

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.

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

* 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			
* E Bristol Rd & S Grand Traverse St	49	0	0	11	38	1,028	15,328	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
E Court St N & N Belsay Rd	43	0	0	6	37	577	8,377	22113	24.192	1.777	0.000	0.000	23.851	346.271	Burton	Genesee
E Bristol Rd & S Saginaw St	42	0	0	15	27	1,377	20,877	33152	36.268	1.158	0.000	0.000	37.967	575.631	Burton	Genesee
* E Bristol Rd & S Grand Traverse St	41	0	0	14	27	1,287	19,487	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
* E Bristol Rd & S Dort Hwy	38	0	1	12	25	1,195	18,095	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
Davison Rd & N Belsay Rd	37	0	0	14	23	1,283	19,483	21564	23.591	1.568	0.000	0.000	54.385	825.866	Burton	Genesee
* Belsay/W I 69 RAMP & N Belsay Rd	28	0	0	3	25	295	4,195	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
* W I 69/Belsay RAMP & N Belsay Rd	28	0	0	3	25	295	4,195	0	0.000	0.000	0.000	0.000	0.000	0.000	Burton	Genesee
E Bristol Rd & S Center Rd	28	0	1	7	20	740	11,140	22882	25.033	1.119	0.040	0.000	29.561	445.013	Burton	Genesee
S Grand Traverse St & W Hemphill Rd	25	0	0	6	19	559	8,359	18852	20.624	1.212	0.000	0.000	27.104	405.304	Flint	Genesee

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