

# Intersection Ranking Report

## Region 5 - GLSPDC

**Report Module:** Safety Management Analysis

**Today's Date:** Tuesday, September 21, 2021

**Dates:** 1/1/2017 to 12/31/2020

**Animal Crashes:** Excluded

**Radius:** 500 feet

**Sort Order:** Total Crashes, Total Fatal Crashes

**Limited to Top:** 50 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

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

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**Report Filter**

<b>Field Name</b>	<b>Operator</b>	<b>Value(s)</b>
Drinking a Factor	=	No
Intersection Related	=	Yes
Year of Crash	>=	2017
ROAD: County	=	Genesee

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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	Modified EPDO		
1 S State Rd & Lapeer Rd	125	0	1	29	95	2,795	41,795	38782	56.622	2.208	0.018	0.000	49.362	738.141	Davison Twp	Genesee
2 E Hill Rd & Fenton Rd & W Hill Rd	117	0	2	31	84	3,054	45,954	39028	56.981	2.053	0.035	0.000	53.597	806.479	Mundy Twp	Genesee
* 3 E Court St & W Court St & S Saginaw St	100	0	0	26	74	2,414	36,214	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 4 E Court St & S Center Rd	97	0	0	21	76	1,966	29,266	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
5 Corunna Rd & S Linden Rd	96	0	0	15	81	1,431	20,931	52407	76.514	1.255	0.000	0.000	18.702	273.558	Flint Twp	Genesee
* 6 Corunna Rd & Lowden Ln	94	0	1	39	54	3,654	55,654	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 7 Grand Traverse/S I 475 RAMP & E Bristol Rd & S Grand Traverse St	93	0	2	12	79	1,339	19,539	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
* 8 S Dort Hwy & E Court St	92	0	0	18	74	1,694	25,094	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 9 Corunna Rd & S Ballenger Hwy	89	0	0	15	74	1,424	20,924	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 10 S I 75 & Miller Rd	86	0	0	15	71	1,421	20,921	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 11 Corunna Rd & S Graham Rd	84	0	1	33	50	3,110	47,310	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
12 N Grand Traverse St & W 5th Ave	84	0	2	22	60	2,220	33,420	26502	38.693	2.171	0.052	0.000	57.375	863.722	Flint	Genesee
13 W Bristol Rd & E Bristol Rd & Fenton Rd	83	0	1	33	49	3,109	47,309	37107	54.176	1.532	0.018	0.000	57.387	873.246	Burton	Genesee
* 14E Grand Blanc Rd & S Saginaw St	83	0	0	19	64	1,774	26,474	0	0.000	0.000	0.000	0.000	0.000	0.000	Grand Blanc	Genesee
* 15 W Court St & Beach St	80	0	0	19	61	1,771	26,471	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
16 Dort Hwy & E Grand Blanc Rd	80	0	0	24	56	2,216	33,416	24603	35.920	2.227	0.000	0.000	61.693	930.290	Grand Blanc Twp	Genesee
17 Cesar Chavez Dr & Robert T Longway Blvd N	80	0	1	29	50	2,750	41,750	12290	17.943	4.459	0.056	0.000	153.263	2326.813	Flint	Genesee

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										Crash	Injury	Fatality	EPDO	Modified EPDO		
* 18 Miller/N I 75 RAMP & W I 69/MillerRAMP & Miller Rd	79	0	0	17	62	1,592	23,692	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 19 N I 75 & Miller Rd	79	0	0	16	63	1,503	22,303	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 20 N I 475/Grand Traverse RAMP & EBristol Rd & S Grand Traverse St	78	0	1	10	67	1,057	15,357	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
* 21 Church St & Old Bridge Rd & S SaginawSt	77	1	0	19	57	3,067	27,857	0	0.000	0.000	0.000	0.000	0.000	0.000	Grand Blanc	Genesee
* 22 M 15/W I 69 RAMP & S State Rd	76	0	1	19	56	1,856	27,856	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison Twp	Genesee
* 23 Miller Rd & Austins Pkwy	76	0	0	17	59	1,589	23,689	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 24 N State Rd & E Flint St & W Flint St	75	0	1	19	55	1,855	27,855	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison	Genesee
25 Dort Hwy & S Dort Hwy & E Hill Rd	73	0	0	23	50	2,120	32,020	31241	45.612	1.600	0.000	0.000	46.479	702.008	Grand Blanc Twp	Genesee
* 26 S Dort Hwy & Lapeer Rd	72	0	2	19	51	1,941	29,241	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
27 Cesar Chavez Dr & Robert T Longway Blvd S	72	0	2	20	50	2,030	30,630	12905	18.841	3.821	0.106	0.000	107.744	1625.710	Flint	Genesee
* 28 Miller/S I 75 RAMP & Miller Rd	70	1	0	14	55	2,615	20,905	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 29 S State Rd & W I 69/M 15 RAMP	70	0	1	18	51	1,761	26,461	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison Twp	Genesee
* 30 S I 75/I 69 RAMP & Miller Rd	70	0	0	15	55	1,405	20,905	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 31 E I 69/Dort RAMP & S Dort Hwy	69	0	2	18	49	1,849	27,849	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
32 N Linden Rd & W Pierson Rd	69	0	2	15	52	1,582	23,682	36147	52.775	1.307	0.038	0.000	29.976	448.735	Mt Morris Twp	Genesee
33 Cesar Chavez Dr & Robert T Longway Blvd N	69	0	0	23	46	2,116	32,016	12884	18.811	3.668	0.000	0.000	112.487	1701.983	Flint	Genesee
* 34 S I 75/Miller RAMP & Miller Rd	68	1	0	14	53	2,613	20,903	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee

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										Crash	Injury	Fatality	EPDO	Modified EPDO		
* 35 Court/S I 475 RAMP & E Court St & Cesar Chavez Dr	68	0	1	23	44	2,204	33,404	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
36 Bush St & Perry Rd & S Saginaw Rd & SSaginaw St	67	2	0	18	47	4,267	27,847	40074	58.508	1.145	0.000	0.034	72.930	475.952	Grand Blanc	Genesee
* 37 Corunna Rd & Pound Dr	67	0	1	28	38	2,648	40,348	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 38 N I 475 & E Bristol Rd	67	0	1	8	58	868	12,568	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
39 W Vienna Rd & Linden Rd	67	0	3	12	52	1,402	20,902	23444	34.228	1.957	0.088	0.000	40.961	610.670	Vienna Twp	Genesee
* 40 Cesar Chavez Dr & Robert T Longway Blvd S	67	0	1	15	51	1,491	22,291	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 41 S I 475 & E Bristol Rd	66	0	1	8	57	867	12,567	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
42 Miller Rd & S Linden Rd	65	0	1	18	46	1,756	26,456	31636	46.189	1.407	0.022	0.000	38.018	572.777	Flint Twp	Genesee
* 43 N Dort Hwy & Davison Rd	64	0	0	15	49	1,399	20,899	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 44 N Dort Hwy & E Stewart Ave & Stewart Ave	64	0	1	18	45	1,755	26,455	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 45 S Dort Hwy & Lippincott Blvd	63	1	0	22	40	3,320	32,010	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 46 W Court St & Church St	63	0	0	16	47	1,487	22,287	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
47 E Hill Rd & S Saginaw Rd	63	0	0	16	47	1,487	22,287	30280	44.209	1.425	0.000	0.000	33.636	504.128	Grand Blanc Twp	Genesee
* 48 Corunna Rd & Corunna/S I 75 RAMP	62	0	1	23	38	2,198	33,398	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 49 Miller Rd & Claude Ave	61	1	0	14	46	2,606	20,896	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 50 Corunna Rd & S I 75	61	0	0	22	39	2,019	30,619	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee

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