PBPP Requirements
Thursday, January 25, 2018

Macatawa Area Coordinating Council

MPO PERSPECTIVE
Macatawa Area Coordinating Council Boundaries
Background

• Small MPO: 2010 Population of 119,125
• 2 Counties: Allegan and Ottawa
• 2 Cities: Holland and Zeeland
• 7 Townships: Port Sheldon, Olive, Park, Holland, Zeeland, Laketown, and Fillmore
• 3 Transportation Planners
Safety

www.michigantrafficcrashfacts.org

Table 1 - Collision Trends in MACC Area

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Collisions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>4,000</td>
</tr>
<tr>
<td>2005</td>
<td>3,900</td>
</tr>
<tr>
<td>2006</td>
<td>3,800</td>
</tr>
<tr>
<td>2007</td>
<td>3,700</td>
</tr>
<tr>
<td>2008</td>
<td>3,600</td>
</tr>
<tr>
<td>2009</td>
<td>3,500</td>
</tr>
<tr>
<td>2010</td>
<td>3,400</td>
</tr>
<tr>
<td>2011</td>
<td>3,300</td>
</tr>
<tr>
<td>2012</td>
<td>3,200</td>
</tr>
<tr>
<td>2013</td>
<td>3,100</td>
</tr>
<tr>
<td>2014</td>
<td>3,000</td>
</tr>
<tr>
<td>2015</td>
<td>3,100</td>
</tr>
<tr>
<td>2016</td>
<td>3,200</td>
</tr>
</tbody>
</table>
Safety

Welcome to Michigan Traffic Crash Facts
The Michigan Traffic Crash Facts (MTCF) website provides users with annual official Michigan crash data. There are two sections to the website: the Publications section that contains crash data statistics dating back to 1992, and the Data Query Tool, which allows users to perform advanced searches...

Reports and Fact Sheets
The publications portion of the MTCF website contains a large collection of Michigan crash data documents available back to 1992. In addition to historical documents containing a wide range of data, documents located here focus on age, alcohol and/or drug, deer, crash, vehicle/driver, and occupant information. These publications are all available for download.

Data Query Tool
The MTCF Data Query Tool allows users to construct unique queries using Michigan crash data and view the results in a variety of formats. Currently, datasets are available for the years from 2004-2016. There is new data added to the site each year when the Michigan State Police release the previous year's official closed dataset.

Target Setting
# Michigan Department of Transportation Safety Targets

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Fatalities</td>
<td>1,003.2</td>
<td>963.0</td>
</tr>
<tr>
<td>Fatality Rate</td>
<td>1.02</td>
<td>1.00</td>
</tr>
<tr>
<td>Serious Injuries</td>
<td>5,136.4</td>
<td>5,273.4</td>
</tr>
<tr>
<td>Serious Injury Rate</td>
<td>5.23</td>
<td>5.47</td>
</tr>
<tr>
<td>Nonmotorized Fatalities and Serious Injuries</td>
<td>743.6</td>
<td>721.8</td>
</tr>
</tbody>
</table>
Local and State Data Sources

Dashboards

www.michigan.gov/tamc Transportation Asset Management Council
Local and State Data Sources

Dashboards

Data Sharing

Collision Reports, Traffic Counts, Pavement Data, HPMS, NPMRDS, RITIS
Reports

MACC Collision Summary 2001 - 2009

Legend
- Holland
- Zeeland
- Filmore Township
- Holland Township
- Laketown Township
- Olive Township
- Park Township
- Port Sheldon Township
- Zeeland Township

Bike Collisions

Intersection | Pedestrians | Cyclists | Total |
-------------|-------------|---------|-------|
Lakewood Blvd & River Ave | 13 | 10 | 23 |
Riley St & Butternut Dr | 7 | 3 | 10 |
Butternut Dr & James St | 3 | 1 | 4 |
E 8th St & Waverly Rd | 2 | 2 | 4 |
S Washington Ave & W 40th St | 2 | 2 | 4 |
River Ave & Douglas Ave | 1 | 1 | 2 |
James St & Blue Mot Rd | 1 | 1 | 2 |
Fairbanks Ave & 8th St | 1 | 1 | 2 |
138th Ave & James St | 1 | 1 | 2 |
120th Ave & River Ave | 1 | 1 | 2 |
118th Ave & River Ave | 1 | 1 | 2 |
River Ave & Howard Ave | 1 | 1 | 2 |
River Ave & W 79th St | 1 | 1 | 2 |
Total: 13 | 10 | 23 |
Average per year: 1.39 | 1.00 | 2.39 |
Coordination

MACC Technical Committee and Policy Board
Transit Provider - Macatawa Area Express
Transportation Authority (MAX)
Michigan Department of Transportation
Federal Partners (FHWA, FTA)
Michigan Transportation Planning Association
Helpful Resources


• Applying Safety Data and Analysis to Performance-Based Transportation Planning, Cambridge Systematics, Inc. 2015.

• Guidebook for Developing Pedestrian and Bicycle Performance Measures, UNC Highway Safety Research Center, 2016.

• TPM Toolbox (https://www.tpmtools.org)
Additional Needs

• **System Performance Report** – Examples of Best Practices

• **Peer Exchange For Small MPOs**

• **Training** – Developing skills to acquire and manipulate data for new performance measures

• **Forum** – How should contradictory or competing impacts of some measures be balanced? Example: Congestion vs. Safety
Questions?

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