

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	=	Grand Blanc

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

Intersection Ranking Report

		Total Crashes										Rate per MEV							City		County
Intersection Name		Fatal	Type A	Type B+C	PDO	EPDO	Modified EPDO	AADT	MEV	Crash	Injury	Fatality	EPDO	Modified EPDO	City	County					
*	1 E Grand Blanc Rd & S Saginaw St	105	0	0	13	92	1,262	18,162	0	0.000	0.000	0.000	0.000	0.000	Grand Blanc	Genesee					
*	2 Church St & S Saginaw St & Old Bridge Rd	97	0	0	15	82	1,432	20,932	0	0.000	0.000	0.000	0.000	0.000	Grand Blanc	Genesee					
	3 Perry Rd & S Saginaw Rd & Bush St & S Saginaw St	91	0	0	20	71	1,871	27,871	40074	146.350	0.622	0.000	0.000	12.784	190.441	Grand Blanc	Genesee				
*	4 Crane Dr & S Saginaw Rd	67	0	0	18	49	1,669	25,069	0	0.000	0.000	0.000	0.000	0.000	Grand Blanc	Genesee					
*	5 High St & S Saginaw St	54	0	0	5	49	499	6,999	0	0.000	0.000	0.000	0.000	0.000	Grand Blanc	Genesee					
*	6 Bella Vista Dr & S Saginaw Rd	50	0	0	7	43	673	9,773	0	0.000	0.000	0.000	0.000	0.000	Grand Blanc	Genesee					
*	7 Holly Rd & S Saginaw Rd	43	0	0	4	39	399	5,599	0	0.000	0.000	0.000	0.000	0.000	Grand Blanc	Genesee					
*	8 Grant St & S Saginaw St	42	0	0	7	35	665	9,765	0	0.000	0.000	0.000	0.000	0.000	Grand Blanc	Genesee					
	9 S Saginaw St & Center Rd	37	0	0	11	26	1,016	15,316	31963	116.729	0.317	0.000	0.000	8.704	131.210	Grand Blanc	Genesee				
*	10 Pleasantview Dr & S Saginaw St	26	0	0	10	16	916	13,916	0	0.000	0.000	0.000	0.000	0.000	Grand Blanc	Genesee					