

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	=	Atlas 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 Hegel Rd & State Rd	31	0	0	8	23	743	11,143	0	0.000	0.000	0.000	0.000	0.000	0.000	Goodrich	Genesee
2 Perry Rd & State Rd	20	0	0	4	16	376	5,576	17699	64.637	0.309	0.000	0.000	5.817	86.266	Atlas Twp	Genesee
3 Hill Rd & State Rd & S State Rd	13	0	0	4	9	369	5,569	19112	69.797	0.186	0.000	0.000	5.287	79.789	Atlas Twp	Genesee
* 4 State Rd & Hegel Rd & Erie St	11	0	0	3	8	278	4,178	0	0.000	0.000	0.000	0.000	0.000	0.000	Goodrich	Genesee
* 5 State Rd & Green Rd	11	0	0	1	10	100	1,400	0	0.000	0.000	0.000	0.000	0.000	0.000	Atlas Twp	Genesee
6 Perry Rd & Irish Rd	10	0	0	3	7	277	4,177	9071	33.127	0.302	0.000	0.000	8.362	126.091	Atlas Twp	Genesee
* 7 Twin Ponds Dr & State Rd	9	0	0	3	6	276	4,176	0	0.000	0.000	0.000	0.000	0.000	0.000	Atlas Twp	Genesee
* 8 McCandlish Rd & Vassar Rd	8	0	0	3	5	275	4,175	0	0.000	0.000	0.000	0.000	0.000	0.000	Atlas Twp	Genesee
* 9 State Rd & Hill Lane Dr	6	0	0	1	5	95	1,395	0	0.000	0.000	0.000	0.000	0.000	0.000	Atlas Twp	Genesee
* 10 Coolidge Rd & State Rd	5	0	0	1	4	94	1,394	0	0.000	0.000	0.000	0.000	0.000	0.000	Atlas Twp	Genesee

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