

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 \$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
Intersecton Related	=	True
Year of Crash	>=	2013
ROAD: County	=	Genesee
ROAD: City/Twp	=	Flushing Twp

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Intersection Name	Total Crashes					Modified EPDO					Rate per MEV				City or Township	County
	Fatal	Type A	Type B+C	PDO	EPDO	AADT	MEV	Crash	Injury	Fatality	EPDO	Modified EPDO				
* 1 Sheridan Ave & W Pierson Rd	9	0	2	7	187	2,787	0	0.000	0.000	0.000	0.000	0.000	0.000	Flushing Twp	Genesee	
* 2 Sheridan Ave & Juddville Rd	8	0	1	7	97	1,397	0	0.000	0.000	0.000	0.000	0.000	0.000	Hazelton Twp	Shiawassee	
* 3 W Mount Morris Rd & Sheridan Ave	6	0	1	5	95	1,395	0	0.000	0.000	0.000	0.000	0.000	0.000	Flushing Twp	Genesee	
* 4 Coldwater Rd & Deland Rd	6	0	1	5	95	1,395	0	0.000	0.000	0.000	0.000	0.000	0.000	Flushing Twp	Genesee	
* 5 Carpenter Rd & N McKinley Rd	4	0	2	2	182	2,782	0	0.000	0.000	0.000	0.000	0.000	0.000	Flushing	Genesee	
* 6 Row Ln & W Mount Morris Rd	4	0	0	4	4	4	0	0.000	0.000	0.000	0.000	0.000	0.000	Flushing Twp	Genesee	
* 7 Easton Rd & Sheridan Ave	4	0	1	3	93	1,393	0	0.000	0.000	0.000	0.000	0.000	0.000	Hazelton Twp	Shiawassee	
* 8 N Seymour Rd & Potter Rd	3	0	0	3	3	3	0	0.000	0.000	0.000	0.000	0.000	0.000	Clayton Twp	Genesee	
9 Coldwater Rd & N Elms Rd	3	0	0	3	3	3	8868	32.386	0.093	0.000	0.000	0.093	0.093	Flushing Twp	Genesee	
10 N McKinley Rd & W Mount Morris Rd	3	0	1	2	92	1,392	6780	24.761	0.121	0.000	0.000	3.716	56.217	Flushing Twp	Genesee	

* An asterisk preceding the Intersection Name indicates incomplete AADT information for that intersection.