

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: 50

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
Intersecton Related	=	True
Year of Crash	>=	2013
ROAD: County	=	Genesee

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

This report shows the intersections with the highest number of crashes, but it does not prioritize the intersections.

Intersection Ranking Report

Intersection Name	Total Crashes	Crash Type					EPDO	Modified EPDO			Rate per MEV				City or Township	County
		Fatal	Type A	Type B+C	PDO	EPDO		AADT	MEV	Crash	Injury	Fatality	EPDO	Modified EPDO		
1 Lapeer Rd & S State Rd	144	0	0	33	111	3,081	45,981	38782	141.632	1.017	0.000	0.000	21.754	324.651	Davison Twp	Genesee
2 Corunna Rd & S Linden Rd	140	0	0	22	118	2,098	30,698	52407	191.390	0.731	0.000	0.000	10.962	160.395	Flint Twp	Genesee
3 E Hill Rd & W Hill Rd & Fenton Rd	140	0	0	33	107	3,077	45,977	39028	142.530	0.982	0.000	0.000	21.588	322.578	Grand Blanc Twp	Genesee
* 4 E Court St & S Saginaw St & W Court St	119	0	1	22	96	2,166	32,066	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 5 E Court St & S Center Rd	118	0	0	26	92	2,432	36,232	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
* 6 E Flint St & W Flint St & N State Rd	113	0	0	25	88	2,338	34,838	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison	Genesee
* 7 W I 69/Miller RAMP & Miller/N I 75 RAMP & Miller Rd	108	0	0	19	89	1,799	26,499	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 8 S Dort Hwy & E Court St	106	0	0	22	84	2,064	30,664	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 9 Miller Rd & Austins Pkwy	105	0	0	19	86	1,796	26,496	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 10 E Grand Blanc Rd & S Saginaw St	105	0	0	13	92	1,262	18,162	0	0.000	0.000	0.000	0.000	0.000	0.000	Grand Blanc	Genesee
11 Robert T Longway Blvd S & Cesar Chavez Dr	104	0	0	30	74	2,774	41,774	12905	47.129	2.207	0.000	0.000	58.860	886.376	Flint	Genesee
12 Dort Hwy & E Grand Blanc Rd	103	0	0	37	66	3,396	51,496	24603	89.850	1.146	0.000	0.000	37.796	573.133	Grand Blanc Twp	Genesee
* 13 Corunna Rd & S Ballenger Hwy	103	0	2	21	80	2,150	32,050	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 14 Corunna Rd & Lowden Ln	101	0	3	33	65	3,305	50,105	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 15 W Court St & Beach St	101	0	1	19	81	1,881	27,881	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 16 Cesar Chavez Dr & Robert T Longway Blvd S	101	0	0	31	70	2,860	43,160	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 17 E Bristol Rd & S Grand Traverse St	98	0	2	21	75	2,145	32,045	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
* 18 Church St & S Saginaw St & Old Bridge Rd	97	0	0	15	82	1,432	20,932	0	0.000	0.000	0.000	0.000	0.000	0.000	Grand Blanc	Genesee
19 N Grand Traverse St & W 5th Ave	97	0	1	29	67	2,767	41,767	26502	96.785	1.002	0.010	0.000	28.589	431.544	Flint	Genesee
20 Miller Rd & S Linden Rd	95	0	0	18	77	1,697	25,097	31636	115.535	0.822	0.000	0.000	14.688	217.224	Flint Twp	Genesee
21 Fenton Rd & W Bristol Rd & E Bristol Rd	93	0	2	33	58	3,208	48,708	37107	135.515	0.686	0.015	0.000	23.673	359.429	Burton	Genesee
* 22 Corunna Rd & S Graham Rd	93	0	2	26	65	2,585	38,985	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 23 S State Rd & State/W I 69 RAMP	92	0	0	22	70	2,050	30,650	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison Twp	Genesee
24 Perry Rd & S Saginaw Rd & Bush St & S Saginaw St	91	0	0	20	71	1,871	27,871	40074	146.350	0.622	0.000	0.000	12.784	190.441	Grand Blanc	Genesee

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		Fatal	Type A	Type B+C	PDO	EPDO		AADT	MEV	Crash	Injury	Fatality	EPDO	Modified EPDO		
25 S Saginaw Rd & E Hill Rd	91	0	0	22	69	2,049	30,649	30280	110.583	0.823	0.000	0.000	18.529	277.158	Grand Blanc Twp	Genesee
* 26 Miller Rd & Miller/S I 75 RAMP	84	0	1	20	63	1,953	29,253	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* 27 S State Rd & W I 69/State RAMP	84	0	0	19	65	1,775	26,475	0	0.000	0.000	0.000	0.000	0.000	0.000	Davison Twp	Genesee
28 N Linden Rd & W Pierson Rd	84	0	1	21	62	2,042	30,642	36147	132.009	0.636	0.008	0.000	15.469	232.121	Mt Morris Twp	Genesee
* 29 Owen Rd & Jennings Rd	84	0	1	18	65	1,775	26,475	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton	Genesee
* 30 S Grand Traverse St & E Bristol Rd	83	0	2	20	61	2,041	30,641	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
* 31 N I 475/Court RAMP & E Court St & Cesar Chavez Dr	83	0	0	19	64	1,774	26,474	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
32 Cesar Chavez Dr & Robert T Longway Blvd N	82	0	0	26	56	2,396	36,196	12290	44.883	1.827	0.000	0.000	53.383	806.452	Flint	Genesee
* 33 Miller Rd & S I 75/Miller RAMP	81	0	1	20	60	1,950	29,250	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
34 Dort Hwy & E Hill Rd & S Dort Hwy	79	1	0	19	59	3,069	27,859	31241	114.092	0.692	0.000	0.009	26.899	244.180	Grand Blanc Twp	Genesee
* 35 W Bristol Rd & N I 75/W Bristol RAMP & Spielman Rd	78	0	0	17	61	1,591	23,691	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 36 E Court St & Cesar Chavez Dr & Court/S I 475 RAMP	78	0	0	17	61	1,591	23,691	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 37 W Court St & Church St	77	0	0	16	61	1,501	22,301	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
38 W Bristol Rd & Van Slyke Rd	77	0	2	26	49	2,569	38,969	30448	111.196	0.692	0.018	0.000	23.103	350.453	Flint	Genesee
* 39 Miller Rd & Claude Ave	76	0	1	20	55	1,945	29,245	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
40 Fenton Rd & W Atherton Rd	75	0	1	24	50	2,300	34,800	16037	58.567	1.281	0.017	0.000	39.271	594.191	Flint	Genesee
* 41 Bristol/N I 75 RAMP & W Bristol Rd	75	0	0	17	58	1,588	23,688	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
42 Robert T Longway Blvd N & Cesar Chavez Dr	75	0	0	23	52	2,122	32,022	12884	47.052	1.594	0.000	0.000	45.099	680.566	Flint	Genesee
43 W Vienna Rd & Linden Rd	75	0	0	13	62	1,232	18,132	23444	85.617	0.876	0.000	0.000	14.390	211.780	Vienna Twp	Genesee
* 44 N Dort Hwy & Stewart Ave & Dort Hwy & E Stewart Ave	74	0	0	29	45	2,655	40,355	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 45 Bristol/N I 75 RAMP & W Bristol Rd	74	0	0	17	57	1,587	23,687	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
46 S Linden Rd & W Bristol Rd	72	0	0	14	58	1,318	19,518	33461	122.200	0.589	0.000	0.000	10.786	159.722	Flint Twp	Genesee
47 W Atherton Rd & S Grand Traverse St	72	1	1	19	51	3,151	29,241	15659	57.187	1.259	0.017	0.017	55.100	511.323	Flint	Genesee
48 S Linden Rd & Lennon Rd	72	0	1	15	56	1,496	22,296	30663	111.981	0.643	0.009	0.000	13.359	199.105	Flint Twp	Genesee
* 49 S Dort Hwy & Lapeer Rd	72	0	0	27	45	2,475	37,575	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint	Genesee
* 50 S I 75/Corunna RAMP & Corunna Rd	72	0	1	21	50	2,030	30,630	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee