

# 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
Intersecton Related	=	True
Year of Crash	>=	2013
ROAD: County	=	Genesee
ROAD: City/Twp	=	Flint Twp

# Intersection Ranking Report

Rank	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	Corunna Rd & S Linden Rd	140	0	0	22	118	2,098	30,698	52407	191.390	0.731	0.000	0.000	10.962	160.395	Flint Twp	Genesee	
*	2 W I 69/Miller RAMP & Miller/N I 75 RAMP & Miller Rd	108	0	0	19	89	1,799	26,499	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
*	3 Miller Rd & Austins Pkwy	105	0	0	19	86	1,796	26,496	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
*	4 Corunna Rd & Lowden Ln	101	0	3	33	65	3,305	50,105	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
5	Miller Rd & S Linden Rd	95	0	0	18	77	1,697	25,097	31636	115.535	0.822	0.000	0.000	14.688	217.224	Flint Twp	Genesee	
*	6 Corunna Rd & S Graham Rd	93	0	2	26	65	2,585	38,985	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
*	7 Miller Rd & Miller/S I 75 RAMP	84	0	1	20	63	1,953	29,253	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
*	8 Miller Rd & S I 75/Miller RAMP	81	0	1	20	60	1,950	29,250	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
9	W Bristol Rd & Van Slyke Rd	77	0	2	26	49	2,569	38,969	30448	111.196	0.692	0.018	0.000	23.103	350.453	Flint	Genesee	
*	10 Miller Rd & Claude Ave	76	0	1	20	55	1,945	29,245	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee

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