

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
Intersecton Related	=	True
Year of Crash	>=	2013
ROAD: County	=	Genesee
ROAD: City/Twp	=	Burton

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

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Rate per MEV

Intersection Name	Total Crashes		Type A	Type B+C	PDO	EPDO	Modified EPDO		AADT	MEV	Crash	Injury	Rate per MEV		City	County
	Fatal						EPDO	EPDO					Fatality	EPDO		
* 1 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
* 2 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
3 N Belsay Rd & E Court St N	59	0	2	11	46	1,216	18,116	22113	80.757	0.731	0.025	0.000	15.058	224.327	Burton	Genesee
4 S Saginaw St & E Bristol Rd	55	1	1	11	42	2,422	18,112	33152	121.071	0.454	0.008	0.008	20.005	149.598	Burton	Genesee
5 S Center Rd & E Atherton Rd	53	0	1	16	36	1,566	23,666	25883	94.525	0.561	0.011	0.000	16.567	250.368	Burton	Genesee
* 6 E Bristol Rd & Green Briar Blvd	52	0	1	15	36	1,476	22,276	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
7 S Grand Traverse St & W Hemphill Rd	49	0	1	18	30	1,740	26,440	10802	39.449	1.242	0.025	0.000	44.108	670.232	Burton	Genesee
8 Fenton Rd & W Bristol Rd & E Bristol Rd	48	0	0	21	27	1,917	29,217	37107	135.515	0.354	0.000	0.000	14.146	215.600	Burton	Genesee
* 9 Lapeer Rd & S Belsay Rd	46	0	0	10	36	936	13,936	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
* 10 N Genesee Rd & Davison Rd	45	0	0	11	34	1,024	15,324	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee