

Commercial Motor Vehicles in Crashes

Table 41 shows Commercial Motor Vehicle (CMV) crashes for 2008 through 2012. 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.

	2008	2009	2010	2010	2012	Change 2011-2012	Avg. Change 2008-2011
Fatal Crashes	30	23	14	22	14	-36.4%	-1.8%
Injury Crashes	443	348	378	421	447	6.2%	-0.5%
Total Crashes	1,838	1,355	1,433	1,535	1,521	-0.9%	-4.5%
Commercial VMT (100 millions)	27.4	26.8	27.2	26.9	27.4	1.8%	-0.5%
Fatal Crash Rate	1.1	0.9	0.5	0.8	0.5	-37.5%	-1.0%
Injury Crash Rate	16.2	13.0	13.9	15.6	16.3	4.3%	-0.1%
Total Crash Rate	67.2	50.6	52.6	57.0	55.5	-2.6%	-4.1%

Table 42 presents the location of CMV crashes by severity and roadway type. While 57% of all CMV crashes occurred on rural roadways, 93% of fatal CMV crashes took place on rural roadways.

The largest percentage of all CMV crashes (48%) occurred on local roads, while the largest percentage of fatal CMV crashes (64%) took place on US and State highways.

	Fatal		Injury		Property Damage		All Crashes	
Interstate								
Urban	1	7.1%	37	8.3%	88	8.3%	126	8.3%
Rural	2	14.3%	63	14.1%	130	12.3%	195	12.8%
U.S. or State Highway								
Urban	0	0.0%	54	12.1%	144	13.6%	198	13.0%
Rural	9	64.3%	104	23.3%	225	21.2%	338	22.2%
Local								
Urban	0	0.0%	107	23.9%	294	27.7%	401	26.4%
Rural	2	14.3%	82	18.3%	179	16.9%	263	17.3%
Total	14	0.9%	447	29.4%	1,060	69.7%	1,521	

Table 43 shows the number of crashes by severity that each type of commercial motor vehicle was involved in for 2008 to 2012.

Table 43							
Crashes Involving Commercial Motor Vehicles by Vehicle Type : 2008-2012							
	2008	2009	2010	2011	2012	Change 2011-2012	Avg. Change 2008-2011
Bus							
Fatal Crashes	0	3	0	1	0	-100.0%	33.3%
Injury Crashes	32	31	43	32	23	-28.1%	3.3%
Property Damage Crashes	122	117	91	75	66	-12.0%	-14.6%
Single Unit Truck							
Fatal Crashes	10	8	3	8	3	-62.5%	28.1%
Injury Crashes	151	126	119	116	120	3.4%	-8.2%
Property Damage Crashes	432	320	319	291	237	-18.6%	-11.7%
Single Unit Truck with Trailer							
Fatal Crashes	2	1	0	0	0	0.0%	-50.0%
Injury Crashes	43	27	20	14	12	-14.3%	-31.0%
Property Damage Crashes	120	81	69	44	36	-18.2%	-27.8%
Truck Tractor Only (Bobtail)							
Fatal Crashes	0	0	2	0	0	0.0%	0.0%
Injury Crashes	6	7	9	10	10	0.0%	18.8%
Property Damage Crashes	18	14	13	16	28	75.0%	-2.1%
Semi with Single-Trailer Configurations							
Fatal Crashes	16	8	8	8	7	-12.5%	-16.7%
Injury Crashes	189	142	158	161	192	19.3%	-3.9%
Property Damage Crashes	592	409	492	503	471	-6.4%	-2.8%
Semi with Double-Trailer Configurations							
Fatal Crashes	2	2	1	3	3	0.0%	50.0%
Injury Crashes	32	19	34	31	34	9.7%	9.8%
Property Damage Crashes	103	59	72	91	78	-14.3%	1.9%
Semi with Triple-Trailer Configurations							
Fatal Crashes	1	1	0	0	0	0.0%	-33.3%
Injury Crashes	2	2	3	4	2	-50.0%	27.8%
Property Damage Crashes	10	6	5	9	3	-66.7%	7.8%

*** 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 excluding pedestrians, bicyclists, and non-motor vehicles.

Table 44
Vehicles in All Crashes by Vehicle Type: 2008-2012

Vehicle Type	2008	2009	2010	2011	2012	Change 2011-2012	Avg. Change 2008-2011
Passenger Cars	19,974	18,462	17,918	17,102	17,600	2.9%	-5.0%
%	46.9%	47.2%	46.6%	46.9%	46.7%	-0.3%	0.0%
Pickups, Vans, and Sport Utility Vehicles (SUV's)	19,554	18,266	18,098	16,474	17,124	3.9%	-5.5%
%	45.9%	46.7%	47.1%	45.2%	45.5%	0.7%	-0.5%
Medium Trucks*	776	568	543	478	416	-13.0%	-14.4%
%	1.8%	1.5%	1.4%	1.3%	1.1%	-15.7%	-10.1%
Large Trucks**	998	693	813	859	863	0.5%	-2.5%
%	2.3%	1.8%	2.1%	2.4%	2.3%	-2.7%	2.1%
Buses	156	151	134	110	89	-19.1%	-10.8%
%	0.4%	0.4%	0.3%	0.3%	0.2%	-21.6%	-5.9%
Motorcycles	707	590	549	500	563	12.6%	-10.8%
%	1.7%	1.5%	1.4%	1.4%	1.5%	9.0%	-6.2%
All Other***	440	406	385	963	1,019	5.8%	45.7%
%	1.0%	1.0%	1.0%	2.6%	2.7%	2.5%	53.5%
TOTALS	42,605	39,136	38,440	36,486	37,674	3.3%	-5.0%

*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 Farm Equipment, Recreational Vehicles, Construction , ATVs, Trains, Snowmobiles, Other, and Unknown or Missing data.

Table 45 presents injury severity comparisons by vehicle type for all persons in CMV crashes. In 2012, there were 4,315 people involved in CMV crashes. Occupants of passenger vehicles comprised 48% of the people involved in CMV crashes. Of the 15 fatalities that occurred in CMV crashes, 87% were occupants of passenger cars, pickups, vans, or other vehicles while 13% were occupants of CMV's.

Injury Severity	Commercial Motor Vehicle	Car	Pickup, Van and SUVs*	All Other**	Totals
Fatalities	2	3	8	2	15
% of Fatalities	13.3%	20.0%	53.3%	13.3%	0.3%
Serious Injuries	23	40	43	5	111
% of Serious Injuries	20.7%	36.0%	38.7%	4.5%	2.6%
Visible Injuries	56	62	82	7	207
% of Visible Injuries	27.1%	30.0%	39.6%	3.4%	4.8%
Possible Injuries	100	105	142	8	355
% of Possible Injuries	28.2%	29.6%	40.0%	2.3%	8.2%
Non-Injury	2,042	568	999	18	3,627
% of Non- Injury	56.3%	15.7%	27.5%	0.5%	84.1%
Column Totals	2,223	778	1,274	40	4,315
(% OF TOTAL)	51.5%	18.0%	29.5%	0.9%	

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

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

In 2012, the economic cost of crashes involving commercial motor vehicles was \$175.2 million dollars. This represents 8% of the total cost of Idaho crashes (as shown in Table 4).