

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	=	Flint

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

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Rank	ID	Intersection Name	Total Crashes		Type A	Type B+C	PDO	EPDO	Modified EPDO	AADT	MEV	Rate per MEV				City	County	
			Fatal									Crash	Injury	Fatality	EPDO			
*	1	E Court St & S Saginaw St & W Court St	119	0	1	22	96	2,166	32,066	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
*	2	S Dort Hwy & E Court St	106	0	0	22	84	2,064	30,664	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
	3	Robert T Longway Blvd S & Cesar Chavez Dr	104	0	0	30	74	2,774	41,774	12905	47.129	2.207	0.000	0.000	58.860	886.376	Flint	Genesee
*	4	Corunna Rd & S Ballenger Hwy	103	0	2	21	80	2,150	32,050	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
*	5	Cesar Chavez Dr & Robert T Longway Blvd S	101	0	0	31	70	2,860	43,160	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
*	6	W Court St & Beach St	101	0	1	19	81	1,881	27,881	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
	7	N Grand Traverse St & W 5th Ave	97	0	1	29	67	2,767	41,767	26502	96.785	1.002	0.010	0.000	28.589	431.544	Flint	Genesee
*	8	E Court St & S Center Rd	90	0	0	20	70	1,870	27,870	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
*	9	N I 475/Court RAMP & E Court St & Cesar Chavez Dr	83	0	0	19	64	1,774	26,474	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
	10	Cesar Chavez Dr & Robert T Longway Blvd N	82	0	0	26	56	2,396	36,196	12290	44.883	1.827	0.000	0.000	53.383	806.452	Flint	Genesee