

Commercial Motor Vehicles in Crashes

Table 40 shows Commercial Motor Vehicle (CMV) crashes for 2005 through 2009. 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 8,000 pounds gross vehicle weight. This category also includes pickups with dual rear wheels.

	2005	2006	2007	2008	2009	Change 2008-2009	Avg. Change 2005-2008
Fatal Crashes	30	25	28	30	23	-23.3%	0.8%
Injury Crashes	527	502	518	443	348	-21.4%	-5.3%
Total Crashes	1,983	1,710	1,878	1,838	1,355	-26.3%	-2.0%
Commercial VMT (100 millions)	27.3	28.3	29.6	27.4	26.8	-2.2%	0.2%
Fatal Crash Rate	1.1	0.9	0.9	1.1	0.9	-21.6%	1.2%
Injury Crash Rate	19.3	17.7	17.5	16.2	13.0	-19.7%	-5.6%
Total Crash Rate	72.5	60.4	63.5	67.2	50.6	-24.6%	-1.9%

Table 41 presents the location of CMV crashes by severity and roadway type. While 53% of all CMV crashes occurred on rural roadways, 74% of fatal CMV crashes took place on rural roadways.

The largest percentage of all CMV crashes (44%) occurred on local roads, while the largest percentage of fatal CMV crashes (57%) took place on US and State highways.

	Fatal		Injury		Property Damage		All Crashes	
Interstate								
Rural	3	13.0%	51	14.7%	122	12.4%	176	13.0%
Urban	1	4.3%	30	8.6%	78	7.9%	109	8.0%
U.S. or State Highway								
Rural	10	43.5%	98	28.2%	196	19.9%	304	22.4%
Urban	3	13.0%	37	10.6%	124	12.6%	164	12.1%
Local								
Rural	4	17.4%	55	15.8%	179	18.2%	238	17.6%
Urban	2	8.7%	77	22.1%	285	29.0%	364	26.9%
Total	23	1.7%	348	25.7%	984	72.6%	1,355	

Table 42 shows the number of crashes by severity that each type of commercial motor vehicle was involved in for 2005 to 2009.

Table 42 Crashes Involving Commercial Motor Vehicles by Vehicle Type : 2005-2009							
	2005	2006	2007	2008	2009	Change 2008-2009	Avg. Change 2005-2008
Bus							
Fatal Crashes	1	0	0	0	3	100.0%	-33.3%
Injury Crashes	43	31	39	32	31	-3.1%	-6.7%
Property Damage Crashes	94	87	103	122	117	-4.1%	9.8%
Single Unit Truck							
Fatal Crashes	12	10	10	10	8	-20.0%	-5.6%
Injury Crashes	161	173	171	151	126	-16.6%	-1.8%
Property Damage Crashes	425	390	450	432	320	-25.9%	1.0%
Single Unit Truck with Trailer							
Fatal Crashes	1	0	1	2	1	-50.0%	33.3%
Injury Crashes	25	35	41	43	27	-37.2%	20.7%
Property Damage Crashes	76	74	137	120	81	-32.5%	23.4%
Truck Tractor Only (Bobtail)							
Fatal Crashes	1	0	1	0	0	0.0%	-33.3%
Injury Crashes	8	16	10	6	7	16.7%	7.5%
Property Damage Crashes	36	25	21	18	14	-22.2%	-20.3%
Semi with Single-Trailer Configurations							
Fatal Crashes	11	11	16	16	8	-50.0%	15.2%
Injury Crashes	253	212	237	189	142	-24.9%	-8.2%
Property Damage Crashes	696	550	527	592	409	-30.9%	-4.3%
Semi with Double-Trailer Configurations							
Fatal Crashes	4	3	0	2	2	0.0%	-91.7%
Injury Crashes	52	50	32	32	19	-40.6%	-13.3%
Property Damage Crashes	122	88	110	103	59	-42.7%	-3.1%
Semi with Triple-Trailer Configurations							
Fatal Crashes	0	1	1	1	1	0.0%	33.3%
Injury Crashes	1	4	1	2	2	0.0%	108.3%
Property Damage Crashes	6	9	11	10	6	-40.0%	21.0%

*** 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 43 shows different vehicle types as a percent of all vehicles in crashes excluding pedestrians, bicyclists, and non-motor vehicles.

Table 43
Vehicles in All Crashes by Vehicle Type: 2005-2009

Vehicle Type	2005	2006	2007	2008	2009	Change 2008-2009	Avg. Change 2005-2008
Passenger Cars	23,931	20,062	21,897	19,974	18,462	-7.6%	-5.3%
%	49.0%	48.1%	47.7%	46.9%	47.2%	0.6%	-1.5%
Pickups, Vans, and Sport Utility Vehicles (SUV's)	21,830	18,968	21,010	19,554	18,266	-6.6%	-3.1%
%	44.7%	45.5%	45.8%	45.9%	46.7%	1.7%	0.9%
Medium Trucks*	719	699	828	776	568	-26.8%	3.1%
%	1.5%	1.7%	1.8%	1.8%	1.5%	-20.3%	7.5%
Large Trucks**	1,222	1,004	994	998	693	-30.6%	-6.1%
%	2.5%	2.4%	2.2%	2.3%	1.8%	-24.4%	-1.9%
Buses	141	119	144	156	151	-3.2%	4.6%
%	0.3%	0.3%	0.3%	0.4%	0.4%	5.4%	8.5%
Motorcycles	558	528	640	707	590	-16.5%	8.8%
%	1.1%	1.3%	1.4%	1.7%	1.5%	-9.2%	13.3%
All Other***	393	288	352	440	406	-7.7%	6.8%
%	0.8%	0.7%	0.8%	1.0%	1.0%	0.5%	10.5%
TOTALS	48,794	41,668	45,865	42,605	39,136	-8.1%	-3.9%

*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 44 presents injury severity comparisons by vehicle type for all persons in CMV crashes. In 2009, there were 4,270 people involved in CMV crashes. Occupants of passenger vehicles combined to comprise 34% of the people involved in CMV crashes. Of the 27 fatalities that occurred in CMV crashes, 67% were occupants of passenger cars, pickups, vans, or other vehicles while 15% were occupants of CMV's.

Table 44					
Comparison of Injury Severity for Persons in Commercial Motor Vehicle Crashes: 2009					
Injury Severity	Commercial Motor Vehicle	Car	Pickup, Van and SUVs*	All Other**	Totals
Fatalities	4	13	5	5	27
% of Fatalities	14.8%	48.1%	18.5%	18.5%	0.6%
Serious Injuries	13	20	29	11	73
% of Serious Injuries	17.8%	27.4%	39.7%	15.1%	1.7%
Visible Injuries	57	54	52	6	169
% of Visible Injuries	33.7%	32.0%	30.8%	3.6%	4.0%
Possible Injuries	89	85	85	10	269
% of Possible Injuries	33.1%	31.6%	31.6%	3.7%	6.3%
Non-Injury	2,545	542	574	20	3,681
% of Non- Injury	69.1%	14.7%	15.6%	0.5%	86.2%
Unknown	41	4	3	3	51
% of Unknown	80.4%	7.8%	5.9%	5.9%	1.2%
Column Totals	2,749	718	748	55	4,270
(% OF TOTAL)	64.4%	16.8%	17.5%	1.3%	
<p><i>*SUV is an acronym for Sport Utility Vehicles.</i></p> <p><i>**Includes pedestrians, bicyclists, motorcyclists, farm vehicles, construction equipment, RVs, and trains.</i></p>					

In 2009, the economic cost of crashes involving commercial motor vehicles was \$219 million dollars. This represents 9% of the total cost of Idaho crashes (as shown in Table 4).