

Commercial Motor Vehicles in Crashes

Table 40 shows Commercial Motor Vehicle (CMV) crashes for 2004 through 2008. 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.

	2004	2005	2006	2007	2008	Change 2007-2008	Avg. Change 2004-2007
Fatal Crashes	31	30	25	28	30	7.1%	-2.6%
Injury Crashes	536	527	502	518	443	-14.5%	-1.1%
Total Crashes	1,918	1,983	1,710	1,878	1,838	-2.1%	-0.2%
Commercial VMT (100 millions)	26.4	27.3	28.3	29.6	27.4	-7.4%	3.8%
Fatal Crash Rate	1.2	1.1	0.9	0.9	1.1	15.7%	-6.3%
Injury Crash Rate	20.3	19.3	17.7	17.5	16.2	-7.6%	-4.7%
Total Crash Rate	72.6	72.5	60.4	63.5	67.2	5.7%	-3.9%

Table 41 presents the location of CMV crashes by severity and roadway type. While 56% of all CMV crashes occurred on rural roadways, 73% of fatal CMV crashes took place on rural roadways.

The largest percentage of all CMV crashes (45%) occurred on local roads, while the largest percentage of fatal CMV crashes (50%) took place on US and State highways.

	Fatal		Injury		Property Damage		All Crashes	
Interstate								
Rural	5	16.7%	68	15.3%	199	14.6%	272	14.8%
Urban	3	10.0%	25	5.6%	93	6.8%	121	6.6%
U.S. or State Highway								
Rural	13	43.3%	128	28.9%	300	22.0%	441	24.0%
Urban	2	6.7%	51	11.5%	122	8.9%	175	9.5%
Local								
Rural	4	13.3%	69	15.6%	236	17.3%	309	16.8%
Urban	3	10.0%	102	23.0%	415	30.4%	520	28.3%
Total	30	1.6%	443	24.1%	1,365	74.3%	1,838	

Table 42 shows the number of crashes by severity that each type of commercial motor vehicle was involved in for 2004 to 2008.

Table 42 Crashes Involving Commercial Motor Vehicles by Vehicle Type : 2004-2008							
	2004	2005	2006	2007	2008	Change 2007-2008	Avg. Change 2004-2007
Bus							
Fatal Crashes	0	1	0	0	0	0.0%	0.0%
Injury Crashes	37	43	31	39	32	-17.9%	4.7%
Property Damage Crashes	105	94	87	103	122	18.4%	0.2%
Single Unit Truck							
Fatal Crashes	12	12	10	10	10	0.0%	-5.6%
Injury Crashes	195	161	173	171	151	-11.7%	-3.7%
Property Damage Crashes	402	425	390	450	432	-4.0%	4.3%
Single Unit Truck with Trailer							
Fatal Crashes	2	1	0	1	2	100.0%	-16.7%
Injury Crashes	28	25	35	41	43	4.9%	15.5%
Property Damage Crashes	90	76	74	137	120	-12.4%	22.3%
Truck Tractor Only (Bobtail)							
Fatal Crashes	1	1	0	1	0	-100.0%	-66.7%
Injury Crashes	14	8	16	10	6	-40.0%	6.5%
Property Damage Crashes	35	36	25	21	18	-14.3%	-14.6%
Semi with Single-Trailer Configurations							
Fatal Crashes	16	11	11	16	16	0.0%	4.7%
Injury Crashes	239	253	212	237	189	-20.3%	0.5%
Property Damage Crashes	629	696	550	527	592	12.3%	-4.8%
Semi with Double-Trailer Configurations							
Fatal Crashes	2	4	3	0	2	200.0%	-8.3%
Injury Crashes	35	52	50	32	32	0.0%	2.9%
Property Damage Crashes	113	122	88	110	103	-6.4%	1.7%
Semi with Triple-Trailer Configurations							
Fatal Crashes	0	0	1	1	1	0.0%	33.3%
Injury Crashes	2	1	4	1	2	100.0%	58.3%
Property Damage Crashes	9	6	9	11	10	-9.1%	13.0%

*** 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: 2004-2008

Vehicle Type	2004	2005	2006	2007	2008	Change 2007-2008	Avg. Change 2004-2007
Passenger Cars	23,780	23,931	20,062	21,897	19,974	-8.8%	-2.1%
%	48.4%	49.0%	48.1%	47.7%	46.9%	-1.8%	-0.4%
Pickups, Vans, and Sport Utility Vehicles (SUV's)	22,357	21,830	18,968	21,010	19,554	-6.9%	-1.6%
%	45.5%	44.7%	45.5%	45.8%	45.9%	0.2%	0.2%
Medium Trucks*	743	719	699	828	776	-6.3%	4.1%
%	1.5%	1.5%	1.7%	1.8%	1.8%	0.9%	6.3%
Large Trucks**	1,124	1,222	1,004	994	998	0.4%	-3.4%
%	2.3%	2.5%	2.4%	2.2%	2.3%	8.1%	-1.5%
Buses	143	141	119	144	156	8.3%	1.3%
%	0.3%	0.3%	0.3%	0.3%	0.4%	16.6%	2.7%
Motorcycles	533	558	528	640	707	10.5%	6.8%
%	1.1%	1.1%	1.3%	1.4%	1.7%	18.9%	8.8%
All Other***	458	393	288	352	440	25.0%	-6.2%
%	0.9%	0.8%	0.7%	0.8%	1.0%	34.6%	-5.6%
TOTALS	49,138	48,794	41,668	45,865	42,605	-7.1%	-1.7%

*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 2008, there were 5,106 persons involved in CMV crashes. Occupants of passenger vehicles combined to comprise 37% of the persons involved in CMV crashes. Of the 37 fatalities that occurred in CMV crashes, 61% were occupants of passenger cars, pickups, vans, or other vehicles while 39% were occupants of CMV's.

Table 44					
Comparison of Injury Severity for Persons in Commercial Motor Vehicle Crashes: 2008					
Injury Severity	Commercial Motor Vehicle	Car	Pickup, Van and SUVs*	All Other**	Totals
Fatalities	14	9	12	1	36
% of Fatalities	38.9%	25.0%	33.3%	2.8%	0.7%
Serious Injuries	25	31	38	5	99
% of Serious Injuries	25.3%	31.3%	38.4%	5.1%	1.9%
Visible Injuries	77	55	71	4	207
% of Visible Injuries	37.2%	26.6%	34.3%	1.9%	4.1%
Possible Injuries	124	116	125	9	374
% of Possible Injuries	33.2%	31.0%	33.4%	2.4%	7.3%
Non-Injury	2,864	711	737	24	4,336
% of Non- Injury	66.1%	16.4%	17.0%	0.6%	84.9%
Unknown	49	2	1	2	54
% of Unknown	90.7%	3.7%	1.9%	3.7%	1.1%
Column Totals	3,153	924	984	45	5,106
(% OF TOTAL)	61.8%	18.1%	19.3%	0.9%	

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

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

In 2008, the economic cost of crashes involving commercial motor vehicles was \$289 million dollars. This represents 11% of the total cost of Idaho crashes (as shown in Table 4).