

## Commercial Motor Vehicles in Crashes

Table 41 shows Commercial Motor Vehicle (CMV) crashes for 2007 through 2011. 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>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2010</b>	<b>Change 2009-2010</b>	<b>Avg. Change 2006-2009</b>
Fatal Crashes	28	30	23	14	22	57.1%	-18.4%
Injury Crashes	518	443	348	378	421	11.4%	-9.1%
Total Crashes	1,878	1,838	1,355	1,433	1,535	7.1%	-7.6%
Commercial VMT (100 millions)	29.6	27.4	26.8	27.2	26.9	-1.1%	-2.6%
Fatal Crash Rate	0.9	1.1	0.9	0.5	0.8	58.9%	-15.3%
Injury Crash Rate	17.5	16.2	13.0	13.9	15.6	12.6%	-6.8%
Total Crash Rate	63.5	67.2	50.6	52.6	57.0	8.3%	-5.0%

Table 42 presents the location of CMV crashes by severity and roadway type. While 56% of all CMV crashes occurred on rural roadways, 86% of fatal CMV crashes took place on rural roadways.

The largest percentage of all CMV crashes (42%) occurred on local roads, while the largest percentage of fatal CMV crashes (59%) took place on US and State highways.

	<b>Fatal</b>		<b>Injury</b>		<b>Property Damage</b>		<b>All Crashes</b>	
Interstate								
Rural	2	9.1%	67	15.9%	152	13.9%	221	14.4%
Urban	1	4.5%	31	7.4%	91	8.3%	123	8.0%
U.S. or State Highway								
Rural	13	59.1%	118	28.0%	254	23.3%	385	25.1%
Urban	0	0.0%	31	7.4%	129	11.8%	160	10.4%
Local								
Rural	4	18.2%	67	15.9%	182	16.7%	253	16.5%
Urban	2	9.1%	107	25.4%	284	26.0%	393	25.6%
<b>Total</b>	<b>22</b>	<b>1.4%</b>	<b>421</b>	<b>27.4%</b>	<b>1,092</b>	<b>71.1%</b>	<b>1,535</b>	

Table 43 shows the number of crashes by severity that each type of commercial motor vehicle was involved in for 2007 to 2011.

<b>Table 43 Crashes Involving Commercial Motor Vehicles by Vehicle Type : 2007-2011</b>							
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2010</b>	<b>Change 2009-2010</b>	<b>Avg. Change 2006-2009</b>
<b>Bus</b>							
Fatal Crashes	0	0	3	0	1	100.0%	33.3%
Injury Crashes	39	32	31	43	32	-25.6%	5.9%
Property Damage Crashes	103	122	117	91	75	-17.6%	-2.6%
<b>Single Unit Truck</b>							
Fatal Crashes	10	10	8	3	8	166.7%	-27.5%
Injury Crashes	171	151	126	119	116	-2.5%	-11.3%
Property Damage Crashes	450	432	320	319	291	-8.8%	-10.1%
<b>Single Unit Truck with Trailer</b>							
Fatal Crashes	1	2	1	0	0	0.0%	-16.7%
Injury Crashes	41	43	27	20	14	-30.0%	-19.4%
Property Damage Crashes	137	120	81	69	44	-36.2%	-19.9%
<b>Truck Tractor Only (Bobtail)</b>							
Fatal Crashes	1	0	0	2	0	-100.0%	33.3%
Injury Crashes	10	6	7	9	10	11.1%	1.7%
Property Damage Crashes	21	18	14	13	16	23.1%	-14.6%
<b>Semi with Single-Trailer Configurations</b>							
Fatal Crashes	16	16	8	8	8	0.0%	-16.7%
Injury Crashes	237	189	142	158	161	1.9%	-11.3%
Property Damage Crashes	527	592	409	492	503	2.2%	0.6%
<b>Semi with Double-Trailer Configurations</b>							
Fatal Crashes	0	2	2	1	3	200.0%	-16.7%
Injury Crashes	32	32	19	34	31	-8.8%	12.8%
Property Damage Crashes	110	103	59	72	91	26.4%	-9.0%
<b>Semi with Triple-Trailer Configurations</b>							
Fatal Crashes	1	1	1	0	0	0.0%	-33.3%
Injury Crashes	1	2	2	3	4	33.3%	50.0%
Property Damage Crashes	11	10	6	5	9	80.0%	-21.9%

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

**Table 44**  
**Vehicles in All Crashes by Vehicle Type: 2007-2011**

<b>Vehicle Type</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Change 2010-2011</b>	<b>Avg. Change 2007-2010</b>
Passenger Cars	21,897	19,974	18,462	17,918	17,102	-4.6%	-6.4%
%	47.7%	46.9%	47.2%	46.6%	46.9%	0.6%	-0.8%
Pickups, Vans, and Sport Utility Vehicles (SUV's)	21,010	19,554	18,266	18,098	16,474	-9.0%	-4.8%
%	45.8%	45.9%	46.7%	47.1%	45.2%	-4.1%	0.9%
Medium Trucks*	828	776	568	543	478	-12.0%	-12.5%
%	1.8%	1.8%	1.5%	1.4%	1.3%	-7.3%	-7.4%
Large Trucks**	994	998	693	813	859	5.7%	-4.3%
%	2.2%	2.3%	1.8%	2.1%	2.4%	11.3%	1.0%
Buses	144	156	151	134	110	-17.9%	-2.0%
%	0.3%	0.4%	0.4%	0.3%	0.3%	-13.5%	4.1%
Motorcycles	640	707	590	549	500	-8.9%	-4.3%
%	1.4%	1.7%	1.5%	1.4%	1.4%	-4.0%	1.5%
All Other***	352	440	406	385	963	150.1%	4.0%
%	0.8%	1.0%	1.0%	1.0%	2.6%	163.5%	10.5%
<b>TOTALS</b>	<b>45,865</b>	<b>42,605</b>	<b>39,136</b>	<b>38,440</b>	<b>36,486</b>	<b>-5.1%</b>	<b>-5.7%</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 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 2011, there were 4,260 people involved in CMV crashes. Occupants of passenger vehicles comprised 44% of the people involved in CMV crashes. Of the 26 fatalities that occurred in CMV crashes, 69% 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	5	14	4	3	26
% of Fatalities	19.2%	53.8%	15.4%	11.5%	0.6%
Serious Injuries	25	42	22	6	95
% of Serious Injuries	26.3%	44.2%	23.2%	6.3%	2.2%
Visible Injuries	57	59	73	7	196
% of Visible Injuries	29.1%	30.1%	37.2%	3.6%	4.6%
Possible Injuries	115	91	147	7	360
% of Possible Injuries	31.9%	25.3%	40.8%	1.9%	8.5%
Non-Injury	2,142	560	847	34	3,583
% of Non- Injury	59.8%	15.6%	23.6%	0.9%	84.1%
Unknown	0	0	0	0	0
% of Unknown	0.0%	0.0%	0.0%	0.0%	0.0%
Column Totals	2,344	766	1,093	57	4,260
(% OF TOTAL)	55.0%	18.0%	25.7%	1.3%	

*\*SUV is an acronym for Sport Utility Vehicles.*  
*\*\*Includes pedestrians, bicyclists, motorcyclists, farm vehicles, construction equipment, RVs, and trains.*

In 2011, the economic cost of crashes involving commercial motor vehicles was \$235.1 million dollars. This represents 11% of the total cost of Idaho crashes (as shown in Table 4).