

Motor Vehicle Crashes in Work Zones

	2013	2014	2015	2016	2017	Change 2016-2017	Avg. Change 2013-2016
Work Zone Crashes	332	407	444	324	453	39.8%	1.6%
Fatalities	3	1	2	0	9	100.0%	-22.2%
Serious Injuries	12	34	27	19	16	-15.8%	44.4%
Visible Injuries	50	108	95	59	73	23.7%	22.0%
Possible Injuries	109	204	222	96	166	72.9%	13.1%
% All Crashes	1.5%	1.8%	1.8%	1.3%	1.8%	37.0%	-2.2%
Workers Injured	1	0	1	0	1	100.0%	-33.3%

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 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. A worker was struck while setting up an flashing arrow-board trailer in Ada County in 2017.

Single-vehicle crashes comprised 20% of the crashes in work zones in 2017. Overturn (29%) was the predominant most harmful event in single-vehicle crashes in work zones followed by Guardrail Face (11%), Embankment (8%), Other Object – Not Fixed (8%), Ditch (4%), and Traffic Sign Support (4%). The majority of work zone crashes involve multiple vehicles and Rear End (62%) was the predominant most harmful event for multiple-vehicle crashes in work zones followed by Side-Swipe - Same Direction (8%), Angle (8%), and Angle Turning (5%).

Table 47 shows work zone crashes by road type.

Table 47 Work Zone Crashes by Roadway Type: 2017								
	Fatal Crashes		Injury Crashes		Property Damage Crashes		All Crashes	
Interstate								
Urban	2	0.0%	35	21.3%	46	16.4%	83	18.3%
Rural	3	0.0%	43	26.2%	64	22.8%	110	24.3%
U.S. or State Highway								
Urban	0	0.0%	20	12.2%	34	12.1%	54	11.9%
Rural	3	0.0%	24	14.6%	38	13.5%	65	14.3%
Local								
Urban	0	0.0%	38	23.2%	88	31.3%	126	27.8%
Rural	0	0.0%	4	2.4%	11	3.9%	15	3.3%
Total	8	1.8%	164	36.2%	281	62.0%	453	

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: 2017				
	Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Crashes
District 1	3	24	47	74
District 2	0	9	23	32
District 3	2	63	98	163
District 4	1	29	33	63
District 5	2	30	63	95
District 6	0	9	17	26
Statewide	8	164	281	453

In 2017, the economic cost of crashes in work zones was \$119 million dollars. This represents 3% of the total cost of Idaho crashes (as shown in Table 4).