

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	=	Gaines

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Intersection Name	Total Crashes	Type				EPDO	Modified EPDO			Rate per MEV				Modified EPDO	Village	County
	Fatal	A	B+C	PDO	AADT		MEV	Crash	Injury	Fatality	EPDO					
* 1 Walker St & Walnut St	3	0	1	0	2	92	1,392	0	0.000	0.000	0.000	0.000	0.000	0.000	Gaines	Genesee
* 2 E Lansing St & Elm St	3	0	0	1	2	92	1,392	0	0.000	0.000	0.000	0.000	0.000	0.000	Gaines	Genesee
* 3 Walker St & Grove St	2	0	0	0	2	2	2	0	0.000	0.000	0.000	0.000	0.000	0.000	Gaines	Genesee
* 4 E Lansing St & Lansing St & Grove St	2	0	0	1	1	91	1,391	0	0.000	0.000	0.000	0.000	0.000	0.000	Gaines	Genesee
* 5 Park St & Walnut St	1	0	1	0	0	90	1,390	0	0.000	0.000	0.000	0.000	0.000	0.000	Gaines	Genesee
* 6 Walker St & Genesee Ave	1	0	0	0	1	1	1	0	0.000	0.000	0.000	0.000	0.000	0.000	Gaines	Genesee
* 7 Walnut St & Canadian National Railway	1	0	1	0	0	90	1,390	0	0.000	0.000	0.000	0.000	0.000	0.000	Gaines	Genesee
* 8 Elm St & Walker St	1	0	0	0	1	1	1	0	0.000	0.000	0.000	0.000	0.000	0.000	Gaines	Genesee
* 9 Genesee Ave & Clinton St	1	0	0	1	0	90	1,390	0	0.000	0.000	0.000	0.000	0.000	0.000	Gaines	Genesee
* 10 Church St & Genesee Ave	1	0	0	1	0	90	1,390	0	0.000	0.000	0.000	0.000	0.000	0.000	Gaines	Genesee