

## Motor Vehicle Crashes in Work Zones

	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Change 2017-2018</b>	<b>Avg. Change 2014-2018</b>
Work Zone Crashes	407	444	324	453	630	39.1%	7.3%
Fatalities	1	2	0	9	10	11.1%	33.3%
Suspected Serious Injury	34	27	19	16	34	112.5%	-22.0%
Suspected Minor Injury	108	95	59	73	100	37.0%	-8.7%
Possible Injuries	204	222	96	166	197	18.7%	8.3%
% All Crashes	1.8%	1.8%	1.3%	1.8%	2.6%	49.6%	2.2%
Workers Injured	0	1	0	1	1	0.0%	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 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 a flashing arrow-board trailer in Ada County in 2017. A flagger was struck in 2018 in Canyon County.

Single-vehicle crashes comprised 19% of the crashes in work zones in 2018. Overturn (27%) was the predominant most harmful event in single-vehicle crashes in work zones followed by Animal-Wild (12%), Other Object – Not Fixed (9%), Embankment (7%), Concrete Traffic Barrier (6%), Other (6%), and Traffic Sign Support (5%).

The majority of work zone crashes involve multiple vehicles and Rear End (55%) was the predominant most harmful event for multiple-vehicle crashes in work zones followed by Side-Swipe - Same Direction (16%), Angle Turning (6%), and Angle (6%).

Table 47 shows work zone crashes by road type.

Table 47 Work Zone Crashes by Roadway Type: 2018									
	Fatal Crashes		Injury Crashes		Property Damage Crashes		All Crashes		
Interstate									
Urban	1	0.0%	47	22.0%	97	23.7%	145	23.0%	
Rural	3	0.0%	47	22.0%	68	16.6%	118	18.7%	
U.S. or State Highway									
Urban	0	0.0%	28	13.1%	49	12.0%	77	12.2%	
Rural	1	0.0%	21	9.8%	54	13.2%	76	12.1%	
Local									
Urban	0	0.0%	64	29.9%	129	31.5%	193	30.6%	
Rural	1	0.0%	7	3.3%	13	3.2%	21	3.3%	
<b>Total</b>	<b>6</b>	<b>1.0%</b>	<b>214</b>	<b>34.0%</b>	<b>410</b>	<b>65.1%</b>	<b>630</b>		

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: 2018				
	Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Crashes
District 1	0	59	102	161
District 2	0	6	14	20
District 3	3	76	150	229
District 4	2	41	70	113
District 5	1	21	47	69
District 6	0	11	27	38
<b>Statewide</b>	<b>6</b>	<b>214</b>	<b>410</b>	<b>630</b>

In 2018, the economic cost of crashes in work zones was nearly \$148 million dollars. This represents 4% of the total cost of Idaho crashes (as shown in Table 4).