

## 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>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Change 2020-2021</b>	<b>Avg. Change 2017-2020</b>
Fatal Crashes	42	44	34	37	38	2.7%	-3.0%
Injury Crashes	729	708	687	715	813	13.7%	-0.6%
Total Crashes	2,468	2,286	2,437	2,579	2,942	14.1%	1.7%
Commercial VMT (100 millions)	31.5	32.0	33.1	33.5	36.1	7.6%	2.0%
Fatal Crash Rate	1.3	1.4	1.0	1.1	1.1	-4.6%	-4.8%
Injury Crash Rate	23.1	22.1	20.7	21.3	22.5	5.6%	-2.5%
Total Crash Rate	78.2	71.3	73.6	77.0	81.6	6.0%	-0.4%

Table 42 presents the location of CMV crashes by severity and roadway type. While 47% of all CMV crashes occurred on rural roadways, 66% 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	4	10.5%	93	11.4%	167	8.0%	264	9.0%
Rural	6	15.8%	117	14.4%	303	14.5%	426	14.5%
U.S. or State Highway								
Urban	4	10.5%	111	13.7%	327	15.6%	442	15.0%
Rural	14	36.8%	182	22.4%	351	16.8%	547	18.6%
Local								
Urban	5	13.2%	199	24.5%	645	30.8%	849	28.9%
Rural	5	13.2%	111	13.7%	298	14.3%	414	14.1%
<b>Total</b>	<b>38</b>	<b>1.3%</b>	<b>813</b>	<b>27.6%</b>	<b>2,091</b>	<b>71.1%</b>	<b>2,942</b>	

The largest percentage of all CMV crashes (43%) occurred on local roads, while the largest percentage of fatal CMV crashes (47%) 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 2017 to 2021.

<b>Table 43</b>							
<b>Crashes Involving Commercial Motor Vehicles by Vehicle Type : 2017-2021</b>							
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Change 2020-2021</b>	<b>Avg. Change 2017-2020</b>
<b>Bus</b>							
Fatal Crashes	0	0	0	0	1	100.0%	0.0%
Injury Crashes	52	52	24	23	29	26.1%	-19.3%
Property Damage Crashes	102	89	103	53	95	79.2%	-15.2%
<b>Single Unit Truck</b>							
Fatal Crashes	9	11	4	11	7	-36.4%	44.5%
Injury Crashes	167	190	163	159	166	4.4%	-1.0%
Property Damage Crashes	384	366	375	377	400	6.1%	-0.6%
<b>Single Unit Truck with Trailer</b>							
Fatal Crashes	0	1	0	1	0	-100.0%	33.3%
Injury Crashes	20	24	38	28	32	14.3%	17.3%
Property Damage Crashes	65	58	71	73	82	12.3%	4.8%
<b>Truck Tractor Only (Bobtail)</b>							
Fatal Crashes	0	1	0	0	1	100.0%	0.0%
Injury Crashes	12	6	5	12	20	66.7%	24.4%
Property Damage Crashes	27	25	32	26	23	-11.5%	0.6%
<b>Semi with Single-Trailer Configurations</b>							
Fatal Crashes	27	20	17	20	21	5.0%	-7.8%
Injury Crashes	257	220	250	268	299	11.6%	2.1%
Property Damage Crashes	589	559	648	685	772	12.7%	5.5%
<b>Semi with Double-Trailer Configurations</b>							
Fatal Crashes	3	5	4	5	4	-20.0%	23.9%
Injury Crashes	31	36	36	31	24	-22.6%	0.7%
Property Damage Crashes	88	72	91	96	98	2.1%	4.6%
<b>Semi with Triple-Trailer Configurations</b>							
Fatal Crashes	3	1	1	1	1	0.0%	-22.2%
Injury Crashes	4	3	4	3	2	-33.3%	-5.6%
Property Damage Crashes	5	12	16	17	11	-35.3%	59.9%

**\*\* 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.

<b>Table 44</b>							
<b>Vehicles in All Crashes by Vehicle Type: 2017-2021</b>							
<b>Vehicle Type</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Change 2020-2021</b>	<b>Avg. Change 2017-2020</b>
Passenger Cars	19,820	18,688	20,222	15,576	19,192	23.2%	-6.8%
%	42.6%	42.6%	41.2%	39.0%	39.0%	-0.1%	-2.8%
Pickups, Vans, and Sport Utility Vehicles (SUV's)	23,292	21,834	25,402	21,069	26,301	24.8%	-2.3%
%	50.0%	49.8%	51.8%	52.8%	53.4%	1.2%	1.8%
Medium Trucks*	654	661	661	666	698	4.8%	0.6%
%	1.4%	1.5%	1.3%	1.7%	1.4%	-15.0%	6.8%
Large Trucks**	1,095	998	1,147	1,215	1,353	11.4%	4.0%
%	2.4%	2.3%	2.3%	3.0%	2.7%	-9.7%	9.9%
Buses	155	142	127	76	126	65.8%	-19.7%
%	0.3%	0.3%	0.3%	0.2%	0.3%	34.5%	-16.4%
Motorcycles/Mopeds/Scooters	533	520	507	482	568	17.8%	-3.3%
%	1.1%	1.2%	1.0%	1.2%	1.2%	-4.4%	2.5%
All Other***	1,000	1,038	985	822	969	17.9%	-6.0%
%	2.1%	2.4%	2.0%	2.1%	2.0%	-4.4%	-0.8%
<b>TOTALS</b>	<b>46,549</b>	<b>43,881</b>	<b>49,051</b>	<b>39,906</b>	<b>49,207</b>	<b>23.3%</b>	<b>-4.2%</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 45 presents injury severity comparisons by vehicle type for all persons in CMV crashes. In 2021, there were 7,711 people with known injury types involved in CMV crashes. Occupants of passenger vehicles comprised 92% of the people involved in CMV crashes. Of the 42 fatalities that occurred in CMV crashes, 70% were occupants of passenger cars, pickups, vans, or other vehicles while 19% 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	8	9	21	5	43
% of Fatalities	18.6%	20.9%	48.8%	11.6%	0.6%
Suspected Serious Injury	32	42	62	12	148
% of Serious Injuries	21.6%	28.4%	41.9%	8.1%	1.9%
Suspected Minor Injury	111	109	186	15	421
% of Minor Injuries	26.4%	25.9%	44.2%	3.6%	5.5%
Possible Injuries	161	176	303	9	649
% of Possible Injuries	24.8%	27.1%	46.7%	1.4%	8.4%
Non-Injury	2,830	930	2,642	48	6,450
% of Non- Injury	43.9%	14.4%	41.0%	0.7%	83.6%
Column Totals	3,142	1,266	3,214	89	7,711
(% OF TOTAL)	40.7%	16.4%	41.7%	1.2%	

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

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

In 2021, the economic cost of crashes involving commercial motor vehicles was over \$732 million dollars. This represents 14% of the total cost of Idaho crashes (as shown in Table 4).