

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.

	2015	2016	2017	2018	2019	Change 2018-2019	Avg. Change 2015-2018
Fatal Crashes	30	35	42	44	34	-22.7%	13.8%
Injury Crashes	586	612	729	708	687	-3.0%	6.9%
Total Crashes	1,768	2,009	2,468	2,286	2,437	6.6%	9.7%
Commercial VMT (100 millions)	29.3	30.8	31.5	32.0	33.1	3.4%	3.0%
Fatal Crash Rate	1.0	1.1	1.3	1.4	1.0	-25.2%	10.5%
Injury Crash Rate	20.0	19.9	23.1	22.1	20.7	-6.1%	3.8%
Total Crash Rate	60.3	65.2	78.2	71.3	73.6	3.1%	6.4%

Table 42 presents the location of CMV crashes by severity and roadway type. While 46% of all CMV crashes occurred on rural roadways, 79% of fatal CMV crashes took place on rural roadways.

	Fatal		Injury		Property Damage		All Crashes	
Interstate								
Urban	3	8.8%	64	9.3%	156	9.1%	223	9.2%
Rural	8	23.5%	110	16.0%	220	12.8%	338	13.9%
U.S. or State Highway								
Urban	2	5.9%	95	13.8%	218	12.7%	315	12.9%
Rural	16	47.1%	129	18.8%	262	15.3%	407	16.7%
Local								
Urban	2	5.9%	177	25.8%	599	34.9%	778	31.9%
Rural	3	8.8%	112	16.3%	261	15.2%	376	15.4%
Total	34	1.4%	687	28.2%	1,716	70.4%	2,437	

The largest percentage of all CMV crashes (47%) occurred on local roads, while the largest percentage of fatal CMV crashes (53%) 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 2015 to 2019.

Table 43							
Crashes Involving Commercial Motor Vehicles by Vehicle Type : 2015-2019							
	2015	2016	2017	2018	2019	Change 2018-2019	Avg. Change 2015-2018
Bus							
Fatal Crashes	1	0	0	0	0	0.0%	-33.3%
Injury Crashes	30	34	52	52	24	-53.8%	22.1%
Property Damage Crashes	76	88	102	89	103	15.7%	6.3%
Single Unit Truck							
Fatal Crashes	2	6	9	11	4	-63.6%	90.7%
Injury Crashes	153	160	167	190	163	-14.2%	7.6%
Property Damage Crashes	289	299	384	366	375	2.5%	9.1%
Single Unit Truck with Trailer							
Fatal Crashes	1	1	0	1	0	0.0%	-100.0%
Injury Crashes	6	16	20	24	38	58.3%	70.6%
Property Damage Crashes	38	41	65	58	71	22.4%	18.6%
Truck Tractor Only (Bobtail)							
Fatal Crashes	0	0	0	1	0	33.3%	-100.0%
Injury Crashes	10	7	12	6	5	-16.7%	-2.9%
Property Damage Crashes	20	21	27	25	32	28.0%	8.7%
Semi with Single-Trailer Configurations							
Fatal Crashes	18	24	27	20	17	-15.0%	6.6%
Injury Crashes	225	221	257	220	250	13.6%	0.0%
Property Damage Crashes	442	511	589	559	648	15.9%	8.6%
Semi with Double-Trailer Configurations							
Fatal Crashes	4	3	3	5	4	-20.0%	13.9%
Injury Crashes	30	34	31	36	36	0.0%	6.9%
Property Damage Crashes	68	58	88	72	91	26.4%	6.3%
Semi with Triple-Trailer Configurations							
Fatal Crashes	0	0	3	1	1	0.0%	77.8%
Injury Crashes	4	2	4	3	4	33.3%	8.3%
Property Damage Crashes	6	6	5	12	16	33.3%	41.1%

**** 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.

Vehicle Type	2015	2016	2017	2018	2019	Change 2018-2019	Avg. Change 2015-2018
Passenger Cars	19,786	20,461	19,820	18,688	20,222	8.2%	-1.8%
%	46.0%	45.0%	42.6%	42.6%	41.2%	-3.2%	-2.5%
Pickups, Vans, and Sport Utility Vehicles (SUV's)	20,228	21,861	23,292	21,834	25,402	16.3%	2.8%
%	47.1%	48.0%	50.0%	49.8%	51.8%	4.1%	1.9%
Medium Trucks*	500	532	654	661	661	0.0%	10.1%
%	1.2%	1.2%	1.4%	1.5%	1.3%	-10.5%	9.3%
Large Trucks**	851	921	1,095	998	1,147	14.9%	6.1%
%	2.0%	2.0%	2.4%	2.3%	2.3%	2.8%	5.0%
Buses	107	122	155	142	127	-10.6%	10.9%
%	0.2%	0.3%	0.3%	0.3%	0.3%	-20.0%	9.7%
Motorcycles	561	546	533	520	507	-2.5%	-2.5%
%	1.3%	1.2%	1.1%	1.2%	1.0%	-12.8%	-3.1%
All Other***	946	1,057	1,000	1,038	985	-5.1%	3.4%
%	2.2%	2.3%	2.1%	2.4%	2.0%	-15.1%	2.7%
TOTALS	42,979	45,500	46,549	43,881	49,051	11.8%	0.8%

**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 2019, there were 6,440 people involved in CMV crashes. Occupants of passenger vehicles comprised 56% of the people involved in CMV crashes. Of the 40 fatalities that occurred in CMV crashes, 78% were occupants of passenger cars, pickups, vans, or other vehicles while 8% were occupants of CMV's.

Injury Severity	Commercial Motor Vehicle	Car	Pickup, Van and SUVs*	All Other**	Totals
Fatalities	3	7	24	6	40
% of Fatalities	7.5%	17.5%	60.0%	15.0%	0.6%
Suspected Serious Injury	18	29	47	10	104
% of Serious Injuries	17.3%	27.9%	45.2%	9.6%	1.6%
Suspected Minor Injury	84	88	149	9	330
% of Minor Injuries	25.5%	26.7%	45.2%	2.7%	5.1%
Possible Injuries	114	180	265	4	563
% of Possible Injuries	20.2%	32.0%	47.1%	0.7%	8.7%
Non-Injury	2,537	857	1,977	32	5,403
% of Non- Injury	47.0%	15.9%	36.6%	0.6%	83.9%
Column Totals	2,756	1,161	2,462	61	6,440
(% OF TOTAL)	42.8%	18.0%	38.2%	0.9%	
*SUV is an acronym for Sport Utility Vehicles.					
**Includes pedestrians, bicyclists, motorcyclists, farm vehicles, construction equipment, RVs, and trains.					

In 2019, the economic cost of crashes involving commercial motor vehicles was \$558 million dollars. This represents 14% of the total cost of Idaho crashes (as shown in Table 4).