

# Intersection Ranking Report

## Region 5

**Report Module:** Safety Management Analysis

**Today's Date:** Friday, October 5, 2018

**Dates:** 1/1/2013 to 12/31/2017

**Animal Crashes:** Excluded

**Radius:** 500 feet

**Sort Order:** Total Crashes

**Limited to Top:** 10

TCPDO: Typical cost of a Property Damage Only accident. \$2,000.00  
 TCIA: Typical cost of an Injury Accident. \$180,000.00  
 TCFA: Typical cost of a Fatal Accident. \$2,600,000.00

Type A: Number of crashes involving Incapacitating Injury

Type B: Number of crashes involving Non-Incapacitating Injury

Type C: Number of crashes involving Possible Injury

PDO: Number of crashes involving Property Damage Only

Fatal: Number of crashes involving fatalities, not the number of fatalities.

EPDO: Number of Equivalent Property Damage Only crashes.  $EPDO = PDO + (Injury \times (TCIA / TCPDO)) + (Fatal \times (TCFA / TCPDO))$

Modified EPDO: Number of Modified EPDO crashes.  $Modified\ EPDO = PDO + [(Injury + Fatal) \times ((TCIA + TCFA) / TCPDO)]$

MEV: Million Entering Vehicles, million vehicles entering intersection annually.  $MEV = (AADT \times Days\ in\ Report\ Period / 1,000,000)$

Crash Rate: Number of Crashes / MEV

Injury Rate: Injury / MEV

Fatality Rate: Fatal / MEV

EPDO Rate: EPDO / MEV

Modified EPDO Rate: Modified EPDO / MEV

## Report Filter

Field Name	Operator	Value(s)
Drinking a Factor	=	No
Intersection Related	=	True
Year of Crash	>=	2013
ROAD: County	=	Genesee
ROAD: City/Twp	=	Davison

\* An asterisk preceding the intersection name indicates incomplete AADT information for that intersection.

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Intersection Name	Total Crashes	Fatal	Type A	Type B+C	PDO	Modified EPDO		AADT	MEV	Crash	Rate per MEV			Modified EPDO	City	County
						EPDO					Injury	Fatality	EPDO			
* 1 E Flint St & W Flint St & N State Rd	113	0	0	25	88	2,338	34,838	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison	Genesee
* 2 E 4th St & N State Rd & W 4th St	60	0	0	15	45	1,395	20,895	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison	Genesee
* 3 N State Rd & W 2nd St & E 2nd St	49	0	1	16	32	1,562	23,662	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison	Genesee
4 N Main St & E Flint St	46	0	0	7	39	669	9,769	17108	62.478	0.736	0.000	0.000	10.708	156.359	Davison	Genesee
* 5 N Genesee St & W Flint St	43	0	0	9	34	844	12,544	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison	Genesee
* 6 N State Rd & Mill St	42	0	1	14	27	1,377	20,877	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison	Genesee
* 7 Cypress Dr & S State Rd	37	0	2	11	24	1,194	18,094	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison	Genesee
* 8 N State Rd & W Bay St	35	0	0	10	25	925	13,925	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison	Genesee
* 9 N State Rd & S State Rd & Canadian National Railway	32	0	0	7	25	655	9,755	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison	Genesee
* 10 S State Rd & E Lexington St	32	0	0	9	23	833	12,533	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison	Genesee