

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: City/Twp	=	Montrose

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

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Intersection Name	Total Crashes	Crash Types					EPDO	Modified EPDO		Rate per MEV				City	County	
		Fatal	Type A	Type B+C	PDO	EPDO		AADT	MEV	Crash	Injury	Fatality	EPDO			
* 1 E State St & N Saginaw St & S Saginaw St & W State St	15	0	0	2	13	193	2,793	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* 2 N Genesee St & W State St & S Genesee St	10	0	0	2	8	188	2,788	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* 3 Hickory St & N Saginaw St	8	0	0	0	8	8	8	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* 4 E State St & Washington	7	0	0	1	6	96	1,396	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* 5 Maple & S Saginaw St	5	0	0	0	5	5	5	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* 6 Hickory St & N Genesee St	3	0	0	0	3	3	3	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* 7 E State St & Lincoln	2	0	0	0	2	2	2	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* 8 Maple & Perry	2	0	0	1	1	91	1,391	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* 9 W State St & Huron & Eastern Railway	2	0	0	1	1	91	1,391	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* 10 W State St & Railroad	2	0	0	1	1	91	1,391	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee