

## 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.

	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Change 2017-2018</b>	<b>Avg. Change 2014-2018</b>
Fatal Crashes	22	30	35	42	44	4.8%	24.3%
Injury Crashes	539	586	612	729	708	-2.9%	10.8%
Total Crashes	1,613	1,768	2,009	2,468	2,286	-7.4%	15.4%
Commercial VMT (100 millions)	28.6	29.3	30.8	31.5	32.0	1.6%	3.3%
Fatal Crash Rate	0.8	1.0	1.1	1.3	1.4	3.1%	20.4%
Injury Crash Rate	18.9	20.0	19.9	23.1	22.1	-4.4%	7.2%
Total Crash Rate	56.4	60.3	65.2	78.2	71.3	-8.8%	11.7%

Table 42 presents the location of CMV crashes by severity and roadway type. While 47% of all CMV crashes occurred on rural roadways, 74% of fatal CMV crashes took place on rural roadways.

	<b>Fatal</b>		<b>Injury</b>		<b>Property Damage</b>		<b>All Crashes</b>	
Interstate								
Urban	3	7.0%	49	6.9%	84	5.5%	136	6.0%
Rural	10	23.3%	83	11.8%	168	11.0%	261	11.4%
U.S. or State Highway								
Urban	7	16.3%	99	14.0%	207	13.5%	313	13.7%
Rural	18	41.9%	158	22.4%	294	19.2%	470	20.6%
Local								
Urban	1	2.3%	225	31.9%	540	35.3%	766	33.6%
Rural	4	9.3%	92	13.0%	238	15.5%	334	14.6%
<b>Total</b>	<b>43</b>	<b>1.9%</b>	<b>706</b>	<b>31.0%</b>	<b>1,531</b>	<b>67.1%</b>	<b>2,280</b>	

The largest percentage of all CMV crashes (48%) occurred on local roads, while the largest percentage of fatal CMV crashes (58%) 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 2014 to 2018.

<b>Table 43</b>							
<b>Crashes Involving Commercial Motor Vehicles by Vehicle Type : 2014-2018</b>							
	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Change 2017-2018</b>	<b>Avg. Change 2014-2018</b>
<b>Bus</b>							
Fatal Crashes	0	1	0	0	0	0.0%	0.0%
Injury Crashes	26	30	34	52	52	0.0%	27.2%
Property Damage Crashes	82	76	88	102	89	-12.7%	8.1%
<b>Single Unit Truck</b>							
Fatal Crashes	5	2	6	9	11	22.2%	63.3%
Injury Crashes	148	153	160	167	190	13.8%	4.1%
Property Damage Crashes	293	289	299	384	366	-4.7%	10.2%
<b>Single Unit Truck with Trailer</b>							
Fatal Crashes	3	1	1	0	1	100.0%	-55.6%
Injury Crashes	9	6	16	20	24	20.0%	52.8%
Property Damage Crashes	29	38	41	65	58	-10.8%	32.5%
<b>Truck Tractor Only (Bobtail)</b>							
Fatal Crashes	0	0	0	0	1	100.0%	0.0%
Injury Crashes	11	10	7	12	6	-50.0%	10.8%
Property Damage Crashes	22	20	21	27	25	-7.4%	8.2%
<b>Semi with Single-Trailer Configurations</b>							
Fatal Crashes	12	18	24	27	20	-25.9%	31.9%
Injury Crashes	222	225	221	257	220	-14.4%	5.3%
Property Damage Crashes	391	442	511	589	559	-5.1%	14.6%
<b>Semi with Double-Trailer Configurations</b>							
Fatal Crashes	1	4	3	3	5	66.7%	91.7%
Injury Crashes	32	30	34	31	36	16.1%	-0.6%
Property Damage Crashes	56	68	58	88	72	-18.2%	19.5%
<b>Semi with Triple-Trailer Configurations</b>							
Fatal Crashes	0	0	0	3	1	-66.7%	33.3%
Injury Crashes	3	4	2	4	3	-25.0%	27.8%
Property Damage Crashes	8	6	6	5	12	140.0%	-13.9%

*\*\* 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	2014	2015	2016	2017	2018	Change 2017-2018	Avg. Change 2014-2018
Passenger Cars	18,471	19,786	20,461	19,820	18,688	-5.7%	2.5%
%	47.1%	46.0%	45.0%	42.6%	42.6%	0.0%	-3.3%
Pickups, Vans, and Sport Utility Vehicles (SUV's)	17,901	20,228	21,861	23,292	21,834	-6.3%	9.2%
%	45.7%	47.1%	48.0%	50.0%	49.8%	-0.6%	3.1%
Medium Trucks*	501	500	532	654	661	1.1%	9.7%
%	1.3%	1.2%	1.2%	1.4%	1.5%	7.2%	3.9%
Large Trucks**	788	851	921	1,095	998	-8.9%	11.7%
%	2.0%	2.0%	2.0%	2.4%	2.3%	-3.3%	5.7%
Buses	108	107	122	155	142	-8.4%	13.4%
%	0.3%	0.2%	0.3%	0.3%	0.3%	-2.8%	7.4%
Motorcycles	523	561	546	533	520	-2.4%	0.7%
%	1.3%	1.3%	1.2%	1.1%	1.2%	3.5%	-4.9%
All Other***	914	946	1,057	1,000	1,038	3.8%	3.3%
%	2.3%	2.2%	2.3%	2.1%	2.4%	10.1%	-2.5%
<b>TOTALS</b>	<b>39,206</b>	<b>42,979</b>	<b>45,500</b>	<b>46,549</b>	<b>43,881</b>	<b>-5.7%</b>	<b>5.9%</b>

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

<b>Table 44</b>							
<b>Vehicles in All Crashes by Vehicle Type: 2014-2018</b>							
<b>Vehicle Type</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Change 2017-2018</b>	<b>Avg. Change 2014-2018</b>
Passenger Cars	18,471	19,786	20,461	19,820	18,688	-5.7%	2.5%
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Table 45 presents injury severity comparisons by vehicle type for all persons in CMV crashes. In 2018, there were 6,182 people involved in CMV crashes. Occupants of passenger vehicles comprised 53% of the people involved in CMV crashes. Of the 51 fatalities that occurred in CMV crashes, 69% were occupants of passenger cars, pickups, vans, or other vehicles while 18% were occupants of CMV's.

<b>Injury Severity</b>	<b>Commercial Motor Vehicle</b>	<b>Car</b>	<b>Pickup, Van and SUVs*</b>	<b>All Other**</b>	<b>Totals</b>
Fatalities	9	14	21	7	51
% of Fatalities	17.6%	27.5%	41.2%	13.7%	0.8%
Suspected Serious Injury	26	36	48	10	120
% of Serious Injuries	21.7%	30.0%	40.0%	8.3%	1.9%
Suspected Minor Injury	114	96	159	13	382
% of Minor Injuries	29.8%	25.1%	41.6%	3.4%	6.2%
Possible Injuries	116	140	289	12	557
% of Possible Injuries	20.8%	25.1%	51.9%	2.2%	9.0%
Non-Injury	2,581	758	1,694	39	5,072
% of Non- Injury	50.9%	14.9%	33.4%	0.8%	82.0%
Column Totals	2,846	1,044	2,211	81	6,182
(% OF TOTAL)	46.0%	16.9%	35.8%	1.3%	

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

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

In 2018, the economic cost of crashes involving commercial motor vehicles was nearly \$673 million dollars. This represents 16% of the total cost of Idaho crashes (as shown in Table 4).