

# 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	=	Thetford Twp

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

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Intersection Name	Total Crashes					Modified EPDO				Rate per MEV				Township	County	
	Fatal	Type A	Type B+C	PDO	EPDO	AADT	MEV	Crash	Injury	Fatality	EPDO	Modified EPDO				
1 N Dort Hwy & E Dodge Rd	26	0	7	19	649	9,749	13281	48.502	0.536	0.000	0.000	13.381	201.002	Thetford Twp	Genesee	
2 E Vienna Rd & N Bray Rd	16	1	7	8	1,938	11,128	8751	31.959	0.501	0.000	0.031	60.640	348.196	Thetford Twp	Genesee	
3 N Saginaw Rd & E Dodge Rd	12	1	4	7	1,667	6,957	6544	23.899	0.502	0.000	0.042	69.752	291.100	Thetford Twp	Genesee	
* 4 N Lewis Rd & E Vienna Rd	10	0	0	10	10	10	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Thetford Twp	Genesee
* 5 E Frances Rd & N Lewis Rd & Lewis Rd	9	0	4	4	454	6,954	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Genesee Twp	Genesee
6 N Saginaw Rd & N Dort Hwy	7	0	3	4	274	4,174	14729	53.790	0.130	0.000	0.000	5.094	77.598	Thetford Twp	Genesee	
* 7 Genesee Rd & E Vienna Rd	7	1	2	2	1,662	6,952	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Thetford Twp	Genesee
* 8 N Bray Rd & E Wilson Rd	5	0	2	2	272	4,172	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Thetford Twp	Genesee
* 9 E Frances Rd & N Dort Hwy	5	0	1	3	183	2,783	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Genesee Twp	Genesee
* 10 N Genesee Rd & E Frances Rd	4	0	1	3	93	1,393	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Genesee Twp	Genesee