

# 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	=	Argentine Twp

# Intersection Ranking Report

Intersection Name	Total Crashes	Type				EPDO	Modified EPDO			Rate per MEV				Modified EPDO	City or Township	County
		Fatal	A	Type B+C	PDO		AADT	MEV	Crash	Injury	Fatality	EPDO				
1 Silver Lake Rd & Seymour Rd	14	0	1	3	10	370	5,570	9969	36.407	0.385	0.027	0.000	10.163	152.993	Argentine Twp	Genesee
2 Glen Hatt Dr & Silver Lake Rd	9	0	0	1	8	98	1,398	8402	30.684	0.293	0.000	0.000	3.194	45.561	Argentine Twp	Genesee
* 3 Lobdell Rd & Glen Hatt Dr	8	0	0	0	8	8	8	0	0.000	0.000	0.000	0.000	0.000	0.000	Argentine Twp	Genesee
* 4 Seymour Rd & Buxton St	8	0	0	1	7	97	1,397	0	0.000	0.000	0.000	0.000	0.000	0.000	Argentine Twp	Genesee
* 5 Seymour Rd & Harper St	8	0	0	1	7	97	1,397	0	0.000	0.000	0.000	0.000	0.000	0.000	Argentine Twp	Genesee
6 Silver Lake Rd & Seymour Rd	7	0	0	4	3	363	5,563	11849	43.273	0.162	0.000	0.000	8.389	128.556	Argentine Twp	Genesee
* 7 Silver Lake Rd & Moran Dr	6	0	0	3	3	273	4,173	0	0.000	0.000	0.000	0.000	0.000	0.000	Argentine Twp	Genesee
8 Duffield Rd & Silver Lake Rd	6	0	1	1	4	184	2,784	5318	19.421	0.309	0.051	0.000	9.474	143.350	Argentine Twp	Genesee
* 9 Pleasant St & Silver Lake Rd	6	0	1	2	3	273	4,173	0	0.000	0.000	0.000	0.000	0.000	0.000	Argentine Twp	Genesee
10 Silver Lake Rd & Lobdell Rd	5	0	0	1	4	94	1,394	8281	30.242	0.165	0.000	0.000	3.108	46.095	Argentine Twp	Genesee

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