Crashes	Million Vehicle Miles Traveled by All Motor Vehicles	Rates per 100 Million Vehicle Miles Traveled by All Motor Vehicles			Large Trucks and Buses Registered
						Fatal Crashes Involving Large Trucks or Buses	Large Trucks and Buses Involved in Fatal Crashes	Fatalities in Large Truck and Bus Crashes	
1975	4,032	4,304	1,014	4,816	1,327,664	0.304	0.324	0.363	5,824,525
1976	4,489	4,754	1,205	5,379	1,402,380	0.320	0.339	0.384	6,053,524
1977	5,149	5,485	1,329	6,054	1,467,027	0.351	0.374	0.413	6,180,664
1978	5,758	6,131	1,436	6,740	1,544,704	0.373	0.397	0.436	6,365,161
1979	6,007	6,431	1,471	7,054	1,529,133	0.393	0.421	0.461	6,418,336
1980	5,353	5,709	1,308	6,333	1,527,295	0.350	0.374	0.415	6,319,442
1981	5,253	5,572	1,189	6,178	1,555,308	0.338	0.358	0.397	6,260,262
1982	4,668	4,935	979	5,525	1,595,010	0.293	0.309	0.346	6,149,615
1983	4,903	5,184	1,035	5,815	1,652,788	0.297	0.314	0.352	6,091,276
1984	5,136	5,444	1,120	5,983	1,720,269	0.299	0.316	0.348	5,984,746
1985	5,153	5,490	1,034	6,089	1,774,826	0.290	0.309	0.343	6,589,822
1986	5,055	5,383	965	5,895	1,834,872	0.275	0.293	0.321	6,314,733
1987	5,146	5,461	903	5,978	1,921,204	0.268	0.284	0.311	6,320,321
1988	5,156	5,528	965	6,004	2,025,962	0.254	0.273	0.296	6,752,553
1989	4,971	5,295	908	5,819	2,096,487	0.237	0.253	0.278	6,851,522
1990	4,790	5,065	737	5,590	2,144,362	0.223	0.236	0.261	6,822,863
1991	4,355	4,621	692	5,107	2,172,050	0.201	0.213	0.235	6,803,425
1992	4,098	4,320	613	4,767	2,247,151	0.182	0.192	0.212	6,689,937
1993	4,351	4,591	623	5,124	2,296,378	0.189	0.200	0.223	6,742,587
1994	4,617	4,902	688	5,412	2,357,588	0.196	0.208	0.230	7,258,308
1995	4,456	4,743	681	5,214	2,422,696	0.184	0.196	0.215	7,404,924
1996	4,723	5,081	642	5,489	2,485,848	0.190	0.204	0.221	7,707,396
1997	4,888	5,214	741	5,709	2,561,695	0.191	0.204	0.223	7,780,874
1998	4,857	5,244	780	5,712	2,631,522	0.185	0.199	0.217	8,447,810
1999	4,854	5,239	818	5,727	2,691,056	0.180	0.195	0.213	8,520,203
2000	4,881	5,320	776	5,620	2,746,925	0.178	0.194	0.205	8,768,774
2001	4,723	5,115	742	5,417	2,795,610	0.169	0.183	0.194	8,607,223
2002	4,486	4,861	734	5,241	2,855,508	0.157	0.170	0.184	8,687,997
2003	4,609	5,012	767	5,343	2,890,221	0.159	0.173	0.185	8,533,438
2004	4,734	5,181	808	5,519	2,964,788	0.160	0.175	0.186	8,966,638
2005	4,805	5,231	862	5,539	2,989,430	0.161	0.175	0.185	9,289,052
2006	4,643	5,071	832	5,347	3,014,371	0.154	0.168	0.177	9,640,966
2007	4,472	4,914	841	5,116	3,031,124	0.148	0.162	0.169	11,586,455
2008	3,994	4,340	749	4,545	2,976,528	0.134	0.146	0.153	11,716,583
2009	3,193	3,432	525	3,619	2,956,764	0.108	0.116	0.122	11,815,207
2010	3,512	3,745	574	3,957	2,967,266	0.118	0.126	0.133	11,616,105
2011	3,593	3,878	695	4,043	2,950,402	0.122	0.131	0.137	10,936,757
2012	3,726	4,078	736	4,208	2,969,433	0.125	0.137	0.142	11,423,889
2013	3,806	4,186	739	4,251	2,988,323	0.127	0.140	0.142	11,461,905

Notes: 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 any motor vehicle designed primarily to transport nine or more persons, including the driver. Rates are calculated on the basis of vehicle miles traveled by all motor vehicles (large trucks, buses, passenger vehicles, and motorcycles). The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Table 2. Large Truck and Bus Injury Crash Statistics, 1993-2013

Year	Injury Crashes Involving Large Trucks or Buses	Large Trucks and Buses Involved in Injury Crashes	Persons Injured in Large Truck and Bus Crashes	Million Vehicle Miles Traveled by All Motor Vehicles	Rates per 100 Million Vehicle Miles Traveled by All Motor Vehicles			Large Trucks and Buses Registered
					Injury Crashes Involving Large Trucks or Buses	Large Trucks and Buses Involved in Injury Crashes	Persons Injured in Large Truck and Bus Crashes	
1993	106,000	111,000	160,000	2,296,378	4.62	4.82	6.99	6,742,587
1994	104,000	110,000	160,000	2,357,588	4.41	4.64	6.81	7,258,307
1995	94,000	98,000	148,000	2,422,696	3.87	4.05	6.10	7,404,923
1996	104,000	109,000	163,000	2,485,848	4.17	4.39	6.54	7,707,396
1997	104,000	108,000	157,000	2,561,695	4.06	4.22	6.12	7,780,874
1998	98,000	101,000	156,000	2,631,522	3.71	3.85	5.91	8,447,810
1999	109,000	115,000	176,000	2,691,056	4.04	4.28	6.53	8,520,203
2000	108,000	114,000	166,000	2,746,925	3.94	4.14	6.04	8,768,774
2001	96,000	101,000	153,000	2,795,610	3.45	3.63	5.49	8,607,223
2002	102,000	107,000	158,000	2,855,508	3.56	3.74	5.52	8,687,997
2003	97,000	103,000	150,000	2,890,221	3.37	3.55	5.21	8,533,438
2004	95,000	100,000	145,000	2,964,788	3.22	3.36	4.88	8,966,638
2005	89,000	95,000	136,000	2,989,430	2.98	3.17	4.56	9,289,052
2006	87,000	91,000	126,000	3,014,371	2.88	3.02	4.17	9,640,966
2007	82,000	86,000	124,000	3,031,124	2.72	2.85	4.09	11,586,455
2008	74,000	77,000	113,000	2,976,528	2.50	2.59	3.81	11,716,583
2009	60,000	63,000	93,000	2,956,764	2.03	2.14	3.15	11,815,207
2010	67,000	70,000	106,000	2,967,266	2.25	2.35	3.58	11,616,105
2011	73,000	76,000	112,000	2,950,402	2.49	2.58	3.78	10,936,757
2012	85,000	89,000	126,000	2,969,433	2.85	3.00	4.25	11,423,889
2013	86,000	91,000	133,000	2,988,323	2.89	3.04	4.44	11,461,905

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 bus is defined as any motor vehicle designed primarily to transport nine or more persons, including the driver. Rates are calculated on the basis of vehicle miles traveled by all motor vehicles (large trucks, buses, passenger vehicles, and motorcycles) and are based on unrounded GES data. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Injury Crashes, Vehicles Involved, and Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 3. Large Truck and Bus Property Damage Only (PDO) Crash Statistics, 1993-2013

Year	PDO Crashes Involving Large Trucks or Buses	Large Trucks and Buses Involved in PDO Crashes	Million Vehicle Miles Traveled by All Motor Vehicles	Rates per Million Vehicle Miles Traveled by All Motor Vehicles		Large Trucks and Buses Registered
				PDO Crashes Involving Large Trucks or Buses	Large Trucks and Buses Involved in PDO Crashes	
1993	321,000	333,000	2,296,378	14.0	14.5	6,742,587
1994	390,000	402,000	2,357,588	16.6	17.1	7,258,307
1995	322,000	334,000	2,422,696	13.3	13.8	7,404,923
1996	325,000	337,000	2,485,848	13.1	13.6	7,707,396
1997	363,000	378,000	2,561,695	14.2	14.7	7,780,874
1998	341,000	359,000	2,631,522	13.0	13.6	8,447,810
1999	396,000	417,000	2,691,056	14.7	15.5	8,520,203
2000	378,000	394,000	2,746,925	13.8	14.3	8,768,774
2001	360,000	377,000	2,795,610	12.9	13.5	8,607,223
2002	366,000	381,000	2,855,508	12.8	13.3	8,687,997
2003	389,000	407,000	2,890,221	13.5	14.1	8,533,438
2004	349,000	364,000	2,964,788	11.8	12.3	8,966,638
2005	377,000	393,000	2,989,430	12.6	13.1	9,289,052
2006	324,000	340,000	3,014,371	10.7	11.3	9,640,966
2007	360,000	379,000	3,031,124	11.9	12.5	11,586,455
2008	342,000	358,000	2,976,528	11.5	12.0	11,716,583
2009	278,000	287,000	2,956,764	9.4	9.7	11,815,207
2010	247,000	256,000	2,967,266	8.3	8.6	11,616,105
2011	252,000	265,000	2,950,402	8.5	9.0	10,936,757
2012	282,000	295,000	2,969,433	9.5	9.9	11,423,889
2013	299,000	313,000	2,988,323	10.0	10.5	11,461,905

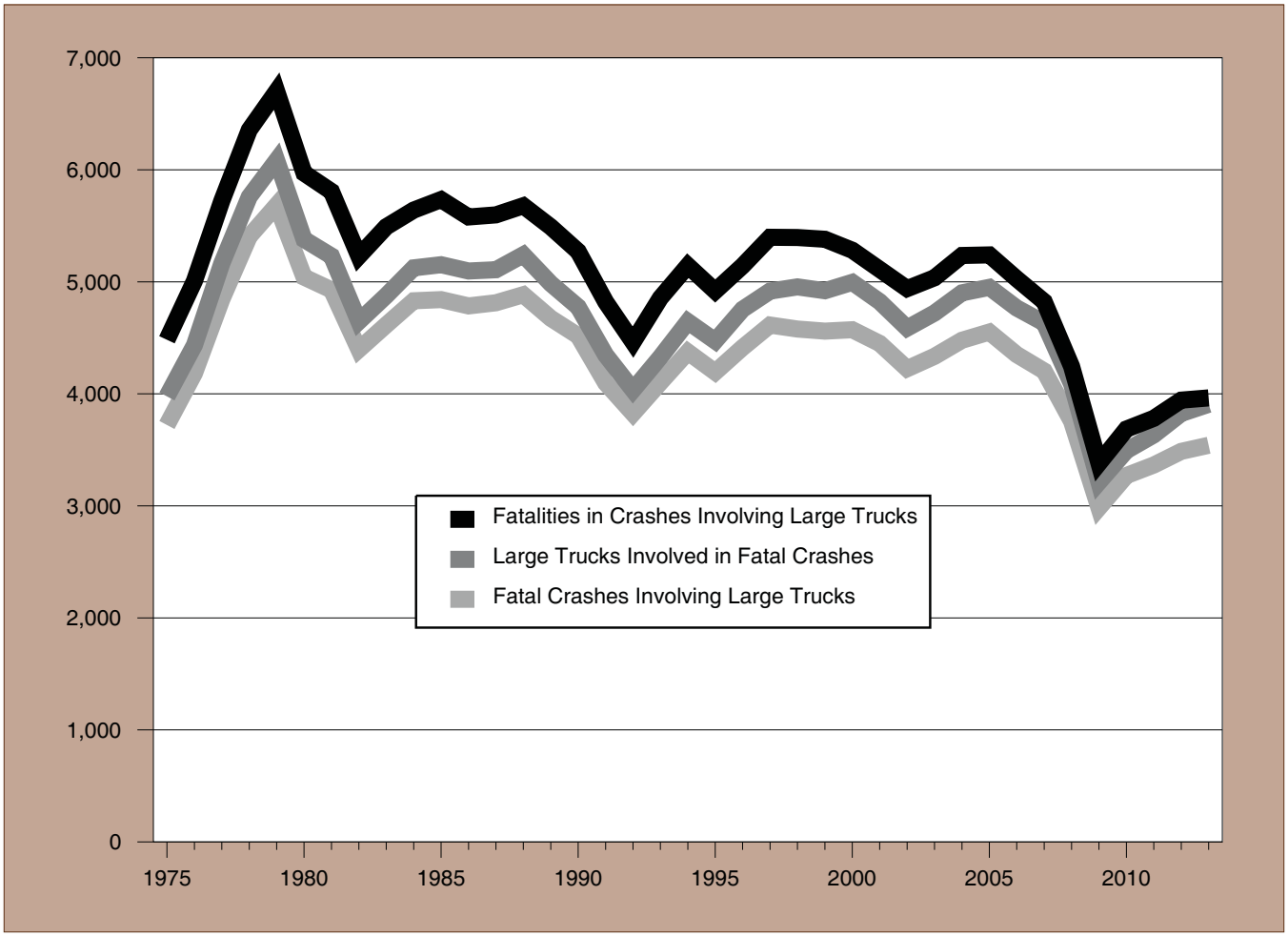
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. A bus is defined as any motor vehicle designed primarily to transport nine or more persons, including the driver. Rates are calculated on the basis of vehicle miles traveled by all motor vehicles (large trucks, buses, passenger vehicles, and motorcycles) and are based on unrounded GES data. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 4. Large Truck Fatal Crash Statistics, 1975-2013

Year	Fatal Crashes Involving Large Trucks	Large Trucks Involved in Fatal Crashes	Large Truck Occupant Fatalities	Total Fatalities in Large Truck Crashes	Million Vehicle Miles Traveled by Large Trucks	Rates per 100 Million Vehicle Miles Traveled by Large Trucks			Large Trucks Registered
						Fatal Crashes Involving Large Trucks	Large Trucks Involved in Fatal Crashes	Fatalities in Large Truck Crashes	
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	208,928	2.13	2.31	2.45	7,857,675
2002	4,224	4,587	689	4,939	214,603	1.97	2.14	2.30	7,927,280
2003	4,335	4,721	726	5,036	217,876	1.99	2.17	2.31	7,756,888
2004	4,478	4,902	766	5,235	220,811	2.03	2.22	2.37	8,171,364
2005	4,551	4,951	804	5,240	222,523	2.05	2.22	2.35	8,481,999
2006	4,350	4,766	805	5,027	222,513	1.95	2.14	2.26	8,819,007
2007	4,204	4,633	805	4,822	304,178	1.38	1.52	1.59	10,752,019
2008	3,754	4,089	682	4,245	310,680	1.21	1.32	1.37	10,873,275
2009	2,983	3,211	499	3,380	288,306	1.03	1.11	1.17	10,973,214
2010	3,271	3,494	530	3,686	286,527	1.14	1.22	1.29	10,770,054
2011	3,365	3,633	640	3,781	267,594	1.26	1.36	1.41	10,270,693
2012	3,486	3,825	697	3,944	269,207	1.29	1.42	1.47	10,659,380
2013	3,541	3,906	691	3,964	275,018	1.29	1.42	1.44	10,597,356

Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Figure 1. Fatal Crashes, Vehicles in Fatal Crashes, and Fatalities in Large Truck Crashes, 1975-2013



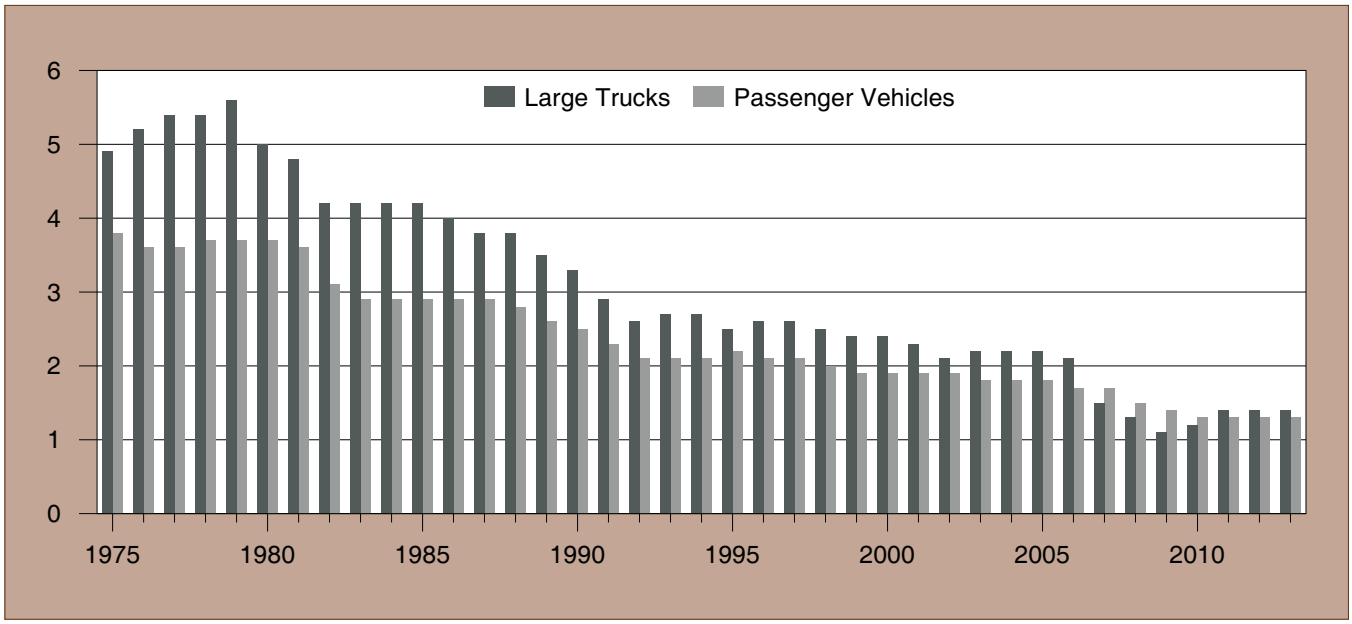
Note: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Table 5. Passenger Vehicle Fatal Crash Statistics, 1975-2013

Year	Fatal Crashes Involving Passenger Vehicles	Passenger Vehicles Involved in Fatal Crashes	Passenger Vehicle Occupant Fatalities	Total Fatalities in Passenger Vehicle Crashes	Million Vehicle Miles Traveled by Passenger Vehicles	Rates per 100 Million Vehicle Miles Traveled by Passenger Vehicles			Passenger Vehicles Registered
						Fatal Crashes Involving Passenger Vehicles	Passenger Vehicles Involved in Fatal Crashes	Fatalities in Passenger Vehicle Crashes	
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	212,706,399
2001	34,496	48,417	32,043	38,725	2,569,980	1.34	1.88	1.51	221,821,103
2002	35,123	49,042	32,843	39,514	2,624,508	1.34	1.87	1.51	220,931,982
2003	34,879	48,861	32,271	39,148	2,655,987	1.31	1.84	1.47	222,856,560
2004	34,530	48,168	31,866	38,759	2,727,054	1.27	1.77	1.42	228,275,978
2005	34,837	48,133	31,549	38,933	2,749,472	1.27	1.75	1.42	231,904,922
2006	34,204	46,671	30,686	38,140	2,773,025	1.23	1.68	1.38	234,524,720
2007	32,787	44,666	29,072	36,460	2,691,034	1.22	1.66	1.35	235,678,150
2008	29,568	39,653	25,462	32,638	2,630,213	1.12	1.51	1.24	236,448,155
2009	27,019	36,371	23,447	29,940	2,633,248	1.03	1.38	1.14	234,467,679
2010	26,349	35,295	22,273	28,957	2,648,456	0.99	1.33	1.09	230,444,440
2011	25,697	34,314	21,316	28,165	2,650,458	0.97	1.29	1.06	233,841,422
2012	26,731	35,619	21,779	29,361	2,664,060	1.00	1.34	1.10	233,760,558
2013	25,886	34,691	21,132	28,413	2,677,771	0.97	1.30	1.06	236,010,230

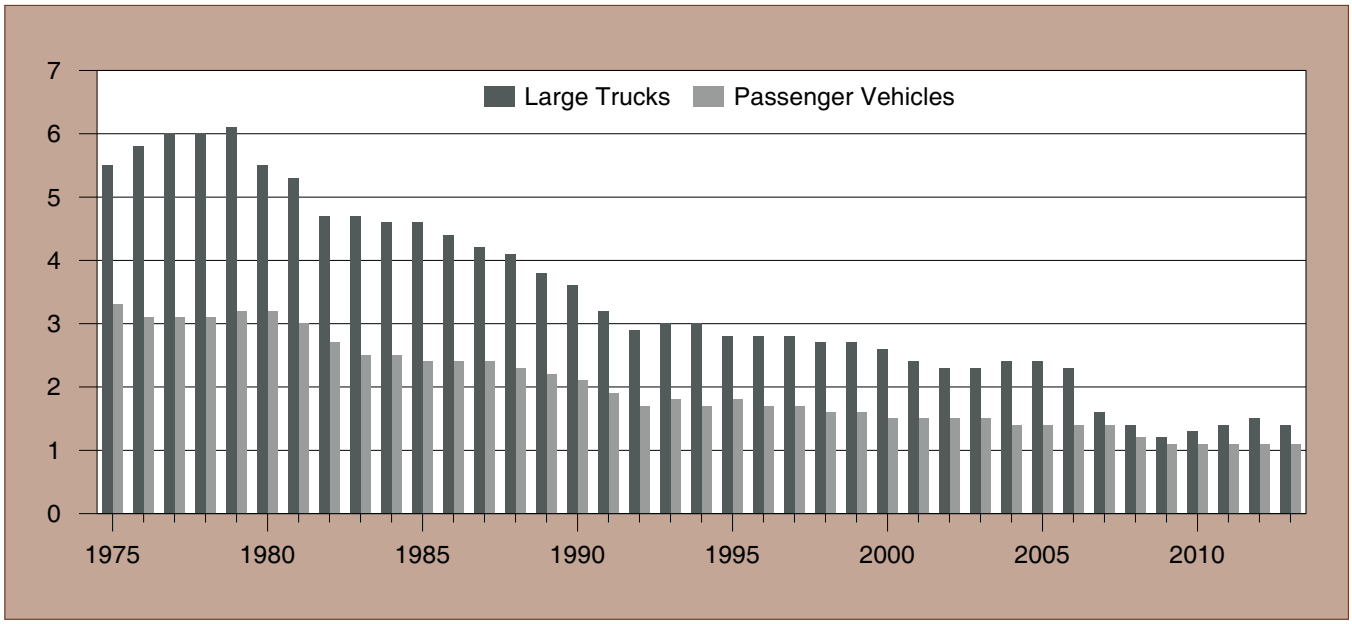
Notes: A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles). The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Figure 2. Large Trucks and Passenger Vehicles Involved in Fatal Crashes per 100 Million Vehicle Miles Traveled by Vehicle Type, 1975-2013



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). The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.
Sources: Vehicle Miles Traveled: Federal Highway Administration, *Highway Statistics 2013*. Fatal Crashes and Vehicles Involved: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Figure 3. Fatalities in Crashes Involving Large Trucks and Passenger Vehicles per 100 Million Vehicle Miles Traveled by Vehicle Type, 1975-2013



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). The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.
Sources: Vehicle Miles Traveled: Federal Highway Administration, *Highway Statistics 2013*. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Table 6. All Motor Vehicle Fatal Crash Statistics, 1975-2013

Year	All Fatal Crashes	Vehicles Involved in All Fatal Crashes	Vehicle Occupant Fatalities in All Crashes	Total Fatalities in All Crashes	Million Vehicle Miles Traveled by All Motor Vehicles	Rates per 100 Million Vehicle Miles Traveled by All Motor Vehicles			Motor Vehicles Registered
						All Fatal Crashes	Vehicles Involved in All Fatal Crashes	Fatalities in All Crashes	
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	35,695	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	225,821,241
2001	37,862	57,918	36,440	42,196	2,795,610	1.35	2.07	1.51	235,331,381
2002	38,491	58,426	37,375	43,005	2,855,508	1.35	2.05	1.51	234,624,135
2003	38,477	58,877	37,341	42,884	2,890,221	1.33	2.04	1.48	236,760,033
2004	38,444	58,729	37,304	42,836	2,964,788	1.30	1.98	1.44	243,010,550
2005	39,252	59,495	37,646	43,510	2,989,430	1.31	1.99	1.46	247,421,120
2006	38,648	58,094	36,956	42,708	3,014,371	1.28	1.93	1.42	250,844,644
2007	37,435	56,253	35,701	41,259	3,031,124	1.24	1.86	1.36	254,403,081
2008	34,172	50,660	32,103	37,423	2,976,528	1.15	1.70	1.26	255,917,664
2009	30,862	45,540	28,995	33,883	2,956,764	1.04	1.54	1.15	254,212,610
2010	30,296	44,862	27,889	32,999	2,967,266	1.02	1.51	1.11	250,070,048
2011	29,867	44,119	27,140	32,479	2,950,402	1.01	1.50	1.10	253,215,681
2012	31,006	45,960	28,003	33,782	2,969,433	1.04	1.55	1.14	253,639,386
2013	30,057	44,868	27,051	32,719	2,988,323	1.01	1.50	1.09	255,876,822

Note: The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Table 7. Large Truck Injury Crash Statistics, 1993-2013

Year	Injury Crashes Involving Large Trucks	Large Trucks Involved in Injury Crashes	Persons Injured in Large Truck Crashes	Million Vehicle Miles Traveled by Large Trucks	Rates per 100 Million Vehicle Miles Traveled by Large Trucks			Large Trucks Registered
					Injury Crashes Involving Large Trucks	Large Trucks Involved in Injury Crashes	Persons Injured in Large Truck Crashes	
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	208,928	41.0	43.0	62.5	7,857,675
2002	90,000	94,000	130,000	214,603	41.9	43.9	60.4	7,927,280
2003	85,000	89,000	122,000	217,876	38.8	40.8	56.0	7,756,888
2004	83,000	87,000	116,000	220,811	37.5	39.3	52.6	8,171,364
2005	78,000	82,000	114,000	222,523	34.8	37.0	51.2	8,481,999
2006	77,000	80,000	106,000	222,513	34.5	36.1	47.5	8,819,007
2007	72,000	76,000	101,000	304,178	23.8	24.9	33.2	10,752,019
2008	64,000	66,000	90,000	310,680	20.5	21.3	28.8	10,873,275
2009	51,000	53,000	74,000	288,306	17.8	18.5	25.6	10,973,214
2010	56,000	58,000	80,000	286,527	19.5	20.3	27.9	10,770,054
2011	60,000	63,000	88,000	267,594	22.5	23.4	32.9	10,270,693
2012	73,000	77,000	104,000	269,207	27.1	28.5	38.6	10,659,380
2013	69,000	73,000	95,000	275,018	25.1	26.6	34.6	10,597,356

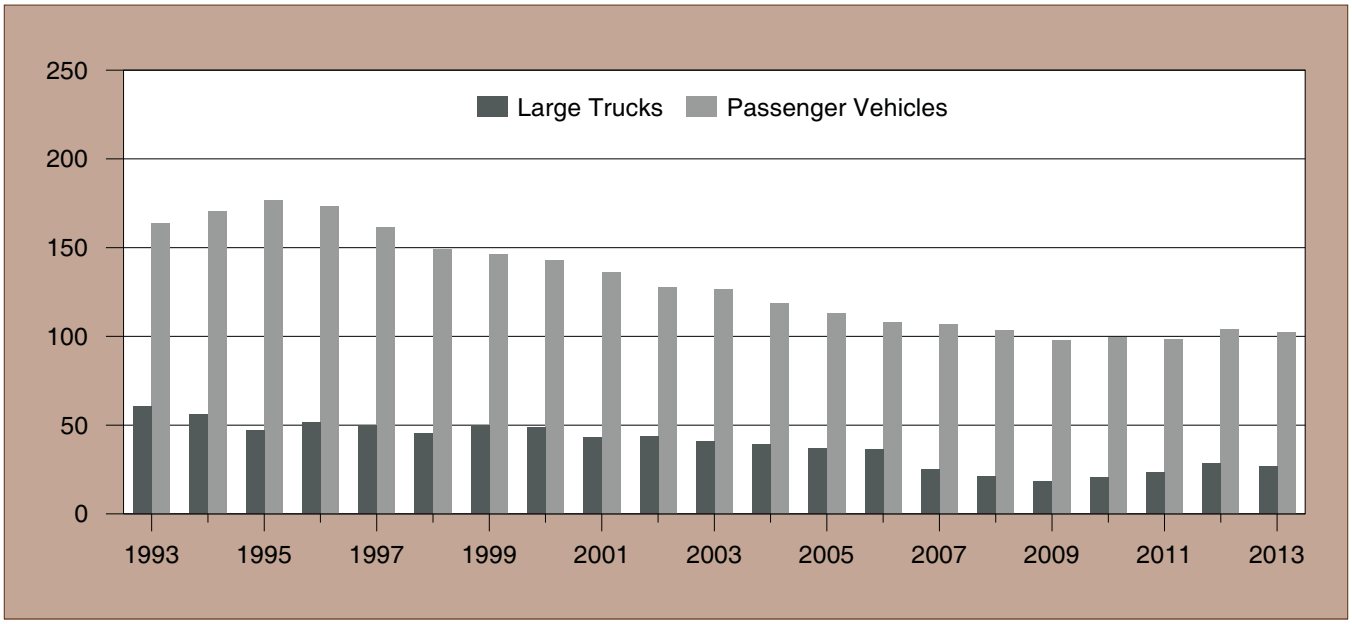
Notes: “Persons Injured” includes all nonfatally injured persons in injury and fatal crashes. A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates displayed in this table are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Injury Crashes, Vehicles Involved, and Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 8. Passenger Vehicle Injury Crash Statistics, 1993-2013

Year	Injury Crashes Involving Passenger Vehicles	Passenger Vehicles Involved in Injury Crashes	Persons Injured in Passenger Vehicle Crashes	Million Vehicle Miles Traveled by Passenger Vehicles	Rates per 100 Million Vehicle Miles Traveled by Passenger Vehicles			Passenger Vehicles Registered
					Injury Crashes Involving Passenger Vehicles	Passenger Vehicles Involved in Injury Crashes	Persons Injured in Passenger Vehicle Crashes	
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	212,706,399
2001	1,954,000	3,496,000	2,974,000	2,569,980	76.0	136.0	115.7	221,821,103
2002	1,877,000	3,346,000	2,863,000	2,624,508	71.5	127.5	109.1	220,931,982
2003	1,873,000	3,362,000	2,828,000	2,655,987	70.5	126.6	106.5	222,856,560
2004	1,802,000	3,236,000	2,718,000	2,727,054	66.1	118.7	99.7	228,275,978
2005	1,754,000	3,102,000	2,625,000	2,749,472	63.8	112.8	95.5	231,904,922
2006	1,681,000	2,995,000	2,500,000	2,773,025	60.6	108.0	90.2	234,524,720
2007	1,642,000	2,871,000	2,412,000	2,691,034	61.0	106.7	89.6	235,678,150
2008	1,561,000	2,719,000	2,266,000	2,630,213	59.3	103.4	86.1	236,448,155
2009	1,456,000	2,573,000	2,149,000	2,633,248	55.3	97.7	81.6	234,467,679
2010	1,483,000	2,632,000	2,171,000	2,648,456	56.0	99.4	82.0	230,444,440
2011	1,476,000	2,597,000	2,155,000	2,650,458	55.7	98.0	81.3	233,841,422
2012	1,568,000	2,771,000	2,290,000	2,664,060	58.9	104.0	85.9	233,760,558
2013	1,531,000	2,738,000	2,241,000	2,677,771	57.2	102.3	83.7	236,010,230

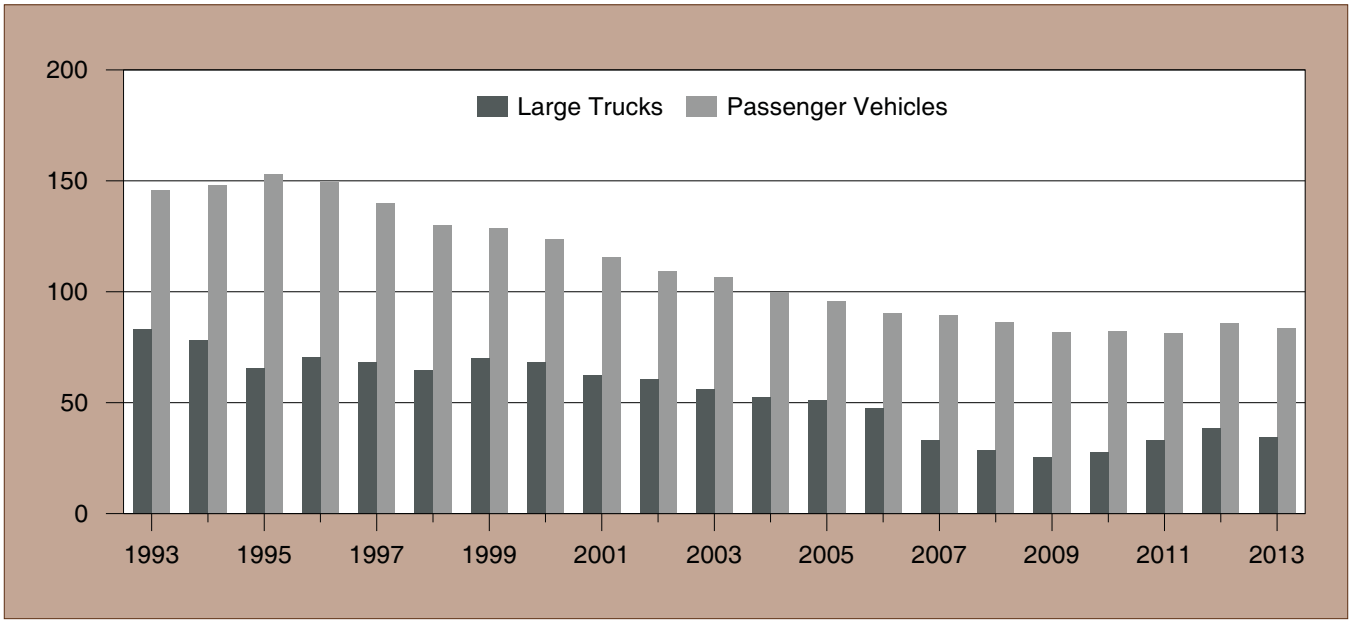
Notes: “Persons Injured” includes all nonfatally injured persons in injury and fatal crashes. A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles). The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates displayed in this table are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Injury Crashes, Vehicles Involved, and Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Figure 4. Large Trucks and Passenger Vehicles Involved in Injury Crashes per 100 Million Vehicle Miles Traveled by Vehicle Type, 1993-2013



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). The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates depicted in this figure are based on unrounded GES data.
Sources: Vehicle Miles Traveled: Federal Highway Administration, *Highway Statistics 2013*. Injury Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Figure 5. Persons Injured in Large Truck and Passenger Vehicle Crashes per 100 Million Vehicle Miles Traveled by Vehicle Type, 1993-2013



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). "Persons Injured" includes all nonfatally injured persons in injury and fatal crashes. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates depicted in this figure are based on unrounded GES data.
Sources: Vehicle Miles Traveled: Federal Highway Administration, *Highway Statistics 2013*. Injury Crashes, Vehicles Involved, and Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 9. All Motor Vehicle Injury Crash Statistics, 1993-2013

Year	All Injury Crashes	Vehicles Involved in All Injury Crashes	Persons Injured in All Crashes	Million Vehicle Miles Traveled by All Motor Vehicles	Rates per 100 Million Vehicle Miles Traveled by All Motor Vehicles			Motor Vehicles Registered
					All Injury Crashes	Vehicles Involved in All Injury Crashes	Persons Injured in All Crashes	
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	225,821,241
2001	2,003,000	3,663,000	3,033,000	2,795,610	71.6	131.0	108.5	235,331,382
2002	1,929,000	3,520,000	2,926,000	2,855,508	67.6	123.3	102.5	234,624,135
2003	1,925,000	3,536,000	2,889,000	2,890,221	66.6	122.4	99.9	236,760,033
2004	1,862,000	3,415,000	2,788,000	2,964,788	62.8	115.2	94.0	243,010,550
2005	1,816,000	3,287,000	2,699,000	2,989,430	60.8	110.0	90.3	247,421,120
2006	1,746,000	3,181,000	2,575,000	3,014,371	57.9	105.5	85.4	250,844,644
2007	1,711,000	3,064,000	2,491,000	3,031,124	56.5	101.1	82.2	254,403,081
2008	1,630,000	2,894,000	2,346,000	2,976,528	54.8	97.2	78.8	255,917,664
2009	1,517,000	2,727,000	2,217,000	2,956,764	51.3	92.2	75.0	254,212,610
2010	1,542,000	2,785,000	2,239,000	2,967,266	52.0	93.9	75.5	250,070,048
2011	1,530,000	2,763,000	2,217,000	2,950,402	51.9	93.7	75.1	253,215,681
2012	1,634,000	2,963,000	2,362,000	2,969,433	55.0	99.8	79.5	253,639,386
2013	1,591,000	2,927,000	2,313,000	2,988,323	53.2	98.0	77.4	255,876,822

Notes: “Persons Injured” includes all nonfatally injured persons in injury and fatal crashes. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates displayed in this table are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Injury Crashes, Vehicles Involved, and Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 10. Large Truck Property Damage Only (PDO) Crash Statistics, 1993-2013

Year	PDO Crashes Involving Large Trucks	Large Trucks Involved in PDO Crashes	Million Vehicle Miles Traveled by Large Trucks	Rates per 100 Million Vehicle Miles Traveled by Large Trucks		Large Trucks Registered
				PDO Crashes Involving Large Trucks	Large Trucks Involved in PDO Crashes	
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	208,928	152.8	160.3	7,857,675
2002	322,000	336,000	214,603	150.2	156.3	7,927,280
2003	347,000	363,000	217,876	159.4	166.7	7,756,888
2004	312,000	324,000	220,811	141.2	146.9	8,171,364
2005	341,000	354,000	222,523	153.2	159.2	8,481,999
2006	287,000	300,000	222,513	128.9	134.7	8,819,007
2007	317,000	333,000	304,178	104.3	109.5	10,752,019
2008	297,000	309,000	310,680	95.7	99.6	10,873,275
2009	232,000	239,000	288,306	80.5	83.0	10,973,214
2010	207,000	214,000	286,527	72.3	74.7	10,770,054
2011	210,000	221,000	267,594	78.5	82.7	10,270,693
2012	241,000	253,000	269,207	89.6	93.9	10,659,380
2013	254,000	265,000	275,018	92.3	96.3	10,597,356

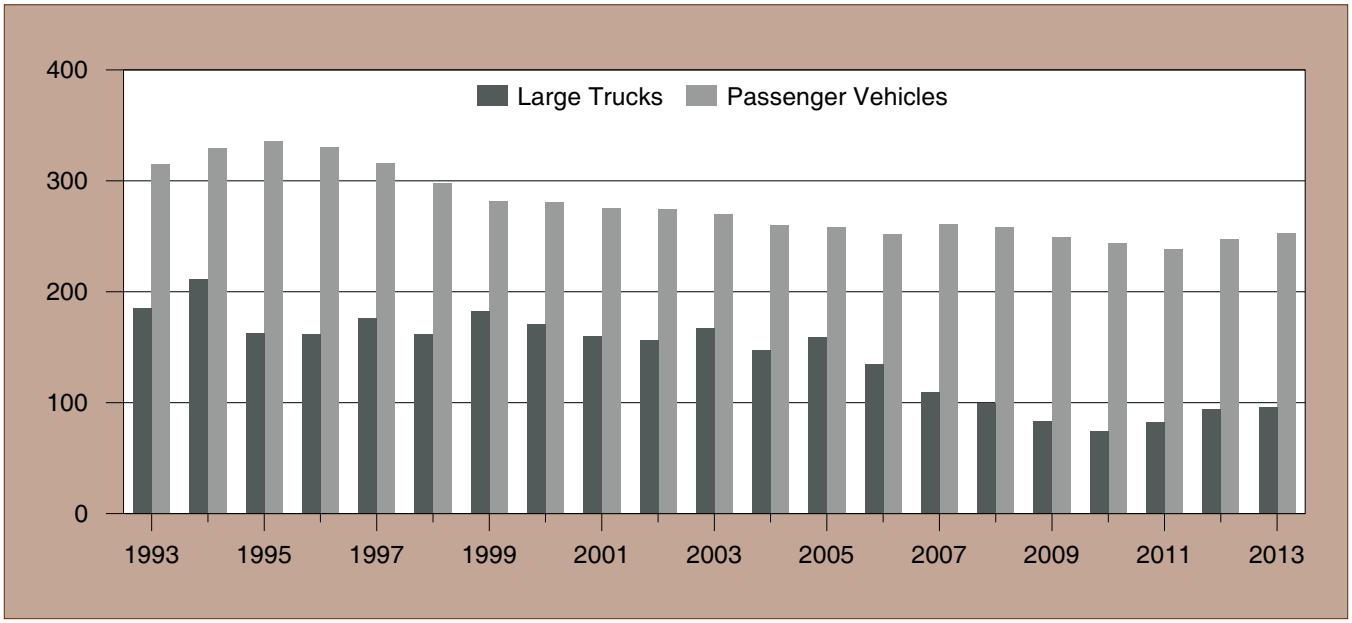
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates displayed in this table are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 11. Passenger Vehicle Property Damage Only (PDO) Crash Statistics, 1993-2013

Year	PDO Crashes Involving Passenger Vehicles	Passenger Vehicles Involved in PDO Crashes	Million Vehicle Miles Traveled by Passenger Vehicles	Rates per 100 Million Vehicle Miles Traveled by Passenger Vehicles		Passenger Vehicles Registered
				PDO Crashes Involving Passenger Vehicles	Passenger Vehicles Involved in PDO Crashes	
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	212,706,399
2001	4,168,000	7,079,000	2,569,980	162.2	275.4	221,821,103
2002	4,228,000	7,199,000	2,624,508	161.1	274.3	220,931,982
2003	4,230,000	7,160,000	2,655,987	159.3	269.6	222,856,560
2004	4,170,000	7,102,000	2,727,054	152.9	260.4	228,275,978
2005	4,174,000	7,088,000	2,749,472	151.8	257.8	231,904,922
2006	4,084,000	6,979,000	2,773,025	147.3	251.7	234,524,720
2007	4,141,000	7,022,000	2,691,034	153.9	260.9	235,678,150
2008	4,027,000	6,779,000	2,630,213	153.1	257.8	236,448,155
2009	3,850,000	6,552,000	2,633,248	146.2	248.8	234,467,679
2010	3,776,000	6,458,000	2,648,456	142.6	243.8	230,444,440
2011	3,709,000	6,321,000	2,650,458	139.9	238.5	233,841,422
2012	3,870,000	6,581,000	2,664,060	145.3	247.0	233,760,558
2013	3,978,000	6,765,000	2,677,771	148.6	252.6	236,010,230

Notes: A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles). The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates displayed in this table are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Figure 6. Large Trucks and Passenger Vehicles Involved in Property Damage Only (PDO) Crashes per 100 Million Vehicle Miles Traveled by Vehicle Type, 1993-2013



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). The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates depicted in this figure are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 12. All Motor Vehicle Property Damage Only (PDO) Crash Statistics, 1993-2013

Year	All PDO Crashes	Vehicles Involved in All PDO Crashes	Million Vehicle Miles Traveled by All Motor Vehicles	PDO Crashes per 100 Million Vehicle Miles Traveled by All Motor Vehicles		Motor Vehicles Registered
				PDO Crashes	Vehicles Involved in PDO Crashes	
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	225,821,241
2001	4,282,000	7,480,000	2,795,610	153.2	267.6	235,331,381
2002	4,348,000	7,608,000	2,855,508	152.3	266.4	234,624,135
2003	4,365,000	7,594,000	2,890,221	151.0	262.7	236,760,033
2004	4,281,000	7,489,000	2,964,788	144.4	252.6	243,010,550
2005	4,304,000	7,511,000	2,989,430	144.0	251.3	247,421,120
2006	4,189,000	7,345,000	3,014,371	139.0	243.7	250,844,644
2007	4,275,000	7,431,000	3,031,124	141.0	245.2	254,403,081
2008	4,146,000	7,166,000	2,976,528	139.3	240.8	255,917,664
2009	3,957,000	6,868,000	2,956,764	133.8	232.3	254,212,610
2010	3,847,000	6,737,000	2,967,266	129.6	227.1	250,070,048
2011	3,778,000	6,637,000	2,950,402	128.1	225.0	253,215,681
2012	3,950,000	6,932,000	2,969,433	133.0	233.5	253,639,386
2013	4,066,000	7,134,000	2,988,323	136.1	238.7	255,876,822

Note: The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates displayed in this table are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 13. Vehicle Occupants Killed in Large Truck Crashes by Vehicle Type, 1975-2013

Year	Passenger Vehicle		Large Truck		Motorcycle	Bus	Other/ Unknown	Total
	Passenger Car	Light Truck	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**
2001	2,269	1,539	474	234	113	13	28	**4,670**
2002	2,206	1,505	449	240	133	12	30	**4,575**
2003	2,206	1,515	457	269	151	11	36	**4,645**
2004	2,240	1,577	469	297	174	14	37	**4,808**
2005	2,070	1,646	478	326	201	13	41	**4,775**
2006	2,036	1,536	500	305	193	3	29	**4,602**
2007	1,858	1,484	502	303	231	7	28	**4,413**
2008	1,559	1,318	430	252	247	4	23	**3,833**
2009	1,260	1,094	333	166	176	2	28	**3,059**
2010	1,390	1,213	339	191	162	4	28	**3,327**
2011	1,380	1,082	408	232	221	11	19	**3,353**
2012	1,423	1,153	423	274	251	10	20	**3,554**
2013	1,438	1,164	427	264	204	16	12	**3,525**

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 any motor vehicle designed primarily to transport nine or more persons, including the driver.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Table 14. Nonmotorists and Vehicle Occupants Killed in Large Truck Crashes, 1975-2013

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	278	67	19	**364**	4,575	**4,939**
2003	320	52	19	**391**	4,645	**5,036**
2004	333	77	17	**427**	4,808	**5,235**
2005	346	87	32	**465**	4,775	**5,240**
2006	318	78	29	**425**	4,602	**5,027**
2007	313	70	26	**409**	4,413	**4,822**
2008	317	70	25	**412**	3,833	**4,245**
2009	259	56	6	**321**	3,059	**3,380**
2010	280	58	21	**359**	3,327	**3,686**
2011	335	60	33	**428**	3,353	**3,781**
2012	305	62	23	**390**	3,554	**3,944**
2013	338	78	23	**439**	3,525	**3,964**

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).

Trends Table 15. Drivers in Fatal Crashes by Vehicle Type and Blood Alcohol Concentration, 1993-2013

Year	Large Truck			Passenger Car		
	Total Drivers	BAC=0.01+	BAC=0.08+	Total Drivers	BAC=0.01+	BAC=0.08+
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	4,550	2.5%	1.7%	27,236	26.6%	22.4%
2003	4,658	2.1%	1.4%	26,422	26.1%	22.0%
2004	4,837	2.2%	1.1%	25,568	27.0%	22.9%
2005	4,900	2.6%	1.4%	25,046	27.8%	23.5%
2006	4,729	2.0%	1.1%	24,162	27.2%	22.6%
2007	4,601	1.7%	1.0%	22,765	27.0%	22.6%
2008	4,040	2.8%	1.6%	20,379	27.4%	23.0%
2009	3,175	3.0%	1.7%	18,268	27.1%	23.2%
2010	3,456	2.4%	1.5%	17,710	27.4%	23.5%
2011	3,594	2.6%	1.2%	17,401	27.2%	23.6%
2012	3,774	3.3%	2.1%	18,171	26.4%	22.7%
2013	3,858	3.9%	2.4%	17,731	27.3%	22.9%

Year	Light Truck			Motorcycle		
	Total Drivers	BAC=0.01+	BAC=0.08+	Total Drivers	BAC=0.01+	BAC=0.08+
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	21,562	26.8%	23.1%	3,363	38.7%	30.9%
2003	22,172	25.3%	21.5%	3,800	36.3%	29.1%
2004	22,367	25.0%	21.5%	4,116	33.9%	27.1%
2005	22,879	25.2%	21.6%	4,679	34.5%	27.0%
2006	22,307	27.9%	24.0%	4,961	34.1%	26.2%
2007	21,719	27.3%	23.4%	5,306	35.2%	26.9%
2008	19,095	26.3%	22.6%	5,405	36.1%	28.9%
2009	17,806	26.9%	23.2%	4,592	36.3%	28.6%
2010	17,385	25.2%	21.6%	4,647	36.0%	27.6%
2011	16,706	24.7%	21.3%	4,761	36.9%	29.3%
2012	17,230	24.9%	21.3%	5,108	35.3%	27.7%
2013	16,738	25.0%	21.4%	4,769	34.5%	27.2%

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).

Trends Table 16. Combination Truck Fatal Crash Statistics, 1975-2013

Year	Fatal Crashes Involving Combination Trucks	Combination Trucks Involved in Fatal Crashes	Combination Truck Occupant Fatalities	Total Fatalities in Combination Truck Crashes	Million Vehicle Miles Traveled by Combination Trucks	Rates per 100 Million Vehicle Miles Traveled by Combination Trucks			Combination Trucks Registered
						Fatal Crashes Involving Combination Trucks	Combination Trucks Involved in Fatal Crashes	Fatalities in Combination Truck Crashes	
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	136,534	2.42	2.60	2.81	2,154,174
2002	3,207	3,487	508	3,830	138,737	2.31	2.51	2.76	2,276,661
2003	3,239	3,523	524	3,799	140,128	2.31	2.51	2.71	1,908,365
2004	3,332	3,642	536	3,949	142,370	2.34	2.56	2.77	2,010,335
2005	3,387	3,664	561	3,932	144,028	2.35	2.54	2.73	2,086,759
2006	3,206	3,508	566	3,776	142,169	2.26	2.47	2.66	2,169,670
2007	3,125	3,439	551	3,633	184,199	1.70	1.87	1.97	2,635,347
2008	2,768	3,004	467	3,158	183,826	1.51	1.63	1.72	2,585,229
2009	2,166	2,328	332	2,458	168,100	1.29	1.38	1.46	2,617,118
2010	2,422	2,584	375	2,772	175,789	1.38	1.47	1.58	2,552,865
2011	2,388	2,565	432	2,730	163,791	1.46	1.57	1.67	2,451,638
2012	2,490	2,743	468	2,843	163,602	1.52	1.68	1.74	2,469,094
2013	2,553	2,803	445	2,886	168,436	1.52	1.66	1.71	2,471,349

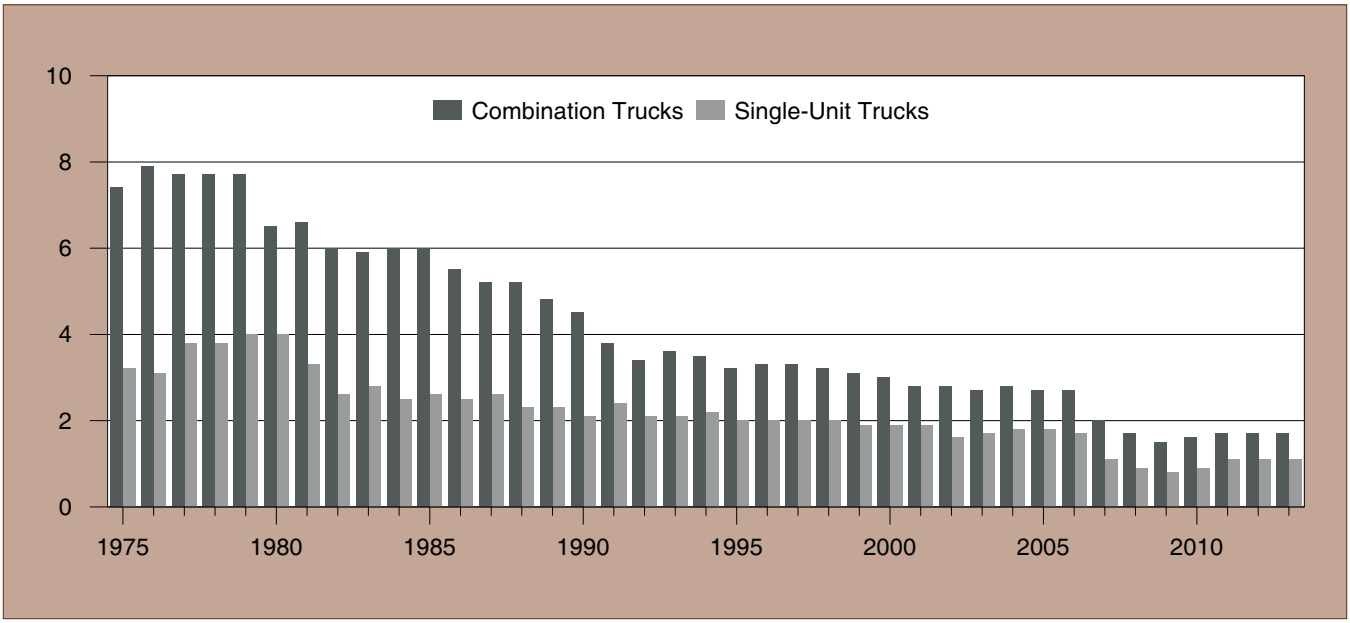
Notes: A combination truck is defined as a truck tractor pulling any number of trailers (including a "bobtail" truck tractor not pulling any trailers) or a straight truck pulling at least one trailer. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Table 17. Single-Unit Truck Fatal Crash Statistics, 1975-2013

Year	Fatal Crashes Involving Single-Unit Trucks	Single-Unit Trucks Involved in Fatal Crashes	Single-Unit Truck Occupant Fatalities	Total Fatalities in Single-Unit Trucks Crashes	Million Vehicle Miles Traveled by Single-Unit Trucks	Rates per 100 Million Vehicle Miles Traveled by Single-Unit Trucks			Single-Unit Trucks Registered
						Fatal Crashes Involving Single-Unit Trucks	Single-Unit Trucks Involved in Fatal Crashes	Fatalities in Single-Unit Truck Crashes	
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	5,762,864
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	72,394	1.72	1.75	1.91	5,703,501
2002	1,089	1,100	181	1,210	75,866	1.44	1.45	1.59	5,650,619
2003	1,174	1,198	202	1,330	77,748	1.51	1.54	1.71	5,848,523
2004	1,228	1,258	230	1,390	78,441	1.57	1.60	1.77	6,161,028
2005	1,257	1,288	243	1,414	78,496	1.60	1.64	1.80	6,395,240
2006	1,224	1,259	239	1,344	80,344	1.52	1.57	1.67	6,649,337
2007	1,168	1,194	254	1,308	119,979	0.97	1.00	1.09	8,116,672
2008	1,070	1,085	215	1,191	126,855	0.84	0.86	0.94	8,288,046
2009	868	883	167	985	120,207	0.72	0.73	0.82	8,356,097
2010	894	910	155	975	110,738	0.81	0.82	0.88	8,217,189
2011	1,054	1,068	208	1,140	103,803	1.02	1.03	1.10	7,819,055
2012	1,061	1,082	229	1,187	105,605	1.00	1.02	1.12	8,190,286
2013	1,066	1,103	246	1,174	106,582	1.00	1.03	1.10	8,126,007

Notes: 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. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Figure 7. Fatalities in Combination Truck and Single-Unit Truck Crashes per 100 Million Vehicle Miles Traveled by Vehicle Type, 1975-2013



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. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.
Sources: Vehicle Miles Traveled: Federal Highway Administration, *Highway Statistics 2013*. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Table 18. Combination Truck Injury Crash Statistics, 1993-2013

Year	Injury Crashes Involving Combination Trucks	Combination Trucks Involved in Injury Crashes	Persons Injured in Combination Truck Crashes	Million Vehicle Miles Traveled by Combination Trucks	Rates per 100 Million Vehicle Miles Traveled by Combination Trucks			Combination Trucks Registered
					Injury Crashes Involving Combination Trucks	Combination Trucks Involved in Injury Crashes	Persons Injured in Combination Truck Crashes	
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	136,534	34.0	35.6	51.8	2,154,174
2002	48,000	50,000	72,000	138,737	34.8	36.2	51.6	2,276,661
2003	46,000	49,000	65,000	140,128	32.8	34.6	46.7	1,908,365
2004	46,000	47,000	64,000	142,370	32.0	33.3	44.8	2,010,335
2005	43,000	46,000	63,000	144,028	30.0	31.6	43.9	2,086,759
2006	40,000	41,000	56,000	142,169	27.8	29.0	39.2	2,169,670
2007	39,000	41,000	55,000	184,199	21.0	22.0	30.0	2,635,347
2008	36,000	38,000	51,000	183,826	19.6	20.5	27.7	2,585,229
2009	28,000	29,000	41,000	168,100	16.8	17.4	24.3	2,617,118
2010	31,000	32,000	43,000	175,789	17.4	18.5	24.3	2,552,865
2011	32,000	33,000	45,000	163,791	19.3	19.9	27.7	2,451,638
2012	40,000	42,000	56,000	163,602	24.2	25.4	34.0	2,469,094
2013	36,000	38,000	48,000	168,436	21.6	22.6	28.7	2,471,349

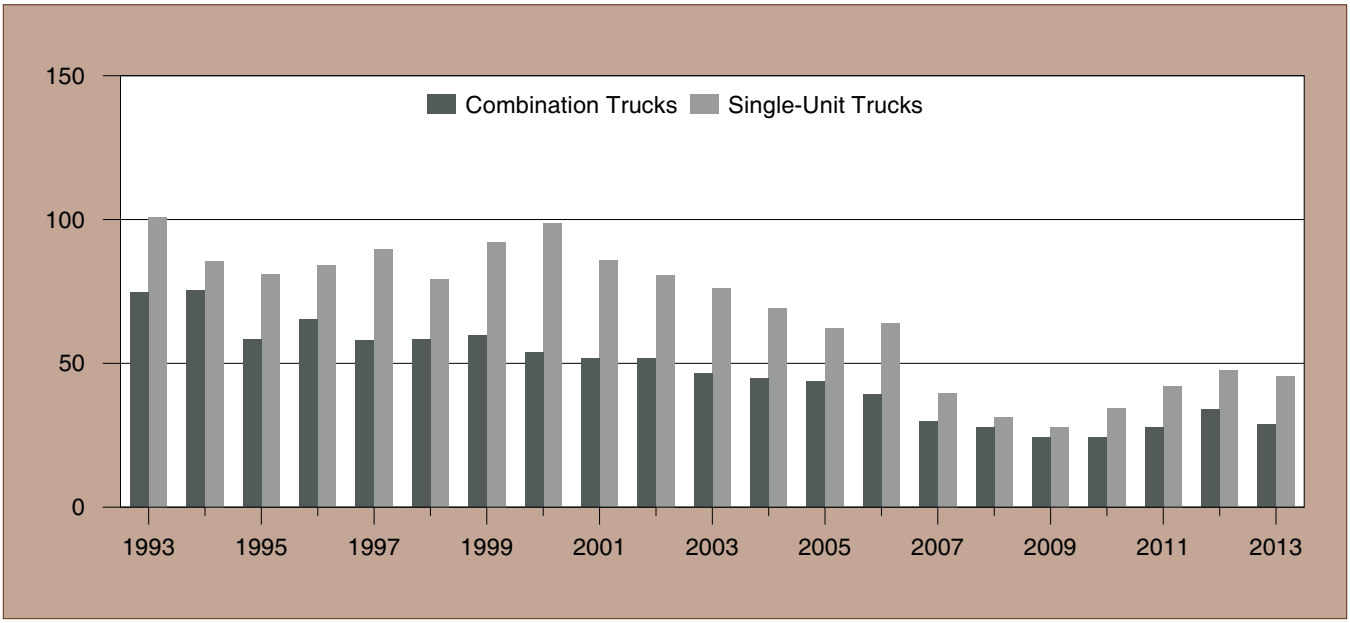
Notes: "Persons Injured" includes all nonfatally injured persons in injury and fatal crashes. A combination truck is defined as a truck tractor pulling any number of trailers (including none) or a straight truck pulling at least one trailer. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates displayed in this table are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Injury Crashes, Vehicles Involved, and Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 19. Single-Unit Truck Injury Crash Statistics, 1993-2013

Year	Injury Crashes Involving Single-Unit Trucks	Single-Unit Trucks Involved in Injury Crashes	Persons Injured in Single-Unit Truck Crashes	Million Vehicle Miles Traveled by Single-Unit Trucks	Rates per 100 Million Vehicle Miles Traveled by Single-Unit Trucks			Single-Unit Trucks Registered
					Injury Crashes Involving Single-Unit Trucks	Single-Unit Trucks Involved in Injury Crashes	Persons Injured in Single-Unit Truck Crashes	
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	5,762,864
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	72,394	56.1	56.9	85.7	5,703,501
2002	43,000	44,000	61,000	75,866	40.4	58.0	80.7	5,650,619
2003	40,000	40,000	59,000	77,748	50.9	51.8	76.1	5,848,523
2004	39,000	39,000	54,000	78,441	49.2	50.2	69.0	6,161,028
2005	32,000	34,000	49,000	78,496	41.3	42.8	62.1	6,395,240
2006	38,000	39,000	51,000	80,344	47.6	48.6	63.9	6,649,337
2007	35,000	35,000	48,000	119,979	28.8	29.3	39.7	8,116,672
2008	28,000	28,000	39,000	126,855	22.2	22.4	31.1	8,288,046
2009	24,000	24,000	34,000	120,207	19.7	20.1	27.9	8,356,097
2010	26,000	26,000	38,000	110,738	23.1	23.3	34.3	8,217,189
2011	29,000	30,000	44,000	103,803	28.4	28.8	42.2	7,819,055
2012	34,000	35,000	50,000	105,605	32.6	33.2	47.5	8,190,286
2013	34,000	35,000	48,000	106,582	31.7	32.9	45.4	8,126,007

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. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates displayed in this table are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Injury Crashes, Vehicles Involved, and Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Figure 8. Persons Injured in Combination Truck and Single-Unit Truck Crashes per 100 Million Vehicle Miles Traveled by Vehicle Type, 1993-2013



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. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates depicted in this figure are based on unrounded GES data.
Sources: Vehicle Miles Traveled: Federal Highway Administration, *Highway Statistics 2013*. Injury Crashes, Vehicles Involved, and Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 20. Combination Truck Property Damage Only (PDO) Crash Statistics, 1993-2013

Year	PDO Crashes Involving Combination Trucks	Combination Trucks Involved in PDO Crashes	Million Vehicle Miles Traveled by Combination Trucks	Rates per 100 Million Vehicle Miles Traveled by Combination Trucks		Combination Trucks Registered
				PDO Crashes Involving Combination Trucks	Combination Trucks Involved in PDO Crashes	
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	136,534	116.1	121.6	2,154,174
2002	153,000	159,000	138,737	110.1	114.9	2,276,661
2003	163,000	172,000	140,128	116.3	122.6	1,908,365
2004	161,000	168,000	142,370	113.2	118.0	2,010,335
2005	169,000	177,000	144,028	117.6	123.1	2,086,759
2006	143,000	150,000	142,169	100.4	105.7	2,169,670
2007	155,000	163,000	184,199	84.3	88.6	2,635,347
2008	142,000	149,000	183,826	77.1	81.0	2,585,229
2009	114,000	118,000	168,100	67.7	70.5	2,617,118
2010	106,000	111,000	175,789	60.5	63.0	2,552,865
2011	107,000	112,000	163,791	65.6	68.4	2,451,638
2012	131,000	135,000	163,602	79.8	82.7	2,469,094
2013	128,000	133,000	168,436	75.9	79.0	2,471,349

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. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates displayed in this table are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 21. Single-Unit Truck Property Damage Only (PDO) Crash Statistics, 1993-2013

Year	PDO Crashes Involving Single-Unit Trucks	Single-Unit Trucks Involved in PDO Crashes	Million Vehicle Miles Traveled by Single-Unit Trucks	Rates per 100 Million Vehicle Miles Traveled by Single-Unit Trucks		Single-Unit Trucks Registered
				PDO Crashes Involving Single-Unit Trucks	Single-Unit Trucks Involved in PDO Crashes	
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	5,762,864
2000	171,000	173,000	70,500	242.8	244.9	5,926,030
2001	167,000	169,000	72,394	230.6	233.2	5,703,501
2002	173,000	176,000	75,866	228.0	232.1	5,650,619
2003	189,000	191,000	77,748	242.6	246.0	5,848,523
2004	154,000	156,000	78,441	196.0	199.3	6,161,028
2005	117,000	118,000	78,496	149.0	150.3	6,395,240
2006	147,000	149,000	80,344	182.9	186.0	6,649,337
2007	167,000	170,000	119,979	139.6	141.6	8,116,672
2008	159,000	161,000	126,855	125.4	126.6	8,288,046
2009	119,000	121,000	120,207	99.3	100.5	8,356,097
2010	102,000	103,000	110,738	92.0	93.2	8,217,189
2011	107,000	109,000	103,803	102.9	105.1	7,819,055
2012	116,000	118,000	105,605	109.5	111.3	8,190,286
2013	130,000	132,000	106,582	121.6	123.7	8,126,007

Notes: 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. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates displayed in this table are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 22. Bus Fatal Crash Statistics, 1975-2013

Year	Fatal Crashes Involving Buses	Buses Involved in Fatal Crashes	Bus Occupant Fatalities	Total Fatalities in Bus Crashes	Million Vehicle Miles Traveled by Buses	Rates per 100 Million Vehicle Miles Traveled by Buses			Buses Registered
						Fatal Crashes Involving Buses	Buses Involved in Fatal Crashes	Fatalities in Bus Crashes	
1975	323	327	53	348	6,055	5.33	5.40	5.75	462,156
1976	318	319	73	390	6,258	5.08	5.10	6.23	478,339
1977	321	321	42	354	5,823	5.51	5.51	6.08	490,761
1978	370	372	41	412	5,885	6.29	6.32	7.00	505,354
1979	344	347	39	376	5,947	5.78	5.83	6.32	526,765
1980	329	330	46	390	6,059	5.43	5.45	6.44	528,789
1981	340	342	56	393	6,241	5.45	5.48	6.30	543,984
1982	288	289	35	323	5,823	4.95	4.96	5.55	559,200
1983	305	307	53	366	5,199	5.87	5.90	7.04	582,884
1984	319	320	46	374	4,640	6.88	6.90	8.06	583,671
1985	337	337	57	398	4,478	7.53	7.53	8.89	593,485
1986	284	286	39	337	4,717	6.02	6.06	7.14	593,853
1987	353	353	51	409	5,330	6.62	6.62	7.67	602,055
1988	284	287	54	341	5,475	5.19	5.24	6.23	615,669
1989	309	311	50	366	5,670	5.45	5.49	6.46	625,040
1990	286	289	32	340	5,726	4.99	5.05	5.94	626,987
1991	271	274	31	304	5,750	4.71	4.77	5.29	631,279
1992	283	285	28	316	5,778	4.90	4.93	5.47	644,732
1993	262	263	18	286	6,125	4.28	4.29	4.67	654,432
1994	256	258	18	286	6,409	3.99	4.03	4.46	670,423
1995	271	271	33	311	6,420	4.22	4.22	4.84	685,503
1996	324	326	21	367	6,563	4.94	4.97	5.59	694,781
1997	295	297	18	339	6,842	4.31	4.34	4.95	697,548
1998	288	289	38	329	7,007	4.11	4.12	4.70	715,540
1999	313	319	59	373	7,662	4.09	4.16	4.87	728,777
2000	323	325	22	357	7,590	4.26	4.28	4.70	746,125
2001	289	292	34	331	7,070	4.09	4.13	4.84	749,548
2002	274	274	45	331	6,845	4.00	4.00	4.84	760,717
2003	288	291	41	337	6,782	4.25	4.29	4.97	776,550
2004	276	279	42	315	6,801	4.06	4.10	4.63	795,274
2005	278	280	58	340	6,980	3.98	4.01	4.87	807,053
2006	303	305	27	337	6,783	4.47	4.50	4.97	821,959
2007	280	281	36	325	14,516	1.93	1.94	2.24	834,436
2008	251	251	67	311	14,823	1.69	1.69	2.10	843,308
2009	221	221	26	254	14,387	1.54	1.54	1.77	841,993
2010	247	251	44	278	13,770	1.79	1.82	2.02	846,051
2011	243	245	55	284	13,807	1.76	1.77	2.06	666,064
2012	252	253	39	282	14,781	1.70	1.71	1.91	764,509
2013	280	280	48	310	15,167	1.85	1.85	2.04	864,549

Notes: A bus is defined as any motor vehicle designed primarily to transport nine or more persons, including the driver. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Fatal Crashes, Vehicles Involved, and Fatalities: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Table 23. Bus Injury Crash Statistics, 1993-2013

Year	Injury Crashes Involving Buses	Buses Involved in Injury Crashes	Persons Injured in Bus Crashes	Million Vehicle Miles Traveled by Buses	Rates per 100 Million Vehicle Miles Traveled by Buses			Buses Registered
					Injury Crashes Involving Buses	Buses Involved in Injury Crashes	Persons Injured in Bus Crashes	
1993	14,000	14,000	29,000	6,125	227.6	229.9	479.5	654,432
1994	14,000	14,000	29,000	6,409	215.7	216.5	449.5	670,423
1995	14,000	14,000	32,000	6,420	224.6	225.0	505.5	685,503
1996	15,000	15,000	33,000	6,563	231.9	232.3	509.3	694,781
1997	12,000	13,000	27,000	6,842	181.8	183.8	399.1	697,548
1998	13,000	13,000	30,000	7,007	181.2	181.9	426.5	715,540
1999	14,000	14,000	36,000	7,662	187.2	188.2	464.6	728,777
2000	13,000	13,000	29,000	7,590	169.7	173.2	388.0	746,125
2001	11,000	12,000	25,000	7,070	162.7	163.2	360.2	749,548
2002	13,000	13,000	30,000	6,845	184.3	184.6	434.1	760,717
2003	14,000	14,000	31,000	6,782	202.3	203.9	454.0	776,550
2004	13,000	13,000	29,000	6,801	188.1	189.3	429.3	795,274
2005	12,000	12,000	23,000	6,980	175.0	175.6	335.9	807,053
2006	11,000	11,000	21,000	6,783	156.7	157.5	310.1	821,959
2007	11,000	11,000	24,000	14,516	73.3	73.7	164.4	834,436
2008	11,000	11,000	24,000	14,823	73.5	73.5	164.6	843,308
2009	9,000	10,000	20,000	14,387	64.9	69.3	140.2	841,993
2010	12,000	12,000	27,000	13,770	83.6	83.8	196.7	846,051
2011	13,000	13,000	24,000	13,807	96.8	97.6	176.7	666,064
2012	12,000	12,000	23,000	14,781	80.6	83.7	156.3	764,509
2013	18,000	18,000	38,000	15,167	117.0	118.0	250.6	864,549

Notes: "Persons Injured" includes all nonfatally injured persons in injury and fatal crashes. A bus is defined as any motor vehicle designed primarily to transport nine or more persons, including the driver. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates displayed in this table are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. Injury Crashes, Vehicles Involved, and Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 24. Bus Property Damage Only (PDO) Crash Statistics, 1993-2013

Year	PDO Crashes Involving Buses	Buses Involved in PDO Crashes	Million Vehicle Miles Traveled by Buses	Rates per 100 Million Vehicle Miles Traveled by Buses		Buses Registered
				PDO Crashes Involving Buses	Buses Involved in PDO Crashes	
1993	37,000	38,000	6,125	606.6	613.1	654,432
1994	42,000	42,000	6,409	651.3	657.3	670,423
1995	44,000	44,000	6,420	687.8	691.9	685,503
1996	42,000	42,000	6,563	634.5	642.9	694,781
1997	41,000	41,000	6,842	594.0	594.0	697,548
1998	40,000	40,000	7,007	576.6	577.4	715,540
1999	48,000	48,000	7,662	625.6	630.0	728,777
2000	42,000	43,000	7,590	558.5	562.0	746,125
2001	42,000	42,000	7,070	600.8	600.8	749,548
2002	45,000	45,000	6,845	658.5	658.5	760,717
2003	44,000	44,000	6,782	643.9	647.5	776,550
2004	39,000	39,000	6,801	574.6	576.6	795,274
2005	38,000	39,000	6,980	543.4	556.5	807,053
2006	41,000	41,000	6,783	598.9	598.9	821,959
2007	45,000	46,000	14,516	311.9	315.4	834,436
2008	48,000	49,000	14,823	325.6	329.2	843,308
2009	47,000	47,000	14,387	327.2	329.4	841,993
2010	42,000	42,000	13,770	304.0	308.3	846,051
2011	43,000	44,000	13,807	315.0	316.6	666,064
2012	42,000	42,000	14,781	285.7	287.5	764,509
2013	48,000	48,000	15,167	319.0	319.0	864,549

Notes: A bus is defined as any motor vehicle designed primarily to transport nine or more persons, including the driver. The Federal Highway Administration (FHWA) implemented an enhanced methodology for estimating registered vehicles and vehicle miles traveled by vehicle type beginning with data from 2007. As a result, involvement rates may differ, and in some cases significantly, from earlier years. The rates displayed in this table are based on unrounded GES data.
Sources: Vehicle Miles Traveled and Registered Vehicles: Federal Highway Administration, *Highway Statistics 2013*. PDO Crashes and Vehicles Involved: National Highway Traffic Safety Administration, General Estimates System (GES).

Trends Table 25. Fatal Crashes Involving Buses by Type of Bus, 1975-2013

Year	School Bus	Cross-Country Intercity Bus (Motorcoach)	Transit Bus	Van-Based Bus[a]	Other Bus Type	Bus Type Unknown	Total
1975	129	29	128	—	18	19	**323**
1976	122	30	130	—	13	23	**318**
1977	126	33	123	—	14	25	**321**
1978	143	52	143	—	14	18	**370**
1979	150	37	120	—	21	16	**344**
1980	117	38	149	—	14	11	**329**
1981	109	48	150	—	20	13	**340**
1982	104	37	106	—	31	10	**288**
1983	99	41	105	—	38	22	**305**
1984	118	48	103	—	33	17	**319**
1985	126	29	116	—	33	33	**337**
1986	101	33	99	—	29	22	**284**
1987	132	29	115	—	46	31	**353**
1988	103	31	102	—	30	18	**284**
1989	108	32	119	—	25	25	**309**
1990	111	26	113	—	19	17	**286**
1991	105	39	86	—	25	16	**271**
1992	98	35	113	—	20	17	**283**
1993	112	28	82	—	20	20	**262**
1994	106	22	105	—	12	11	**256**
1995	109	23	101	—	23	15	**271**
1996	124	35	113	—	32	20	**324**
1997	116	36	109	—	15	19	**295**
1998	111	38	115	—	16	8	**288**
1999	137	35	106	—	18	17	**313**
2000	119	40	127	—	20	17	**323**
2001	117	38	103	—	16	15	**289**
2002	95	35	100	—	26	18	**274**
2003	111	26	104	—	29	18	**288**
2004	109	35	85	—	25	22	**276**
2005	110	37	83	—	34	14	**278**
2006	117	32	105	—	22	27	**303**
2007	109	35	113	—	15	8	**280**
2008	116	20	92	—	12	11	**251**
2009	89	38	77	—	9	8	**221**
2010	113	35	84	—	11	4	**247**
2011	97	40	68	25	10	3	**243**
2012	101	34	78	30	7	2	**252**
2013	114	43	81	28	10	4	**280**

[a]"Van-based bus" was listed as a bus type for the first time in 2011.
Note: A bus is defined as any motor vehicle designed primarily to transport nine or more persons, including the driver.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Table 26. Buses in Fatal Crashes by Type of Bus, 1975-2013

Year	School Bus	Cross-Country Intercity Bus (Motorcoach)	Transit Bus	Van-Based Bus[a]	Other Bus Type	Bus Type Unknown	Total
1975	130	29	131	—	18	19	**327**
1976	123	30	130	—	13	23	**319**
1977	126	33	123	—	14	25	**321**
1978	143	54	143	—	14	18	**372**
1979	150	37	123	—	21	16	**347**
1980	117	38	150	—	14	11	**330**
1981	110	48	150	—	20	14	**342**
1982	104	37	106	—	31	11	**289**
1983	99	41	105	—	40	22	**307**
1984	119	48	103	—	33	17	**320**
1985	126	29	116	—	33	33	**337**
1986	101	33	99	—	29	24	**286**
1987	132	29	115	—	46	31	**353**
1988	105	31	103	—	30	18	**287**
1989	109	32	120	—	25	25	**311**
1990	112	27	114	—	19	17	**289**
1991	106	39	86	—	26	17	**274**
1992	98	36	113	—	21	17	**285**
1993	112	28	82	—	21	20	**263**
1994	106	23	105	—	12	12	**258**
1995	109	23	101	—	23	15	**271**
1996	124	35	115	—	32	20	**326**
1997	117	37	109	—	15	19	**297**
1998	112	38	115	—	16	8	**289**
1999	139	38	106	—	19	17	**319**
2000	120	40	128	—	20	17	**325**
2001	119	38	104	—	16	15	**292**
2002	95	35	100	—	26	18	**274**
2003	113	26	104	—	30	18	**291**
2004	111	35	85	—	26	22	**279**
2005	111	38	83	—	34	14	**280**
2006	118	33	105	—	22	27	**305**
2007	109	35	113	—	16	8	**281**
2008	116	20	92	—	12	11	**251**
2009	89	38	77	—	9	8	**221**
2010	116	36	84	—	11	4	**251**
2011	98	41	68	25	10	3	**245**
2012	102	34	78	30	7	2	**253**
2013	114	43	81	28	10	4	**280**

[a]"Van-based bus" was listed as a bus type for the first time in 2011.
Note: A bus is defined as any motor vehicle designed primarily to transport nine or more persons, including the driver.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Table 27. Fatalities in Crashes Involving Buses by Type of Bus, 1975-2013

Year	School Bus	Cross-Country Intercity Bus (Motorcoach)	Transit Bus	Van-Based Bus[a]	Other Bus Type	Bus Type Unknown	Total
1975	137	35	135	—	20	21	**348**
1976	147	35	133	—	49	26	**390**
1977	143	42	126	—	16	27	**354**
1978	163	62	153	—	14	20	**412**
1979	160	46	130	—	21	19	**376**
1980	136	66	156	—	17	15	**390**
1981	120	65	165	—	26	17	**393**
1982	106	45	122	—	39	11	**323**
1983	126	49	110	—	56	25	**366**
1984	144	55	110	—	46	19	**374**
1985	153	40	129	—	42	34	**398**
1986	110	37	103	—	57	30	**337**
1987	149	54	120	—	51	35	**409**
1988	140	37	112	—	34	18	**341**
1989	143	43	122	—	28	30	**366**
1990	128	39	124	—	25	24	**340**
1991	118	46	91	—	31	18	**304**
1992	105	45	121	—	22	23	**316**
1993	119	35	87	—	22	23	**286**
1994	116	25	116	—	14	15	**286**
1995	123	30	111	—	30	17	**311**
1996	144	43	123	—	34	23	**367**
1997	131	46	123	—	17	22	**339**
1998	118	50	127	—	25	9	**329**
1999	153	66	110	—	19	25	**373**
2000	133	48	134	—	20	22	**357**
2001	130	46	117	—	22	16	**331**
2002	110	54	112	—	33	22	**331**
2003	120	36	116	—	40	25	**337**
2004	116	57	86	—	32	24	**315**
2005	120	70	92	—	41	17	**340**
2006	138	39	106	—	23	31	**337**
2007	130	51	117	—	18	9	**325**
2008	129	52	102	—	14	14	**311**
2009	100	46	81	—	16	11	**254**
2010	119	52	86	—	17	4	**278**
2011	108	63	69	31	10	3	**284**
2012	114	45	79	35	7	2	**282**
2013	123	53	84	33	13	4	**310**

[a]"Van-based bus" was listed as a bus type for the first time in 2011.
Note: A bus is defined as any motor vehicle designed primarily to transport nine or more persons, including the driver.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Table 28. Bus Occupant Fatalities in Crashes Involving Buses by Type of Bus, 1975-2013

Year	School Bus	Cross-Country Intercity Bus (Motorcoach)	Transit Bus	Van-Based Bus[a]	Other Bus Type	Bus Type Unknown	Total
1975	16	5	21	—	2	6	**50**
1976	21	3	8	—	39	2	**73**
1977	14	5	14	—	5	4	**42**
1978	19	6	8	—	5	3	**41**
1979	17	6	8	—	4	4	**39**
1980	14	23	7	—	2	1	**47**
1981	12	6	23	—	11	4	**56**
1982	9	5	11	—	10	0	**35**
1983	17	9	4	—	21	2	**53**
1984	20	9	9	—	7	1	**46**
1985	24	15	4	—	12	2	**57**
1986	2	4	4	—	24	5	**39**
1987	14	19	3	—	11	4	**51**
1988	38	8	2	—	4	2	**54**
1989	33	3	1	—	8	5	**50**
1990	13	2	3	—	3	11	**32**
1991	10	6	3	—	9	3	**31**
1992	7	8	3	—	3	7	**28**
1993	6	1	5	—	4	2	**18**
1994	2	7	6	—	1	2	**18**
1995	12	6	1	—	9	5	**33**
1996	10	3	5	—	3	0	**21**
1997	8	5	3	—	1	1	**18**
1998	6	13	2	—	15	2	**38**
1999	8	32	6	—	4	9	**59**
2000	16	3	1	—	1	1	**22**
2001	16	3	4	—	7	4	**34**
2002	2	20	6	—	9	8	**45**
2003	7	3	12	—	10	9	**41**
2004	7	23	2	—	10	0	**42**
2005	8	33	3	—	8	6	**58**
2006	6	8	1	—	8	4	**27**
2007	3	19	5	—	9	0	**36**
2008	14	38	6	—	5	4	**67**
2009	3	9	0	—	11	3	**26**
2010	15	15	3	—	11	0	**44**
2011	9	32	4	6	4	0	**55**
2012	13	15	1	8	2	0	**39**
2013	11	17	2	11	6	1	**48**

[a]"Van-based bus" was listed as a bus type for the first time in 2011.
Note: A bus is defined as any motor vehicle designed primarily to transport nine or more persons, including the driver.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Trends Table 29. Fatalities in Crashes Involving Large Trucks by State, 2003-2013

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Alabama	147	164	122	137	134	131	80	114	100	107	109
Alaska	5	14	5	4	4	5	3	7	0	4	4
Arizona	119	106	118	136	98	98	66	65	68	85	63
Arkansas	109	110	115	91	114	76	79	83	88	91	83
California	370	415	429	394	366	318	275	236	282	261	243
Colorado	77	69	68	67	82	68	40	49	51	58	56
Connecticut	24	25	21	29	28	24	13	23	14	16	19
Delaware	19	19	7	17	6	7	11	9	10	9	10
District of Columbia	0	5	3	2	2	1	1	3	2	1	3
Florida	365	377	400	350	301	264	181	181	213	213	197
Georgia	232	248	229	232	229	180	153	153	174	153	163
Hawaii	4	4	9	12	3	6	5	4	3	6	7
Idaho	40	29	34	29	27	30	20	15	21	13	35
Illinois	156	194	158	191	159	154	146	88	122	122	142
Indiana	156	157	138	140	147	137	96	115	136	112	116
Iowa	77	70	73	75	71	73	65	88	60	60	61
Kansas	71	94	80	69	77	63	59	86	65	64	68
Kentucky	119	124	124	105	104	113	112	100	88	82	78
Louisiana	130	105	122	104	121	111	83	107	80	108	84
Maine	14	21	19	21	21	23	22	14	17	11	18
Maryland	62	83	60	61	69	52	50	44	39	66	59
Massachusetts	35	43	24	34	28	23	20	19	35	18	30
Michigan	117	118	111	116	124	88	67	85	61	73	88
Minnesota	68	74	70	62	86	70	59	90	52	60	75
Mississippi	72	101	91	90	75	70	61	55	73	51	63
Missouri	167	158	166	155	136	124	86	84	101	92	85
Montana	27	16	23	34	31	25	24	14	31	11	20
Nebraska	56	49	48	34	43	43	43	55	31	44	29
Nevada	32	29	53	51	29	22	19	15	35	19	18
New Hampshire	13	15	11	7	12	13	8	6	8	6	13
New Jersey	75	86	98	74	64	47	69	52	53	60	60
New Mexico	50	63	63	80	57	45	36	46	48	42	54
New York	158	140	145	174	155	119	107	120	114	100	118
North Carolina	162	200	204	152	168	162	128	117	117	127	138
North Dakota	16	15	17	19	12	20	31	18	40	48	63
Ohio	151	190	177	158	134	143	114	132	117	152	131
Oklahoma	102	114	121	140	112	115	94	91	112	124	112
Oregon	65	53	66	62	53	37	30	46	50	28	33
Pennsylvania	224	189	183	193	194	192	134	164	160	166	155
Rhode Island	6	5	1	8	7	2	5	2	1	4	5
South Carolina	99	110	124	95	91	85	82	65	89	84	65
South Dakota	17	18	13	19	14	14	16	25	12	20	18
Tennessee	118	155	163	148	149	95	92	92	108	112	126
Texas	487	483	506	500	502	453	318	400	432	573	536
Utah	21	31	32	39	39	29	21	35	22	18	20
Vermont	10	15	9	11	5	7	6	10	6	5	8
Virginia	120	99	112	107	108	81	77	77	76	84	89
Washington	46	57	69	65	79	55	31	30	33	45	40
West Virginia	57	64	55	48	48	47	34	50	34	45	46
Wisconsin	101	107	87	76	85	63	55	56	71	65	83
Wyoming	30	41	31	42	24	30	11	27	26	26	25
U.S. Total	**5,036**	**5,235**	**5,240**	**5,027**	**4,822**	**4,245**	**3,380**	**3,686**	**3,781**	**3,944**	**3,964**

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).

Trends Table 30. Fatal Crashes Involving Large Trucks by State, 2003-2013

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Alabama	130	132	107	118	120	114	73	102	88	100	101
Alaska	5	13	4	4	4	5	3	5	0	4	3
Arizona	95	88	99	112	88	83	58	52	57	66	56
Arkansas	93	89	106	84	97	69	70	74	82	82	74
California	311	359	357	358	326	283	240	219	249	233	227
Colorado	58	60	62	60	67	53	35	42	42	47	50
Connecticut	23	25	18	26	22	23	13	23	13	16	19
Delaware	15	18	7	17	6	7	7	9	9	8	10
District of Columbia	0	5	3	2	2	1	1	3	2	1	3
Florida	314	322	341	309	259	237	170	170	194	182	179
Georgia	201	214	211	208	197	168	129	138	155	139	142
Hawaii	4	4	4	7	3	6	4	4	3	6	7
Idaho	37	28	27	24	24	26	18	15	18	13	32
Illinois	162	139	171	136	137	126	85	100	109	106	123
Indiana	142	139	125	120	125	114	82	101	111	101	98
Iowa	56	58	61	66	62	63	56	79	48	52	57
Kansas	62	76	67	61	69	53	50	68	56	55	63
Kentucky	108	110	108	93	95	93	101	84	82	76	69
Louisiana	107	94	107	90	104	97	68	88	71	90	70
Maine	13	18	17	18	19	20	20	13	16	10	16
Maryland	55	67	56	56	59	48	45	39	37	54	54
Massachusetts	34	39	22	32	27	21	18	19	33	17	29
Michigan	104	110	100	106	109	82	62	80	58	67	74
Minnesota	61	65	59	59	67	62	48	74	49	53	70
Mississippi	61	81	77	74	67	66	53	52	58	39	55
Missouri	140	132	142	120	120	107	79	76	90	84	71
Montana	21	14	22	25	29	24	21	12	23	11	19
Nebraska	46	39	39	27	37	38	40	45	27	34	25
Nevada	32	25	44	37	25	20	18	15	24	19	17
New Hampshire	12	13	11	7	10	12	7	6	8	6	11
New Jersey	69	82	93	67	60	44	60	52	51	55	57
New Mexico	37	52	50	62	53	40	33	41	41	38	47
New York	139	121	127	155	137	109	100	111	107	90	108
North Carolina	148	174	182	136	143	140	112	98	108	117	122
North Dakota	14	14	10	14	12	19	28	14	30	40	54
Ohio	134	160	158	141	116	129	101	114	105	138	120
Oklahoma	90	92	103	117	87	100	71	87	95	108	104
Oregon	49	46	59	47	46	35	27	42	48	27	32
Pennsylvania	188	165	170	169	179	174	120	152	150	149	144
Rhode Island	6	5	1	8	6	2	4	2	1	3	5
South Carolina	89	97	110	80	78	73	76	57	77	79	61
South Dakota	14	17	13	17	14	13	12	19	10	15	17
Tennessee	103	128	134	129	129	83	82	82	97	97	108
Texas	419	396	429	409	430	392	273	349	386	496	457
Utah	17	26	26	32	34	28	21	27	20	16	19
Vermont	10	12	8	10	4	6	6	9	6	5	7
Virginia	107	90	102	96	96	70	68	72	69	75	81
Washington	38	50	55	62	69	52	29	27	28	41	34
West Virginia	51	56	48	43	41	38	29	39	32	44	44
Wisconsin	86	90	76	70	74	59	46	51	68	57	75
Wyoming	25	29	23	30	20	27	11	19	24	25	21
U.S. Total	**4,335**	**4,478**	**4,551**	**4,350**	**4,204**	**3,754**	**2,983**	**3,271**	**3,365**	**3,486**	**3,541**

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).

Trends Table 31. Large Trucks Involved in Fatal Crashes by State, 2003-2013

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Alabama	148	135	118	126	127	124	81	105	96	111	107
Alaska	5	13	4	4	5	5	3	5	0	4	4
Arizona	102	102	107	129	95	100	67	54	65	73	69
Arkansas	101	93	129	97	110	76	80	79	101	88	86
California	333	381	377	384	394	304	263	240	265	251	249
Colorado	61	64	65	73	77	58	40	46	46	51	51
Connecticut	24	27	19	28	25	28	15	23	14	16	19
Delaware	15	19	7	18	6	7	7	9	10	10	10
District of Columbia	0	5	3	2	2	1	1	3	2	1	3
Florida	343	359	383	336	287	270	179	179	201	193	187
Georgia	208	233	240	227	212	180	135	145	169	149	157
Hawaii	4	4	4	7	3	6	4	4	3	6	7
Idaho	38	29	31	24	26	32	18	15	18	17	32
Illinois	178	151	196	158	148	138	90	113	120	115	136
Indiana	166	166	137	137	143	129	108	111	130	115	115
Iowa	62	60	65	73	70	69	63	90	49	65	59
Kansas	73	85	72	64	74	57	51	71	58	59	66
Kentucky	117	123	117	104	103	98	109	90	88	88	71
Louisiana	117	103	121	97	115	104	74	93	81	102	74
Maine	14	18	18	18	20	21	21	13	17	10	16
Maryland	63	76	57	60	63	49	52	39	38	57	61
Massachusetts	34	42	24	33	27	22	19	19	33	17	29
Michigan	110	121	106	113	115	90	64	83	61	70	88
Minnesota	62	67	61	60	74	62	50	77	53	54	74
Mississippi	67	84	80	81	70	70	54	55	62	44	57
Missouri	153	145	152	130	138	117	83	76	95	89	77
Montana	21	15	22	26	29	28	21	13	24	11	19
Nebraska	52	41	46	28	44	41	42	49	29	42	27
Nevada	36	28	48	43	25	21	19	16	28	21	24
New Hampshire	13	13	11	7	10	12	7	6	8	6	11
New Jersey	85	94	106	75	70	48	65	59	59	62	64
New Mexico	39	58	57	67	60	43	33	43	44	39	55
New York	147	128	137	163	145	113	101	116	112	97	114
North Carolina	160	184	193	148	151	143	116	104	118	132	125
North Dakota	14	14	10	17	13	21	28	17	32	44	64
Ohio	147	179	174	152	124	133	108	123	113	145	151
Oklahoma	104	97	111	134	96	108	78	88	100	124	116
Oregon	52	47	60	50	52	39	29	49	48	28	34
Pennsylvania	213	209	188	183	214	195	131	159	163	175	170
Rhode Island	6	5	1	9	6	2	4	2	1	3	5
South Carolina	96	102	119	90	81	81	78	61	79	81	67
South Dakota	14	17	15	17	14	13	12	19	10	16	18
Tennessee	113	141	150	144	147	92	86	89	101	108	121
Texas	448	436	457	450	465	432	299	376	414	548	493
Utah	18	26	28	32	36	32	25	28	24	17	21
Vermont	12	12	10	10	4	6	6	11	6	6	7
Virginia	122	97	106	105	103	74	75	87	74	88	100
Washington	39	52	58	68	71	54	30	27	35	43	38
West Virginia	55	61	49	45	45	46	29	40	32	47	48
Wisconsin	89	94	78	72	78	67	46	53	77	60	85
Wyoming	28	47	24	48	21	28	12	22	27	27	25
U.S. Total	**4,721**	**4,902**	**4,951**	**4,766**	**4,633**	**4,089**	**3,211**	**3,494**	**3,633**	**3,825**	**3,906**

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).

Trends Table 32. Single-Vehicle Fatal Crashes Involving Large Trucks by State, 2003-2013

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Alabama	16	18	10	17	17	18	15	9	11	13	24
Alaska	2	5	1	1	2	1	1	0	0	1	0
Arizona	16	19	15	22	22	15	18	6	14	19	15
Arkansas	18	16	22	20	24	13	15	16	18	20	20
California	59	71	70	72	73	56	48	60	63	57	64
Colorado	8	8	17	13	18	14	10	6	12	8	17
Connecticut	7	7	2	3	5	7	2	8	2	5	4
Delaware	0	2	3	2	0	0	3	1	1	3	3
District of Columbia	0	3	2	1	2	1	1	3	1	1	1
Florida	56	49	58	54	49	43	34	35	54	38	39
Georgia	39	39	30	34	33	34	33	19	29	25	32
Hawaii	2	0	0	1	0	3	1	0	1	2	6
Idaho	8	6	6	1	6	7	4	5	3	1	8
Illinois	22	20	35	23	23	21	9	18	26	17	20
Indiana	17	22	25	20	19	15	12	9	20	15	17
Iowa	6	12	5	8	11	12	8	12	12	7	11
Kansas	5	9	10	13	4	7	5	9	9	19	12
Kentucky	16	20	21	25	18	20	16	10	19	16	12
Louisiana	14	15	18	12	21	24	8	16	11	21	12
Maine	2	3	3	6	4	7	0	4	3	2	3
Maryland	6	13	11	8	13	7	9	6	9	8	8
Massachusetts	11	12	2	7	10	9	6	5	6	7	11
Michigan	14	14	10	19	8	10	13	16	7	8	8
Minnesota	8	11	10	11	4	13	10	11	10	10	8
Mississippi	8	16	13	17	13	13	10	5	9	5	16
Missouri	30	15	25	25	26	13	12	15	25	22	20
Montana	2	8	8	7	13	7	8	1	2	4	4
Nebraska	4	2	4	3	2	3	2	10	2	3	7
Nevada	12	2	10	5	6	3	7	3	9	4	4
New Hampshire	1	5	2	0	0	0	1	0	2	0	3
New Jersey	8	20	19	11	15	9	14	12	13	18	11
New Mexico	10	15	12	11	18	15	10	8	12	16	14
New York	49	35	53	53	47	40	31	35	40	27	40
North Carolina	21	34	31	18	30	33	18	23	20	29	28
North Dakota	1	0	3	2	2	4	5	3	4	7	12
Ohio	13	13	20	27	14	23	10	14	18	15	18
Oklahoma	16	18	21	24	18	17	18	21	23	27	23
Oregon	8	10	11	12	8	8	8	14	18	6	9
Pennsylvania	35	31	28	42	33	29	22	38	26	16	28
Rhode Island	2	0	0	3	2	0	1	0	0	0	2
South Carolina	20	19	19	12	15	20	15	9	26	15	10
South Dakota	3	4	1	5	4	1	3	6	2	0	1
Tennessee	20	16	25	23	31	13	21	18	19	18	16
Texas	81	60	84	79	78	77	53	52	75	120	98
Utah	3	10	8	8	10	5	7	3	7	2	7
Vermont	2	2	0	2	1	0	2	1	2	1	1
Virginia	15	20	27	21	15	17	13	20	16	23	17
Washington	5	8	11	12	21	15	9	6	6	9	7
West Virginia	7	10	10	9	6	7	8	6	4	7	13
Wisconsin	14	12	13	4	9	7	2	10	6	9	11
Wyoming	9	6	6	8	7	9	5	3	5	7	3
U.S. Total	**751**	**785**	**850**	**836**	**830**	**745**	**596**	**620**	**732**	**733**	**778**

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).

Trends Table 33. Multiple-Vehicle Fatal Crashes Involving Large Trucks by State, 2003-2013

State	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Alabama	114	114	97	101	103	96	58	93	77	87	77
Alaska	3	8	3	3	2	4	2	5	0	3	3
Arizona	79	69	84	90	66	68	40	46	43	47	41
Arkansas	75	73	84	64	73	56	55	58	64	62	54
California	252	288	287	286	253	227	192	159	186	176	163
Colorado	50	52	45	47	49	39	25	36	30	39	33
Connecticut	16	18	16	23	17	16	11	15	11	11	15
Delaware	15	16	4	15	6	7	4	8	8	5	7
District of Columbia	0	2	1	1	0	0	0	0	1	0	2
Florida	258	273	283	255	210	194	136	135	140	144	140
Georgia	162	175	181	174	164	134	96	119	126	114	110
Hawaii	2	4	4	6	3	3	3	4	2	4	1
Idaho	29	22	21	23	18	19	14	10	15	12	24
Illinois	140	119	136	113	114	105	76	82	83	89	103
Indiana	125	117	100	100	106	99	70	92	91	86	81
Iowa	50	46	56	58	51	51	48	67	36	45	46
Kansas	57	67	57	48	65	46	45	59	47	36	51
Kentucky	92	90	87	68	77	73	85	74	63	60	57
Louisiana	93	79	89	78	83	73	60	72	60	69	58
Maine	11	15	14	12	15	13	20	9	13	8	13
Maryland	49	54	45	48	46	41	36	33	28	46	46
Massachusetts	23	27	20	25	17	12	12	14	27	10	18
Michigan	90	96	90	87	101	72	49	64	51	59	66
Minnesota	53	54	49	48	63	49	38	63	39	43	62
Mississippi	53	65	64	57	54	53	43	47	49	34	39
Missouri	110	117	117	95	94	94	67	61	65	62	51
Montana	19	6	14	18	16	17	13	11	21	7	15
Nebraska	42	37	35	24	35	35	38	35	25	31	18
Nevada	20	23	34	32	19	17	11	12	15	15	13
New Hampshire	11	8	9	7	10	12	6	6	6	6	8
New Jersey	61	62	74	56	45	35	46	40	38	37	46
New Mexico	27	37	38	51	35	25	23	33	29	22	33
New York	90	86	74	102	90	69	69	76	67	63	68
North Carolina	127	140	151	118	113	107	94	75	88	88	94
North Dakota	13	14	7	12	10	15	23	11	26	33	42
Ohio	121	147	138	114	102	106	91	100	87	123	102
Oklahoma	74	74	82	93	69	83	53	66	72	81	81
Oregon	41	36	48	35	38	27	19	28	30	21	23
Pennsylvania	153	134	142	127	146	145	98	114	124	133	116
Rhode Island	4	5	1	5	4	2	3	2	1	3	3
South Carolina	69	78	91	68	63	53	61	48	51	64	51
South Dakota	11	13	12	12	10	12	9	13	8	15	16
Tennessee	83	112	109	106	98	70	61	64	78	79	92
Texas	338	336	345	330	352	315	220	297	311	376	359
Utah	14	16	18	24	24	23	14	24	13	14	12
Vermont	8	10	8	8	3	6	4	8	4	4	6
Virginia	92	70	75	75	81	53	55	52	53	52	64
Washington	33	42	44	50	48	37	20	21	22	32	27
West Virginia	44	46	38	34	35	31	21	33	28	37	31
Wisconsin	72	78	63	66	65	52	44	41	62	48	64
Wyoming	16	23	17	22	13	18	6	16	19	18	18
U.S. Total	**3,584**	**3,693**	**3,701**	**3,514**	**3,374**	**3,009**	**2,387**	**2,651**	**2,633**	**2,753**	**2,763**

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 in this section:

- Of the approximately 327,000 police-reported crashes involving large trucks in 2013, 3,541 (1 percent) resulted in at least one fatality, and 69,000 (21 percent) resulted in at least one nonfatal injury.
- Single-vehicle crashes (including crashes that involved a bicyclist, pedestrian, nonmotorized vehicle, etc.) made up 22 percent of all fatal crashes, 14 percent of all injury crashes, and 24 percent of all property damage only crashes involving large trucks in 2013. The majority (63 percent) of fatal large truck crashes involved two vehicles.
- Almost two-thirds (64 percent) of all fatal crashes involving large trucks occurred on rural roads, and 25 percent occurred on rural or urban Interstate highways.
- Thirty-four percent of all fatal crashes, 22 percent of all injury crashes, and 19 percent of all property damage only crashes involving large trucks occurred at night (6:00 pm to 6:00 am).
- The vast majority of fatal crashes (84 percent) and nonfatal crashes (89 percent) involving large trucks occurred on weekdays (Monday through Friday).
- Collision with a vehicle in transport was the first harmful event (the first event during a crash that resulted in injury or property damage) in 73 percent of fatal crashes involving large trucks, 83 percent of injury crashes involving large trucks, and 75 percent of property damage only crashes involving large trucks.
- Rollover was the first harmful event in 5 percent of all fatal crashes involving large trucks and 2 percent of all nonfatal crashes involving large trucks.
- In 2013, 28 percent of work zone fatal crashes and 11 percent of work zone injury crashes involved at least one large truck.
- There were 11.2 fatal large truck crashes per million people in the United States in 2013, a 6-percent increase from 2010.

Crashes Table 1. Fatal Crashes Involving Large Trucks by First Harmful Event, 2011-2013

First Harmful Event	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Collision with Vehicle in Transport	2,434	72.3%	2,574	73.8%	2,568	72.5%
Collision with Fixed Object	322	9.6%	350	10.0%	348	9.8%
Collision with Pedestrian	279	8.3%	253	7.3%	283	8.0%
Overturn (Rollover)	158	4.7%	153	4.4%	163	4.6%
Collision with Pedalcycle or Other Personal Conveyance	72	2.1%	72	2.1%	88	2.5%
Collision with Parked Motor Vehicle	40	1.2%	34	1.0%	32	0.9%
Collision with Train	10	0.3%	9	0.3%	14	0.4%
Collision with Other Object	10	0.3%	7	0.2%	9	0.3%
Collision with Animal	13	0.4%	8	0.2%	6	0.2%
Explosion/Fire	0	0.0%	0	0.0%	1	*
Jackknife	3	0.1%	2	0.1%	9	0.3%
Pavement Surface Irregularity	0	0.0%	0	0.0%	0	0.0%
Cargo Equipment Loss or Shift	1	*	1	*	3	0.1%
Other	23	0.7%	23	0.7%	17	0.5%
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**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).

Crashes Table 2. Crashes Involving Large Trucks by First Harmful Event, Number of Vehicles Involved, and Crash Severity, 2013

First Harmful Event	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes						
Collision with Vehicle in Transport	0	0.0%	2,568	92.9%	**2,568**	**72.5%**
Collision with Fixed Object	249	32.0%	99	3.6%	**348**	**9.8%**
Collision with Pedestrian	257	33.0%	26	0.9%	**283**	**8.0%**
Overturn (Rollover)	123	15.8%	40	1.4%	**163**	**4.6%**
Collision with Pedalcycle or Other Personal Conveyance	86	11.1%	2	0.1%	**88**	**2.5%**
Collision with Parked Motor Vehicle	26	3.3%	6	0.2%	**32**	**0.9%**
Collision with Train	13	1.7%	1	*	**14**	**0.4%**
Collision with Other Object	4	0.5%	5	0.2%	**9**	**0.3%**
Collision with Animal	3	0.4%	3	0.1%	**6**	**0.2%**
Explosion/Fire	1	0.1%	0	0.0%	**1**	*
Jackknife	1	0.1%	8	0.3%	**9**	**0.3%**
Pavement Surface Irregularity	0	0.0%	0	0.0%	**0**	**0.0%**
Cargo Equipment Loss or Shift	3	0.4%	0	0.0%	**3**	**0.1%**
Other	12	1.5%	5	0.2%	**17**	**0.5%**
Total	**778**	**100.0%**	**2,763**	**100.0%**	**3,541**	**100.0%**
Injury Crashes						
Collision with Vehicle in Transport	*	*	57,000	96.1%	**57,000**	**83.0%**
Collision with Fixed Object	4,000	39.7%	2,000	2.9%	**5,000**	**7.8%**
Collision with Pedestrian	1,000	6.2%	*	*	**1,000**	**0.8%**
Overturn (Rollover)	4,000	38.5%	*	0.3%	**4,000**	**5.5%**
Collision with Pedalcycle or Other Personal Conveyance	1,000	6.9%	*	*	**1,000**	**0.9%**
Collision with Parked Motor Vehicle	1,000	5.7%	*	*	**1,000**	**0.8%**
Collision with Train	*	*	*	*	*	*
Collision with Other Object	*	*	*	*	*	*
Collision with Animal	*	2.0%	*	0.1%	*	**0.4%**
Explosion/Fire	*	*	*	*	*	*
Jackknife	*	*	*	*	*	*
Pavement Surface Irregularity	*	*	*	*	*	*
Cargo Equipment Loss or Shift	*	1.0%	*	*	*	**0.1%**
Other	*	*	*	0.7%	*	**0.6%**
Total	**9,000**	**100.0%**	**60,000**	**100.0%**	**69,000**	**100.0%**
Property Damage Only Crashes						
Collision with Vehicle in Transport	*	*	190,000	98.7%	**190,000**	**74.8%**
Collision with Fixed Object	28,000	46.3%	1,000	0.7%	**30,000**	**11.8%**
Collision with Pedestrian	1,000	0.9%	*	*	**1,000**	**0.2%**
Overturn (Rollover)	4,000	6.4%	*	*	**4,000**	**1.5%**
Collision with Pedalcycle or Other Personal Conveyance	*	*	*	*	*	*
Collision with Parked Motor Vehicle	19,000	30.8%	*	*	**19,000**	**7.5%**
Collision with Train	*	*	*	*	*	*
Collision with Other Object	3,000	4.5%	*	0.2%	**3,000**	**1.2%**
Collision with Animal	3,000	4.1%	*	*	**3,000**	**1.0%**
Explosion/Fire	*	0.5%	*	*	*	**0.1%**
Jackknife	3,000	4.2%	*	0.1%	**3,000**	**1.1%**
Pavement Surface Irregularity	*	*	*	*	*	*
Cargo Equipment Loss or Shift	1,000	1.1%	*	0.1%	**1,000**	**0.3%**
Other	1,000	1.2%	*	0.2%	**1,000**	**0.4%**
Total	**62,000**	**100.0%**	**192,000**	**100.0%**	**254,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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).

Crashes Table 3. Fatal Crashes Involving Large Trucks by Speed Limit, 2011-2013

Speed Limit	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
25 mph or Less	69	2.1%	73	2.1%	86	2.4%
30 - 35 mph	218	6.5%	236	6.8%	267	7.5%
40 - 45 mph	478	14.2%	519	14.9%	491	13.9%
50 - 55 mph	1,259	37.4%	1,217	34.9%	1,273	36.0%
60 - 65 mph	740	22.0%	701	20.1%	726	20.5%
70 - 75 mph	491	14.6%	597	17.1%	585	16.5%
80 - 85 mph	1	*	7	0.2%	12	0.3%
No Statutory Limit	10	0.3%	25	0.7%	33	0.9%
Unknown	99	2.9%	111	3.2%	68	1.9%
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**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).

Crashes Table 4. Fatal Crashes Involving Large Trucks by Speed Limit and Number of Vehicles Involved, 2013

Speed Limit	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
25 mph or Less	58	7.5%	28	1.0%	**86**	**2.4%**
30 - 35 mph	91	11.7%	176	6.4%	**267**	**7.5%**
40 - 45 mph	108	13.9%	383	13.9%	**491**	**13.9%**
50 - 55 mph	211	27.1%	1,062	38.4%	**1,273**	**36.0%**
60 - 65 mph	120	15.4%	606	21.9%	**726**	**20.5%**
70 - 75 mph	158	20.3%	427	15.5%	**585**	**16.5%**
80 - 85 mph	4	0.5%	8	0.3%	**12**	**0.3%**
No Statutory Limit	7	0.9%	26	0.9%	**33**	**0.9%**
Unknown	21	2.7%	47	1.7%	**68**	**1.9%**
Total	**778**	**100.0%**	**2,763**	**100.0%**	**3,541**	**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).

Crashes Table 5. Fatal Crashes Involving Large Trucks by Roadway Function Class, 2011-2013

Roadway Function Class	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Rural Crashes						
Interstate	461	13.7%	439	12.6%	488	13.8%
Other Principal Arterial	737	21.9%	735	21.1%	716	20.2%
Minor Arterial	403	12.0%	444	12.7%	477	13.5%
Major Collector	347	10.3%	384	11.0%	371	10.5%
Minor Collector	45	1.3%	59	1.7%	52	1.5%
Local Roads	130	3.9%	126	3.6%	146	4.1%
Unknown	5	0.1%	12	0.3%	4	0.1%
Total	**2,128**	**63.2%**	**2,199**	**63.1%**	**2,254**	**63.7%**
Urban Crashes						
Interstate	393	11.7%	389	11.2%	391	11.0%
Freeway/Expressway	128	3.8%	117	3.4%	114	3.2%
Other Principal Arterial	339	10.1%	415	11.9%	419	11.8%
Minor Arterial	190	5.6%	171	4.9%	167	4.7%
Collector	53	1.6%	59	1.7%	56	1.6%
Local Roads	124	3.7%	132	3.8%	135	3.8%
Unknown	3	0.1%	3	0.1%	2	0.1%
Total	**1,230**	**36.6%**	**1,286**	**36.9%**	**1,284**	**36.3%**
Unknown Rural or Urban	7	0.2%	1	*	3	0.1%
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**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).

Crashes Table 6. Fatal Crashes Involving Large Trucks by Roadway Function Class and Number of Vehicles Involved, 2013

Roadway Function Class	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
Rural Crashes						
Interstate	140	18.0%	348	12.6%	**488**	**13.8%**
Other Principal Arterial	85	10.9%	631	22.8%	**716**	**20.2%**
Minor Arterial	65	8.4%	412	14.9%	**477**	**13.5%**
Major Collector	81	10.4%	290	10.5%	**371**	**10.5%**
Minor Collector	13	1.7%	39	1.4%	**52**	**1.5%**
Local Roads	62	8.0%	84	3.0%	**146**	**4.1%**
Unknown	2	0.3%	2	0.1%	**4**	**0.1%**
Total	**448**	**57.6%**	**1,806**	**65.4%**	**2,254**	**63.7%**
Urban Crashes						
Interstate	98	12.6%	293	10.6%	**391**	**11.0%**
Freeway/Expressway	27	3.5%	87	3.1%	**114**	**3.2%**
Other Principal Arterial	92	11.8%	327	11.8%	**419**	**11.8%**
Minor Arterial	32	4.1%	135	4.9%	**167**	**4.7%**
Collector	12	1.5%	44	1.6%	**56**	**1.6%**
Local Roads	69	8.9%	66	2.4%	**135**	**3.8%**
Unknown	0	0.0%	2	0.1%	**2**	**0.1%**
Total	**330**	**42.4%**	**954**	**34.5%**	**1,284**	**36.3%**
Unknown Rural or Urban	0	0.0%	3	0.1%	**3**	**0.1%**
Total	**778**	**100.0%**	**2,763**	**100.0%**	**3,541**	**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).

Crashes Table 7. Fatal Crashes Involving Large Trucks by Time of Day, 2011-2013

Time of Day	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
12am - 3am	265	7.9%	294	8.4%	266	7.5%
3am - 6am	334	9.9%	344	9.9%	336	9.5%
6am - 9am	505	15.0%	518	14.9%	548	15.5%
9am - 12pm	518	15.4%	558	16.0%	588	16.6%
12pm - 3pm	641	19.0%	630	18.1%	676	19.1%
3pm - 6pm	550	16.3%	530	15.2%	525	14.8%
6pm - 9pm	288	8.6%	334	9.6%	317	9.0%
9pm - 12am	262	7.8%	277	7.9%	283	8.0%
Unknown	2	0.1%	1	*	2	0.1%
Daytime (6am - 6pm)	*2,214*	*65.8%*	*2,236*	*64.1%*	*2,337*	*66.0%*
Nighttime (6pm - 6am)	*1,151*	*34.2%*	*1,250*	*35.9%*	*1,204*	*34.0%*
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**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).

Crashes Table 8. Crashes Involving Large Trucks by Time of Day and Crash Severity, 2013

Time of Day	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
12am - 3am	266	7.5%	2,000	3.5%	8,000	3.1%
3am - 6am	336	9.5%	4,000	5.2%	12,000	4.6%
6am - 9am	548	15.5%	13,000	18.9%	46,000	18.0%
9am - 12pm	588	16.6%	12,000	17.1%	58,000	22.7%
12pm - 3pm	676	19.1%	14,000	20.9%	55,000	21.8%
3pm - 6pm	525	14.8%	14,000	20.9%	47,000	18.7%
6pm - 9pm	317	9.0%	5,000	7.6%	17,000	6.8%
9pm - 12am	283	8.0%	4,000	5.9%	11,000	4.3%
Unknown	2	0.1%	*	*	*	*
Daytime (6am - 6pm)	*2,337*	*66.0%*	*54,000*	*77.8%*	*206,000*	*81.2%*
Nighttime (6pm - 6am)	*1,204*	*34.0%*	*15,000*	*22.2%*	*48,000*	*18.8%*
Total	**3,541**	**100.0%**	**69,000**	**100.0%**	**254,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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).

Crashes Table 9. Fatal Crashes Involving Large Trucks by Day of Week, 2011-2013

Day of Week	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Sunday	227	6.7%	246	7.1%	231	6.5%
Monday	536	15.9%	592	17.0%	573	16.2%
Tuesday	605	18.0%	598	17.2%	632	17.8%
Wednesday	565	16.8%	552	15.8%	591	16.7%
Thursday	570	16.9%	590	16.9%	578	16.3%
Friday	572	17.0%	573	16.4%	587	16.6%
Saturday	290	8.6%	335	9.6%	349	9.9%
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**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).

Crashes Table 10. Crashes Involving Large Trucks by Day of Week and Crash Severity, 2013

Day of Week	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Sunday	231	6.5%	4,000	5.1%	10,000	3.8%
Monday	573	16.2%	10,000	15.2%	51,000	20.2%
Tuesday	632	17.8%	14,000	20.5%	50,000	19.8%
Wednesday	591	16.7%	12,000	17.2%	43,000	16.9%
Thursday	578	16.3%	12,000	16.9%	39,000	15.3%
Friday	587	16.6%	11,000	16.3%	45,000	17.9%
Saturday	349	9.9%	6,000	8.8%	16,000	6.1%
Total	**3,541**	**100.0%**	**69,000**	**100.0%**	**254,000**	**100.0%**

Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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).

Crashes Table 11. Fatal Crashes Involving Large Trucks by Trafficway Flow, 2011-2013

Trafficway Flow	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Two-Way, Not Divided	1,739	51.7%	1,851	53.1%	1,823	51.5%
Two-Way, Divided, Unprotected Median	791	23.5%	750	21.5%	758	21.4%
Two-Way, Divided, Positive Median Barrier	644	19.1%	643	18.4%	712	20.1%
Two-Way, Not Divided, With a Continuous Left-Turn Lane	100	3.0%	131	3.8%	125	3.5%
Entrance/Exit Ramp	48	1.4%	55	1.6%	50	1.4%
One-Way Trafficway	30	0.9%	28	0.8%	33	0.9%
Non-Trafficway Area	8	0.2%	25	0.7%	31	0.9%
Unknown	5	0.1%	3	0.1%	9	0.3%
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**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).

Crashes Table 12. Crashes Involving Large Trucks by Trafficway Flow and Crash Severity, 2013

Trafficway Flow	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Two-Way, Not Divided	1,823	51.5%	23,000	33.2%	94,000	37.0%
Two-Way, Divided, Unprotected Median	758	21.4%	10,000	14.4%	29,000	11.5%
Two-Way, Divided, Positive Median Barrier	712	20.1%	19,000	27.6%	52,000	20.6%
Two-Way, Not Divided, With a Continuous Left-Turn Lane	125	3.5%	2,000	2.6%	7,000	2.8%
Entrance/Exit Ramp	50	1.4%	2,000	2.8%	9,000	3.4%
One-Way Trafficway	33	0.9%	2,000	2.6%	10,000	3.9%
Non-Trafficway Area	31	0.9%	1,000	1.5%	5,000	1.9%
Unknown	9	0.3%	11,000	15.4%	48,000	18.9%
Total	**3,541**	**100.0%**	**69,000**	**100.0%**	**254,000**	**100.0%**

Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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).

Crashes Table 13. Fatal Crashes Involving Large Trucks by Relation to Junction, 2011-2013

Relation to Junction	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Non-Interchange Area						
Non-Junction	2,133	63.4%	2,146	61.6%	2,181	61.6%
Intersection	675	20.1%	712	20.4%	744	21.0%
Intersection Related	156	4.6%	196	5.6%	158	4.5%
Driveway Access	37	1.1%	30	0.9%	26	0.7%
Driveway Access Related	120	3.6%	147	4.2%	188	5.3%
Entrance/Exit Ramp	—	—	—	—	2	0.1%
Entrance/Exit Ramp Related	13	0.4%	17	0.5%	9	0.3%
Railway Grade Crossing	11	0.3%	12	0.3%	16	0.5%
Acceleration/Deceleration Lane	0	0.0%	0	0.0%	0	0.0%
Through Roadway	0	0.0%	0	0.0%	0	0.0%
Crossover Related	12	0.4%	25	0.7%	18	0.5%
Other	1	*	0	0.0%	0	0.0%
Unknown	0	0.0%	1	*	0	0.0%
Total	**3,158**	**93.8%**	**3,286**	**94.3%**	**3,342**	**94.4%**
Interchange Area						
Non-Junction	0	0.0%	0	0.0%	0	0.0%
Intersection	28	0.8%	39	1.1%	23	0.6%
Intersection Related	8	0.2%	7	0.2%	9	0.3%
Driveway Access	0	0.0%	0	0.0%	0	0.0%
Driveway Access Related	0	0.0%	1	*	0	0.0%
Entrance/Exit Ramp	—	—	—	—	12	0.3%
Entrance/Exit Ramp Related	57	1.7%	63	1.8%	52	1.5%
Railway Grade Crossing	0	0.0%	0	0.0%	0	0.0%
Acceleration/Deceleration Lane	3	0.1%	4	0.1%	4	0.1%
Through Roadway	99	2.9%	78	2.2%	70	2.0%
Crossover Related	3	0.1%	1	*	0	0.0%
Other	9	0.3%	6	0.2%	27	0.8%
Unknown	0	0.0%	1	*	2	0.1%
Total	**207**	**6.2%**	**200**	**5.7%**	**199**	**5.6%**
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**100.0%**

*Less than 0.05 percent.
— Not an option for 2011 and 2012.
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 Table 14. Crashes Involving Large Trucks by Relation to Junction and Crash Severity, 2013

Relation to Junction	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Non-Interchange Area						
Non-Junction	2,181	61.6%	37,000	53.5%	131,000	51.8%
Intersection	744	21.0%	15,000	21.0%	33,000	13.0%
Intersection Related	158	4.5%	9,000	13.6%	53,000	21.0%
Driveway Access	26	0.7%	*	0.7%	*	*
Driveway Access Related	188	5.3%	4,000	5.3%	18,000	7.2%
Entrance/Exit Ramp	2	0.1%	*	0.7%	1,000	0.3%
Entrance/Exit Ramp Related	9	0.3%	1,000	0.9%	4,000	1.5%
Railway Grade Crossing	16	0.5%	*	0.1%	1,000	0.3%
Acceleration/Deceleration Lane	0	0.0%	*	*	*	*
Through Roadway	0	0.0%	*	*	*	*
Crossover Related	18	0.5%	*	*	1,000	0.3%
Other	0	0.0%	*	*	*	*
Unknown	0	0.0%	*	*	*	*
Total	**3,342**	**94.4%**	**66,000**	**95.8%**	**242,000**	**95.4%**
Interchange Area						
Non-Junction	0	0.0%	*	*	*	*
Intersection	23	0.6%	*	0.4%	2,000	0.8%
Intersection Related	9	0.3%	*	0.4%	3,000	1.1%
Driveway Access	0	0.0%	*	*	*	*
Driveway Access Related	0	0.0%	*	*	*	*
Entrance/Exit Ramp	12	0.3%	*	0.2%	1,000	0.5%
Entrance/Exit Ramp Related	52	1.5%	1,000	1.6%	2,000	0.9%
Railway Grade Crossing	0	0.0%	*	*	*	*
Acceleration/Deceleration Lane	4	0.1%	*	0.1%	*	*
Through Roadway	70	2.0%	1,000	1.6%	3,000	1.1%
Crossover Related	0	0.0%	*	*	*	*
Other	27	0.8%	*	0.1%	1,000	0.2%
Unknown	2	0.1%	*	*	*	*
Total	**199**	**5.6%**	**3,000**	**4.2%**	**12,000**	**4.6%**
Total	**3,541**	**100.0%**	**69,000**	**100.0%**	**254,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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).

Crashes Table 15. Fatal Crashes Involving Large Trucks by Relation to Roadway, 2011-2013

Relation to Roadway	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
On Roadway	2,854	84.8%	2,948	84.6%	2,999	84.7%
On Shoulder	85	2.5%	81	2.3%	81	2.3%
On Median	117	3.5%	97	2.8%	105	3.0%
On Roadside	251	7.5%	304	8.7%	298	8.4%
Outside Trafficway	33	1.0%	32	0.9%	31	0.9%
Off Roadway, Location Unknown	7	0.2%	10	0.3%	4	0.1%
In Parking Lane	2	0.1%	4	0.1%	0	0.0%
Gore	10	0.3%	4	0.1%	11	0.3%
Separator	3	0.1%	3	0.1%	6	0.2%
Continuous Left-Turn Lane	3	0.1%	3	0.1%	6	0.2%
Unknown	0	0.0%	0	0.0%	0	0.0%
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**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).

Crashes Table 16. Crashes Involving Large Trucks by Relation to Roadway, Number of Vehicles Involved, and Crash Severity, 2013

Relation to Roadway	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes						
On Roadway	395	50.8%	2,604	94.2%	**2,999**	**84.7%**
On Shoulder	39	5.0%	42	1.5%	**81**	**2.3%**
On Median	54	6.9%	51	1.8%	**105**	**3.0%**
On Roadside	253	32.5%	45	1.6%	**298**	**8.4%**
Outside Trafficway	26	3.3%	5	0.2%	**31**	**0.9%**
Off Roadway, Location Unknown	3	0.4%	1	*	**4**	**0.1%**
In Parking Lane	0	0.0%	0	0.0%	**0**	**0.0%**
Gore	4	0.5%	7	0.3%	**11**	**0.3%**
Separator	3	0.4%	3	0.1%	**6**	**0.2%**
Continuous Left-Turn Lane	1	0.1%	5	0.2%	**6**	**0.2%**
Unknown	0	0.0%	0	0.0%	**0**	**0.0%**
Total	**778**	**100.0%**	**2,763**	**100.0%**	3,541	100.0%
Injury Crashes						
On Roadway	3,000	35.7%	58,000	96.4%	**61,000**	**88.2%**
On Shoulder	*	3.2%	*	0.1%	*	**0.5%**
On Median	1,000	10.9%	1,000	2.1%	**2,000**	**3.3%**
On Roadside	4,000	42.4%	1,000	1.3%	**5,000**	**6.9%**
Outside Trafficway	*	2.7%	*	*	*	**0.4%**
Off Roadway, Location Unknown	*	1.1%	*	*	*	**0.2%**
In Parking Lane	*	3.3%	*	*	*	**0.5%**
Gore	*	*	*	*	*	*
Separator	*	0.6%	*	*	*	**0.1%**
Continuous Left-Turn Lane	*	*	*	0.1%	*	**0.1%**
Unknown	*	*	*	*	*	*
Total	**9,000**	**100.0%**	**60,000**	**100.0%**	69,000	100.0%
Property Damage Only Crashes						
On Roadway	17,000	26.8%	190,000	98.9%	**207,000**	**81.4%**
On Shoulder	*	0.6%	*	*	*	**0.2%**
On Median	3,000	4.4%	1,000	0.4%	**3,000**	**1.4%**
On Roadside	24,000	38.9%	1,000	0.5%	**25,000**	**9.8%**
Outside Trafficway	2,000	2.5%	*	*	**2,000**	**0.6%**
Off Roadway, Location Unknown	*	0.1%	*	*	*	*
In Parking Lane	16,000	26.5%	*	0.2%	**17,000**	**6.6%**
Gore	*	0.2%	*	*	*	*
Separator	*	*	*	*	*	*
Continuous Left-Turn Lane	*	*	*	*	*	*
Unknown	*	*	*	*	*	*
Total	**62,000**	**100.0%**	**192,000**	**100.0%**	254,000	100.0%

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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).

Crashes Table 17. Fatal Crashes Involving Large Trucks by Intersection Type, 2011-2013

Intersection Type	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Not an Intersection	2,514	74.7%	2,549	73.1%	2,607	73.6%
Four-Way Intersection	559	16.6%	656	18.8%	621	17.5%
T-Intersection	260	7.7%	254	7.3%	289	8.2%
Y-Intersection	30	0.9%	18	0.5%	16	0.5%
Traffic Circle	0	0.0%	1	*	1	*
Roundabout	0	0.0%	0	0.0%	0	0.0%
Five Point, or More	1	*	3	0.1%	4	0.1%
L-Intersection	0	0.0%	0	0.0%	0	0.0%
Not Reported	0	0.0%	3	0.1%	2	0.1%
Unknown	1	*	2	0.1%	1	*
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**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).

Crashes Table 18. Crashes Involving Large Trucks by Intersection Type and Crash Severity, 2013

Intersection Type	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Not an Intersection	2,607	73.6%	45,000	64.6%	163,000	64.2%
Four-Way Intersection	621	17.5%	13,000	18.6%	50,000	19.9%
T-Intersection	289	8.2%	6,000	8.3%	20,000	8.0%
Y-Intersection	16	0.5%	*	0.2%	2,000	0.7%
Traffic Circle	1	*	*	*	*	*
Roundabout	0	0.0%	*	0.1%	*	0.2%
Five Point, or More	4	0.1%	*	0.5%	*	*
L-Intersection	0	0.0%	*	0.2%	*	0.2%
Not Reported	2	0.1%	5,000	7.4%	17,000	6.9%
Unknown	1	*	*	0.1%	*	*
Total	**3,541**	**100.0%**	**69,000**	**100.0%**	**254,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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).

Crashes Table 19. Fatal Crashes Involving Large Trucks by Weather Conditions, 2011-2013

Weather Conditions	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Clear	2,473	73.5%	2,511	72.0%	2,457	69.4%
Cloudy	480	14.3%	569	16.3%	576	16.3%
Rain	221	6.6%	242	6.9%	276	7.8%
Sleet, Hail	18	0.5%	6	0.2%	14	0.4%
Snow	72	2.1%	57	1.6%	103	2.9%
Fog, Smog, Smoke	63	1.9%	72	2.1%	64	1.8%
Severe Crosswinds	8	0.2%	7	0.2%	14	0.4%
Blowing Sand, Soil, Dirt	2	0.1%	4	0.1%	3	0.1%
Blowing Snow	9	0.3%	4	0.1%	18	0.5%
Freezing Rain or Drizzle	—	—	—	—	7	0.2%
Other	3	0.1%	9	0.3%	5	0.1%
Unknown	16	0.5%	5	0.1%	4	0.1%
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**100.0%**

— Not an option for 2011 and 2012.
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 Table 20. Crashes Involving Large Trucks by Weather Conditions and Crash Severity, 2013

Weather Conditions	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Clear	2,457	69.4%	49,000	70.5%	175,000	69.0%
Cloudy	576	16.3%	12,000	17.7%	47,000	18.5%
Rain	276	7.8%	5,000	7.6%	22,000	8.7%
Sleet, Hail	14	0.4%	*	0.5%	2,000	0.6%
Snow	103	2.9%	1,000	2.1%	5,000	1.9%
Fog, Smog, Smoke	64	1.8%	*	0.4%	1,000	0.4%
Severe Crosswinds	14	0.4%	*	0.1%	*	0.2%
Blowing Sand, Soil, Dirt	3	0.1%	*	0.2%	*	*
Blowing Snow	18	0.5%	1,000	0.8%	2,000	0.7%
Freezing Rain or Drizzle	7	0.2%	*	*	*	*
Other	5	0.1%	*	0.1%	*	*
Unknown	4	0.1%	*	*	*	*
Total	**3,541**	**100.0%**	**69,000**	**100.0%**	**254,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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).

Crashes Table 21. Fatal Crashes Involving Large Trucks by Road Surface Conditions, 2011-2013

Road Surface Conditions	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Dry	2,846	84.6%	2,957	84.8%	2,859	80.7%
Wet	359	10.7%	394	11.3%	457	12.9%
Snow	62	1.8%	39	1.1%	72	2.0%
Ice/Frost	53	1.6%	42	1.2%	78	2.2%
Slush	11	0.3%	10	0.3%	20	0.6%
Water (Standing, Moving)	3	0.1%	4	0.1%	7	0.2%
Mud, Dirt, Gravel	2	0.1%	4	0.1%	6	0.2%
Sand	1	*	1	*	1	*
Non-Trafficway Area	8	0.2%	25	0.7%	31	0.9%
Other	1	*	1	*	3	0.1%
Unknown	19	0.6%	9	0.3%	7	0.2%
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**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).

Crashes Table 22. Crashes Involving Large Trucks by Road Surface Conditions and Crash Severity, 2013

Road Surface Conditions	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Dry	2,859	80.7%	57,000	82.2%	199,000	78.4%
Wet	457	12.9%	8,000	11.8%	36,000	14.3%
Snow	72	2.0%	1,000	2.0%	5,000	2.2%
Ice/Frost	78	2.2%	1,000	1.7%	6,000	2.3%
Slush	20	0.6%	*	0.5%	1,000	0.4%
Water (Standing, Moving)	7	0.2%	*	*	*	*
Mud, Dirt, Gravel	6	0.2%	*	0.3%	*	*
Sand	1	*	*	*	*	*
Non-Trafficway Area	31	0.9%	1,000	1.5%	5,000	1.9%
Other	3	0.1%	*	*	*	*
Unknown	7	0.2%	*	0.1%	2,000	0.6%
Total	**3,541**	**100.0%**	**69,000**	**100.0%**	**254,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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).

Crashes Table 23. Fatal Crashes Involving Large Trucks by Light Conditions, 2011-2013

Light Conditions	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Daylight	2,127	63.2%	2,164	62.1%	2,233	63.1%
Dark, Not Lighted	787	23.4%	845	24.2%	847	23.9%
Dark But Lighted	308	9.2%	328	9.4%	308	8.7%
Dark, Unknown Lighting	13	0.4%	8	0.2%	9	0.3%
Dawn	78	2.3%	98	2.8%	93	2.6%
Dusk	47	1.4%	40	1.1%	46	1.3%
Unknown	5	0.1%	3	0.1%	5	0.1%
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**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).

Crashes Table 24. Crashes Involving Large Trucks by Light Conditions and Crash Severity, 2013

Light Conditions	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Daylight	2,233	63.1%	52,000	75.0%	204,000	80.5%
Dark, Not Lighted	847	23.9%	7,000	10.4%	18,000	7.2%
Dark But Lighted	308	8.7%	8,000	10.9%	27,000	10.5%
Dark, Unknown Lighting	9	0.3%	*	0.6%	*	*
Dawn	93	2.6%	1,000	2.0%	3,000	1.1%
Dusk	46	1.3%	1,000	1.1%	2,000	0.8%
Unknown	5	0.1%	*	*	*	*
Total	**3,541**	**100.0%**	**69,000**	**100.0%**	**254,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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).

Crashes Table 25. Fatal Crashes by Work Zone, 2011-2013

Work Zone	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes Involving Large Trucks						
No	3,214	95.5%	3,354	96.2%	3,395	95.9%
Yes	145	4.3%	132	3.8%	146	4.1%
Unknown	6	*	0	0.0%	0	0.0%
Total	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**100.0%**
All Fatal Crashes						
No	29,300	98.1%	30,451	98.2%	29,530	98.2%
Yes	533	1.8%	555	1.8%	527	1.8%
Unknown	34	*	0	0.0%	0	0.0%
Total	**29,867**	**100.0%**	**31,006**	**100.0%**	**30,057**	**100.0%**
Percentage of Fatal Work Zone Crashes That Involved at Least One Large Truck	27.2%		23.8%		27.7%	
Percentage of All Fatal Crashes That Involved at Least One Large Truck	11.3%		11.2%		11.8%	

*Less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. A Work Zone is an area of a trafficway where construction, maintenance, or utility work activities are identified by warning signs/signals/indicators.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Crashes Table 26. Crashes by Work Zone and Crash Severity, 2013

Work Zone	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Crashes Involving Large Trucks						
No	3,395	95.9%	67,000	96.9%	247,000	97.2%
Yes	146	4.1%	2,000	3.1%	7,000	2.8%
Unknown	0	0.0%	*	*	*	*
Total	**3,541**	**100.0%**	**69,000**	**100.0%**	**254,000**	**100.0%**
All Crashes						
No	29,530	98.2%	1,571,000	98.7%	4,018,000	98.8%
Yes	527	1.8%	20,000	1.3%	48,000	1.2%
Unknown	0	0.0%	*	*	*	*
Total	**30,057**	**100.0%**	**1,591,000**	**100.0%**	**4,066,000**	**100.0%**
Percentage of Work Zone Crashes That Involved at Least One Large Truck	27.7%		11.0%		15.1%	
Percentage of All Crashes That Involved at Least One Large Truck	11.8%		4.3%		6.2%	

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. A Work Zone is an area of a trafficway where construction, maintenance, or utility work activities are identified by warning signs/signals/indicators. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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).

Crashes Table 27. Fatal Crashes Involving Large Trucks per State Population, 2010 and 2013

State	2010			2013		
	Fatal Crashes Involving Large Trucks	State Population (2010 Census)	Fatal Crashes Involving Large Trucks per Million People	Fatal Crashes Involving Large Trucks	State Population (2013 Estimate)	Fatal Crashes Involving Large Trucks per Million People
Alabama	102	4,779,736	21.34	101	4,833,722	20.89
Alaska	5	710,231	7.04	3	735,132	4.08
Arizona	52	6,392,017	8.14	56	6,626,624	8.45
Arkansas	74	2,915,918	25.38	74	2,959,373	25.01
California	219	37,253,956	5.88	227	38,332,521	5.92
Colorado	42	5,029,196	8.35	50	5,268,367	9.49
Connecticut	23	3,574,097	6.44	19	3,596,080	5.28
Delaware	9	897,934	10.02	10	925,749	10.80
District of Columbia	3	601,723	4.99	3	646,449	4.64
Florida	170	18,801,310	9.04	179	19,552,860	9.15
Georgia	138	9,687,653	14.24	142	9,992,167	14.21
Hawaii	4	1,360,301	2.94	7	1,404,054	4.99
Idaho	15	1,567,582	9.57	32	1,612,136	19.85
Illinois	100	12,830,632	7.79	123	12,882,135	9.55
Indiana	101	6,483,802	15.58	98	6,570,902	14.91
Iowa	79	3,046,355	25.93	57	3,090,416	18.44
Kansas	68	2,853,118	23.83	63	2,893,957	21.77
Kentucky	84	4,339,367	19.36	69	4,395,295	15.70
Louisiana	88	4,533,372	19.41	70	4,625,470	15.13
Maine	13	1,328,361	9.79	16	1,328,302	12.05
Maryland	39	5,773,552	6.75	54	5,928,814	9.11
Massachusetts	19	6,547,629	2.90	29	6,692,824	4.33
Michigan	80	9,883,640	8.09	74	9,895,622	7.48
Minnesota	74	5,303,925	13.95	70	5,420,380	12.91
Mississippi	52	2,967,297	17.52	55	2,991,207	18.39
Missouri	76	5,988,927	12.69	71	6,044,171	11.75
Montana	12	989,415	12.13	19	1,015,165	18.72
Nebraska	45	1,826,341	24.64	25	1,868,516	13.38
Nevada	15	2,700,551	5.55	17	2,790,136	6.09
New Hampshire	6	1,316,470	4.56	11	1,323,459	8.31
New Jersey	52	8,791,894	5.91	57	8,899,339	6.40
New Mexico	41	2,059,179	19.91	47	2,085,287	22.54
New York	111	19,378,102	5.73	108	19,651,127	5.50
North Carolina	98	9,535,483	10.28	122	9,848,060	12.39
North Dakota	14	672,591	20.82	54	723,393	74.65
Ohio	114	11,536,504	9.88	120	11,570,808	10.37
Oklahoma	87	3,751,351	23.19	104	3,850,568	27.01
Oregon	42	3,831,074	10.96	32	3,930,065	8.14
Pennsylvania	152	12,702,379	11.97	144	12,773,801	11.27
Rhode Island	2	1,052,567	1.90	5	1,051,511	4.76
South Carolina	57	4,625,364	12.32	61	4,774,839	12.78
South Dakota	19	814,180	23.34	17	844,877	20.12
Tennessee	82	6,346,105	12.92	108	6,495,978	16.63
Texas	349	25,145,561	13.88	457	26,448,193	17.28
Utah	27	2,763,885	9.77	19	2,900,872	6.55
Vermont	9	625,741	14.38	7	626,630	11.17
Virginia	72	8,001,024	9.00	81	8,260,405	9.81
Washington	27	6,724,540	4.02	34	6,971,406	4.88
West Virginia	39	1,852,994	21.05	44	1,854,304	23.73
Wisconsin	51	5,686,986	8.97	75	5,742,713	13.06
Wyoming	19	563,626	33.71	21	582,658	36.04
U.S. Total	**3,271**	**308,745,538**	**10.59**	**3,541**	**316,128,839**	**11.20**

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). State Populations: U.S. Census Bureau, 2010 Census Resident Population Data; 2013 Annual Estimates of the Resident Population: April 1, 2010, to July 1, 2013.

Crashes Table 28. Fatal Crashes Involving Large Trucks by Number of Vehicles Involved, 2011-2013

Number of Vehicles Involved	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
One vehicle	732	21.8%	733	21.0%	778	22.0%
Two vehicles	2,160	64.2%	2,201	63.1%	2,230	63.0%
Three vehicles	336	10.0%	384	11.0%	361	10.2%
Four vehicles	81	2.4%	88	2.5%	91	2.6%
Five vehicles	36	1.1%	40	1.1%	32	0.9%
Six vehicles	8	0.2%	19	0.5%	19	0.5%
Seven vehicles	5	0.1%	9	0.3%	13	0.4%
Eight vehicles	2	0.1%	2	0.1%	5	0.1%
Nine vehicles	3	0.1%	2	0.1%	2	0.1%
Ten or more vehicles	2	0.1%	8	0.2%	10	0.3%
Total Crashes	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**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).

Crashes Table 29. All Fatal Crashes by Number of Vehicles Involved, 2011-2013

Number of Vehicles Involved	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
One vehicle	18,065	60.5%	18,824	60.7%	18,074	60.1%
Two vehicles	10,026	33.6%	10,216	32.9%	10,069	33.5%
Three vehicles	1,367	4.6%	1,498	4.8%	1,437	4.8%
Four vehicles	266	0.9%	304	1.0%	319	1.1%
Five vehicles	94	0.3%	96	0.3%	89	0.3%
Six vehicles	26	0.1%	37	0.1%	32	0.1%
Seven vehicles	11	*	16	0.1%	17	0.1%
Eight vehicles	4	*	4	*	8	*
Nine vehicles	3	*	2	*	2	*
Ten or more vehicles	5	*	9	*	10	*
Total Crashes	**29,867**	**100.0%**	**31,006**	**100.0%**	**30,057**	**100.0%**

*Less than 0.05 percent.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

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 SAFETYNET crash severity thresholds. MCMIS data are used for the tables on crashes by vehicle configuration (Vehicles Tables 1 and 2), cargo body type (Vehicles Tables 3 and 4), gross vehicle weight rating (Vehicles Tables 5 and 6), hazardous materials cargo (Vehicles Tables 8 and 9), and hazardous materials released (Vehicles Tables 10 and 11). SAFETYNET nonfatal crashes tend to be more serious than GES nonfatal crashes, because the SAFETYNET threshold requires at least one injury involving immediate medical attention away from the crash scene, or at least one vehicle disabled as a result of the crash and transported away from the crash scene. Below is a summary of some of the vehicle information in this section:

- In 2013, 3,906 large trucks were involved in fatal crashes, 73,000 were involved in injury crashes, and 265,000 were involved 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 12 percent of the placarded trucks in fatal and nonfatal crashes. Flammable liquids (gasoline, fuel oil, etc.) accounted for 76 percent of the HM releases from cargo compartments in fatal crashes and 54 percent of the HM releases in nonfatal crashes.
- "Collision with vehicle in transport" was recorded as the most harmful event for 73 percent of the large trucks involved in fatal crashes.
- Singles (truck tractors pulling a single semi-trailer) accounted for 60 percent of the large trucks involved in fatal crashes in 2013; doubles (tractors pulling two trailers) made up 2 percent of the large trucks involved in fatal crashes; and triples (tractors pulling three trailers) accounted for less than 0.1 percent of all large trucks involved in fatal crashes.
- Vehicle-related crash factors were coded for 4 percent of the large trucks involved in fatal crashes and 3 percent of the passenger vehicles involved in fatal crashes. Tires was the vehicle-related factor most often coded for both vehicle types.
- On average, there were 1.12 fatalities in fatal crashes involving large trucks. The majority of these crashes (91 percent) had only one fatality.

Vehicles Table 1. Large Trucks in Fatal Crashes by Vehicle Configuration, 2011-2013

Vehicle Configuration	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Single-Unit, 2 Axles	691	19.0%	708	18.5%	682	17.5%
Single-Unit, 3+ Axles	370	10.2%	358	9.4%	415	10.6%
Truck/Trailer(s)	132	3.6%	224	5.9%	270	6.9%
Truck Tractor (Bobtail)	71	2.0%	56	1.5%	67	1.7%
Tractor/Semi-trailer	2,219	61.1%	2,315	60.5%	2,342	60.0%
Tractor/Double	102	2.8%	103	2.7%	91	2.3%
Tractor/Triple	4	0.1%	1	*	1	*
Unknown	44	1.2%	60	1.6%	38	1.0%
Total	**3,633**	**100.0%**	**3,825**	**100.0%**	**3,906**	**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).

Vehicles Table 2. Large Trucks in Crashes by Vehicle Configuration and Crash Severity, 2013

Vehicle Configuration	Fatal Crashes		Injury Crashes (MCMIS Data)		Towaway Crashes (MCMIS Data)	
	Number	Percent	Number	Percent	Number	Percent
Single-Unit, 2 Axles	682	17.5%	10,508	21.8%	16,023	19.7%
Single-Unit, 3+ Axles	415	10.6%	6,101	12.6%	8,671	10.7%
Truck/Trailer(s)	270	6.9%	5,287	10.9%	9,265	11.4%
Truck Tractor (Bobtail)	67	1.7%	1,223	2.5%	2,017	2.5%
Tractor/Semi-trailer	2,342	60.0%	22,139	45.8%	39,582	48.7%
Tractor/Double	91	2.3%	954	2.0%	2,084	2.6%
Tractor/Triple	1	*	10	*	17	*
Light Truck (HM Placard)	—	—	28	0.1%	77	0.1%
Unknown	38	1.0%	1,795	3.7%	3,229	4.0%
Missing	—	—	267	0.6%	379	0.5%
Total	**3,906**	**100.0%**	**48,312**	**100.0%**	**81,344**	**100.0%**

*Less than 0.05 percent.
— Not an option in FARS.
Notes: For fatal crashes, a large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. For injury and towaway crashes, a large truck is defined here as a truck, used for commercial purposes, with a gross vehicle weight rating (GVWR) or gross combination weight rating greater than 10,000 pounds, or any vehicle carrying hazardous material that requires placarding, regardless of weight. Injury crashes are defined here as crashes that resulted in at least one injury involving immediate medical attention away from the crash scene. (Note that this definition of an injury crash is not the same as that used in the GES injury estimates presented in other tables of this report.) Towaway crashes are defined here as crashes in which at least one vehicle was disabled as a result of the crash and transported away from the crash scene.
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.

Vehicles Table 3. Large Trucks in Fatal Crashes by Cargo Body Type, 2011-2013

Cargo Body Type	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Van/Enclosed Box	1,546	42.6%	1,649	43.1%	1,653	42.3%
Cargo Tank	333	9.2%	361	9.4%	372	9.5%
Flatbed	406	11.2%	445	11.6%	457	11.7%
Dump	338	9.3%	328	8.6%	313	8.0%
Concrete Mixer	29	0.8%	36	0.9%	45	1.2%
Auto Transporter	39	1.1%	24	0.6%	35	0.9%
Garbage/Refuse	81	2.2%	77	2.0%	88	2.3%
Grain, Gravel, etc.	129	3.6%	124	3.2%	134	3.4%
Pole	18	0.5%	13	0.3%	11	0.3%
Log	66	1.8%	71	1.9%	84	2.2%
Intermodal Container Chassis	23	0.6%	25	0.7%	28	0.7%
Vehicle Towing Another Vehicle	13	0.4%	21	0.5%	9	0.2%
No Cargo Body	200	5.5%	183	4.8%	174	4.5%
Other	291	8.0%	296	7.7%	316	8.1%
Unknown	121	3.3%	172	4.5%	187	4.8%
Total	**3,633**	**100.0%**	**3,825**	**100.0%**	**3,906**	**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).

Vehicles Table 4. Large Trucks in Crashes by Cargo Body Type and Crash Severity, 2013

Cargo Body Type	Fatal Crashes		Injury Crashes (MCMIS Data)		Towaway Crashes (MCMIS Data)	
	Number	Percent	Number	Percent	Number	Percent
Van/Enclosed Box	1,653	42.3%	18,792	38.9%	34,940	42.3%
Cargo Tank	372	9.5%	3,364	7.0%	4,754	5.8%
Flatbed	457	11.7%	5,880	12.2%	9,899	12.2%
Dump	313	8.0%	4,578	9.5%	6,467	8.0%
Concrete Mixer	45	1.2%	525	1.1%	572	0.7%
Auto Transporter	35	0.9%	522	1.1%	1,001	1.2%
Garbage/Refuse	88	2.3%	1,236	2.6%	1,892	2.3%
Grain, Gravel, etc.	134	3.4%	1,073	2.2%	1,637	2.0%
Pole	11	0.3%	254	0.5%	308	0.4%
Log	84	2.2%	537	1.1%	730	0.9%
Intermodal Container Chassis	28	0.7%	412	0.9%	634	0.8%
Vehicle Towing Another Vehicle	9	0.2%	235	0.5%	384	0.5%
No Cargo Body	174	4.5%	2,379	4.9%	3,477	4.3%
Other	316	8.1%	7,991	16.5%	14,042	17.3%
Unknown	187	4.8%	534	1.1%	607	0.7%
Total	**3,906**	**100.0%**	**48,312**	**100.0%**	**81,344**	**100.0%**

Notes: For fatal crashes, a large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. For injury and towaway crashes, a large truck is defined here as a truck, used for commercial purposes, with a gross vehicle weight rating (GVWR) or gross combination weight rating greater than 10,000 pounds, or any vehicle carrying hazardous material that requires placarding, regardless of weight. Injury crashes are defined here as crashes that resulted in at least one injury involving immediate medical attention away from the crash scene. (Note that this definition of an injury crash is not the same as that used in the GES injury estimates presented in other tables of this report.) Towaway crashes are defined here as crashes in which at least one vehicle was disabled as a result of the crash and transported away from the crash scene.
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.

Vehicles Table 5. Large Trucks in Fatal Crashes by Gross Vehicle Weight Rating, 2011-2013

Gross Vehicle Weight Rating	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
≤10,000 lb	0	0.0%	0	0.0%	0	0.0%
10,001 - 26,000 lb	671	18.5%	681	17.8%	665	17.0%
≥26,001 lb	2,961	81.5%	3,136	82.0%	3,238	82.9%
Unknown	1	*	8	0.2%	3	0.1%
Total	**3,633**	**100.0%**	**3,825**	**100.0%**	**3,906**	**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).

Vehicles Table 6. Large Trucks in Fatal Crashes by Gross Vehicle Weight Rating and Crash Severity, 2013

Gross Vehicle Weight Rating	Fatal Crashes		Injury Crashes (MCMIS Data)		Towaway Crashes (MCMIS Data)	
	Number	Percent	Number	Percent	Number	Percent
≤10,000 lb	0	0.0%	68	0.1%	151	0.2%
10,001 - 26,000 lb	665	17.0%	11,223	23.2%	17,774	21.9%
≥26,001 lb	3,238	82.9%	36,997	76.6%	63,367	77.9%
Unknown	3	0.1%	24	*	52	0.1%
Total	**3,906**	**100.0%**	**48,312**	**100.0%**	**81,344**	**100.0%**

*Less than 0.05 percent.
Notes: For fatal crashes, a large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. For injury and towaway crashes, a large truck is defined here as a truck, used for commercial purposes, with a gross vehicle weight rating (GVWR) or gross combination weight rating greater than 10,000 pounds, or any vehicle carrying hazardous material that requires placarding, regardless of weight. Injury crashes are defined here as crashes that resulted in at least one injury involving immediate medical attention away from the crash scene. (Note that this definition of an injury crash is not the same as that used in the GES injury estimates presented in other tables of this report.) Towaway crashes are defined here as crashes in which at least one vehicle was disabled as a result of the crash and transported away from the crash scene.
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.

Vehicles Table 7. Large Trucks in Fatal Crashes by Truck Weight Rating, 2011-2013

Truck Weight Rating	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Class 1: < 6,000 lb	0	0.0%	0	0.0%	1	1.3%
Class 2: 6,001–10,000 lb	4	0.1%	6	0.2%	2	0.1%
Class 3: 10,001 - 14,000 lb	275	7.6%	286	7.5%	256	6.6%
Class 4: 14,001 - 16,000 lb	100	2.8%	77	2.0%	94	2.4%
Class 5: 16,001 - 19,500 lb	82	2.3%	91	2.4%	83	2.1%
Class 6: 19,501 - 26,000 lb	193	5.3%	215	5.6%	218	5.6%
Class 7: 26,001 - 33,000 lb	218	6.0%	212	5.5%	242	6.2%
Class 8: > 33,000 lb	2,678	73.7%	2,841	74.3%	2,931	75.0%
Unknown	83	2.3%	97	2.5%	79	2.0%
Total	**3,633**	**100.0%**	**3,825**	**100.0%**	**3,906**	**100.0%**

Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Starting in 2013, VIN-derived data elements, including Truck Weight Rating, were moved to a separate file in FARS (Vindecode).
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Vehicles Table 8. Large Trucks in Fatal Crashes by Hazardous Materials (HM) Cargo, 2011-2013

HM Cargo	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Yes	144	4.0%	145	3.8%	153	3.9%
No	3,489	96.0%	3,680	96.2%	3,753	96.1%
Unknown	0	0.0%	0	0.0%	0	0.0%
Total	**3,633**	**100.0%**	**3,825**	**100.0%**	**3,906**	**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).

Vehicles Table 9. Large Trucks in Crashes by Hazardous Materials (HM) Cargo and Crash Severity, 2013

HM Cargo	Fatal Crashes		Injury Crashes (MCMIS Data)		Towaway Crashes (MCMIS Data)	
	Number	Percent	Number	Percent	Number	Percent
Yes	153	3.9%	1,223	2.5%	1,842	2.3%
No	3,753	96.1%	31,991	66.2%	52,989	65.1%
Unknown	0	0.0%	15,098	31.3%	26,513	32.6%
Total	**3,906**	**100.0%**	**48,312**	**100.0%**	**81,344**	**100.0%**

Notes: For fatal crashes, a large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. For injury and towaway crashes, a large truck is defined here as a truck, used for commercial purposes, with a gross vehicle weight rating (GVWR) or gross combination weight rating greater than 10,000 pounds, or any vehicle carrying hazardous material that requires placarding, regardless of weight. Injury crashes are defined here as crashes that resulted in at least one injury involving immediate medical attention away from the crash scene. (Note that this definition of an injury crash is not the same as that used in the GES injury estimates presented in other tables of this report.) Towaway crashes are defined here as crashes in which at least one vehicle was disabled as a result of the crash and transported away from the crash scene.
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.

Vehicles Table 10. Large Trucks in Fatal Crashes by Hazardous Materials (HM) Cargo Type and HM Released, 2011-2013

HM Cargo Type	HM Release							
	Yes		No		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
2011								
Explosives	0	0.0%	2	2.6%	0	0.0%	**2**	**1.4%**
Gases	3	6.0%	9	11.5%	0	0.0%	**12**	**8.3%**
Flammable Liquids	34	68.0%	42	53.8%	2	12.5%	**78**	**54.2%**
Flammable Solids	1	2.0%	1	1.3%	0	0.0%	**2**	**1.4%**
Oxidizing Substances	0	0.0%	1	1.3%	0	0.0%	**1**	**0.7%**
Poisonous and Infectious Substances	0	0.0%	1	1.3%	0	0.0%	**1**	**0.7%**
Radioactive Materials	0	0.0%	1	1.3%	0	0.0%	**1**	**0.7%**
Corrosives	4	8.0%	9	11.5%	0	0.0%	**13**	**9.0%**
Miscellaneous Dangerous Goods	4	8.0%	1	1.3%	0	0.0%	**5**	**3.5%**
Unknown	4	8.0%	11	14.1%	14	87.5%	**29**	**20.1%**
Total	**50**	**100.0%**	**78**	**100.0%**	**16**	**100.0%**	**144**	**100.0%**
2012								
Explosives	2	3.8%	2	2.6%	0	0.0%	**4**	**2.8%**
Gases	2	3.8%	14	18.4%	1	5.9%	**17**	**11.7%**
Flammable Liquids	28	53.8%	39	51.3%	2	11.8%	**69**	**47.6%**
Flammable Solids	1	1.9%	1	1.3%	1	5.9%	**3**	**2.1%**
Oxidizing Substances	0	0.0%	1	1.3%	0	0.0%	**1**	**0.7%**
Poisonous and Infectious Substances	1	1.9%	1	1.3%	0	0.0%	**2**	**1.4%**
Radioactive Materials	0	0.0%	0	0.0%	0	0.0%	**0**	**0.0%**
Corrosives	5	9.6%	8	10.5%	1	5.9%	**14**	**9.7%**
Miscellaneous Dangerous Goods	5	9.6%	1	1.3%	0	0.0%	**6**	**4.1%**
Unknown	8	15.4%	9	11.8%	12	70.6%	**29**	**20.0%**
Total	**52**	**100.0%**	**76**	**100.0%**	**17**	**100.0%**	**145**	**100.0%**
2013								
Explosives	1	2.2%	1	1.1%	0	0.0%	**2**	**1.3%**
Gases	4	8.9%	15	15.8%	2	15.4%	**21**	**13.7%**
Flammable Liquids	34	75.6%	50	52.6%	7	53.8%	**91**	**59.5%**
Flammable Solids	0	0.0%	0	0.0%	0	0.0%	**0**	**0.0%**
Oxidizing Substances	1	2.2%	1	1.1%	1	7.7%	**3**	**2.0%**
Poisonous and Infectious Substances	1	2.2%	0	0.0%	0	0.0%	**1**	**0.7%**
Radioactive Materials	0	0.0%	0	0.0%	0	0.0%	**0**	**0.0%**
Corrosives	2	4.4%	8	8.4%	0	0.0%	**10**	**6.5%**
Miscellaneous Dangerous Goods	0	0.0%	9	9.5%	0	0.0%	**9**	**5.9%**
Unknown	2	4.4%	11	11.6%	3	23.1%	**16**	**10.5%**
Total	**45**	**100.0%**	**95**	**100.0%**	**13**	**100.0%**	**153**	**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).

Vehicles Table 11. Large Trucks in Crashes by Hazardous Materials (HM) Cargo Type, HM Release, and Crash Severity, 2013

HM Cargo Type	HM Release							
	Yes		No		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes								
Explosives	1	2.2%	1	1.1%	0	0.0%	**2**	**1.3%**
Gases	4	8.9%	15	15.8%	2	15.4%	**21**	**13.7%**
Flammable Liquids	34	75.6%	50	52.6%	7	53.8%	**91**	**59.5%**
Flammable Solids	0	0.0%	0	0.0%	0	0.0%	**0**	**0.0%**
Oxidizing Substances	1	2.2%	1	1.1%	1	7.7%	**3**	**2.0%**
Poisonous and Infectious Substances	1	2.2%	0	0.0%	0	0.0%	**1**	**0.7%**
Radioactive Materials	0	0.0%	0	0.0%	0	0.0%	**0**	**0.0%**
Corrosives	2	4.4%	8	8.4%	0	0.0%	**10**	**6.5%**
Miscellaneous Dangerous Goods	0	0.0%	9	9.5%	0	0.0%	**9**	**5.9%**
Unknown	2	4.4%	11	11.6%	3	23.1%	**16**	**10.5%**
Total	**45**	**100.0%**	**95**	**100.0%**	**13**	**100.0%**	**153**	**100.0%**
Nonfatal Crashes (MCMIS Data)								
Explosives	6	1.7%	54	2.3%	16	3.4%	**76**	**2.4%**
Gases	42	11.8%	378	16.3%	76	16.2%	**496**	**15.7%**
Flammable Liquids	194	54.5%	1,027	44.2%	258	55.0%	**1,479**	**46.9%**
Flammable Solids	1	0.3%	21	0.9%	0	0.0%	**22**	**0.7%**
Oxidizing Substances	4	1.1%	24	1.0%	7	1.5%	**35**	**1.1%**
Poisonous and Infectious Substances	6	1.7%	22	0.9%	3	0.6%	**31**	**1.0%**
Radioactive Materials	0	0.0%	6	0.3%	0	0.0%	**6**	**0.2%**
Corrosives	40	11.2%	171	7.4%	22	4.7%	**233**	**7.4%**
Miscellaneous Dangerous Goods	31	8.7%	259	11.1%	25	5.3%	**315**	**10.0%**
Unknown	32	9.0%	364	15.6%	62	13.2%	**458**	**14.5%**
Total	**356**	**100.0%**	**2,326**	**100.0%**	**469**	**100.0%**	**3,151**	**100.0%**

Notes: For fatal crashes, a large truck is defined as a truck with a gross vehicle weight rating (GVWR) of greater than 10,000 pounds. For nonfatal crashes, a large truck is defined here as a truck, used for commercial purposes, with a gross vehicle weight rating (GVWR) or gross combination weight rating greater than 10,000 pounds, or any vehicle carrying hazardous material that requires placarding, regardless of weight.
Sources: Fatal Crashes: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).
Nonfatal Crashes: Federal Motor Carrier Safety Administration, MCMIS Crash File.

Vehicles Table 12. Large Trucks in Fatal Crashes by Initial Point of Impact, 2011-2013

Initial Point of Impact	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Front	2,173	59.8%	2,234	58.4%	2,309	59.1%
Rear	586	16.1%	641	16.8%	692	17.7%
Left	328	9.0%	390	10.2%	343	8.8%
Right	245	6.7%	261	6.8%	242	6.2%
Non-Collision	157	4.3%	154	4.0%	168	4.3%
Other	93	2.6%	80	2.1%	87	2.2%
Unknown	51	1.4%	65	1.7%	65	1.7%
Total	**3,633**	**100.0%**	**3,825**	**100.0%**	**3,906**	**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).

Vehicles Table 13. Large Trucks in Crashes by Initial Point of Impact and Crash Severity, 2013

Initial Point of Impact	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Front	2,309	59.1%	36,000	49.3%	89,000	33.5%
Rear	692	17.7%	14,000	19.6%	65,000	24.5%
Left	343	8.8%	9,000	12.9%	39,000	14.8%
Right	242	6.2%	9,000	11.7%	49,000	18.4%
Non-Collision	168	4.3%	4,000	5.6%	8,000	3.0%
Other	87	2.2%	1,000	1.0%	15,000	5.8%
Unknown	65	1.7%	*	*	*	*
Total	**3,906**	**100.0%**	**73,000**	**100.0%**	**265,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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 Table 14. Large Trucks in Fatal Crashes by Most Harmful Event for the Large Truck, 2011-2013

Most Harmful Event	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Collision with Vehicle in Transport	2,629	72.4%	2,801	73.2%	2,853	73.0%
Collision with Fixed Object	138	3.8%	151	3.9%	184	4.7%
Collision with Pedestrian	311	8.6%	280	7.3%	308	7.9%
Overturn (Rollover)	275	7.6%	281	7.3%	254	6.5%
Collision with Pedalcycle or Other Personal Conveyance	73	2.0%	73	1.9%	87	2.2%
Collision with Parked Motor Vehicle	14	0.4%	18	0.5%	11	0.3%
Collision with Train	9	0.2%	8	0.2%	14	0.4%
Collision with Other Object	49	1.3%	55	1.4%	53	1.4%
Collision with Animal	1	*	3	0.1%	1	*
Jackknife	1	*	2	0.1%	2	0.1%
Explosion/Fire	106	2.9%	127	3.3%	91	2.3%
Cargo/Equipment Loss or Shift	2	0.1%	2	0.1%	6	0.2%
Other	23	0.6%	23	0.6%	16	0.4%
Unknown	2	0.1%	1	*	26	0.7%
Total	**3,633**	**100.0%**	**3,825**	**100.0%**	**3,906**	**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).

Vehicles Table 15. Large Trucks in Crashes by Most Harmful Event for the Large Truck and Crash Severity, 2013

Most Harmful Event	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Collision with Vehicle in Transport	2,853	73.0%	61,000	83.9%	197,000	74.3%
Collision with Fixed Object	184	4.7%	3,000	4.1%	28,000	10.7%
Collision with Pedestrian	308	7.9%	1,000	0.8%	*	*
Overturn (Rollover)	254	6.5%	5,000	7.5%	5,000	1.7%
Collision with Pedalcycle or Other Personal Conveyance	87	2.2%	1,000	0.9%	*	*
Collision with Parked Motor Vehicle	11	0.3%	*	0.6%	20,000	7.4%
Collision with Train	14	0.4%	*	*	*	*
Collision with Other Object	53	1.4%	1,000	1.1%	8,000	3.1%
Collision with Animal	1	*	*	*	3,000	1.0%
Jackknife	2	0.1%	*	0.1%	3,000	1.0%
Explosion/Fire	91	2.3%	*	0.1%	*	0.1%
Cargo/Equipment Loss or Shift	6	0.2%	*	*	1,000	0.3%
Other	16	0.4%	*	0.4%	*	0.1%
Unknown	26	0.7%	*	*	*	*
Total	**3,906**	**100.0%**	**73,000**	**100.0%**	**265,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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 Table 16. Large Trucks in Fatal Crashes by Jackknife Occurrence, 2011-2013

Jackknife	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Yes	137	3.8%	164	4.3%	183	4.7%
No	3,496	96.2%	3,661	95.7%	3,723	95.3%
Total	**3,633**	**100.0%**	**3,825**	**100.0%**	**3,906**	**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).

Vehicles Table 17. Large Trucks in Crashes by Jackknife Occurrence and Crash Severity, 2013

Jackknife	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Yes	183	4.7%	1,000	1.7%	5,000	1.8%
No	3,723	95.3%	72,000	98.3%	260,000	98.2%
Total	**3,906**	**100.0%**	**73,000**	**100.0%**	**265,000**	**100.0%**

Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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 Table 18. Large Trucks in Fatal Crashes with Passenger Vehicles by Crash Type, 2011-2013

Crash Type	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Large Truck Rear-Ending Passenger Vehicle	81	4.4%	80	4.3%	82	4.2%
Passenger Vehicle Rear-Ending Large Truck	227	12.3%	262	14.0%	263	13.5%
Large Truck Crossing Center Median (Head-On)	39	2.1%	32	1.7%	44	2.3%
Passenger Vehicle Crossing Center Median (Head-On)	323	17.6%	322	17.2%	329	16.9%
Large Truck Striking Passenger Vehicle (Other)	771	41.9%	721	38.4%	776	40.0%
Passenger Vehicle Striking Large Truck (Other)	297	16.2%	333	17.8%	339	17.5%
Other Collision	101	5.5%	126	6.7%	109	5.6%
Total	**1,839**	**100.0%**	**1,876**	**100.0%**	**1,942**	**100.0%**

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).
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Vehicles Table 19. Large Trucks in Crashes with Passenger Vehicles by Crash Type and Severity, 2013

Crash Type	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Large Truck Rear-Ending Passenger Vehicle	82	4.2%	6,000	13.3%	17,000	9.9%
Passenger Vehicle Rear-Ending Large Truck	263	13.5%	6,000	14.5%	17,000	10.1%
Large Truck Crossing Center Median (Head-On)	44	2.3%	1,000	1.2%	*	0.2%
Passenger Vehicle Crossing Center Median (Head-On)	329	16.9%	1,000	1.9%	*	0.1%
Large Truck Striking Passenger Vehicle (Other)	776	40.0%	18,000	41.1%	59,000	35.2%
Passenger Vehicle Striking Large Truck (Other)	339	17.5%	9,000	20.4%	47,000	27.7%
Other Collision	109	5.6%	3,000	7.6%	28,000	16.8%
Total	**1,942**	**100.0%**	**44,000**	**100.0%**	**169,000**	**100.0%**

*Less than 500.
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). Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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 Table 20. Large Trucks in Fatal Crashes with Passenger Vehicles by Crash Type and Driver-Related Factors Recorded, 2013

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	82	51	62.2%	53	64.6%
Passenger Vehicle Rear-Ending Large Truck	263	66	25.1%	233	88.6%
Large Truck Crossing Center Median (Head-On)	44	38	86.4%	20	45.5%
Passenger Vehicle Crossing Center Median (Head-On)	329	57	17.3%	313	95.1%
Large Truck Striking Passenger Vehicle (Other)	776	214	27.6%	683	88.0%
Passenger Vehicle Striking Large Truck (Other)	339	144	42.5%	264	77.9%
Other Collision	109	34	31.2%	88	80.7%
Total	**1,942**	**604**	**31.1%**	**1,654**	**85.2%**

Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) of greater than 10,000 pounds. 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).

Vehicles Table 21. Large Trucks in Fatal Crashes by Vehicle Age, 2011-2013

Vehicle Age	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Model Year More Recent Than Crash Year	62	1.7%	75	2.0%	68	1.7%
Model Year Same as Crash Year	151	4.2%	306	8.0%	301	7.7%
1 to 5 Years	1,341	36.9%	1,143	29.9%	973	24.9%
6 to 10 Years	979	26.9%	1,116	29.2%	1,358	34.8%
11 to 15 Years	745	20.5%	768	20.1%	718	18.4%
16 to 20 Years	212	5.8%	261	6.8%	307	7.9%
21 to 25 Years	90	2.5%	85	2.2%	107	2.7%
26 Years or Older	48	1.3%	50	1.3%	53	1.4%
Model Year Unknown	5	0.1%	21	0.5%	21	0.5%
Total	**3,633**	**100.0%**	**3,825**	**100.0%**	**3,906**	**100.0%**

Notes: Vehicle age is defined as the difference between the vehicle model year and the year of the crash. 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).

Vehicles Table 22. All Vehicles in Fatal Crashes by Vehicle Age, 2011-2013

Vehicle Age	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Model Year More Recent Than Crash Year	158	0.4%	197	0.4%	167	0.4%
Model Year Same as Crash Year	1,282	2.9%	1,658	3.6%	1,683	3.8%
1 to 5 Years	11,092	25.1%	10,103	22.0%	9,087	20.3%
6 to 10 Years	14,120	32.0%	14,651	31.9%	14,226	31.7%
11 to 15 Years	10,213	23.1%	11,329	24.6%	11,248	25.1%
16 to 20 Years	4,247	9.6%	4,625	10.1%	5,019	11.2%
21 to 25 Years	1,319	3.0%	1,559	3.4%	1,574	3.5%
26 Years or Older	814	1.8%	938	2.0%	919	2.0%
Model Year Unknown	874	2.0%	900	2.0%	945	2.1%
Total	**44,119**	**100.0%**	**45,960**	**100.0%**	**44,868**	**100.0%**

Note: Vehicle age is defined as the difference between the vehicle model year and the year of the crash.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Vehicles Table 23. Fatal Large Truck Crashes by Number of Fatalities, 2011-2013

Number of Fatalities	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
One Fatality	3,040	90.3%	3,130	89.8%	3,210	90.7%
Two Fatalities	264	7.8%	292	8.4%	269	7.6%
Three Fatalities	43	1.3%	42	1.2%	47	1.3%
Four Fatalities	10	0.3%	12	0.3%	8	0.2%
Five Fatalities	5	0.1%	6	0.2%	3	0.1%
Six Fatalities	2	0.1%	2	0.1%	1	*
Seven Fatalities	1	*	2	0.1%	2	0.1%
More Than Seven Fatalities	0	0.0%	0	0.0%	1	*
Total Fatal Crashes Involving Large Trucks	**3,365**	**100.0%**	**3,486**	**100.0%**	**3,541**	**100.0%**
Average Number of Fatalities in Fatal Crashes Involving Large Trucks	1.12		1.13		1.12	

*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).

Vehicles Table 24. Large Trucks in Fatal Crashes by Issuing Authority and Body Type, 2011-2013

Issuing Authority	Single-Unit Straight Truck or Cab-Chassis		Truck/Tractor		Medium/Heavy Pickup		Other/Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
2011										
FARS State Code	128	12.7%	325	13.4%	1	0.6%	2	8.3%	**456**	**12.6%**
US DOT	472	46.7%	1,953	80.4%	12	7.0%	11	45.8%	**2,448**	**67.4%**
MC/MX (ICC)[a]	2	0.2%	6	0.2%	0	0.0%	0	0.0%	**8**	**0.2%**
Canada	0	0.0%	1	*	0	0.0%	0	0.0%	**1**	*
Mexico	0	0.0%	0	0.0%	0	0.0%	0	0.0%	**0**	**0.0%**
None	227	22.5%	36	1.5%	139	81.3%	5	20.8%	**407**	**11.2%**
Unknown / Not Reported	181	17.9%	107	4.4%	19	11.1%	6	25.0%	**313**	**8.6%**
Total	**1,010**	**100.0%**	**2,428**	**100.0%**	**171**	**100.0%**	**24**	**100.0%**	3,633	100.0%
2012										
FARS State Code	118	10.7%	300	12.0%	3	1.7%	3	8.3%	**424**	**11.1%**
US DOT	580	52.5%	2,054	81.8%	17	9.8%	14	38.9%	**2,665**	**69.7%**
MC/MX (ICC)	2	0.2%	5	0.2%	0	0.0%	1	2.8%	**8**	**0.2%**
Canada	0	0.0%	0	0.0%	0	0.0%	0	0.0%	**0**	**0.0%**
Mexico	0	0.0%	0	0.0%	0	0.0%	0	0.0%	**0**	**0.0%**
None	236	21.4%	45	1.8%	145	83.3%	10	27.8%	**436**	**11.4%**
Unknown / Not Reported	169	15.3%	106	4.2%	9	5.2%	8	22.2%	**292**	**7.6%**
Total	**1,105**	**100.0%**	**2,510**	**100.0%**	**174**	**100.0%**	**36**	**100.0%**	3,825	100.0%
2013										
FARS State Code	146	12.1%	263	10.4%	5	3.6%	1	3.3%	**415**	**10.6%**
US DOT	642	53.1%	2,091	82.7%	13	9.4%	15	50.0%	**2,761**	**70.7%**
MC/MX (ICC)	1	0.1%	6	0.2%	0	0.0%	0	0.0%	**7**	**0.2%**
Canada	0	0.0%	1	*	0	0.0%	0	0.0%	**1**	*
Mexico	0	0.0%	1	*	0	0.0%	0	0.0%	**1**	*
None	236	19.5%	47	1.9%	108	77.7%	4	13.3%	**395**	**10.1%**
Unknown / Not Reported	185	15.3%	118	4.7%	13	9.4%	10	33.3%	**326**	**8.3%**
Total	**1,210**	**100.0%**	**2,527**	**100.0%**	**139**	**100.0%**	**30**	**100.0%**	3,906	100.0%

*Less than 0.05 percent.
[a]MC/MX (ICC) refers to interstate for-hire motor carriers and brokers that apply for operating authority. The MX number is assigned to carriers domiciled in Mexico, and the MC number is for all other carriers and brokers. The majority of large trucks assigned MC/MX (ICC) numbers also have US DOT numbers. If a US DOT or State number is not available at the time of the crash, the MC/MX (ICC) number is reported on the Police Accident Report.
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).

Vehicles Table 25. Vehicles in Fatal Large Truck Crashes by Vehicle Type, 2011-2013

Vehicle Type	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Passenger Car	1,525	22.7%	1,599	22.3%	1,728	23.5%
Light Truck	1,287	19.2%	1,445	20.2%	1,457	19.9%
Large Truck	3,633	54.1%	3,825	53.4%	3,906	53.2%
Bus	16	0.2%	12	0.2%	15	0.2%
Motorcycle	220	3.3%	251	3.5%	206	2.8%
Other/Unknown	38	0.6%	37	0.5%	27	0.4%
Total	**6,719**	**100.0%**	**7,169**	**100.0%**	**7,339**	**100.0%**

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 any motor vehicle designed primarily to transport nine or more persons, including the driver.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Vehicles Table 26. Vehicles in Large Truck Crashes by Vehicle Type and Crash Severity, 2013

Vehicle Type	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Passenger Car	1,728	23.5%	42,000	28.6%	126,000	27.1%
Light Truck	1,457	19.9%	30,000	20.2%	66,000	14.3%
Large Truck	3,906	53.2%	73,000	50.0%	265,000	56.8%
Bus	15	0.2%	*	0.2%	3,000	0.6%
Motorcycle	206	2.8%	1,000	0.6%	*	*
Other/Unknown	27	0.4%	*	0.3%	6,000	1.2%
Total	**7,339**	**100.0%**	**146,000**	**100.0%**	**466,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
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 any motor vehicle designed primarily to transport nine or more persons, including the driver. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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 Table 27. Parked and Working Large Truck Fatal Crash Statistics, 2011-2013

Crash Statistic	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes Involving Parked or Working Large Trucks	151	4.3%	154	4.3%	158	4.3%
Fatal Crashes Involving Large Trucks In Transport	3,365	96.5%	3,486	96.7%	3,541	96.4%
Total Fatal Crashes Involving Large Trucks, Including Parked or Working Large Trucks[a]	**3,488**	**—**	**3,604**	**—**	**3,675**	**—**
Parked or Working Large Trucks Involved in Fatal Crashes	160	4.2%	168	4.2%	164	4.0%
Large Trucks In Transport Involved in Fatal Crashes	3,633	95.8%	3,825	95.8%	3,906	96.0%
Total Large Trucks, Including Parked or Working Large Trucks, Involved in Fatal Crashes	**3,793**	**100.0%**	**3,993**	**100.0%**	**4,070**	**100.0%**
Occupant Fatalities in Parked or Working Large Trucks	1	0.2%	5	0.7%	1	0.1%
Occupant Fatalities in Large Trucks In Transport	640	99.8%	697	99.3%	691	99.9%
Total Large Truck Occupant Fatalities, Including Those in Parked or Working Large Trucks	**641**	**100.0%**	**702**	**100.0%**	**692**	**100.0%**
Fatalities in Crashes Involving Parked or Working Large Trucks	172	4.4%	165	4.1%	188	4.6%
Fatalities in Crashes Involving Large Trucks In Transport	3,781	96.5%	3,944	96.9%	3,964	96.2%
Total Fatalities in Large Truck Crashes, Including Crashes Involving Parked or Working Large Trucks[a]	**3,917**	**—**	**4,070**	**—**	**4,121**	**—**

[a]Individual subtotals may not add to the totals due to the potential for double counting (e.g., crashes involving both a parked large truck and a large truck in transport).
— Not applicable.
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).

Vehicles Table 28. Large Trucks in Fatal Crashes by Critical Precrash Event, 2011-2013

Critical Precrash Event [a]	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Large Truck's Loss of Control[b]	140	3.9%	117	3.1%	166	4.2%
Large Truck's Movement[c]	760	20.9%	770	20.1%	720	18.4%
Other Vehicle in Large Truck's Lane[d]	851	23.4%	908	23.7%	914	23.4%
Other Vehicle's Encroachment into Large Truck's Lane[e]	1,408	38.8%	1,539	40.2%	1,538	39.4%
Pedestrian	273	7.5%	243	6.4%	275	7.0%
Pedalcyclist	61	1.7%	65	1.7%	71	1.8%
Animal	7	0.2%	8	0.2%	10	0.3%
Foreign Object	25	0.7%	17	0.4%	26	0.7%
Other/Unknown	108	3.0%	158	4.1%	186	4.8%
Total	**3,633**	**100.0%**	**3,825**	**100.0%**	**3,906**	**100.0%**

[a]The critical precrash event is defined as the event which made this crash imminent (i.e., something occurred which made the collision possible).
[b]"Large Truck's Loss of Control" includes events such as loss of control due to a blow out/flat tire, stalled engine, poor road conditions, traveling too fast for conditions, and other disabiling (e.g., wheel fell off) or non-disabiling (e.g., hood flew up) vehicle problems.
[c]"Large Truck's Movement" includes events such as crossing an intersection, turning left or right, crossing lane lines, and deceleration.
[d]"Other Vehicle in Large Truck's Lane" includes events which involved another vehicle in the same lane as the large truck, and the other vehicle did something to make the crash imminent.
[e]"Other Vehicle's Encroachment into Large Truck's Lane" includes events in which encroachment by another vehicle from areas such as an adjacent lane (traveling in the same or opposite direction), crossing street, driveway, parking lane, or highway entrance made the crash imminent.
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).

Vehicles Table 29. Large Trucks in Crashes by Critical Precrash Event and Crash Severity, 2013

Critical Precrash Event [a]	Fatal Crashes		Injury Crashes		Property Damage Only Crashes	
	Number	Percent	Number	Percent	Number	Percent
Large Truck's Loss of Control[b]	166	4.2%	4,000	6.1%	12,000	4.5%
Large Truck's Movement[c]	720	18.4%	18,000	24.7%	107,000	40.2%
Other Vehicle in Large Truck's Lane[d]	914	23.4%	22,000	29.7%	50,000	18.7%
Other Vehicle's Encroachment into Large Truck's Lane[e]	1,538	39.4%	24,000	32.9%	56,000	21.3%
Pedestrian	275	7.0%	*	0.6%	*	*
Pedalcyclist	71	1.8%	*	0.7%	*	*
Animal	10	0.3%	*	0.6%	2,000	0.9%
Foreign Object	26	0.7%	*	0.2%	5,000	1.9%
Other/Unknown	186	4.8%	3,000	4.7%	33,000	12.5%
Total	**3,906**	**100.0%**	**73,000**	**100.0%**	**265,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
[a]The critical precrash event is defined as the event which made this crash imminent (i.e., something occurred which made the collision possible).
[b]"Large Truck's Loss of Control" includes events such as loss of control due to a blow out/flat tire, stalled engine, poor road conditions, traveling too fast for conditions, and other disabiling (e.g., wheel fell off) or non-disabiling (e.g., hood flew up) vehicle problems.
[c]"Large Truck's Movement" includes events such as crossing an intersection, turning left or right, crossing lane lines, and deceleration.
[d]"Other Vehicle in Large Truck's Lane" includes events which involved another vehicle in the same lane as the large truck, and the other vehicle did something to make the crash imminent.
[e]"Other Vehicle's Encroachment into Large Truck's Lane" includes events in which encroachment by another vehicle from areas such as an adjacent lane (traveling in the same or opposite direction), crossing street, driveway, parking lane, or highway entrance made the crash imminent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
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 Table 30. Large Trucks in Fatal Crashes by Vehicle-Related Factors and Violations Recorded, 2011-2013

Vehicle-Related Factors	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Tires	54	1.5%	51	1.3%	57	1.5%
Brake System	46	1.3%	49	1.3%	46	1.2%
Other Working Vehicle (Not Construction, Maintenance, Utility, Police, Fire, or EMS Vehicle)	16	0.4%	13	0.3%	14	0.4%
Other Lights	10	0.3%	5	0.1%	9	0.2%
Highway Construction, Maintenance or Utility Vehicle, In Transport (Inside or Outside Work Zone)	6	0.2%	6	0.2%	8	0.2%
Vehicle Contributing Factors—No Details	6	0.2%	4	0.1%	6	0.2%
Power Train	6	0.2%	6	0.2%	5	0.1%
Police, Fire, or EMS Vehicle at Scene	0	0.0%	4	0.1%	4	0.1%
Truck Coupling / Trailer Hitch / Safety Chains	4	0.1%	5	0.1%	3	0.1%
Reconstructed/Altered Vehicle	0	0.0%	0	0.0%	3	0.1%
At Least One Vehicle-Related Factor Recorded	156	4.3%	162	4.2%	169	4.3%
No Vehicle-Related Factors Recorded	3,477	95.7%	3,663	95.8%	3,737	95.7%
Total	**3,633**	**100.0%**	**3,825**	**100.0%**	**3,906**	**100.0%**
At Least One Moving Violation Recorded	375	10.3%	408	10.7%	324	8.3%
No Moving Violations Recorded	3,258	89.7%	3,417	89.3%	3,582	91.7%
Total	**3,633**	**100.0%**	**3,825**	**100.0%**	**3,906**	**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).

Vehicles Table 31. Large Trucks in Fatal Crashes by Number of Vehicles Involved, Vehicle-Related Factors, and Violations Recorded, 2013

Vehicle-Related Factors	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
Tires	25	3.2%	32	1.0%	**57**	**1.5%**
Brake System	19	2.4%	27	0.9%	**46**	**1.2%**
Other Working Vehicle (Not Construction, Maintenance, Utility, Police, Fire, or EMS Vehicle)	4	0.5%	10	0.3%	**14**	**0.4%**
Other Lights	1	0.1%	8	0.3%	**9**	**0.2%**
Highway Construction, Maintenance or Utility Vehicle, In Transport (Inside or Outside Work Zone)	1	0.1%	7	0.2%	**8**	**0.2%**
Vehicle Contributing Factors—No Details	4	0.5%	2	0.1%	**6**	**0.2%**
Power Train	0	0.0%	5	0.2%	**5**	**0.1%**
Police, Fire, or EMS Vehicle at Scene	0	0.0%	4	0.1%	**4**	**0.1%**
Truck Coupling / Trailer Hitch / Safety Chains	0	0.0%	3	0.1%	**3**	**0.1%**
Reconstructed/Altered Vehicle	0	0.0%	3	0.1%	**3**	**0.1%**
At Least One Vehicle-Related Factor Recorded	56	7.2%	113	3.6%	**169**	**4.3%**
No Vehicle-Related Factors Recorded	722	92.8%	3,015	96.4%	**3,737**	**95.7%**
Total	**778**	**100.0%**	**3,128**	**100.0%**	**3,906**	**100.0%**
At Least One Moving Violation Recorded	60	7.7%	264	8.4%	**324**	**8.3%**
No Moving Violations Recorded	718	92.3%	2,864	91.6%	**3,582**	**91.7%**
Total	**778**	**100.0%**	**3,128**	**100.0%**	**3,906**	**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).

Vehicles Table 32. Passenger Vehicles in Fatal Crashes by Vehicle-Related Factors and Violations Recorded, 2011-2013

Vehicle-Related Factors	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Tires	493	1.4%	555	1.6%	464	1.3%
Vehicle Registration for Handicapped	212	0.6%	190	0.5%	298	0.9%
Electric/Alternative Fuel Vehicle	95	0.3%	61	0.2%	155	0.4%
Brake System	39	0.1%	57	0.2%	42	0.1%
Vehicle Contributing Factors—No Details	23	0.1%	17	*	32	0.1%
Headlights	27	0.1%	27	0.1%	22	0.1%
Reconstructed/Altered Vehicle	16	*	14	*	22	0.1%
Steering	18	*	22	0.1%	16	*
Police, Fire, or EMS Vehicle at Scene	8	*	12	*	12	*
Wheels	9	*	12	*	10	*
At Least One Vehicle-Related Factor Recorded	1,064	3.1%	1,098	3.1%	1,169	3.4%
No Vehicle-Related Factors Recorded	33,250	96.9%	34,521	96.9%	33,522	96.6%
Total	**34,314**	**100.0%**	**35,619**	**100.0%**	**34,691**	**100.0%**
At Least One Moving Violation Recorded	4,429	12.9%	4,796	13.5%	4,397	12.7%
No Moving Violations Recorded	29,885	87.1%	30,823	86.5%	30,294	87.3%
Total	**34,314**	**100.0%**	**35,619**	**100.0%**	**34,691**	**100.0%**

*Less than 0.05 percent.
Note: A passenger vehicle is defined here as a car or light truck (including pickups, vans, and sport utility vehicles).
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

Vehicles Table 33. Passenger Vehicles in Fatal Crashes by Number of Vehicles Involved, Vehicle-Related Factors, and Violations Recorded, 2013

Vehicle-Related Factors	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
Tires	333	2.3%	131	0.6%	**464**	**1.3%**
Vehicle Registration for Handicapped	134	0.9%	164	0.8%	**298**	**0.9%**
Electric/Alternative Fuel Vehicle	40	0.3%	115	0.6%	**155**	**0.4%**
Brake System	14	0.1%	28	0.1%	**42**	**0.1%**
Vehicle Contributing Factors—No Details	4	*	28	0.1%	**32**	**0.1%**
Headlights	8	0.1%	14	0.1%	**22**	**0.1%**
Reconstructed/Altered Vehicle	13	0.1%	9	*	**22**	**0.1%**
Steering	8	0.1%	8	*	**16**	*
Police, Fire, or EMS Vehicle at Scene	1	*	11	0.1%	**12**	*
Wheels	5	*	5	*	**10**	*
At Least One Vehicle-Related Factor Recorded	599	4.2%	570	2.8%	**1,169**	**3.4%**
No Vehicle-Related Factors Recorded	13,814	95.8%	19,708	97.2%	**33,522**	**96.6%**
Total	**14,413**	**100.0%**	**20,278**	**100.0%**	**34,691**	**100.0%**
At Least One Moving Violation Recorded	1,807	12.5%	2,590	12.8%	**4,397**	**12.7%**
No Moving Violations Recorded	12,606	87.5%	17,688	87.2%	**30,294**	**87.3%**
Total	**14,413**	**100.0%**	**20,278**	**100.0%**	**34,691**	**100.0%**

*Less than 0.05 percent.
Note: A passenger vehicle is defined here as a car or light truck (including pickups, vans, and sport utility vehicles).
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

[This page intentionally left blank.]

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 in order to make 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 in this section:

- Of the 3,858 drivers of large trucks involved in fatal crashes in 2013, 170 (4 percent) were 25 years of age or younger, and 201 (5 percent) were 66 years of age or older. In comparison, 8 (3 percent) of the 273 drivers of buses in fatal crashes were 25 years of age or younger, and 33 (12 percent) were 66 years of age or older.

- About 3 percent of all the drivers of large trucks involved in fatal crashes in 2013 were female, compared with 32 percent of all drivers of buses involved in fatal crashes.

- Of the 3,858 drivers of large trucks involved in fatal crashes in 2013, 347 (9 percent) were not wearing a safety belt at the time of the crash; of those, 27 percent were completely or partially ejected from the vehicle.

- One or more driver-related factors were recorded for 56 percent of the drivers of large trucks involved in single-vehicle fatal crashes and for 28 percent of the drivers of large trucks involved in multiple-vehicle fatal crashes in 2013. In comparison, at least one driver-related factor was recorded for 71 percent of the drivers of passenger vehicles (cars, vans, pickup trucks, and sport utility vehicles) involved in single-vehicle crashes and 52 percent of the passenger vehicle drivers in multiple-vehicle crashes. Speeding was the most often coded driver-related factor for both vehicle types; distraction/inattention was the second most common for large truck drivers, and impairment (fatigue, alcohol, illness, etc.) was the second most common for passenger vehicle drivers.

- There were 691 large truck occupant fatalities in 2013, of which 87 percent were drivers of large trucks and 13 percent were passengers in large trucks.

People Table 1. Persons Killed in Crashes Involving Large Trucks, 2011-2013

Person Type	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Driver of Large Truck	551	14.6%	590	15.0%	600	15.1%
Driver of Other Motor Vehicle	2,079	55.0%	2,202	55.8%	2,221	56.0%
Passenger of Large Truck in Transport	88	2.3%	103	2.6%	91	2.3%
Passenger of Other Motor Vehicle in Transport	633	16.7%	648	16.4%	612	15.4%
Occupant of Motor Vehicle Not in Transport	9	0.2%	11	0.3%	11	0.3%
Occupant of Non-Motor Vehicle Transport Device**	11	0.3%	5	0.1%	4	0.1%
Pedestrian	335	8.9%	305	7.7%	338	8.5%
Bicyclist	60	1.6%	62	1.6%	78	2.0%
Other Cyclist	0	0.0%	0	0.0%	0	0.0%
Other Person on Personal Conveyance/In Building	13	0.3%	7	0.2%	8	0.2%
Unknown Occupant Type in Motor Vehicle in Transport	2	0.1%	11	0.3%	1	*
Total	**3,781**	**100.0%**	**3,944**	**100.0%**	**3,964**	**100.0%**

*Less than 0.05 percent.
**Refers to a person riding in an animal-drawn conveyance or on an animal, or an occupant of a railway train, etc.
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 Table 2. Persons Killed and Injured in Crashes Involving Large Trucks by Number of Vehicles Involved, 2013

Person Type	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
Persons Killed						
Driver of Large Truck	367	45.6%	233	7.4%	**600**	**15.1%**
Driver of Other Motor Vehicle	0	0.0%	2,221	70.3%	**2,221**	**56.0%**
Passenger of Large Truck in Transport	60	7.5%	31	1.0%	**91**	**2.3%**
Passenger of Other Motor Vehicle in Transport	0	0.0%	612	19.4%	**612**	**15.4%**
Occupant of Motor Vehicle Not in Transport	8	1.0%	3	0.1%	**11**	**0.3%**
Occupant of Non-Motor Vehicle Transport Device**	4	0.5%	0	0.0%	**4**	**0.1%**
Pedestrian	283	35.2%	55	1.7%	**338**	**8.5%**
Bicyclist	76	9.4%	2	0.1%	**78**	**2.0%**
Other Cyclist	0	0.0%	0	0.0%	**0**	**0.0%**
Other Person on Personal Conveyance/In Building	7	0.9%	1	*	**8**	**0.2%**
Unknown Occupant Type in Motor Vehicle in Transport	0	0.0%	1	*	**1**	*
Total	**805**	**100.0%**	**3,159**	**100.0%**	**3,964**	**100.0%**
Persons Injured						
Driver of Large Truck	7,000	68.8%	11,000	13.1%	**18,000**	**19.3%**
Driver of Other Motor Vehicle	*	*	52,000	61.5%	**52,000**	**54.7%**
Passenger of Large Truck in Transport	2,000	14.2%	4,000	4.9%	**6,000**	**6.0%**
Passenger of Other Motor Vehicle in Transport	*	*	17,000	20.0%	**17,000**	**17.7%**
Occupant of Motor Vehicle Not in Transport	1,000	5.2%	*	*	**1,000**	**0.6%**
Occupant of Non-Motor Vehicle Transport Device**	*	*	*	*	*	*
Pedestrian	1,000	5.8%	*	0.5%	**1,000**	**1.1%**
Bicyclist	1,000	6.0%	*	*	**1,000**	**0.7%**
Other Nonoccupant	*	*	*	*	*	*
Unknown Occupant Type in Motor Vehicle in Transport	*	*	*	*	*	*
Total	**11,000**	**100.0%**	**85,000**	**100.0%**	**95,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
**Refers to a person riding in an animal-drawn conveyance or on an animal, or an occupant of a railway train, etc.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
Sources: Persons Killed: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).
Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

People Table 3. Persons Killed in Crashes Involving Large Trucks by Age, 2011-2013

Age Group (Years)	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
17 and under	234	6.2%	224	5.7%	231	5.8%
18 - 25	587	15.5%	617	15.6%	589	14.9%
26 - 35	556	14.7%	661	16.8%	654	16.5%
36 - 45	577	15.3%	566	14.4%	592	14.9%
46 - 55	643	17.0%	674	17.1%	615	15.5%
56 - 65	535	14.1%	560	14.2%	575	14.5%
66 - 75	304	8.0%	332	8.4%	362	9.1%
76 and over	342	9.0%	306	7.8%	341	8.6%
Unknown	3	0.1%	4	0.1%	5	0.1%
Total	**3,781**	**100.0%**	**3,944**	**100.0%**	**3,964**	**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).

People Table 4. Persons Killed in Crashes Involving Large Trucks by Age and Sex, 2013

Age Group (Years)	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
17 and under	133	4.7%	98	8.8%	**231**	**5.8%**
18 - 25	412	14.5%	177	15.8%	**589**	**14.9%**
26 - 35	482	16.9%	172	15.4%	**654**	**16.5%**
36 - 45	454	15.9%	138	12.4%	**592**	**14.9%**
46 - 55	485	17.0%	130	11.6%	**615**	**15.5%**
56 - 65	428	15.0%	147	13.2%	**575**	**14.5%**
66 - 75	253	8.9%	109	9.8%	**362**	**9.1%**
76 and over	196	6.9%	145	13.0%	**341**	**8.6%**
Unknown	4	0.1%	1	0.1%	**5**	**0.1%**
Total	**2,847**	**100.0%**	**1,117**	**100.0%**	**3,964**	**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).

People Table 5. Persons Killed in Crashes Involving Passenger Vehicles by Age, 2011-2013

Age Group (Years)	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
17 and under	2,137	7.6%	2,123	7.2%	1,933	6.8%
18 - 25	5,826	20.7%	5,942	20.2%	5,617	19.8%
26 - 35	4,491	15.9%	4,843	16.5%	4,717	16.6%
36 - 45	3,628	12.9%	3,744	12.8%	3,576	12.6%
46 - 55	4,098	14.5%	4,289	14.6%	4,136	14.6%
56 - 65	3,181	11.3%	3,485	11.9%	3,499	12.3%
66 - 75	2,211	7.9%	2,300	7.8%	2,309	8.1%
76 and over	2,548	9.0%	2,593	8.8%	2,582	9.1%
Unknown	45	0.2%	42	0.1%	44	0.2%
Total	**28,165**	**100.0%**	**29,361**	**100.0%**	**28,413**	**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).

People Table 6. Persons Killed in Crashes Involving Passenger Vehicles by Age and Sex, 2013

Age Group (Years)	Male		Female		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
17 and under	1,112	5.7%	819	9.1%	2	20.0%	**1,933**	**6.8%**
18 - 25	4,003	20.6%	1,613	17.9%	1	10.0%	**5,617**	**19.8%**
26 - 35	3,415	17.6%	1,302	14.5%	0	0.0%	**4,717**	**16.6%**
36 - 45	2,551	13.2%	1,024	11.4%	1	10.0%	**3,576**	**12.6%**
46 - 55	2,911	15.0%	1,225	13.6%	0	0.0%	**4,136**	**14.6%**
56 - 65	2,413	12.4%	1,086	12.1%	0	0.0%	**3,499**	**12.3%**
66 - 75	1,487	7.7%	822	9.1%	0	0.0%	**2,309**	**8.1%**
76 and over	1,474	7.6%	1,107	12.3%	1	10.0%	**2,582**	**9.1%**
Unknown	30	0.2%	9	0.1%	5	50.0%	**44**	**0.2%**
Total	**19,396**	**100.0%**	**9,007**	**100.0%**	**10**	**100.0%**	**28,413**	**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).

People Table 7. Persons Injured in Crashes Involving Large Trucks by Age and Sex, 2013

Age Group (Years)	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
17 and under	3,000	5.2%	4,000	10.2%	**7,000**	**7.2%**
18 - 25	10,000	17.7%	7,000	19.4%	**18,000**	**18.4%**
26 - 35	12,000	21.9%	7,000	19.2%	**20,000**	**20.8%**
36 - 45	11,000	19.4%	5,000	13.9%	**16,000**	**17.2%**
46 - 55	9,000	16.7%	7,000	17.0%	**16,000**	**16.8%**
56 - 65	7,000	13.1%	4,000	11.0%	**12,000**	**12.3%**
66 - 75	2,000	3.9%	2,000	6.2%	**5,000**	**4.8%**
76 and over	1,000	2.1%	1,000	3.0%	**2,000**	**2.5%**
Total	**57,000**	**100.0%**	**38,000**	**100.0%**	**95,000**	**100.0%**

Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
Source: National Highway Traffic Safety Administration, General Estimates System (GES).

People Table 8. Persons Injured in Crashes Involving Passenger Vehicles by Age and Sex, 2013

Age Group (Years)	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
17 and under	129,000	12.6%	153,000	12.7%	**282,000**	**12.7%**
18 - 25	231,000	22.6%	245,000	20.4%	**476,000**	**21.4%**
26 - 35	198,000	19.3%	237,000	19.7%	**435,000**	**19.5%**
36 - 45	135,000	13.2%	155,000	12.9%	**290,000**	**13.0%**
46 - 55	144,000	14.1%	164,000	13.7%	**308,000**	**13.9%**
56 - 65	104,000	10.2%	130,000	10.8%	**234,000**	**10.5%**
66 - 75	51,000	5.0%	69,000	5.7%	**120,000**	**5.4%**
76 and over	31,000	3.1%	49,000	4.0%	**80,000**	**3.6%**
Total	**1,023,000**	**100.0%**	**1,202,000**	**100.0%**	**2,225,000**	**100.0%**

Notes: A passenger vehicle is defined as a car or light truck (including pickups, vans, and sport utility vehicles). Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
Source: National Highway Traffic Safety Administration, General Estimates System (GES).

People Table 9. Persons Killed in Crashes Involving Large Trucks by Time of Day, 2011-2013

Time of Day	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
12am - 3am	296	7.8%	336	8.5%	301	7.6%
3am - 6am	381	10.1%	390	9.9%	360	9.1%
6am - 9am	549	14.5%	580	14.7%	594	15.0%
9am - 12pm	573	15.2%	632	16.0%	645	16.3%
12pm - 3pm	726	19.2%	710	18.0%	765	19.3%
3pm - 6pm	623	16.5%	602	15.3%	593	15.0%
6pm - 9pm	340	9.0%	383	9.7%	366	9.2%
9pm - 12am	291	7.7%	310	7.9%	338	8.5%
Unknown	2	0.1%	1	*	2	*
Daytime (6am - 6pm)	*2,471*	*65.4%*	*2,524*	*64.0%*	*2,597*	*65.5%*
Nighttime (6pm - 6am)	*1,308*	*34.6%*	*1,419*	*36.0%*	*1,365*	*34.4%*
Total	**3,781**	**100.0%**	**3,944**	**100.0%**	**3,964**	**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).

People Table 10. Persons Killed and Injured in Crashes Involving Large Trucks by Time of Day, 2013

Time of Day	Persons Killed		Persons Injured	
	Number	Percent	Number	Percent
12am - 3am	301	7.6%	4,000	3.9%
3am - 6am	360	9.1%	5,000	4.9%
6am - 9am	594	15.0%	17,000	18.3%
9am - 12pm	645	16.3%	16,000	17.3%
12pm - 3pm	765	19.3%	21,000	22.1%
3pm - 6pm	593	15.0%	19,000	20.4%
6pm - 9pm	366	9.2%	7,000	7.0%
9pm - 12am	338	8.5%	6,000	6.1%
Unknown	2	*	*	*
Daytime (6am - 6pm)	*2,597*	*65.5%*	*74,000*	*78.1%*
Nighttime (6pm - 6am)	*1,365*	*34.4%*	*21,000*	*21.9%*
Total	**3,964**	**100.0%**	**95,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
Sources: Persons Killed: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).
Persons Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

People Table 11. Drivers of Large Trucks in Fatal Crashes by Age, 2011-2013

Age Group (Years)	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
17 and Under	4	0.1%	7	0.2%	3	0.1%
18 - 25	197	5.5%	201	5.3%	167	4.3%
26 - 35	560	15.6%	598	15.8%	627	16.3%
36 - 45	870	24.2%	954	25.3%	915	23.7%
46 - 55	1,104	30.7%	1,127	29.9%	1,182	30.6%
56 - 65	674	18.8%	674	17.9%	746	19.3%
66 - 75	153	4.3%	170	4.5%	172	4.5%
76 and Over	25	0.7%	25	0.7%	29	0.8%
Unknown	7	0.2%	18	0.5%	17	0.4%
Total	**3,594**	**100.0%**	**3,774**	**100.0%**	**3,858**	**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).

People Table 12. Drivers of Large Trucks in Fatal Crashes by Age and Sex, 2013

Age Group (Years)	Male		Female		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
17 and Under	2	0.1%	1	1.0%	0	0.0%	**3**	**0.1%**
18 - 25	163	4.4%	3	3.1%	1	7.1%	**167**	**4.3%**
26 - 35	614	16.4%	13	13.3%	0	0.0%	**627**	**16.3%**
36 - 45	899	24.0%	16	16.3%	0	0.0%	**915**	**23.7%**
46 - 55	1,137	30.4%	45	45.9%	0	0.0%	**1,182**	**30.6%**
56 - 65	729	19.5%	17	17.3%	0	0.0%	**746**	**19.3%**
66 - 75	170	4.5%	2	2.0%	0	0.0%	**172**	**4.5%**
76 and Over	28	0.7%	1	1.0%	0	0.0%	**29**	**0.8%**
Unknown	4	0.1%	0	0.0%	13	92.9%	**17**	**0.4%**
Total	**3,746**	**100.0%**	**98**	**100.0%**	**14**	**100.0%**	**3,858**	**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).

People Table 13. Drivers of Buses in Fatal Crashes by Age, 2011-2013

Age Group (Years)	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
17 and Under	0	0.0%	0	0.0%	0	0.0%
18 - 25	5	2.1%	9	3.7%	8	2.9%
26 - 35	24	10.3%	29	11.8%	36	13.2%
36 - 45	51	21.9%	53	21.5%	47	17.2%
46 - 55	70	30.0%	70	28.5%	65	23.8%
56 - 65	64	27.5%	63	25.6%	83	30.4%
66 - 75	16	6.9%	19	7.7%	33	12.1%
76 and Over	3	1.3%	3	1.2%	0	0.0%
Unknown	0	0.0%	0	0.0%	1	0.4%
Total	**233**	**100.0%**	**246**	**100.0%**	**273**	**100.0%**

Note: A bus is defined as any motor vehicle designed primarily to transport nine or more persons, including the driver.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

People Table 14. Drivers of Buses in Fatal Crashes by Age and Sex, 2013

Age Group (Years)	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
17 and Under	0	0.0%	0	0.0%	**0**	**0.0%**
18 - 25	7	3.8%	1	1.1%	**8**	**2.9%**
26 - 35	17	9.2%	19	21.8%	**36**	**13.2%**
36 - 45	31	16.8%	16	18.4%	**47**	**17.2%**
46 - 55	43	23.2%	22	25.3%	**65**	**23.8%**
56 - 65	59	31.9%	24	27.6%	**83**	**30.4%**
66 - 75	28	15.1%	5	5.7%	**33**	**12.1%**
76 and Over	0	0.0%	0	0.0%	**0**	**0.0%**
Unknown	0	0.0%	0	0.0%	**1**	**0.4%**
Total	**185**	**100.0%**	**87**	**100.0%**	**273**	**100.0%**

Note: A bus is defined as any motor vehicle designed primarily to transport nine or more persons, including the driver.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

People Table 15. Drivers of Large Trucks in Fatal Crashes by Restraint Use, 2011-2013

Restraint Use	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
None	345	9.6%	350	9.3%	347	9.0%
Shoulder Belt Only	9	0.3%	11	0.3%	10	0.3%
Lap Belt Only	90	2.5%	66	1.7%	52	1.3%
Lap and Shoulder Belt	2,886	80.3%	3,054	80.9%	3,174	82.3%
Type Unknown	1	*	1	*	6	0.2%
Unknown	263	7.3%	292	7.7%	269	7.0%
Total	**3,594**	**100.0%**	**3,774**	**100.0%**	**3,858**	**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).

People Table 16. Drivers of Large Trucks in Fatal Crashes by Restraint Use and Ejection from the Vehicle, 2013

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	253	6.8%	71	69.6%	21	67.7%	2	11.8%	**347**	**9.0%**
Shoulder Belt Only	10	0.3%	0	0.0%	0	0.0%	0	0.0%	**10**	**0.3%**
Lap Belt Only	50	1.3%	1	1.0%	1	3.2%	0	0.0%	**52**	**1.3%**
Lap and Shoulder Belt	3,153	85.0%	8	7.8%	6	19.4%	7	41.2%	**3,174**	**82.3%**
Type Unknown	6	0.2%	0	0.0%	0	0.0%	0	0.0%	**6**	**0.2%**
Unknown	236	6.4%	22	21.6%	3	9.7%	8	47.1%	**269**	**7.0%**
Total	**3,708**	**100.0%**	**102**	**100.0%**	**31**	**100.0%**	**17**	**100.0%**	**3,858**	**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).

People Table 17. Drivers of Large Trucks in Fatal Crashes by Commercial Drivers License (CDL) Status, 2011-2013

CDL Status	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Valid	2,983	83.0%	3,114	82.5%	3,216	83.4%
No CDL	504	14.0%	529	14.0%	496	12.9%
Suspended	18	0.5%	20	0.5%	21	0.5%
Revoked, Expired, Canceled, Disqualified	21	0.6%	22	0.6%	39	1.0%
Other Not Valid	8	0.2%	2	0.1%	10	0.3%
Unknown	60	1.7%	87	2.3%	76	2.0%
Total	**3,594**	**100.0%**	**3,774**	**100.0%**	**3,858**	**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).

People Table 18. Drivers of Large Trucks in Fatal Crashes by License Compliance, 2011-2013

License Compliance	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Valid License for Class of Vehicle	3,413	95.0%	3,558	94.3%	3,639	94.3%
Not Licensed	12	0.3%	17	0.5%	12	0.3%
No License Required for Class of Vehicle	2	0.1%	2	0.1%	2	0.1%
No Valid License for Class of Vehicle	97	2.7%	102	2.7%	116	3.0%
Unknown if Required for Class of Vehicle	9	0.3%	6	0.2%	7	0.2%
Unknown	61	1.7%	89	2.4%	82	2.1%
Total	**3,594**	**100.0%**	**3,774**	**100.0%**	**3,858**	**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).

People Table 19. Large Truck Injury Crash Data by Injury Severity, 2013

Injury Severity	Injury Crashes		Large Trucks Involved in Injury Crashes		Persons Injured in Large Truck Crashes	
	Number	Percent	Number	Percent	Number	Percent
Incapacitating Injury	7,000	10.8%	8,000	10.8%	10,000	10.1%
Nonincapacitating Evident Injury	24,000	34.9%	26,000	35.8%	30,000	31.8%
Possible Injury	35,000	50.5%	36,000	49.6%	51,000	54.0%
Injured, Severity Unknown	3,000	3.7%	3,000	3.8%	4,000	4.2%
Total	**69,000**	**100.0%**	**73,000**	**100.0%**	**95,000**	**100.0%**

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. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
Source: National Highway Traffic Safety Administration, General Estimates System (GES).

People Table 20. Drug Test Results for Large Truck Drivers in Fatal Crashes, 2011-2013

Drug Test Result	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Not Tested for Drugs	2,060	57.3%	2,385	63.2%	2,439	63.2%
No Drugs Reported/Negative	928	25.8%	869	23.0%	812	21.0%
Not Reported	118	3.3%	76	2.0%	160	4.1%
Tested for Drugs, Results Unknown	150	4.2%	189	5.0%	139	3.6%
Unknown if Tested	153	4.3%	85	2.3%	117	3.0%
At Least One Positive Drug Test Result:	185	5.1%	170	4.5%	191	5.0%
Narcotic	*40*	*1.1%*	*39*	*1.0%*	*50*	*1.3%*
Depressant	*35*	*1.0%*	*30*	*0.8%*	*37*	*1.0%*
Stimulant	*63*	*1.8%*	*59*	*1.6%*	*68*	*1.8%*
Cannabinoid	*39*	*1.1%*	*32*	*0.8%*	*50*	*1.3%*
Other Drugs	*84*	*2.3%*	*77*	*2.0%*	*76*	*2.0%*
Tested for Drugs, Drugs Found, Type Unknown/Positive	*8*	*0.2%*	*12*	*0.3%*	*11*	*0.3%*
Total	**3,594**	**100.0%**	**3,774**	**100.0%**	**3,858**	**100.0%**

Notes: Drivers can test positive for more than one drug. 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 Table 21. Drug Test Results for All Drivers in Fatal Crashes, 2011-2013

Drug Test Result	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Not Tested for Drugs	22,224	50.7%	23,879	52.3%	23,655	53.1%
No Drugs Reported/Negative	11,189	25.5%	11,181	24.5%	9,915	22.2%
Not Reported	1,207	2.8%	1,101	2.4%	2,336	5.2%
Tested for Drugs, Results Unknown	1,363	3.1%	1,736	3.8%	1,282	2.9%
Unknown if Tested	1,761	4.0%	1,195	2.6%	1,197	2.7%
At Least One Positive Drug Test Result:	6,096	13.9%	6,572	14.4%	6,189	13.9%
Narcotic	*1,741*	*4.0%*	*1,790*	*3.9%*	*1,618*	*3.6%*
Depressant	*1,834*	*4.2%*	*1,877*	*4.1%*	*1,860*	*4.2%*
Stimulant	*1,710*	*3.9%*	*1,864*	*4.1%*	*1,994*	*4.5%*
Hallucinogen	*20*	*	*36*	*0.1%*	*49*	*0.1%*
Cannabinoid	*2,447*	*5.6%*	*2,695*	*5.9%*	*2,608*	*5.9%*
Phencyclidine (PCP)	*33*	*0.1%*	*41*	*0.1%*	*32*	*0.1%*
Anabolic Steroid	*2*	*	*5*	*	*1*	*
Inhalant	*15*	*	*16*	*	*12*	*
Other Drugs	*1,820*	*4.2%*	*2,112*	*4.6%*	*1,893*	*4.2%*
Tested for Drugs, Drugs Found, Type Unknown/Positive	*369*	*0.8%*	*320*	*0.7%*	*290*	*0.7%*
Total	**43,840**	**100.0%**	**45,664**	**100.0%**	**44,574**	**100.0%**

*Less than 0.05 percent.
Notes: Drivers can test positive for more than one drug.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

People Table 22. Large Truck Occupants Killed by Person Type, 2011-2013

Person Type	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Driver	551	86.1%	590	84.6%	600	86.8%
Passenger	88	13.8%	103	14.8%	91	13.2%
Unknown Occupant Type	1	0.2%	4	0.6%	0	0.0%
Total	**640**	**100.0%**	**697**	**100.0%**	**691**	**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).

People Table 23. Large Truck Occupants Killed and Injured by Person Type, 2013

Person Type	Large Truck Occupants Killed		Large Truck Occupants Injured	
	Number	Percent	Number	Percent
Driver	600	86.8%	18,000	81.2%
Passenger	91	13.2%	6,000	18.8%
Unknown Occupant Type	0	0.0%	*	*
Total	**691**	**100.0%**	**24,000**	**100.0%**

*Less than 500 or less than 0.05 percent.
Notes: A large truck is defined as a truck with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. Individual numbers may not add up to the totals due to independent rounding. Percentages are based on unrounded numbers.
Sources: Large Truck Occupants Killed: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS). Large Truck Occupants Injured: National Highway Traffic Safety Administration, General Estimates System (GES).

People Table 24. Vehicles Involved, Persons Involved, and Persons Killed in Fatal Large Truck Crashes, 2013

Vehicle / Person Type	Vehicles Involved		Persons Involved		Persons Killed	
	Number	Percent	Number	Percent	Number	Percent
Vehicles/Vehicle Occupants						
Passenger Car	1,728	23.5%	2,540	24.7%	1,438	36.3%
Light Truck	1,457	19.9%	2,319	22.5%	1,164	29.4%
Large Truck (Single-Vehicle Crash)	778	10.6%	961	9.3%	427	10.8%
Large Truck (Multiple-Vehicle Crash)	3,128	42.6%	3,606	35.0%	264	6.7%
Bus	15	0.2%	95	0.9%	16	0.4%
Motorcycle	206	2.8%	231	2.2%	204	5.1%
Other Vehicle Type	27	0.4%	29	0.3%	12	0.3%
Total Vehicles/Vehicle Occupants	***7,339***	***100.0%***	***9,781***	***95.0%***	***3,525***	***88.9%***
Nonmotorists						
Occupant of a Motor Vehicle Not In Transport	—	—	53	0.5%	11	0.3%
Occupant of a Non-Motor Vehicle Transport Device	—	—	9	0.1%	4	0.1%
Pedestrian	—	—	362	3.5%	338	8.5%
Bicyclist	—	—	79	0.8%	78	2.0%
Person on a Personal Conveyance	—	—	7	0.1%	7	0.2%
Person in or on a Building	—	—	2	*	1	*
Total Nonmotorists	***—***	***—***	***512***	***5.0%***	***439***	***11.1%***
Total	**7,339**	**100.0%**	**10,293**	**100.0%**	**3,964**	**100.0%**

*Less than 0.05 percent.
— Not applicable.
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 any motor vehicle designed primarily to transport nine or more persons, including the driver.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

People Table 25. Vehicles Involved, Persons Involved, and Persons Killed in Fatal Bus Crashes, 2013

Vehicle / Person Type	Vehicles Involved		Persons Involved		Persons Killed	
	Number	Percent	Number	Percent	Number	Percent
Vehicles/Vehicle Occupants						
Passenger Car	103	20.0%	153	10.9%	83	26.8%
Light Truck	91	17.7%	142	10.1%	63	20.3%
Large Truck	18	3.5%	23	1.6%	4	1.3%
Bus (Single-Vehicle Crash)	98	19.0%	296	21.1%	24	7.7%
Bus (Multiple-Vehicle Crash)	182	35.3%	664	47.4%	24	7.7%
Motorcycle	23	4.5%	25	1.8%	23	7.4%
Other Vehicle Type	0	0.0%	0	0.0%	0	0.0%
Total Vehicles/Vehicle Occupants	***515***	***100.0%***	***1,303***	***92.9%***	***221***	***71.3%***
Nonmotorists						
Occupant of a Motor Vehicle Not In Transport	—	—	4	0.3%	0	0.0%
Occupant of a Non-Motor Vehicle Transport Device	—	—	0	0.0%	0	0.0%
Pedestrian	—	—	77	5.5%	71	22.9%
Bicyclist	—	—	13	0.9%	13	4.2%
Person on a Personal Conveyance	—	—	5	0.4%	5	1.6%
Person in or on a Building	—	—	0	0.0%	0	0.0%
Total Nonmotorists	***—***	***—***	***99***	***7.1%***	***89***	***28.7%***
Total	**515**	**100.0%**	**1,402**	**100.0%**	**310**	**100.0%**

— Not applicable.
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 any motor vehicle designed primarily to transport nine or more persons, including the driver.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

People Table 26. Pedestrians and Bicyclists Killed in Large Truck, Bus, and All Vehicle Crashes, 2011-2013

Crash Type	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Pedestrian Fatalities						
Large Truck Crash	335	7.5%	305	6.3%	338	7.1%
Bus Crash	69	1.5%	77	1.6%	71	1.5%
All Vehicle Crashes	4,457	100.0%	4,818	100.0%	4,735	100.0%
Bicyclist Fatalities						
Large Truck Crash	60	8.8%	62	8.5%	78	10.5%
Bus Crash	10	1.5%	12	1.6%	13	1.8%
All Vehicle Crashes	680	100.0%	730	100.0%	741	100.0%

Note: 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 any motor vehicle designed primarily to transport nine or more persons, including the driver.
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

People Table 27. Drivers of Large Trucks in Fatal Crashes by Driver-Related Factors and Violations Recorded, 2011-2013

Driver-Related Factors	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Speeding of Any Kind	286	8.0%	295	7.8%	314	8.1%
Distraction/inattention (Cell Phone, Lost in Thought, Eating, etc.)[a]	228	6.3%	245	6.5%	229	5.9%
Vision Obscured (by Weather, Roadway Design, Vehicles, etc.)	126	3.5%	153	4.1%	169	4.4%
Failure to Yield Right of Way	145	4.0%	165	4.4%	155	4.0%
Failure to Keep in Proper Lane	121	3.4%	98	2.6%	150	3.9%
Impairment (Fatigue, Alcohol, Illness, etc.)[a]	146	4.1%	151	4.0%	148	3.8%
Careless Driving	—	—	104	2.8%	94	2.4%
Failure to Obey Actual Traffic Sign, Traffic Control Devices or Traffic Officers; Failure to Obey Safety Zone Traffic Laws	84	2.3%	104	2.8%	89	2.3%
Ice, Water, Snow, Slush, Sand, Dirt, Oil, Wet Leaves on Road	41	1.1%	40	1.1%	81	2.1%
Following Improperly	69	1.9%	67	1.8%	68	1.8%
Overcorrecting	58	1.6%	78	2.1%	64	1.7%
Stopping in Roadway (Vehicle Not Abandoned)	21	0.6%	25	0.7%	37	1.0%
Non-Traffic Violation Charged (Manslaughter or Homicide or Other Assault)	26	0.7%	42	1.1%	33	0.9%
Operating the Vehicle in an Erratic, Reckless, Careless, or Negligent Manner or Operating at Erratic or Suddenly Changing Speeds	83	2.3%	25	0.7%	32	0.8%
Making Improper Turn	51	1.4%	52	1.4%	31	0.8%
Improper or Erratic Lane Changing	26	0.7%	18	0.5%	29	0.8%
Vehicle in Road	17	0.5%	19	0.5%	29	0.8%
Driver has a Driving Record or Driver's License from More than One State	9	0.3%	22	0.6%	28	0.7%
Pedestrian, Pedalcyclist, or Other Nonmotorist in Road	22	0.6%	29	0.8%	24	0.6%
Starting or Backing Improperly	20	0.6%	11	0.3%	23	0.6%
Driving on Wrong Side of Road (Intentional or Unintentional)	27	0.8%	18	0.5%	23	0.6%
Operating Without Required Equipment	11	0.3%	41	1.1%	22	0.6%
Driver Has Not Complied With Physical or Other Imposed Restrictions	12	0.3%	6	0.2%	19	0.5%
Tire Blow-Out or Flat	18	0.5%	13	0.3%	15	0.4%
Severe Crosswind	2	0.1%	2	0.1%	11	0.3%
Driving Less Than Posted Minimum	9	0.3%	4	0.1%	8	0.2%
Slippery or Loose Surface	2	0.1%	2	0.1%	8	0.2%
Overloading or Improper Loading of Vehicle with Passenger or Cargo	8	0.2%	11	0.3%	7	0.2%
Passing with Insufficient Distance or Inadequate Visibility or Failing to Yield to Overtaking Vehicle	9	0.3%	11	0.3%	7	0.2%
Operator Inexperience	7	0.2%	6	0.2%	6	0.2%
Debris or Objects in Road	4	0.1%	2	0.1%	6	0.2%
Trailer Fishtailing or Swaying	4	0.1%	6	0.2%	5	0.1%
Making Improper Entry to or Exit from Trafficway	3	0.1%	6	0.2%	4	0.1%
Passing Where Prohibited by Posted Signs, Pavement Markings, Hill, or Curve, or School Bus Displaying Warning Not to Pass	5	0.1%	5	0.1%	4	0.1%
Live Animals in Road	2	0.1%	7	0.2%	4	0.1%
Phantom Vehicle	6	0.2%	5	0.1%	4	0.1%
At Least One Driver-Related Factor Recorded	1,231	34.3%	1,259	33.4%	1,295	33.6%
No Driver-Related Factors Recorded	2,363	65.7%	2,515	66.6%	2,563	66.4%
Total[b]	**3,594**	**100.0%**	**3,774**	**100.0%**	**3,858**	**100.0%**
At Least One Moving Violation Recorded	336	9.3%	358	9.5%	324	8.4%
No Moving Violations Recorded	3,258	90.7%	3,416	90.5%	3,534	91.6%
Total[b]	**3,594**	**100.0%**	**3,774**	**100.0%**	**3,858**	**100.0%**

[a]For more detail on driver distractions and impairments, see People Tables 29 and 30.
[b]The sums of numbers and percentages may be greater than the totals shown, because more than one factor may be present for a single driver.
— Not an option for 2011.
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 Table 28. Drivers of Passenger Vehicles in Fatal Crashes by Driver-Related Factors and Violations Recorded, 2011-2013

Driver-Related Factors	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Speeding of Any Kind	6,960	20.4%	7,155	20.2%	6,696	19.4%
Impairment (Fatigue, Alcohol, Illness, etc.)	6,387	18.7%	6,778	19.2%	6,519	18.9%
Failure to Keep in Proper Lane	3,410	10.0%	2,969	8.4%	3,223	9.4%
Distraction/inattention (Cell Phone, Lost in Thought, Eating, etc.)	2,822	8.3%	2,941	8.3%	2,800	8.1%
Failure to Yield Right of Way	2,789	8.2%	2,876	8.1%	2,800	8.1%
Overcorrecting	1,943	5.7%	2,086	5.9%	1,845	5.4%
Careless Driving	—	—	1,634	4.6%	1,670	4.8%
Failure to Obey Actual Traffic Sign, Traffic Control Devices, or Traffic Officers; Failure to Obey Safety Zone Traffic Laws	1,588	4.7%	1,544	4.4%	1,501	4.4%
Operating the Vehicle in an Erratic, Reckless, Careless, or Negligent Manner or Operating at Erratic or Suddenly Changing Speeds	2,026	5.9%	1,352	3.8%	1,226	3.6%
Vision Obscured (by Weather, Roadway Design, Vehicles, etc.)	1,048	3.1%	1,023	2.9%	1,190	3.5%
Non-Traffic Violation Charged—Manslaughter or Homicide or Other Assault	530	1.6%	730	2.1%	713	2.1%
Driving on Wrong Side of Road (Intentional or Unintentional)	896	2.6%	853	2.4%	706	2.0%
Ice, Water, Snow, Slush, Sand, Dirt, Oil, Wet Leaves on Road	673	2.0%	527	1.5%	687	2.0%
Making Improper Turn	833	2.4%	790	2.2%	569	1.7%
Following Improperly	342	1.0%	336	0.9%	347	1.0%
Operating Without Required Equipment	383	1.1%	384	1.1%	315	0.9%
Driver Has Not Complied With Physical or Other Imposed Restrictions	368	1.1%	281	0.8%	299	0.9%
Improper or Erratic Lane Changing	313	0.9%	264	0.7%	264	0.8%
Aggressive Driving / Road Rage	191	0.6%	232	0.7%	241	0.7%
Driver Has Driving Record or Driver's License from More Than One State	203	0.6%	182	0.5%	241	0.7%
Pedestrian, Pedalcyclist, or Other Nonmotorist in Road	260	0.8%	287	0.8%	220	0.6%
Passing with Insufficient Distance or Inadequate Visibility or Failing to Yield to Overtaking Vehicle	214	0.6%	176	0.5%	182	0.5%
Police Pursuing Driver or Police Officer in Pursuit	168	0.5%	196	0.6%	181	0.5%
Stopping in Roadway (Vehicle Not Abandoned)	91	0.3%	101	0.3%	126	0.4%
Passing Where Prohibited by Posted Signs, Pavement Markings, Hill, or Curve, or School Bus Displaying Warning Not to Pass	103	0.3%	111	0.3%	103	0.3%
Operator Inexperience	116	0.3%	108	0.3%	100	0.3%
Driver Has Not Complied with Learners Permit or Intermediate Driver License Restrictions (GDL Restrictions)	126	0.4%	118	0.3%	95	0.3%
Vehicle in Road	90	0.3%	71	0.2%	82	0.2%
Tire Blowout or Flat	113	0.3%	116	0.3%	78	0.2%
Driving Wrong Way on One-Way Trafficway	70	0.2%	62	0.2%	77	0.2%
Phantom Vehicle	80	0.2%	75	0.2%	74	0.2%
Live Animals in Road	76	0.2%	79	0.2%	61	0.2%
Starting or Backing Improperly	57	0.2%	55	0.2%	51	0.1%
Police or Law Enforcement Officer	41	0.1%	54	0.2%	48	0.1%
Slippery or Loose Surface	50	0.1%	37	0.1%	47	0.1%
At Least One Driver-Related Factor Recorded	21,184	62.1%	21,234	60.0%	20,542	59.6%
No Driver-Related Factors Recorded	12,914	37.9%	14,143	40.0%	13,911	40.4%
Total[a]	**34,098**	**100.0%**	**35,377**	**100.0%**	**34,453**	**100.0%**
At Least One Moving Violation Recorded	4,240	12.4%	4,597	13.0%	4,392	12.7%
No Moving Violations Recorded	29,858	87.6%	30,780	87.0%	30,061	87.3%
Total[a]	**34,098**	**100.0%**	**35,377**	**100.0%**	**34,453**	**100.0%**

[a]The sums of numbers and percentages may be greater than the totals shown, because more than one factor may be present for a single driver.
— Not an option for 2011.
Note: A passenger vehicle is defined here as a car or light truck (including pickups, vans, and sport utility vehicles).
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

People Table 29. Drivers of Large Trucks in Fatal Crashes by Distraction-Related and Impairment-Related Factors, 2011-2013

Driver Distraction-Related Factors	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Inattentive, Details Unknown	—	—	81	2.1%	83	2.2%
Looked But Did Not See	21	0.6%	29	0.8%	35	0.9%
Distraction/Inattention	—	—	27	0.7%	22	0.6%
Distracted, Details Unknown	88	2.4%	33	0.9%	20	0.5%
Other Cellular Phone Related	15	0.4%	11	0.3%	16	0.4%
Distracted by Outside Person, Object, or Event	15	0.4%	14	0.4%	14	0.4%
Other Distraction	25	0.7%	14	0.4%	10	0.3%
Talking or Listening to Cellular Phone	7	0.2%	11	0.3%	7	0.2%
Eating or Drinking	9	0.3%	3	0.1%	7	0.2%
Careless/Inattentive	—	—	6	0.2%	4	0.1%
Distracted by Moving Object in Vehicle	0	0.0%	2	0.1%	3	0.1%
Dialing Cellular Phone	2	0.1%	4	0.1%	3	0.1%
Using or Reaching For Device/Object Brought Into Vehicle	6	0.2%	3	0.1%	3	0.1%
Adjusting Audio and/or Climate Controls	4	0.1%	2	0.1%	2	0.1%
Distracted by Other Occupant(s)	1	*	2	0.1%	0	0.0%
Using Other Device/Controls Integral to Vehicle	2	0.1%	1	*	0	0.0%
Smoking Related	1	*	1	*	0	0.0%
Lost In Thought/Day Dreaming	—	—	1	*	0	0.0%
Inattentive or Lost in Thought	32	0.9%	—	—	—	—
At Least One Driver Distraction-Related Factor Recorded	228	6.3%	245	6.5%	229	5.9%
No Driver Distraction-Related Factors Recorded	3,366	93.7%	3,529	93.5%	3,629	94.1%
Total	**3,594**	**100.0%**	**3,774**	**100.0%**	**3,858**	**100.0%**

Driver Impairment-Related Factors	2011		2012		2013	
	Number	Percent	Number	Percent	Number	Percent
Asleep or Fatigued	64	1.8%	64	1.7%	56	1.5%
Under the Influence of Alcohol, Drugs, or Medication	51	1.4%	58	1.5%	48	1.2%
Ill, Blackout	16	0.4%	19	0.5%	28	0.7%
Other Physical Impairment	5	0.1%	6	0.2%	12	0.3%
Physical Impairment, No Details	4	0.1%	1	*	2	0.1%
Deaf	0	0.0%	0	0.0%	1	*
Blind	0	0.0%	0	0.0%	1	*
Emotional (Depressed, Angry, Disturbed, etc.)	6	0.2%	3	0.1%	0	0.0%
At Least One Driver Impairment-Related Factor Recorded	146	4.1%	151	4.0%	148	3.8%
No Driver Impairment-Related Factors Recorded	3,448	95.9%	3,623	96.0%	3,710	96.2%
Total	**3,594**	**100.0%**	**3,774**	**100.0%**	**3,858**	**100.0%**

*Less than 0.05 percent.
— Not an option for this particular year.
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 Table 30. Drivers of Large Trucks in Fatal Crashes by Number of Vehicles Involved and Distraction-Related and Impairment-Related Factors, 2013

Driver Distraction-Related Factors	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
Inattentive, Details Unknown	30	3.9%	53	1.7%	**83**	**2.2%**
Looked But Did Not See	19	2.5%	16	0.5%	**35**	**0.9%**
Distraction/Inattention	7	0.9%	15	0.5%	**22**	**0.6%**
Distracted, Details Unknown	9	1.2%	11	0.4%	**20**	**0.5%**
Other Cellular Phone Related	4	0.5%	12	0.4%	**16**	**0.4%**
Distracted by Outside Person, Object, or Event	7	0.9%	7	0.2%	**14**	**0.4%**
Other Distraction	3	0.4%	7	0.2%	**10**	**0.3%**
Talking or Listening to Cellular Phone	1	0.1%	6	0.2%	**7**	**0.2%**
Eating or Drinking	3	0.4%	4	0.1%	**7**	**0.2%**
Careless/Inattentive	0	0.0%	4	0.1%	**4**	**0.1%**
Distracted by Moving Object in Vehicle	1	0.1%	2	0.1%	**3**	**0.1%**
Dialing Cellular Phone	1	0.1%	2	0.1%	**3**	**0.1%**
Using or Reaching for Device/Object Brought into Vehicle	1	0.1%	2	0.1%	**3**	**0.1%**
Adjusting Audio and/or Climate Controls	0	0.0%	2	0.1%	**2**	**0.1%**
At Least One Driver Distraction-Related Factor Recorded	86	11.2%	143	4.6%	**229**	**5.9%**
No Driver Distraction-Related Factors Recorded	682	88.8%	2,947	95.4%	**3,629**	**94.1%**
Total	**768**	**100.0%**	**3,090**	**100.0%**	**3,858**	**100.0%**

Driver Impairment-Related Factors	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
Asleep or Fatigued	41	5.3%	15	0.5%	**56**	**1.5%**
Under the Influence of Alcohol, Drugs, or Medication	30	3.9%	18	0.6%	**48**	**1.2%**
Ill, Blackout	20	2.6%	8	0.3%	**28**	**0.7%**
Other Physical Impairment	4	0.5%	8	0.3%	**12**	**0.3%**
Physical Impairment, No Details	1	0.1%	1	*	**2**	**0.1%**
Deaf	1	0.1%	0	0.0%	**1**	*
Blind	1	0.1%	0	0.0%	**1**	*
At Least One Driver Impairment-Related Factor Recorded	98	12.8%	50	1.6%	**148**	**3.8%**
No Driver Impairment-Related Factors Recorded	670	87.2%	3,040	98.4%	**3,710**	**96.2%**
Total	**768**	**100.0%**	**3,090**	**100.0%**	**3,858**	**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).

People Table 31. Drivers of Large Trucks in Fatal Crashes by Number of Vehicles Involved, Driver-Related Factors, and Violations Recorded, 2013

Driver-Related Factors	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
Speeding of Any Kind	110	14.3%	204	6.6%	**314**	**8.1%**
Distraction/inattention (Cell Phone, Lost in Thought, Eating, etc.)[a]	86	11.2%	143	4.6%	**229**	**5.9%**
Vision Obscured (by Weather, Roadway Design, Vehicles, etc.)	34	4.4%	135	4.4%	**169**	**4.4%**
Failure to Yield Right of Way	31	4.0%	124	4.0%	**155**	**4.0%**
Failure to Keep in Proper Lane	36	4.7%	114	3.7%	**150**	**3.9%**
Impairment (Fatigue, Alcohol, Illness, etc.)[a]	98	12.8%	50	1.6%	**148**	**3.8%**
Careless Driving	34	4.4%	60	1.9%	**94**	**2.4%**
Failure to Obey Actual Traffic Sign, Traffic Control Devices, or Traffic Officers; Failure to Obey Safety Zone Traffic Laws	14	1.8%	75	2.4%	**89**	**2.3%**
Ice, Water, Snow, Slush, Sand, Dirt, Oil, Wet Leaves on Road	15	2.0%	66	2.1%	**81**	**2.1%**
Following Improperly	1	0.1%	67	2.2%	**68**	**1.8%**
Overcorrecting	51	6.6%	13	0.4%	**64**	**1.7%**
Stopping in Roadway (Vehicle Not Abandoned)	1	0.1%	36	1.2%	**37**	**1.0%**
Non-Traffic Violation Charged (Manslaughter or Homicide or Other Assault)	7	0.9%	26	0.8%	**33**	**0.9%**
Operating the Vehicle in an Erratic, Reckless, Careless, or Negligent Manner or Operating at Erratic or Suddenly Changing Speeds	12	1.6%	20	0.6%	**32**	**0.8%**
Making Improper Turn	11	1.4%	20	0.6%	**31**	**0.8%**
Improper or Erratic Lane Changing	5	0.7%	24	0.8%	**29**	**0.8%**
Vehicle in Road	1	0.1%	28	0.9%	**29**	**0.8%**
Driver has a Driving Record or Driver's License from More than One State	8	1.0%	20	0.6%	**28**	**0.7%**
Pedestrian, Pedalcyclist, or Other Nonmotorist in Road	21	2.7%	3	0.1%	**24**	**0.6%**
Starting or Backing Improperly	9	1.2%	14	0.5%	**23**	**0.6%**
Driving on Wrong Side of Road (Intentional or Unintentional)	0	0.0%	23	0.7%	**23**	**0.6%**
Operating Without Required Equipment	6	0.8%	16	0.5%	**22**	**0.6%**
Driver Has Not Complied With Physical or Other Imposed Restrictions	6	0.8%	13	0.4%	**19**	**0.5%**
Tire Blow-Out or Flat	9	1.2%	6	0.2%	**15**	**0.4%**
Severe Crosswind	3	0.4%	8	0.3%	**11**	**0.3%**
Driving Less Than Posted Minimum	0	0.0%	8	0.3%	**8**	**0.2%**
Slippery or Loose Surface	1	0.1%	7	0.2%	**8**	**0.2%**
Overloading or Improper Loading of Vehicle with Passenger or Cargo	2	0.3%	5	0.2%	**7**	**0.2%**
Passing with Insufficient Distance or Inadequate Visibility or Failing to Yield to Overtaking Vehicle	2	0.3%	5	0.2%	**7**	**0.2%**
Operator Inexperience	2	0.3%	4	0.1%	**6**	**0.2%**
Debris or Objects in Road	2	0.3%	4	0.1%	**6**	**0.2%**
Trailer Fishtailing or Swaying	1	0.1%	4	0.1%	**5**	**0.1%**
Making Improper Entry to or Exit from Trafficway	0	0.0%	4	0.1%	**4**	**0.1%**
Passing Where Prohibited by Posted Signs, Pavement Markings, Hill, or Curve, or School Bus Displaying Warning Not to Pass	1	0.1%	3	0.1%	**4**	**0.1%**
Live Animals in Road	3	0.4%	1	*	**4**	**0.1%**
Phantom Vehicle	1	0.1%	3	0.1%	**4**	**0.1%**
At Least One Driver-Related Factor Recorded	427	55.6%	868	28.1%	**1,295**	**33.6%**
No Driver-Related Factors Recorded	341	44.4%	2,222	71.9%	**2,563**	**66.4%**
Total[b]	**768**	**100.0%**	**3,090**	**100.0%**	**3,858**	**100.0%**
At Least One Moving Violation Recorded	60	7.8%	264	8.5%	**324**	**8.4%**
No Moving Violations Recorded	708	92.2%	2,826	91.5%	**3,534**	**91.6%**
Total[b]	**768**	**100.0%**	**3,090**	**100.0%**	**3,858**	**100.0%**

[a]For more detail on driver distractions and impairments, see People Tables 29 and 30.
[b]The sums of numbers and percentages may be greater than the totals shown, because more than one factor may be present for a single driver.
*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).

People Table 32. Drivers of Passenger Vehicles in Fatal Crashes by Number of Vehicles Involved, Driver-Related Factors, and Violations Recorded, 2013

Driver-Related Factors	Single-Vehicle Crashes		Multiple-Vehicle Crashes		Total	
	Number	Percent	Number	Percent	Number	Percent
Speeding of Any Kind	4,520	31.5%	2,176	10.8%	**6,696**	**19.4%**
Impairment (Fatigue, Alcohol, Illness, etc.)	4,268	29.8%	2,251	11.2%	**6,519**	**18.9%**
Failure to Keep in Proper Lane	959	6.7%	2,264	11.3%	**3,223**	**9.4%**
Distraction/inattention (Cell Phone, Lost in Thought, Eating, etc.)	1,383	9.6%	1,417	7.0%	**2,800**	**8.1%**
Failure to Yield Right of Way	331	2.3%	2,469	12.3%	**2,800**	**8.1%**
Overcorrecting	1,575	11.0%	270	1.3%	**1,845**	**5.4%**
Careless Driving	1,014	7.1%	656	3.3%	**1,670**	**4.8%**
Failure to Obey Actual Traffic Sign, Traffic Control Devices, or Traffic Officers; Failure to Obey Safety Zone Traffic Laws	272	1.9%	1,229	6.1%	**1,501**	**4.4%**
Operating the Vehicle in an Erratic, Reckless, Careless, or Negligent Manner or Operating at Erratic or Suddenly Changing Speeds	777	5.4%	449	2.2%	**1,226**	**3.6%**
Vision Obscured (by Weather, Roadway Design, Vehicles, etc.)	462	3.2%	728	3.6%	**1,190**	**3.5%**
Non-Traffic Violation Charged—Manslaughter or Homicide or Other Assault	351	2.4%	362	1.8%	**713**	**2.1%**
Driving on Wrong Side of Road (Intentional or Unintentional)	76	0.5%	630	3.1%	**706**	**2.0%**
Ice, Water, Snow, Slush, Sand, Dirt, Oil, Wet Leaves on Road	290	2.0%	397	2.0%	**687**	**2.0%**
Making Improper Turn	277	1.9%	292	1.5%	**569**	**1.7%**
Following Improperly	38	0.3%	309	1.5%	**347**	**1.0%**
Operating Without Required Equipment	196	1.4%	119	0.6%	**315**	**0.9%**
Driver Has Not Complied With Physical or Other Imposed Restrictions	138	1.0%	161	0.8%	**299**	**0.9%**
Improper or Erratic Lane Changing	75	0.5%	189	0.9%	**264**	**0.8%**
Aggressive Driving / Road Rage	146	1.0%	95	0.5%	**241**	**0.7%**
Driver Has Driving Record or Driver's License from More Than One State	100	0.7%	141	0.7%	**241**	**0.7%**
Pedestrian, Pedalcyclist, or Other Nonmotorist in Road	177	1.2%	43	0.2%	**220**	**0.6%**
Passing with Insufficient Distance or Inadequate Visibility or Failing to Yield to Overtaking Vehicle	33	0.2%	149	0.7%	**182**	**0.5%**
Police Pursuing Driver or Police Officer in Pursuit	112	0.8%	69	0.3%	**181**	**0.5%**
Stopping in Roadway (Vehicle Not Abandoned)	3	*	123	0.6%	**126**	**0.4%**
Passing Where Prohibited by Posted Signs, Pavement Markings, Hill, or Curve, or School Bus Displaying Warning Not to Pass	27	0.2%	76	0.4%	**103**	**0.3%**
Operator Inexperience	72	0.5%	28	0.1%	**100**	**0.3%**
Driver Has Not Complied with Learners Permit or Intermediate Driver License Restrictions (GDL Restrictions)	64	0.4%	31	0.2%	**95**	**0.3%**
Vehicle in Road	16	0.1%	66	0.3%	**82**	**0.2%**
Tire Blowout or Flat	69	0.5%	9	*	**78**	**0.2%**
Driving Wrong Way on One-Way Trafficway	7	*	70	0.3%	**77**	**0.2%**
Phantom Vehicle	39	0.3%	35	0.2%	**74**	**0.2%**
Live Animals in Road	46	0.3%	15	0.1%	**61**	**0.2%**
Starting or Backing Improperly	34	0.2%	17	0.1%	**51**	**0.1%**
Police or Law Enforcement Officer	15	0.1%	33	0.2%	**48**	**0.1%**
Slippery or Loose Surface	24	0.2%	23	0.1%	**47**	**0.1%**
At Least One Driver-Related Factor Recorded	10,159	70.9%	10,383	51.6%	**20,542**	**59.6%**
No Driver-Related Factors Recorded	4,177	29.1%	9,734	48.4%	**13,911**	**40.4%**
Total[a]	**14,336**	**100.0%**	**20,117**	**100.0%**	**34,453**	**100.0%**
At Least One Moving Violation Recorded	1,803	12.6%	2,589	12.9%	**4,392**	**12.7%**
No Moving Violations Recorded	12,533	87.4%	17,528	87.1%	**30,061**	**87.3%**
Total[a]	**14,336**	**100.0%**	**20,117**	**100.0%**	**34,453**	**100.0%**

*Less than 0.05 percent.
[a]The sums of numbers and percentages may be greater than the totals shown, because more than one factor may be present for a single driver.
Note: A passenger vehicle is defined here as a car or light truck (including pickups, vans, and sport utility vehicles).
Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS).

For more information, contact the Analysis Division at (202) 366-4869, or visit our Web sites at www.fmcsa.dot.gov and ai.fmcsa.dot.gov.

FMCSA-RRA-15-004
April 2015