

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)
------------	----------	----------

Drinking a Factor	=	No
-------------------	---	----

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

8/22/2024 9:03:32 AM

Roadsoft Version 2024.3

Run by kgarris
Page 1 of 3

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

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

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			
* Davison Rd & N Dort Hwy	69	0	1	21	47	2,027	30,627	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* Lapeer Rd & S Dort Hwy	67	0	1	17	49	1,669	25,069	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
Cesar Chavez Dr & Robert T Longway Blvd N	67	0	0	25	42	2,292	34,792	12290	13.445	4.983	0.000	0.000	170.472	2587.728	Flint	Genesee
* Robert T Longway Blvd & N Dort Hwy & S Dort Hwy	63	0	1	23	39	2,199	33,399	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* S Dort Hwy & E Court St	53	0	0	15	38	1,388	20,888	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* Dort Hwy & Stewart Ave & E Stewart Ave & N Dort Hwy	53	0	0	16	37	1,477	22,277	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* Churchill Ave & N Dort Hwy	50	0	1	19	30	1,830	27,830	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
N Grand Traverse St & W 5th Ave	49	0	0	14	35	1,295	19,495	26502	28.993	1.690	0.000	0.000	44.666	672.404	Flint	Genesee
* N Dort Hwy & Richfield Rd	49	0	3	8	38	1,028	15,328	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* E I 69/Dort RAMP & S Dort Hwy	48	0	1	11	36	1,116	16,716	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee

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