

Intersection Ranking Report

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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	=	Fenton Twp

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

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Intersection Name	Total Crashes	Fatal	Type A	Type B+C	PDO	EPDO	Modified EPDO		Rate per MEV				Modified EPDO	City or Township	County	
							AADT	MEV	Crash	Injury	Fatality	EPDO				
1 Torrey Rd & W Thompson Rd	30	0	0	7	23	653	9,753	15374	56.146	0.534	0.000	0.000	11.630	173.708	Fenton Twp	Genesee
* 2 W Thompson Rd & N I 75/Thompson RAMP & Thompson/N I 75 RAMP	27	0	0	4	23	383	5,583	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton Twp	Genesee
* 3 Thompson/S I 75 RAMP & W Thompson Rd & S I 75/Thompson	25	0	0	3	22	292	4,192	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton Twp	Genesee
4 Owen Rd & Linden Rd	25	0	0	4	21	381	5,581	10541	38.496	0.649	0.000	0.000	9.897	144.976	Fenton Twp	Genesee
* 5 Lobdell Rd & Linden Rd	18	0	0	5	13	463	6,963	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton Twp	Genesee
6 Jennings Rd & Owen Rd	14	0	0	4	10	370	5,570	15111	55.185	0.254	0.000	0.000	6.705	100.933	Fenton	Genesee
7 W Thompson Rd & N Fenton Rd	13	0	0	5	8	458	6,958	11244	41.063	0.317	0.000	0.000	11.154	169.447	Fenton Twp	Genesee
* 8 Linden Rd & Thompson Rd	12	0	0	4	8	368	5,568	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton Twp	Genesee
9 Lahring Rd & Linden Rd	12	0	0	3	9	279	4,179	10077	36.801	0.326	0.000	0.000	7.581	113.557	Fenton Twp	Genesee
* 10 Owen Rd & Orchard Trl	11	0	0	1	10	100	1,400	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton Twp	Genesee