

Motor Vehicle Crashes in Work Zones

	2011	2012	2013	2014	2015	Change 2014-2015	Avg. Change 2011-2014
Work Zone Crashes	441	342	332	407	444	9.1%	-0.9%
Fatalities	3	1	3	1	2	100.0%	22.2%
Serious Injuries	35	23	12	34	27	-20.6%	33.7%
Visible Injuries	79	34	50	108	95	-12.0%	35.4%
Possible Injuries	128	104	109	204	222	8.8%	24.4%
% All Crashes	2.1%	1.5%	1.5%	1.8%	1.8%	0.5%	-1.6%
Workers Injured	2	1	1	0	1	#DIV/0!	0.0%

Workers on the roadway are especially vulnerable since their attention is focused on the task at hand rather than on the traffic passing by. While most crashes occurring in work zones do not involve a worker, there have been a few crashes that have involved workers.

In 2011, a worker was struck by the passenger mirror by a hit and run vehicle while moving traffic cones in Kootenai County and a worker was backed over by a cement truck in Canyon County. In 2012, a construction worker was injured when backed over by a construction vehicle in a closed construction zone in Idaho County. In 2013 a flagger was injured in a crash in Ada County. In 2015, a worker was struck and injured while setting up orange barrels in a work zone in Ada County.

Single-vehicle crashes comprised 17% of the crashes in work zones in 2015. Overturn (29%) was the predominant most harmful event in single-vehicle crashes in work zones followed by Impact Attenuator (11%), Concrete Traffic Barrier (9%), Other Object - Not Fixed (9%), Other Fixed Object (7%), and Embankment (5%). Rear End (57%) was the predominant most harmful event for multiple-vehicle crashes in work zones followed by Side-Swipe - Same Direction (14%), Angle (6%), and Angle Turning (6%).

Table 47 shows work zone crashes by road type.

Table 47 Work Zone Crashes by Roadway Type: 2015								
	Fatal Crashes		Injury Crashes		Property Damage Crashes		All Crashes	
Interstate								
Urban	1	50.0%	128	56.1%	47	22.0%	176	39.6%
Rural	0	0.0%	13	5.7%	17	7.9%	30	6.8%
U.S. or State Highway								
Urban	0	0.0%	35	15.4%	52	24.3%	87	19.6%
Rural	0	0.0%	10	4.4%	15	7.0%	25	5.6%
Local								
Urban	1	50.0%	33	14.5%	70	32.7%	104	23.4%
Rural	0	0.0%	9	3.9%	13	6.1%	22	5.0%
Total	2	0.5%	228	51.4%	214	48.2%	444	

Table 48 shows the severity of crashes by transportation district. Transportation district boundaries can be found in Appendix A.

Table 48 Crashes in Work Zones by Transportation District: 2015				
	Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Crashes
District 1	1	14	23	38
District 2	0	7	9	16
District 3	1	178	144	323
District 4	0	13	13	26
District 5	0	10	14	24
District 6	0	6	11	17
Statewide	2	228	214	444

In 2015, the economic cost of crashes in work zones was nearly \$60 million dollars. This represents 2% of the total cost of Idaho crashes (as shown in Table 4).