

TRAFFIC CRASH PROFILE: EATON COUNTY INTERSECTIONS, 2011–2015

BARRY-EATON DISTRICT HEALTH DEPARTMENT
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DATA AND TERMINOLOGY

Unless stated otherwise, the data and calculations in this report are from the Michigan Department of Transportation's (MDOT's) Intersection Rankings Report for Eaton County during the timeframe of 1/1/2011 to 12/31/2015.

PDO: # of crashes involving property damage only. Typical cost: \$2,000

Injury: # of crashes involving injuries (not the number of injuries). Typical cost: \$180,000

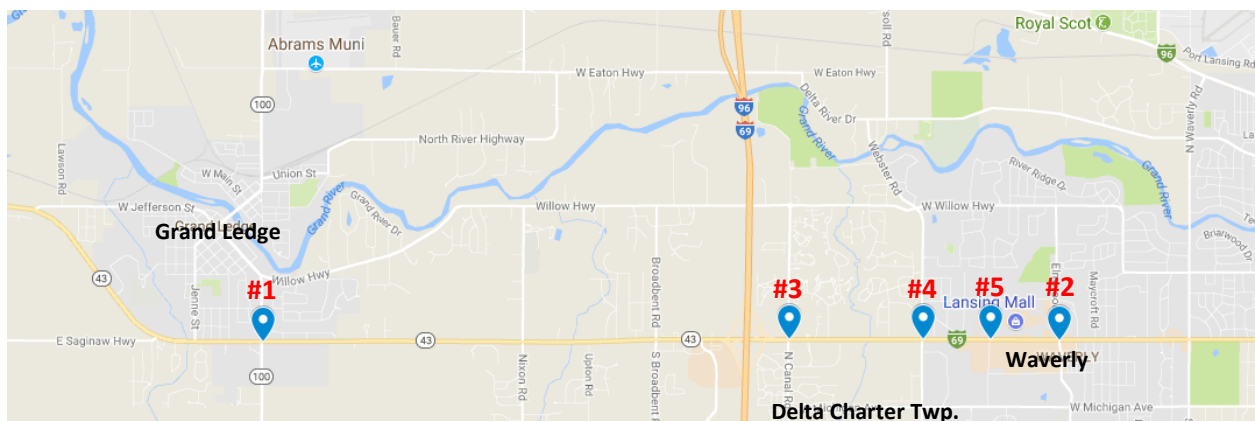
Type A: Of crashes involving injuries, # with serious injuries.

Fatal: # of crashes involving fatalities (not the number of fatalities). Typical cost: \$2,600,000

EPDO: # of equivalent PDO crashes. *(Used to reflect the disproportionately higher cost of injury and fatality crashes. For example, 1 fatality crash is equivalent in cost to 1,300 PDO crashes, so the EPDO is 1,300.)*

INTERSECTIONS BY CRASH FREQUENCY

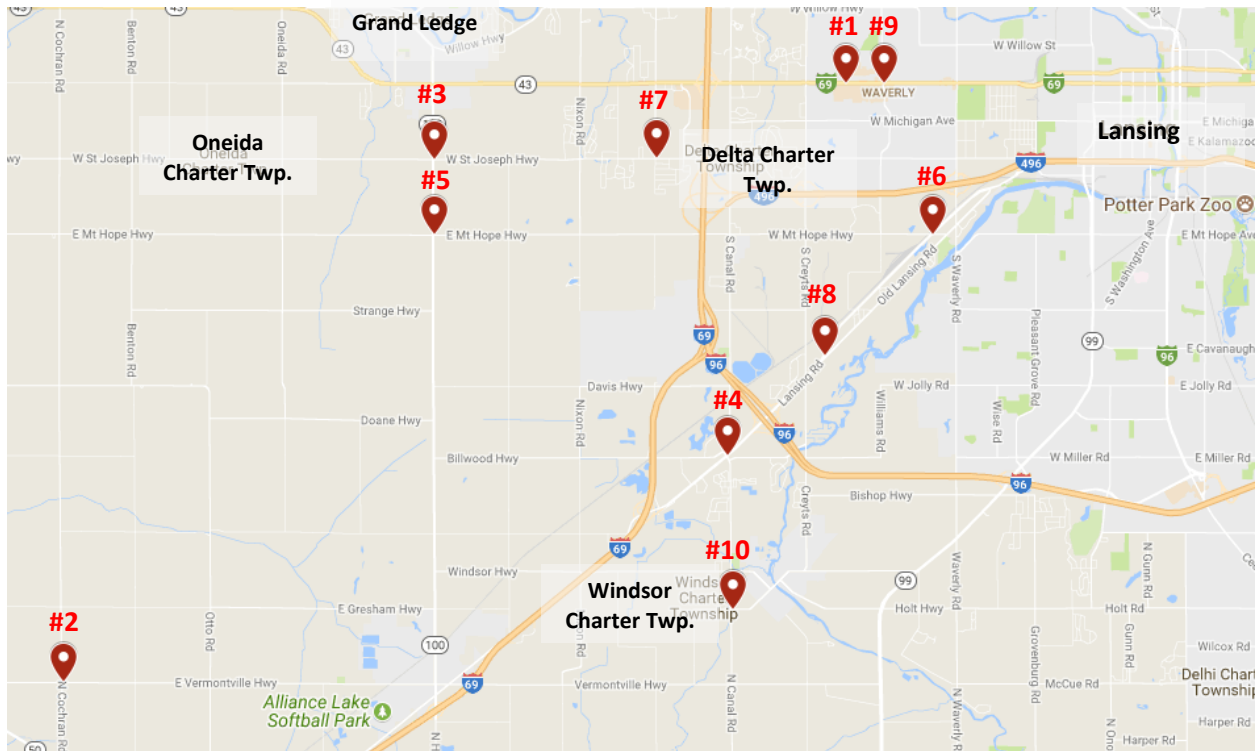
The map and chart below show the intersections that have the highest frequency of traffic crashes. We were unable to control for traffic volume, so the intersections below may reflect the large amount of traffic seen by these intersection more than any inherent dangerous issues that the intersections have.



	Intersection	Municipality	Crashes					EPDO
			Total	PDO	Injury	Type A	Fatal	
#1	S Clinton St & N Hartel Rd & W Saginaw Hwy	Grand Ledge	72	59	13	0	0	1,229
#2	W Saginaw Hwy & Elmwood Rd & Elmwood Dr	Delta Charter Twp.	65	50	15	1	0	1,400
#3	N Canal Rd & W Saginaw Hwy	Delta Charter Twp.	63	52	11	0	0	1,042
#4	N Creyts Rd & W Saginaw Hwy	Delta Charter Twp.	53	48	5	0	0	1,229
#5	W Saginaw Hwy & Mall Dr & Mall Dr W	Delta Charter Twp.	44	33	10	1	1	2,233

INTERSECTIONS BY COST

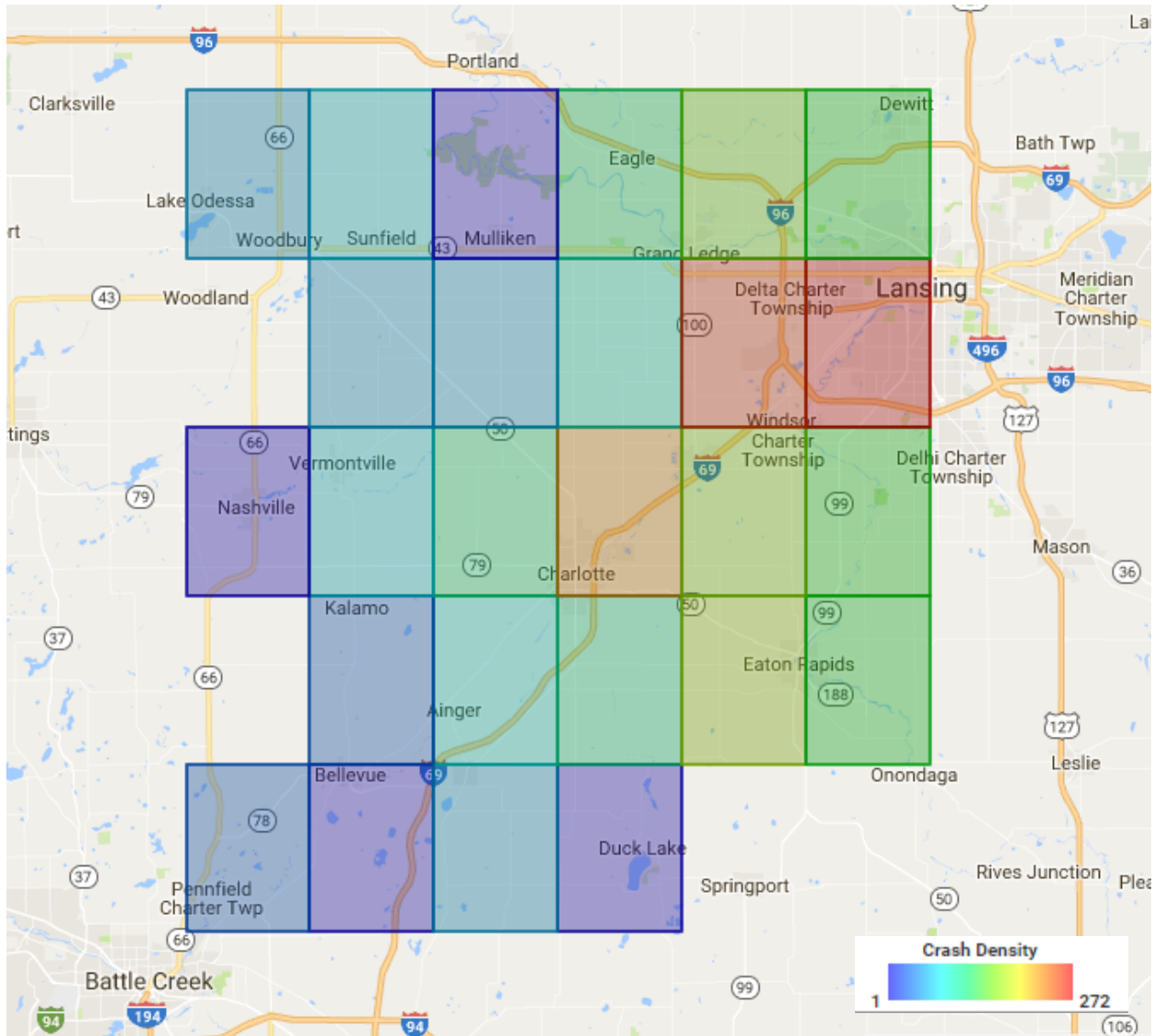
The map and chart below show the most costly intersections in terms of accidents.



	Intersection	Municipality	Crashes					EPDO
			Total	PDO	Injury	Type A	Fatal	
#1	W Saginaw Hwy & Mall Dr & Mall Dr W	Delta Charter Twp.	44	33	10	1	1	2,233
#2	N Cochran Rd & E Vermontville Hwy & W Vermontville Hwy	Chester Twp.	7	0	6	1	1	1,840
#3	Hartel Rd & E St Joe Hwy	Oneida Charter Twp.	17	11	5	0	1	1,761
#4	Lansing Rd & N Canal Rd	Windsor Charter Twp.	20	15	4	1	1	1,675
#5	Hartel Rd & E Mt Hope Hwy	Oneida Charter Twp.	12	7	4	0	1	1,667
#6	Lansing Rd & W Mt Hope Hwy	Delta Charter Twp.	13	9	3	0	1	1,579
#7	E St Joe Hwy & Broadbent Rd	Delta Charter Twp.	9	5	3	1	1	1,575
#8	Lansing Rd & Old Lansing Rd	Delta Charter Twp.	3	0	2	0	1	1,480
#9	W Saginaw Hwy & Elmwood Rd & Elmwood Dr	Delta Charter Twp.	65	50	15	1	0	1,400
#10	N Canal Rd & Bridge St	Windsor Charter Twp.	4	2	1	1	1	1,392

2016 INTERSECTION CRASHES

The below crash-density map is from Michigan Traffic Crash Facts (<https://www.michigantrafficcrashfacts.org/>). It covers intersection crashes in 2016. Note that the squares of analysis DO NOT correspond with township lines.



MORE INFORMATION AND NEXT STEPS

For more in-depth information and data on county-level traffic crashes, and to learn what can be done to make intersections more safe, visit the Michigan Department of Transportation's (MDOT's) Safety website (<https://goo.gl/vmWz4n>) or contact MDOT.