

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	=	Mundy 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				Modified EPDO	City or Township	County			
	Fatal	Type A	Type B+C	PDO	EPDO	AADT	MEV	Crash	Injury	Fatality				EPDO		
1 E Hill Rd & W Hill Rd & Fenton Rd	51	0	12	39	1,119	16,719	39028	142.530	0.358	0.000	0.000	7.851	117.302	Grand Blanc Twp	Genesee	
* 2 W Hill Rd & Hill/S I 75 RAMP & S I 75/Hill RAMP	48	0	12	36	1,116	16,716	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Mundy Twp	Genesee
* 3 W Hill Rd & Hill 23 Dr	47	0	8	39	759	11,159	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Mundy Twp	Genesee
4 N Fenton Rd & W Baldwin Rd & Fenton Rd	44	0	13	31	1,201	18,101	16429	59.999	0.733	0.000	0.000	20.017	301.688	Mundy Twp	Genesee	
* 5 W Hill Rd & Hill/N I 75 RAMP & N I 75/Hill RAMP	42	0	9	32	932	13,932	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Mundy Twp	Genesee
6 Linden Rd & Hill Rd	36	0	9	27	837	12,537	17975	65.645	0.548	0.000	0.000	12.750	190.982	Mundy Twp	Genesee	
* 7 W Grand Blanc Rd & Grand Blanc/N I 75 RAMP & N I 75/Grand Blanc RAMP	33	0	4	29	389	5,589	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Mundy Twp	Genesee
* 8 W Hill Rd & Gateway Center Blvd	31	0	6	24	654	9,754	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Mundy Twp	Genesee
9 W Grand Blanc Rd & Grand Blanc Rd & Torrey Rd	29	0	4	25	385	5,585	12140	44.335	0.654	0.000	0.000	8.684	125.973	Mundy Twp	Genesee	
* 10 W Hill Rd & Taylor Dr	27	0	5	22	472	6,972	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Mundy Twp	Genesee