

Intersection Ranking Report

Region 5 - GLSPDC

Report Module: Safety Management Analysis

Today's Date: Thursday, August 22, 2024

Dates: 1/1/2021 to 12/31/2023

Animal Crashes: Excluded

Radius: 500 feet

Sort Order: Total Crashes, Total Fatal Crashes

Limited to Top: 10 Intersections

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)
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Drinking a Factor	=	No
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* An asterisk preceding the Intersection Name indicates incomplete AADT information for that intersection.

8/22/2024 9:01:56 AM

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Run by kgarris
Page 1 of 3

Intersection Related	=	Yes
Year of Crash	>=	2021
ROAD: County	=	Genesee
ROAD: City/Twp	=	Genesee Twp

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Intersection Ranking Report

Intersection Name	Total Crashes	Fatal	Type A	Type B+C	PDO	EPDO	Modified EPDO	AADT	MEV	Rate per MEV				City or Township	County	
										Crash	Injury	Fatality	EPDO			
* E Carpenter Rd & N Dort Hwy	38	0	1	9	28	928	13,928	0	0.000	0.000	0.000	0.000	0.000	0.000	Genesee Twp	Genesee
Richfield Rd & N Genesee Rd	29	0	0	12	17	1,097	16,697	23916	26.164	1.108	0.000	0.000	41.928	638.167	Genesee Twp	Genesee
* N Center Rd & Richfield Rd	23	0	0	7	16	646	9,746	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
E Mount Morris Rd & N Dort Hwy	20	0	0	4	16	376	5,576	27195	29.751	0.672	0.000	0.000	12.638	187.422	Genesee Twp	Genesee
* Lucharles Ave & N Saginaw St	17	0	1	3	13	373	5,573	0	0.000	0.000	0.000	0.000	0.000	0.000	Mt Morris Twp	Genesee
E Stanley Rd & N Saginaw St & W Stanley Rd	17	0	1	4	12	462	6,962	24195	26.469	0.642	0.038	0.000	17.454	263.025	Mt Morris Twp	Genesee
* Agnes St & N Saginaw St	16	0	1	3	12	372	5,572	0	0.000	0.000	0.000	0.000	0.000	0.000	Genesee Twp	Genesee
N Belsay Rd & Richfield Rd	16	0	0	5	11	461	6,961	17724	19.390	0.825	0.000	0.000	23.775	358.999	Genesee Twp	Genesee
E Stanley Rd & N Dort Hwy	13	0	1	6	6	636	9,736	36036	39.423	0.330	0.025	0.000	16.133	246.962	Genesee Twp	Genesee
* Lewis Rd & E Mount Morris Rd	12	0	0	2	10	190	2,790	0	0.000	0.000	0.000	0.000	0.000	0.000	Genesee Twp	Genesee

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