

Commercial Motor Vehicles in Crashes

For the purposes of crash reporting, CMV's are buses, truck tractors, tractor-trailer combinations, trucks with more than two axles, trucks with more than two tires per axle, or trucks exceeding 10,000 pounds gross vehicle weight. This category also includes pickups with dual rear wheels and smaller vehicles that are carrying hazardous materials.

	2011	2012	2013	2014	2015	Change 2014-2015	Avg. Change 2011-2014
Fatal Crashes	22	14	33	22	30	36.4%	22.0%
Injury Crashes	421	447	495	539	586	8.7%	8.6%
Total Crashes	1,535	1,521	1,681	1,613	1,768	9.6%	1.9%
Commercial VMT (100 millions)	26.9	27.4	28.2	28.6	29.3	2.6%	2.0%
Fatal Crash Rate	0.8	0.5	1.2	0.8	1.0	32.9%	19.1%
Injury Crash Rate	15.6	16.3	17.6	18.9	20.0	6.0%	6.4%
Total Crash Rate	57.0	55.5	59.6	56.4	60.3	6.8%	-0.2%

Table 42 presents the location of CMV crashes by severity and roadway type. While 50% of all CMV crashes occurred on rural roadways, 80% of fatal CMV crashes took place on rural roadways.

	Fatal		Injury		Property Damage		All Crashes	
Interstate								
Urban	0	0.0%	73	12.5%	66	5.7%	139	7.9%
Rural	4	13.3%	80	13.7%	117	10.2%	201	11.4%
U.S. or State Highway								
Urban	3	10.0%	69	11.8%	151	13.1%	223	12.6%
Rural	15	50.0%	146	24.9%	235	20.4%	396	22.4%
Local								
Urban	3	10.0%	144	24.6%	383	33.2%	530	30.0%
Rural	5	16.7%	74	12.6%	200	17.4%	279	15.8%
Total	30	1.7%	586	33.1%	1,152	65.2%	1,768	

The largest percentage of all CMV crashes (46%) occurred on local roads, while the largest percentage of fatal CMV crashes (60%) took place on US and State highways.

Table 43 shows the number of crashes by severity that each type of commercial motor vehicle was involved in for 2011 to 2015.

Table 43							
Crashes Involving Commercial Motor Vehicles by Vehicle Type : 2011-2015							
	2011	2012	2013	2014	2015	Change 2014-2015	Avg. Change 2011-2014
Bus							
Fatal Crashes	1	0	1	0	1	0.0%	33.3%
Injury Crashes	32	23	28	26	30	15.4%	-4.5%
Property Damage Crashes	75	66	86	82	76	-7.3%	4.6%
Single Unit Truck							
Fatal Crashes	8	3	7	5	2	-60.0%	14.1%
Injury Crashes	116	120	119	148	153	3.4%	9.0%
Property Damage Crashes	291	237	266	293	289	-1.4%	1.3%
Single Unit Truck with Trailer							
Fatal Crashes	0	0	2	3	1	-66.7%	83.3%
Injury Crashes	14	12	6	9	6	-33.3%	-4.8%
Property Damage Crashes	44	36	32	29	38	31.0%	-12.9%
Truck Tractor Only (Bobtail)							
Fatal Crashes	0	0	1	0	0	0.0%	0.0%
Injury Crashes	10	10	9	11	10	-9.1%	4.1%
Property Damage Crashes	16	28	21	22	20	-9.1%	18.3%
Semi with Single-Trailer Configurations							
Fatal Crashes	8	7	19	12	18	50.0%	40.7%
Injury Crashes	161	192	213	222	225	1.4%	11.5%
Property Damage Crashes	503	471	512	391	442	13.0%	-7.1%
Semi with Double-Trailer Configurations							
Fatal Crashes	3	3	2	1	4	300.0%	-27.8%
Injury Crashes	31	34	28	32	30	-6.3%	2.1%
Property Damage Crashes	91	78	60	56	68	21.4%	-14.7%
Semi with Triple-Trailer Configurations							
Fatal Crashes	0	0	1	0	0	0.0%	0.0%
Injury Crashes	4	2	1	3	4	33.3%	33.3%
Property Damage Crashes	9	3	7	8	6	-25.0%	27.0%

**** Crashes between vehicle types are not mutually exclusive. In other words, a crash involving a bus and a single unit truck would be represented in both categories**

Table 44 shows different vehicle types as a percent of all vehicles in crashes.

Table 44							
Vehicles in All Crashes by Vehicle Type: 2011-2015							
Vehicle Type	2011	2012	2013	2014	2015	Change 2014-2015	Avg. Change 2011-2014
Passenger Cars	17,102	17,600	18,355	18,471	19,786	7.1%	2.6%
%	46.9%	46.7%	46.6%	47.1%	46.0%	-2.3%	0.2%
Pickups, Vans, and Sport Utility Vehicles (SUV's)	16,474	17,124	18,046	17,901	20,228	13.0%	2.8%
%	45.2%	45.5%	45.8%	45.7%	47.1%	3.1%	0.4%
Medium Trucks *	478	416	443	501	500	-0.2%	2.2%
%	1.3%	1.1%	1.1%	1.3%	1.2%	-9.0%	-0.1%
Large Trucks **	859	863	914	788	851	8.0%	-2.5%
%	2.4%	2.3%	2.3%	2.0%	2.0%	-1.5%	-4.9%
Buses	110	89	116	108	107	-0.9%	1.4%
%	0.3%	0.2%	0.3%	0.3%	0.2%	-9.6%	-1.1%
Motorcycles	500	563	534	523	561	7.3%	1.8%
%	1.4%	1.5%	1.4%	1.3%	1.3%	-2.2%	-0.6%
All Other***	963	1,019	982	914	946	3.5%	-1.6%
%	2.6%	2.7%	2.5%	2.3%	2.2%	-5.6%	-3.9%
TOTALS	36,486	37,674	39,390	39,206	42,979	9.6%	2.4%

**Medium trucks are single unit trucks with more than 2 tires per axle or more than 2 axles.*

***Large trucks include bobtail tractors and tractor-semitrailer combinations.*

****Includes Pedestrians, Bicyclists, Equestrians, Farm Equipment, Recreational Vehicles, Construction , ATVs, Trains, Snowmobiles, Other, Hit and Run Vehicles, and Unknown or Missing data.*

Table 45 presents injury severity comparisons by vehicle type for all persons in CMV crashes. In 2015, there were 4,838 people involved in CMV crashes. Occupants of passenger vehicles comprised 53% of the people involved in CMV crashes. Of the 34 fatalities that occurred in CMV crashes, 79% were occupants of passenger cars, pickups, vans, or other vehicles while 15% were occupants of CMV's.

Injury Severity	Commercial Motor Vehicle	Car	Pickup, Van and SUVs*	All Other**	Totals
Fatalities	5	11	16	2	34
% of Fatalities	14.7%	32.4%	47.1%	5.9%	0.7%
Serious Injuries	27	40	47	11	125
% of Serious Injuries	21.6%	32.0%	37.6%	8.8%	2.6%
Visible Injuries	69	77	96	7	249
% of Visible Injuries	27.7%	30.9%	38.6%	2.8%	5.1%
Possible Injuries	97	169	223	9	498
% of Possible Injuries	19.5%	33.9%	44.8%	1.8%	10.3%
Non-Injury	2,001	630	1,278	23	3,932
% of Non- Injury	50.9%	16.0%	32.5%	0.6%	81.3%
Column Totals	2,199	927	1,660	52	4,838
(% OF TOTAL)	45.5%	19.2%	34.3%	1.1%	

**SUV is an acronym for Sport Utility Vehicles.*

***Includes pedestrians, bicyclists, motorcyclists, farm vehicles, construction equipment, RVs, and trains.*

In 2015, the economic cost of crashes involving commercial motor vehicles was nearly \$455 million dollars. This represents 12% of the total cost of Idaho crashes (as shown in Table 4).