

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 | = | Clayton Twp |

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 Morrish Rd & Corunna Rd & Morrish Rd S | 22 | 0 | 1 | 6 | 15 | 645 | 9,745 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Clayton Twp | Genesee |
| 2 Lennon Rd & Morrish Rd | 19 | 0 | 0 | 9 | 10 | 820 | 12,520 | 6091 | 22.244 | 0.854 | 0.000 | 0.000 | 36.864 | 562.848 | Clayton Twp | Genesee | |
| 3 Lennon Rd & Seymour Rd | 17 | 0 | 1 | 6 | 10 | 640 | 9,740 | 3195 | 11.668 | 1.457 | 0.086 | 0.000 | 54.851 | 834.762 | Clayton Twp | Genesee | |
| 4 S Seymour Rd & Corunna Rd & Seymour Rd | 17 | 0 | 1 | 8 | 8 | 818 | 12,518 | 12304 | 44.934 | 0.378 | 0.022 | 0.000 | 18.204 | 278.586 | Clayton Twp | Genesee | |
| * 5 S Seymour Rd & Corunna Rd | 15 | 0 | 0 | 6 | 9 | 549 | 8,349 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Clayton Twp | Genesee | |
| 6 Elms Rd & S Elms Rd & Corunna Rd | 14 | 0 | 0 | 8 | 6 | 726 | 11,126 | 24354 | 88.941 | 0.157 | 0.000 | 0.000 | 8.163 | 125.094 | Clayton Twp | Genesee | |
| 7 Beecher Rd & Morrish Rd & N Morrish Rd | 13 | 0 | 0 | 7 | 6 | 636 | 9,736 | 4842 | 17.683 | 0.735 | 0.000 | 0.000 | 35.967 | 550.585 | Clayton Twp | Genesee | |
| * 8 Corunna Rd & Sheridan Ave & M 21 | 13 | 0 | 1 | 2 | 10 | 280 | 4,180 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Clayton Twp | Genesee | |
| * 9 Sheridan Ave & Corunna Rd & M 21 | 12 | 0 | 1 | 2 | 9 | 279 | 4,179 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Clayton Twp | Genesee | |
| * 10 Ardel Dr & Sheridan Ave & Old Corunna Rd | 8 | 0 | 3 | 1 | 4 | 364 | 5,564 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Clayton Twp | Genesee | |

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