

Intersection Ranking Report

Region 5

Report Module: Safety Management Analysis

Today's Date: Monday, October 8, 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 |
| Intersection Related | = | True |
| Year of Crash | >= | 2013 |
| ROAD: County | = | Genesee |
| ROAD: City/Twp | = | Otter Lake |

Intersection Ranking Report

| Intersection Name | Total Crashes | Crash Types | | | | | Modified EPDO | | | Rate per MEV | | | | City or Township | County | | |
|----------------------------------|---------------|-------------|--------|----------|-----|------|---------------|-----|-------|--------------|----------|-------|-------|------------------|--------|------------|---------|
| | | Fatal | Type A | Type B+C | PDO | EPDO | AADT | MEV | Crash | Injury | Fatality | EPDO | | | | | |
| * 1 Detroit St & Genesee Ave | 3 | 0 | 0 | 0 | 3 | 3 | 3 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Otter Lake | Lapeer |
| * 2 Lake St & Genesee Ave | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Otter Lake | Lapeer |
| * 3 County Line Rd & Genesee Ave | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Otter Lake | Genesee |
| * 4 Benson Ave & Detroit St | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Otter Lake | Lapeer |
| * 5 Forest Ave & 11th St | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Otter Lake | Lapeer |
| * 6 Forest Ave & 10th St | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Otter Lake | Lapeer |
| * 7 Detroit St & Forest Ave | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Otter Lake | Lapeer |
| * 8 Otter Lake Rd & Detroit St | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Otter Lake | Lapeer |
| * 9 Genesee Ave & Cedar Ln | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | Otter Lake | Lapeer |

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