

# Niles-Buchanan-Cass Area Transportation Study Policy & Technical Advisory Committee Meeting

Via Zoom

Tuesday, November 24, 2020

1:30 pm

## Join online via Zoom

<https://zoom.us/j/96018147712?pwd=b0RmaHQ4SFhwdzlnU3M1Q2ROUzZwUT09>

## Or join by phone (audio only)

Call in Number: 1 (312) 626-6799

Meeting ID: **960 1814 7712**

Passcode: **982150**

SWMPC staff will be conducting the meeting using the following power point starting on page 7. Those join by phone will be able to follow along with all items. The page numbers on the right side of the agenda are the pages in the power point each item is on. Supplemental material can be found in the meeting packet before the power point begins. This includes the following:

- Meeting Agenda
- September 2020 NATS Meeting Minutes
- Meeting power point

## **The meeting will be called to order at 1:30 am**

- Roll call will be taken for all NATS members in alphabetical order. Please respond with “Present”
- Members of public will be asked to announce themselves by first and last name.

You might asked to take your phone off speaker if other members in the meeting are having a hard time hearing you or put the phone closer to your face.

## **TIPS for having a better experience on a conference call:**

- Everyone on the call should **use the mute feature on phone or on Zoom** if they are not speaking.
- **SPEAK LOUD & SPEAK INTO THE PHONE** when talking so that everyone can hear.
- If your phone is not muted, it will disrupt the meeting with background noise.
- If you do not think people can hear you after you have said, something be sure to check if your mute button is turned off.
- **If you have a question please announce yourself by name and announce the person, you are directing your question to.** *“This is Karen Simpson, I would like to direct my question to Bart Jones and ask about...”* Bart Jones unmutes his phone and responds to question.
- **If you make a motion please state your name before you make the motion.** *“This is Ted King, I will make the motion to approve the ....”*
- **Members of the public are welcome to speak during Public Comment period** at the beginning and the end of the meeting. Please announce yourself by first and last name before you comment.
- **Note:** This meeting will be recorded for meeting minute purposes. Recording will be archived for no longer than 60 days from date of meeting.



**NILES BUCHANAN CASS AREA TRANSPORTATION STUDY  
TECHNICAL ADVISORY and POLICY COMMITTEES COMBINED MEETING**

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**FOR FURTHER INFORMATION CONTACT:**

**Kim Gallagher**, *Transportation Planner*  
(269) 925-1137 x 1518

**Brandon Kovnat**, *Transportation Planner*  
(269) 925-1137 x 1524

**DATE:** Tuesday, November 24, 2020

**TIME:** 1:30 PM

**PLACE:** Zoom Virtual Meeting

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**AGENDA**

- |  |        |
|--|--------|
| 1. Call to Order and Roll Call   | pg. 7  |
| 2. Changes to the Agenda   | pg. 7  |
| 3. Public Comment  | pg. 7  |
| 4. Approve Minutes from September 22, 2020 Meeting ( <i>attached pg. 3-5</i> ) | pg. 8  |
| 5. SWMPC Staff Report  | pg. 9  |
| 6. Agency Updates  | pg. 15 |
| • Public Transit   | pg. 15 |
| • Local Road Agencies  | pg. 16 |
| • MDOT   | pg. 21 |
| 7. New Business  | pg. 22 |
| • Safety Performance Measures  | pg. 23 |
| • US-12 Resurfacing Amendment – MDOT   | pg. 50 |
| 8. Privilege of the Floor or Public Comment                                    | pg. 51 |
| 9. Adjournment   | pg. 52 |

# NILES BUCHANAN CASS AREA TRANSPORTATION STUDY (NATS)

Joint Technical Advisory Committee (TAC) & Policy Committee Minutes

September 22, 2020, via Zoom

NATS MEMBER ORG./POSITION	MEMBERS (2019)	TAC	POL	J	F	M	A	M	J	J	A	S	O	N	D
Berrien Co. Board of Commissioners (1)	Michael Majerek		x	P	P		P	P			P	P			
Berrien Co. Board of Commissioners (2)	(vacant)		x								A				
Berrien Co. Community Dev. Dept.	Evan Smith	x		P	A		A	A			P	A			
Berrien Co. Planning Commission	Eric Lester, M.D.		x	P	P		A	P			P	P			
Berrien Co. Road Dept. (Policy)	(vacant)		x					A							
Berrien Co. Road Dept. (TAC)	Kevin Stack	X		P	P		A	A			A	P			
Bertrand Township	Butch Payton	x	x	A	A		P	P			P	A			
Buchanan Dial-A-Ride	Kim O'Haver	x	x	A	P		P	A							
Buchanan Township	Lynn Ferris	x	x	P	P		A	A			A	A			
Cass Co. Board of Commissioners (1)	Michael Grice		x	P	P		P	P			A	P			
Cass Co. Board of Commissioners (2)	Roseann Marchetti		x	P	P		P	P			P	P			
Cass Co. Planning Commission	(vacant)	x						A			A				
Cass Co. Road Comm. (Policy)	Sandra Seanor		x	P	P		A	A			P	P			
Cass Co. Road Comm. (TAC)	Joe Bellina (TAC Chair)	x		A	P		P	P			P				
City of Buchanan	Don Ryman	x	x	P	P		P	P			A	A			
City of Niles (1)	Georgia Boggs		x	A	P		A	A			A	P			
City of Niles (2)	Serita Mason		x	P	A		A	P			P	P			
City of Niles (3)	Jessica Nelson		x	A	A		P	P			P	P			
City of Niles Community Dev. Director	(vacant)	x													
City of Niles Dial-A-Ride Transit	Kelly Getman-Dissette	x	x	P	A		P	P			P	P			
City of Niles Public Works Dir./Airport	Joe Ray	x		P	A		A	A			P	P			
Howard Township	Bill Kasprzak	x	x	P	P		P	P			P	A			
Kinexus	(vacant)	x													
Mason Township	Doug Feters	x	x	A	A		A	A			A	A			
MDOT - Bureau of Trans. Planning	Jim Sturdevant	x	x	A	P		P	A			P	A			
MDOT - Southwest Region	Brian Sanada	x	x	P	P		P	A			P	A			
MDOT - Southwest Region (Alternate)	Amy Lipset	Alt	Alt	A	A		A	A			A	A			
MDOT - Transportation Service Center	Jonathon Smith	x	x	P	P		P	A			P	P			
Milton Township	Susan Flowers	x	x	P	P		P	P			A	P			
Niles Charter Township	Richard Cooper (P. Ch.)	x	x	P	P		P	P			P	P			
Ontwa Township	Dawn Bolock	x	x	A	P		A	P			P	P			
Pokagon Band of Potawatomi Indians	(vacant)	x	x												
Village of Edwardsburg	Dennis Peak	x	x	A	A		A	A			A	A			
Federal Highway Administration	Andy Pickard	NV	NV	A	A		A	A			A	A			
Federal Transit Administration	Susan Weber	NV	NV	A	A		A	A			A	A			
EGLE - Air Quality	Breanna Bukowski	NV		A	A		A	A			A	A			
MDOT - Modeling	Jon Roberts	NV		A	A		A	A			A	A			
MDOT - Office of Passenger Trans.	(vacant)	NV									A				
Michiana Area Council of Governments	Caitlin Stevens	NV	NV	A	A		A	A			A	A			
Southwest Michigan Planning Comm.	Kim Gallagher	NV	NV	A	A		P	P			P	A			
Southwest Michigan Planning Comm.	Brandon Kovnat	NV	NV	P	P		P	P			P	P			

P. Ch.: Policy Chair; Alt: Alternate; NV: Non-voting; P: Present; A: Absent.

**1. Call to Order and Roll Call**

Technical Advisory Committee Vice Chair Joe Ray called the meeting to Order at 1:30 pm. Brandon Kovnat led roll call.

**2. Changes to the Agenda**

None.

**3. Public comment**

None.

**4. Approval of the Minutes from the April 21, 2020 NATS Meeting**

**Motion** to approve the minutes from the August 25, 2020 joint Technical Advisory Committee and Policy Committee meeting. Made by Serita Mason and seconded Michael Majerek. **Motion approved.**

**5. SWMPC Staff Report**

Kovnat discussed the expiration of the FAST act, the current federal transportation bill. Federal transportation bills are approved for five years; the fast act will expire at the end of the 2020 fiscal year on September 30, 2020. If there is no active transportation bill federally funded transportation project cannot be obligated. In the past congress has authorized temporary extensions of the transportation bill until a replacement bill is approved. The worst case is a week-by-week extension that is costly and delays. MDOT has asked agencies to get projects submitted as soon as possible just in case.

**6. Agency and Project Updates**

6.1. **Niles Dial A Rid:** Gettman-Dissette said that Niles Dial A Ride for drivers to hire.

6.2. **Local Road Agencies**

**City of Niles:** Ray Said that not much has happened with the Lake Street Bridge. He said Amtrak had 12 days remaining on its 30 days to comment on the request or a permit. A pre-construction meeting was held with the contractors and the project is still planned for fall construction.

**Cass County Road Commission:** No Updates were given.

**Berrien county Road Department:** No Updates were given.

6.3. **MDOT**

Kovnat relayed an update given by Amy Lipset about planning study, requested by the State legislature, to examine creating toll roads in Michigan. Lipset a statewide tolling study committee member had said an RFP was sent to find a consultant to conduct the study and four interviews were held. This is just a study and the consultant will identify which roads if any make the most sense for tolling.

**7. New Business – TIP Amendments**

7.1. **US-12 Pedestrian Crossing near Edwardsburg:** Kovnat reminded the committee that the Cass County Road Commission had originally submitted an application to use NATS allocation of Transportation Alternative Program (TAP) funds for a HAWK signal on US-12 across from the Edwardsburg Schools.

After discussions with MDOT, the Road Commission is changing their request to a rapid flashing beacon. In addition, they plan to have MDOT do the design and construction. The Cass County Road Commission will remain as the official grantee, and enter into an agreement with MDOT.

Kovnat added that the cost would be reduced by \$40,000. These funds would be reprogramed later. The goal at this meeting is to ensure MDOT can begin work on the crossing signal as soon as possible.

Sandra Seanor explained that MDOT did not believe that the pedestrian traffic was high enough to warrant a HAWK signal. Due to COVID-19, there were a lack of students crossing. The school had also instructed students to avoid crossing US-12 due to a lack of a safe crossing. Seanor said that the crossing and the Edwardsburg path would not just be used by students but many residents in Edwardsburg walk or bike to the Edwardsburg Sports Complex. The change from a HAWK to a rapid flashing beacon was made with agreement from many parties including Ontwa Township, the Village of Edwardsburg, and the School District. They all agreed that since the HAWK was not currently warranted, the flashing beacon would be better than nothing would, and it could be re-examined in the future based on future usage.

- 7.2. **MDOT work on US-12:** Kovnat reminded the committees on the original proposal MDOT had made for work on US-12. The initial plan was to expand the shoulders on US-12 in 2021 and resurface the road in 2023. Due to drainage issues MDOT, needed to push back the shoulder widening. MDOT also determined that US-12 could not wait until 2023 for repairs.

The new plan is to do a single course of asphalt in 2021 and do another course of asphalt with expanded shoulders in 2023. Kovnat explained that the amendment request was to remove the 2023 Job and to significantly alter the job that was already programed for 2021.

- 7.3. **Payment marking project:** Kovnat said that MDOT was using Highway safety Improvement program (HSIP) funds to improve pavement markings throughout southwest Michigan.

**Motion** for the technical Advisory Committee to recommend that the Policy Committee approve the amendment to the NATS 2020-2023 Transportation Improvement Program as contained in the meeting packet. Made by Joe Ray and seconded by Kevin Stack. **Motion approved.**

**Motion** for the Policy Committee to approve the recommendation from the Technical Advisory Committee. Made by Dawn Bolock and seconded Serita Mason. **Motion approved.**

## **8. Privilege of the Floor or Public Comment**

None.

## **9. Adjournment**

The meeting was adjourned at 2:15 pm. the next meeting is scheduled for September 22, 2020 at 1:30 to be conducted via conference call.

*Minutes compiled by Brandon Kovnat, SWMPC Associate Transportation planner*

# **Niles-Buchanan-Cass Area Transportation Study**

## **Combined TAC & Policy Meeting**

November 24, 2020

**Session will begin at 1:30**

1. Please mute your microphone

*If you dialed in on a phone you can use \*6 to mute and unmute yourself*

2. Recording will start when the meeting begins

3. Roll call will be taken after the meeting starts

# WELCOME

- **Call to Order**

- **Roll Call**

Please wait until your name is called and respond with present

- **Changes to the Agenda**

- **Public Comment**

# MEETING MINUTES

## **Approval of Minutes September 22, 2020 Combined Meeting**

Policy Chair will call for a motion to approve minutes. Any member of either committee may support followed by any member adding second.

TAC & Policy  
Combined





# Staff Report

# SWMPC Public Participation Plan – Open Meetings Act (OMA)

- The basic intent of the Michigan Open Meetings Act is to require public bodies to conduct business at open meetings.
- The Act applies to any local governing body (including a board, commission, committee, subcommittee, or authority).
- The Act sets forth regulations for public meetings that include notification, public participation, rules for holding closed meetings, and the legal requirements for meeting minutes.

Link to the [Public Participation plan](#) – see update on page 12

Link to Open Meetings Act Amendment - [Public Act 228](#)

# SWMPC Public Participation Plan – Open Meetings Act

- As a result of the ongoing Covid-19 pandemic, public bodies throughout the state have been meeting remotely through electronic means.
- On October 16, 2020, Governor Whitmer signed Public Act 228 of 2020 (Senate Bill 1108) into law, amending Michigan's Open Meetings Act (OMA), MCL 15.261 et seq., and codifying authority and required protocol for public bodies to hold virtual meetings under specific circumstances.

Link to the [Public Participation plan](#) – see update on page 12

Link to Open Meetings Act Amendment - [Public Act 228](#)

# SWMPC Public Participation Plan – Open Meetings Act (OMA)

- The newly adopted amendment to the OMA officially extends the former accommodation for remote participation due to military service to also address a medical condition of a member, or “a statewide or local state of emergency declared pursuant to law or charter by the governor or a local official or local governing body that would risk the personal health or safety of members of the public or the public body if the meeting were held in person.”

Link to the [Public Participation plan](#) – see update on page 12

Link to Open Meetings Act Amendment - [Public Act 228](#)

# SWMPC Public Participation Plan – Open Meetings Act (OMA)

- Significantly, the amendment permits a public body to hold a virtual meeting **for any reason prior to January 1, 2021**, retroactive to March 18, 2020. MCL 15.263a.(1)(a).
- On or after **January 1, 2021 through December 31, 2021**, however, a member or members may participate remotely or virtually only due to absence for military duty, a medical condition, or “a statewide or local state of emergency or state of disaster as described” in the act. MCL 15.263a.(b).

Link to the [Public Participation plan](#) – see update on page 12

Link to Open Meetings Act Amendment - [Public Act 228](#)

# SWMPC Public Participation Plan – Open Meetings Act (OMA)

- Virtual/Electronic Meetings must Follow all other rules for an in person meeting
- Meetings must permit 2-way communication that allows the members of the public body and the public to hear and be heard by each other.

# Agency Updates

Transit

Local Road Agencies

MDOT

# Public Transit

Buchanan Dial A Ride — *Evan Smith, Berrien County*

Niles Dial A Ride — *Kelly Getman-Dissette, City of Niles*

Cass County Public Transit — *SWMPC Staff*



# Local Road Agencies

# Barron Lake Road– Cass County Road Commission

## 2021



<b>Limits:</b>	<b>M-60 to Cook Street</b>
<b>Township:</b>	<b>Howard Township</b>
<b>Length:</b>	2.6 miles
<b>Work Type:</b>	Overlay of travel lanes and paved shoulder, signage, and pavement markings.
<b>Current PASER:</b>	3
<b>Project's Expected Lifespan: 7 to 9 yrs..</b>	

Federal - STBG	Local	Total
<b>\$298,301</b>	<b>\$135,609</b>	<b>434,000</b>

GI package complete. Current estimate is 8% higher than previously programmed



# Portage Road- Berrien County Road Department

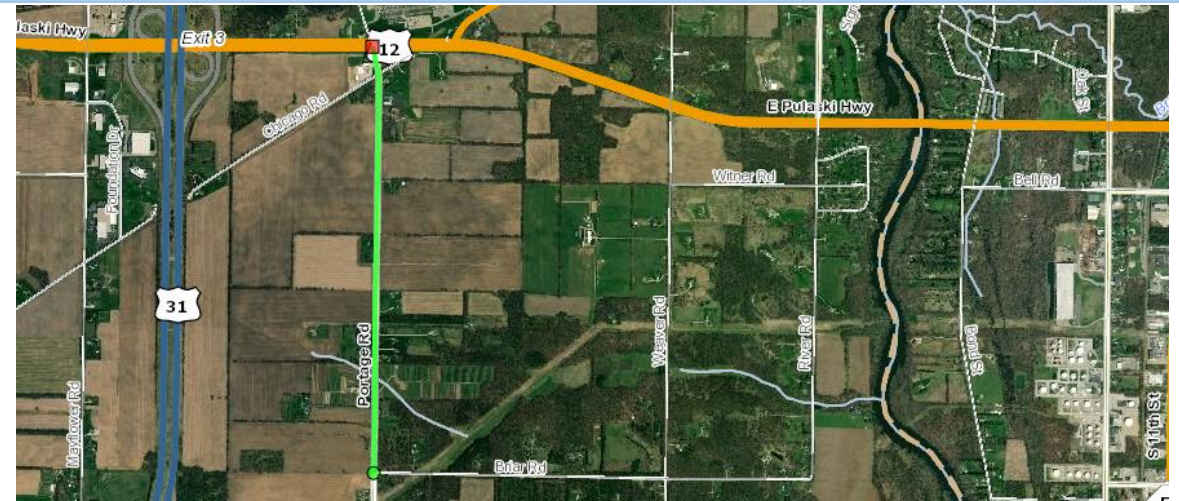
## 2021



<b>Limits:</b>	<b>Briar Road to US-12</b>
<b>Township:</b>	<b>Bertrand Township</b>
<b>Length:</b>	1.51 miles
<b>Work Type:</b>	HMA overlay with 3 foot wide paved shoulders
<b>Current PASER:</b>	4
<b>Project's Expected Lifespan: 10-15 yrs.</b>	

Federal - STBG	Local	Total
<b>\$319,632</b>	<b>\$160,369</b>	<b>\$480,000</b>

Beginning design





# Walton Rd. Bridge – Berrien County Road Department

## 2021



<b>Limits:</b>	Over St. Joseph River
<b>Length:</b>	528 ft.
<b>Year Built</b>	1966
<b>Work Type:</b>	Bridge Preventive Maintenance
<b>Condition:</b>	Poor. Superstructure rated 3 out of 10. Substructure rated 6 out of 10

**Federal - BHT**

**Local**

**Total**

**\$456,500**

**\$456,500**

**\$913,000**



# MDOT Updates

# New Business

- 1. Safety Performance Measures**
- 2. TIP Amendment for US-12 project - MDOT**

# Safety Performance Measure - Background

The five federally mandated performance measures  
Presented as 5 year averages:

- Number of Fatalities
- Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT)
- Number of Serious Injuries
- Rate of Serious Injuries per 100 million VMT
- Number Fatalities and Non-Motorized Serious Injuries of Bicyclists & Pedestrians

NATS adopted MDOT's safety measures for 2020 targets in November 2020.



**A serious injury refers to an injury which requires an ambulance to transport the patient**

# Where Does MDOT Get the Crash Data?

1. The law enforcement officer responding to a crash fills out a UD-10 report which records details about the event (this is ultimately the source of all crash data)
2. Each law enforcement agency sends their UD-10 reports to the Michigan State Police after the end of the year
3. In spring the State Police releases the data (without personal information) to MDOT & MichiganCrashFacts.org.
4. MDOT, along with their university partners analyze the crash data to identify the trends and select safety targets for the following year
5. MDOT announces their safety targets in early September; MPOs then have 180 days to adopt these targets or create their own.



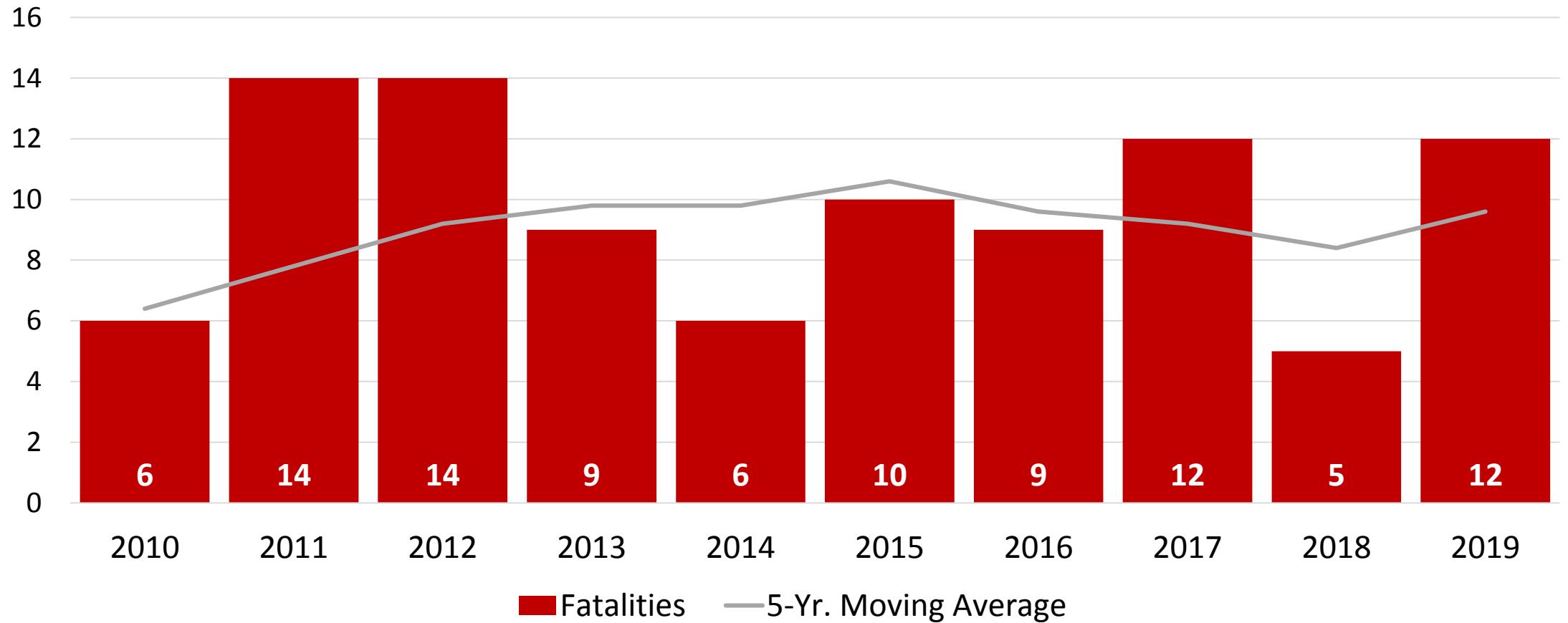
# Sample UD-10

Includes:

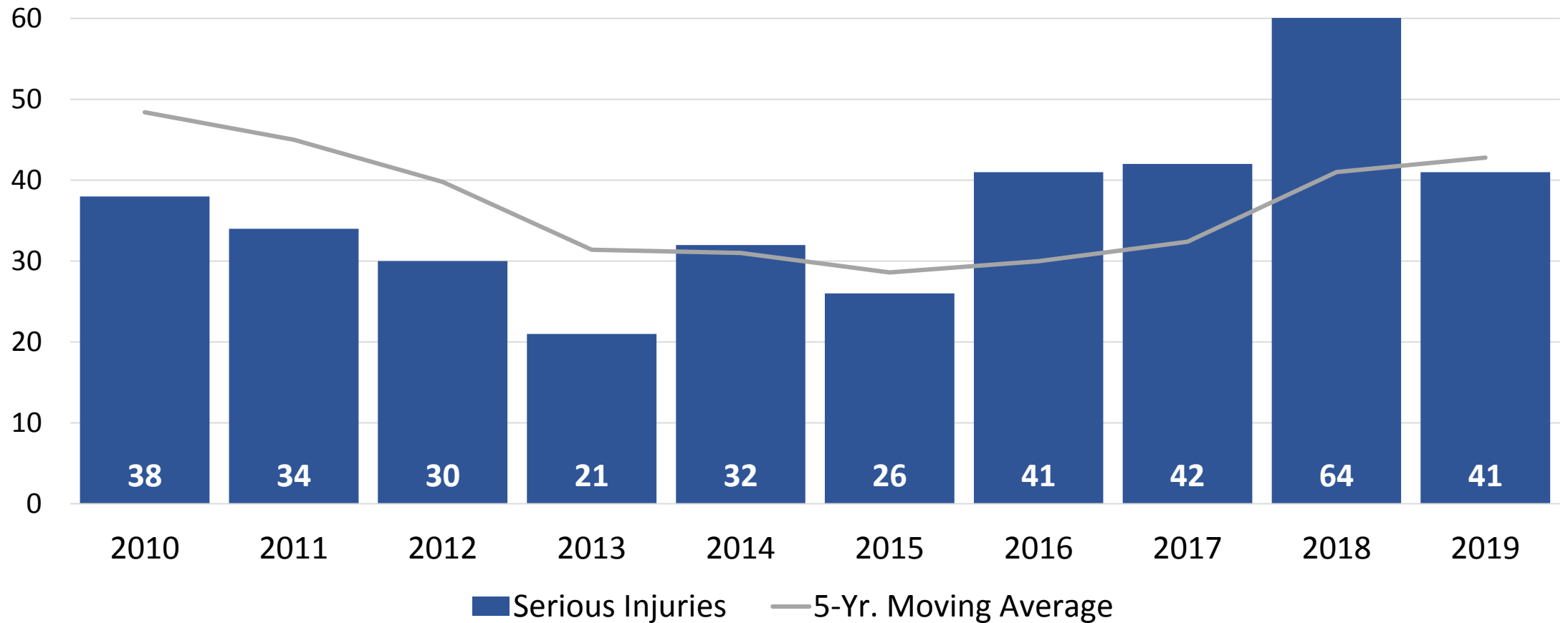
- Severity of injuries
- Type of crash
- Road Conditions
- Hazardous action (speeding, reckless etc.)
- Driver Condition prior to crash (impaired, fatigued, distracted).

MSP UD-10 (Rev. 01/2016) Authority: 1949 PA 360, Sec. 257.822 Compliance Required Penalty: \$100 and/or 90 days										State of Michigan Traffic Crash Report										Page _____ of _____																																																																																																																																																																																																																																															
ORI: MI										Department Name										Investigator(s)										Badge #										Investigated at Scene <input type="checkbox"/> Yes <input type="checkbox"/> No										Photos <input type="checkbox"/> Yes <input type="checkbox"/> No										Reviewer																																																																																																																																																																																																							
Crash Date										Crash Time (MM)										No. of Units										Crash Type										Single Motor Vehicle <input type="checkbox"/> Head On <input type="checkbox"/> Head On-Left Turn <input type="checkbox"/> Angle <input type="checkbox"/> Backing <input type="checkbox"/> Rear End <input type="checkbox"/>										Other <input type="checkbox"/>										Special Circumstances										Special Checks										Weather										Light										Road Surface Condition										Total Lanes																																																																																																																																																					
Special Circumstances										Special Checks										Weather										Light										Road Surface Condition										Total Lanes										County										City/Town										Area										Traffic Control										Relation to Roadway										Work Zone-Type										Work Zone-Workers Present										Work Zone-Activity										Work Zone-Location										Contributing Circumstances																																																																																																													
Prefix										Primary Road Name										Road Type										Suffix										Divided Roadway										Distance										Direction										Trafway										Speed Limit										Posted										Prefix										Intersecting Road Name										Road Type										Suffix										Divided Roadway																																																																																																																							
Unit Number										Driver's License State / Number										Date of Birth										Unit Type										Sex										Name										Street Address										City										State										ZIP										Phone										Injury										Total Occupants										Hospital Code										Ambulance Code																																																																																																																							
Position										Restraint										Airbag										Ejected										Condition at Time of Crash										Driver Distracted By										Hazardous Action										Action Prior										Sequence of Events (M = Most Harmful Event)										Test Results										Interlock Device										Alcohol Suspected										Contributing Factor										Test Type										Test Results										Drug Suspected										Contributing Factor										Test Type										Test Results																																																																															
Vehicle Registration										State										Insurance Company										Policy Number										VIN										Year										Make										Model										Color										Special Vehicles										Vehicle Use										Vehicle Type										Location of Greatest Damage										1st Impact										Extent of Damage										Vehicle Direction										Private Trailer Type										Vehicle Defect																																																																																									
Name										Street Address										City										State										ZIP										Phone										Sex										M <input type="checkbox"/> F <input type="checkbox"/>										Ejected										Injury										Total Occupants										Hospital Code										Ambulance Code										Name										Street Address										City										State										ZIP										Phone										Sex										M <input type="checkbox"/> F <input type="checkbox"/>										Ejected										Injury										Total Occupants										Hospital Code										Ambulance Code									
Owner										Uninjured Passenger										Witness										Owner										Uninjured Passenger										Witness										Name										Phone										Age										Pos.										Rest.										Address										Name										Phone										Age										Pos.										Rest.										Address										Reported Date										Reported Time										Damaged Property										Owner & Phone										Public										Yes <input type="checkbox"/> No <input type="checkbox"/>																													

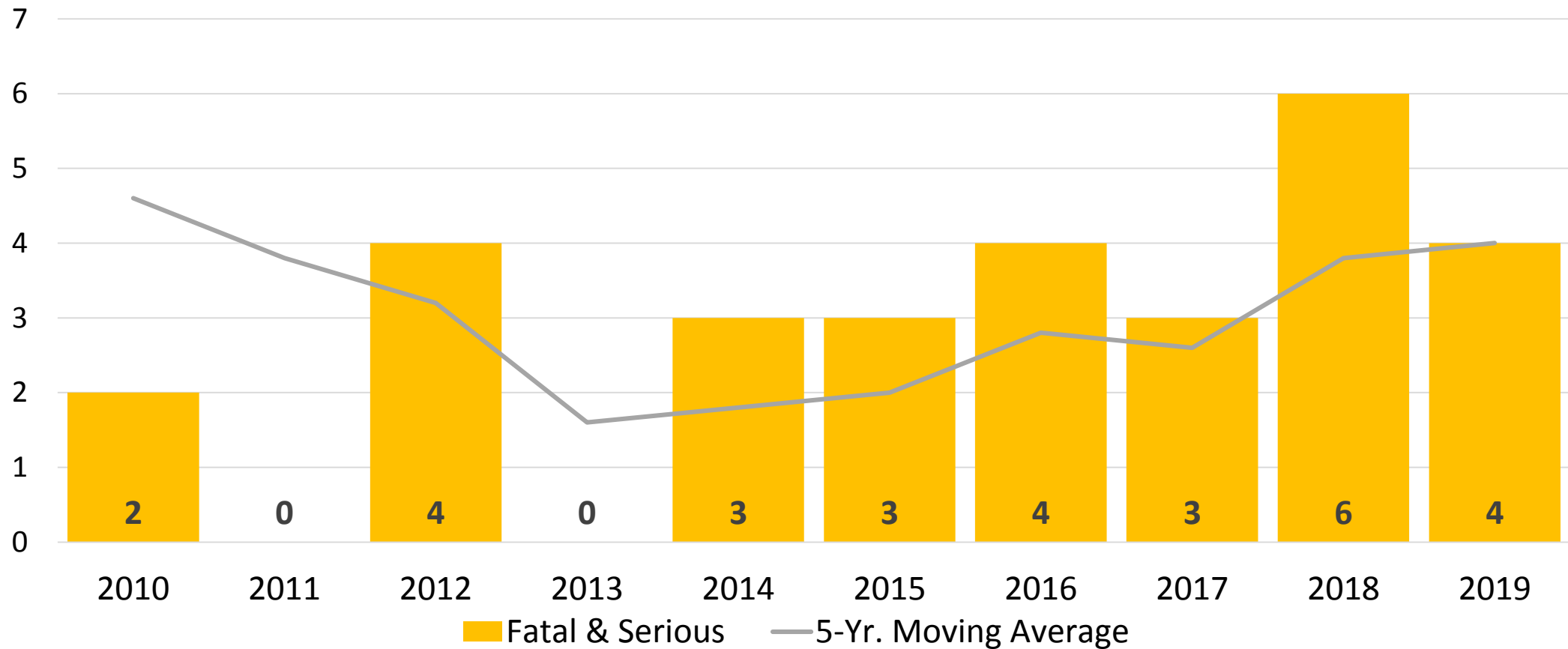
# Fatalities — NATS Planning Area



# Serious Injuries — NATS Planning Area



# Fatalities & Serious Injuries for Bicycle & Pedestrians — NATS Planning Area

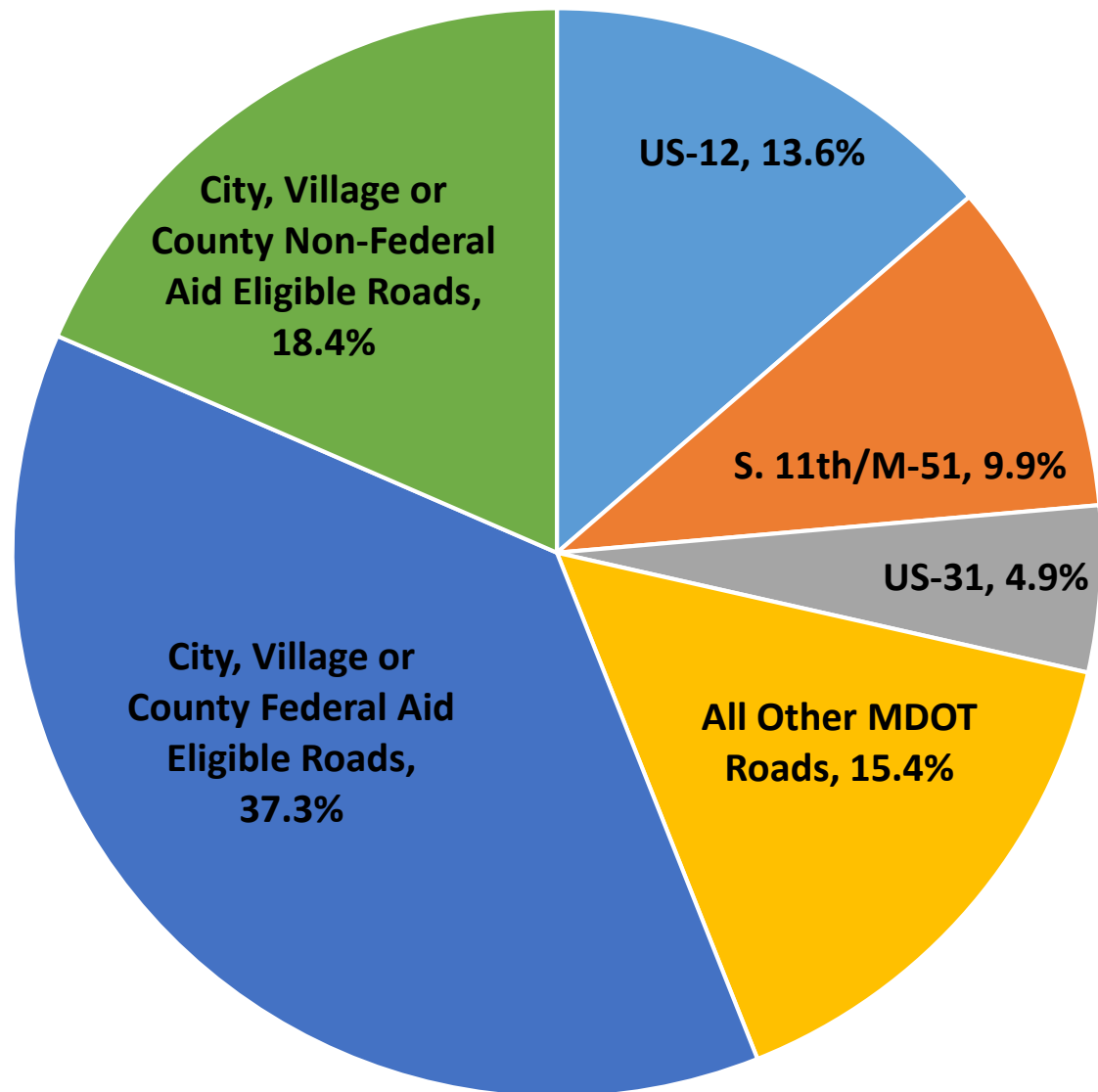


# Crash Trends

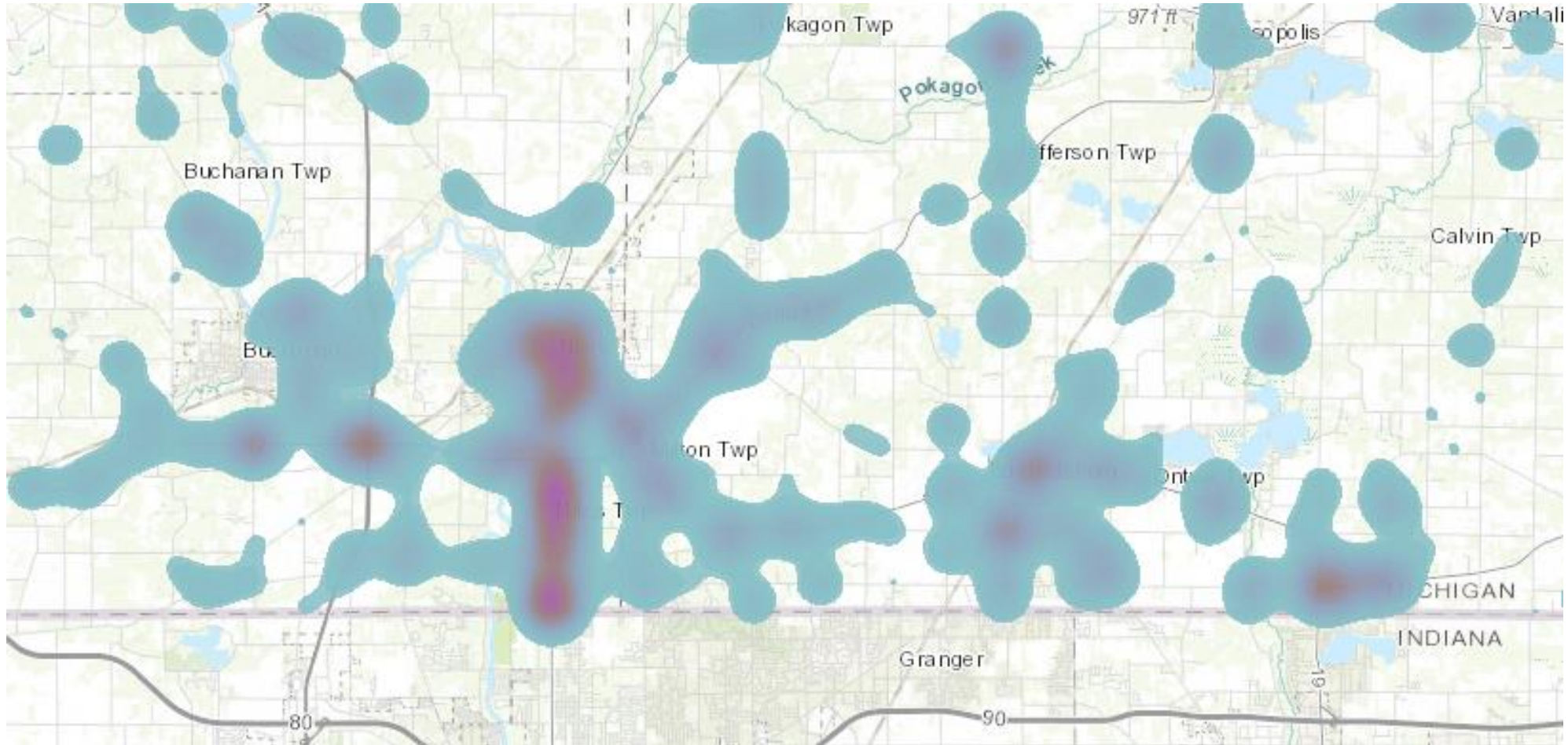
## **Berrien County & Cass County**

A reportable crash in Michigan is defined as: a motor vehicle that is in transport on the roadway that results in death, injury, or property damage of \$1,000 or more. In addition, a crash is reported for any snowmobile or off road vehicle with damage of \$100 or more, whether on the roadway or off the roadway.

# Where Crashes in The NATS Planning Area Occur



# SWMPC Interactive Map-Crash Data



<https://swmpc.maps.arcgis.com/home/webmap/viewer.html?webmap=ce6528836a744f54a7cdbf68eb09b0a0>

# Statewide Emphasis Areas

	Percent of Total Crashes (per crash)			Percent of Fatal of Serious Injuries (per person injured/killed)		
	Berrien	Cass	MI	Berrien	Cass	MI
<b>Intersection</b>	30.0%	23.0%	31.9%	35.1%	29.0%	36.2%
<b>Lane Departure</b>	26.9%	31.5%	16.7%	36.2%	55.5%	36.7%
<b>Pedestrian</b>	0.7%	0.4%	0.7%	8.6%	4.9%	9.0%
<b>Bicycle</b>	0.4%	0.3%	0.6%	2.5%	0.9%	2.7%
<b>Motorcycle</b>	1.1%	1.4%	0.9%	12.2%	10.4%	12.0%
<b>Truck/Bus</b>	6.9%	4.0%	4.3%	8.3%	7.6%	6.7%
<b>Alcohol</b>	3.8%	4.7%	3.2%	26.4%	25.6%	19.9%
<b>Drugs</b>	0.9%	1.3%	0.8%	10.3%	15.2%	10.0%
<b>Impaired*</b>	4.3%	5.2%	3.6%	32.4%	32.0%	25.2%
<b>20 and under</b>	14.5%	16.1%	17.3%	16.2%	15.9%	17.0%
<b>21-24</b>	11.6%	11.0%	14.1%	12.2%	13.7%	14.8%
<b>24 and under</b>	26.1%	27.1%	31.4%	28.5%	29.6%	31.8%
<b>65 and older</b>	26.6%	14.6%	16.1%	21.1%	18.9%	18.8%

Over half of the fatal and serious injuries in Cass County are due to lane departures

\*Impaired is the combined total for alcohol and drug crashes.



# Lane Departures – NATS Area

5 year average:

- 335.8 crashes annually
- 15.8 on average annually result in a fatality or serious injury
- Of the serious and fatal crashes:
  - 72% are single vehicle incidents
  - 24% are head on crashes



# Statewide Emphasis Areas

	Percent of Total Crashes (per crash)			Percent of Fatal and Serious Injuries (per person injured/killed)		
	Berrien	Cass	MI	Berrien	Cass	MI
Intersection	30.0%	23.0%	31.9%	35.1%	29.0%	36.2%
Lane Departure	26.9%	31.5%	16.7%	36.2%	55.5%	36.7%
Pedestrian	0.7%	0.4%	0.7%	8.6%	4.9%	9.0%
Bicycle	0.4%	0.3%	0.6%	2.5%	0.9%	2.7%
Motorcycle	1.1%	1.4%	0.9%	12.2%	10.4%	12.0%
Truck/Bus	6.9%	4.0%	4.3%	8.3%	7.6%	6.7%
Alcohol	3.8%	4.7%	3.2%	26.4%	25.6%	19.9%
Drugs	0.9%	1.3%	0.8%	10.3%	15.2%	10.0%
Impaired*	4.3%	5.2%	3.6%	32.4%	32.0%	25.2%
20 and under	14.5%	16.1%	17.3%	16.2%	15.9%	17.0%
21-24	11.6%	11.0%	14.1%	12.2%	13.7%	14.8%
24 and under	26.1%	27.1%	31.4%	28.5%	29.6%	31.8%
65 and older	26.6%	14.6%	16.1%	21.1%	18.9%	18.8%

\*Impaired is the combined total for Alcohol and Drug crashes.

# Michigan Annual Drunk Driving Audit

The Michigan Annual Drunk Driving Audit provides detailed information concerning traffic fatalities and injuries, as well as arrest activities that are part of ongoing efforts to reduce drunk driving in our state.

## **Link to Michigan Drunk Driving Audits 2010-2019**

[https://www.michigan.gov/msp/0,4643,7-123-1586\\_3501\\_4626-27728--,00.html](https://www.michigan.gov/msp/0,4643,7-123-1586_3501_4626-27728--,00.html)

# Michigan Annual Drunk Driving Audit – Traffic & Arrest Data by County Sample

Data on file as of 04/03/2020

Vehicle Miles Traveled (2018): 493,966,000  
County Population (2019): 51,787

## 625i (1a) Total Personal Injury (PI) Crashes

	INJURY CRASHES				
		Only Alcohol	Only Drugs	Both Alcohol & Drugs	No Alcohol & No Drugs
	Total	Involved	Involved	Involved	Involved
Total Injury	255	26	7	5	217
Per 10M Vehicle Miles	5.16	0.53	0.14	0.10	4.39
Per 100 Miles of Road	21.16	2.16	0.58	0.41	18.00
Per 10K Population	49.24	5.02	1.35	0.97	41.90

	PERSONS INJURED				
		Only Alcohol	Only Drugs	Both Alcohol & Drugs	No Alcohol & No Drugs
	Total	Involved	Involved	Involved	Involved
Total Injury	373	43	16	5	309
Per 10M Vehicle Miles	7.55	0.87	0.32	0.10	6.26
Per 100 Miles of Road	30.95	3.57	1.33	0.41	25.64
Per 10K Population	72.03	8.30	3.09	0.97	59.67

## 625i (1b) Total Fatal Crashes

	FATAL CRASHES				
		Only Alcohol	Only Drugs	Both Alcohol & Drugs	No Alcohol & No Drugs
	Total	Involved	Involved	Involved	Involved
Total Fatal	8	1	3	2	2
Per 10M Vehicle Miles	0.16	0.02	0.06	0.04	0.04
Per 100 Miles of Road	0.66	0.08	0.25	0.17	0.17
Per 10K Population	1.54	0.19	0.58	0.39	0.39

	PERSONS KILLED				
		Only Alcohol	Only Drugs	Both Alcohol & Drugs	No Alcohol & No Drugs
	Total	Involved	Involved	Involved	Involved
Total Fatal	8	1	3	2	2
Per 10M Vehicle Miles	0.16	0.02	0.06	0.04	0.04
Per 100 Miles of Road	0.66	0.08	0.25	0.17	0.17
Per 10K Population	1.54	0.19	0.58	0.39	0.39

## 625i (1c) Total Property Damage (PD) Crashes

	PROPERTY DAMAGE CRASHES				
		Only Alcohol	Only Drugs	Both Alcohol & Drugs	No Alcohol & No Drugs
	Total	Involved	Involved	Involved	Involved
Total Property Damage	1,293	27	1	3	1,262
Per 10M Vehicle Miles	26.18	0.55	0.02	0.06	25.55
Per 100 Miles of Road	107.27	2.24	0.08	0.25	104.70
Per 10K Population	249.68	5.21	0.19	0.58	243.69

## 625f Implied Consent Suspensions of Residents of This County: 27

	Description and Charge Code	Persons Arrested	*Convictions of Residents
625 (1)(a),(b),(c)	OUIL (8027, 8028, 8031, 8032, 8041, 8042, 8044)	154	99
625 (3)	IMPAIRED (8033, 8043)	0	46
625 (4)	DRUG OR ALC. DEATH CRASH (8039, 8046)	1	0
625 (5)	OUIL INJURY CRASH (8047)	0	0
625 (6)	UNDER 21 .02 & OVER (8050)	1	0
625 (7)	CHILD ENDANGERMENT (8030)	0	5
625 (8)	OWPD (8029)	1	3
625m	CDL DRIVER .04 & OVER (8048)	1	0
	TOTAL	158	153

	ARRESTS		
	Males	Females	Total
TOTAL	121	37	158
Per 10M Vehicle Miles	2.45	0.75	3.20
Per 100 Miles of Road	10.04	3.07	13.11
Per 10K Population	23.36	7.14	30.51

\*Not related to county of arrest. Felonies may be from prior year arrests.

This audit is produced and distributed by the Michigan Department of State Police, Criminal Justice Information Center.  
Conviction Data provided by the Michigan Department of State. See Section II for data on judges.

## Michigan State Police Michigan Statewide Breath Testing Program

Date Run: 4/3/2020  
Page: 14

### CASS

Arresting Agency	Instrument Number	Breath Test Totals	.00	.01-.07	.08-.09	.10-.16	.17-.99	Blood Test Totals	.00	.01-.07	.08-.09	.10-.16	.17-.99	Refused	Total
MSP NILES	11053	4	0	0	0	2	2	2	0	0	0	1	1	4	10
CT 04TH DIST CASSOPOLIS	14002	1	0	0	0	1	0	0	0	0	0	0	0	0	1
SO CASS CO	14114	19	2	2	0	5	10	22	12	0	0	6	4	15	56
PD CASSOPOLIS	14297	1	0	0	0	0	1	3	3	0	0	0	0	2	6
PD DOWAGIAC	14354	11	0	1	1	4	5	0	0	0	0	0	0	5	16
PD ONTWA TWP-EDWARDSBRK	14372	22	1	1	3	11	6	24	15	1	0	4	4	9	55
US POKAGON BAND TRIBAL PC	DI009	6	0	0	0	4	2	5	4	0	0	0	1	3	14
Totals:		64	3	4	4	27	26	56	34	1	0	11	10	38	158
Percent Totals:		40.51%						35.44%						24.05%	

# Alcohol Impaired Drivers

A2008306  
August 13, 2020

**TO THE HONORABLE BOARD OF COMMISSIONERS OF BERRIEN COUNTY, MICHIGAN:** Your County Administration Committee respectfully recommends the adoption of the following:

## RESOLUTION

**WHEREAS**, the Office of Highway Safety Planning has determined that Berrien County is eligible for FY2021 Traffic Enforcement Grant Projects which will provide the greatest opportunities for reductions in crashes, fatalities, and injuries; and

**WHEREAS**, based on seven years of crash data, Berrien County has been selected to focus on enforcement in impaired driving and safety belts; and

**WHEREAS**, the Drive Michigan Safety Task Force Project has been established to reduce the number of injuries and fatalities in traffic crashes due to alcohol impaired drivers and unbuckled motorists; and

**WHEREAS**, Berrien County law enforcement agencies are eligible for an award of \$25,186 for alcohol enforcement and safety belt enforcement patrols in federal funds for the fiscal year October 1, 2020 – September 30, 2021; and

**WHEREAS**, Berrien County is the fiduciary for the funds which are eligible for payment of overtime salaries and fringes related to this project and may be used by police agencies throughout Berrien County.

**NOW, THEREFORE, BE IT HEREBY RESOLVED** that the Berrien County Board of Commissioners accepts the grant award in the amount of \$25,186 for the purpose of funding additional alcohol and safety belt enforcement patrols.

Respectfully submitted,  
BERRIEN COUNTY ADMINISTRATION COMMITTEE

  
Jim Curran, Chairperson

Michael J. Majerek, Vice Chairperson

Don Meeks

  
Chris Heugel



# **MICHIGAN'S PREDICTED SAFETY TARGETS**

**WELCOME TO 2021**

# HOW DID WE DO IN 2018 STATEWIDE?

PERFORMANCE MEASURE	2014-2018 TARGET	2014-2018 OUTCOME	2012-2016 BASELINE	MET TARGET?	BETTER THAN BASELINE?	MET OR MADE SIGNIFICANT PROGRESS?
Number of Fatalities	1,003.2	987.6	964.0	Yes	N/A	NO
Rate of Fatalities	1.020	0.990	0.996	Yes	N/A	
Number of Serious Injuries	5,136.4	5,415.6	5,273.4	No	No	
Rate of Serious Injuries	5.230	5.424	5.446	No	Yes	
Number of Non-Motorized Fatalities & Serious Injuries	743.6	746.0	725.2	No	No	

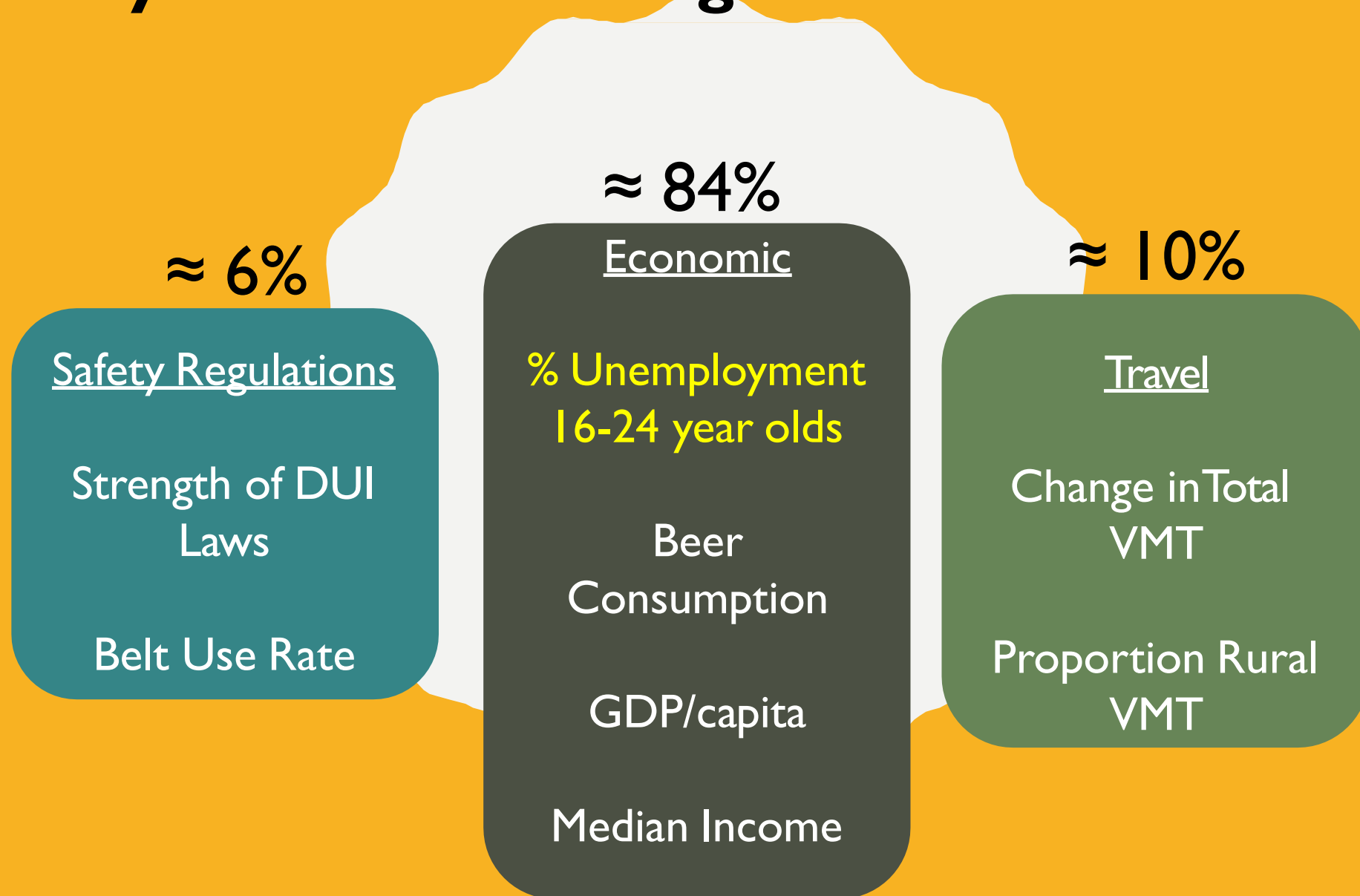
# NEXT STEPS FOR MDOT

- MDOT must submit an Highway Safety Improvement Plan
- MDOT must obligate in FY 2021 an amount equal or greater to its 2017 federal safety apportionment of \$58 million

FHWA does not impose penalties to individual Jurisdictions or MPOs.



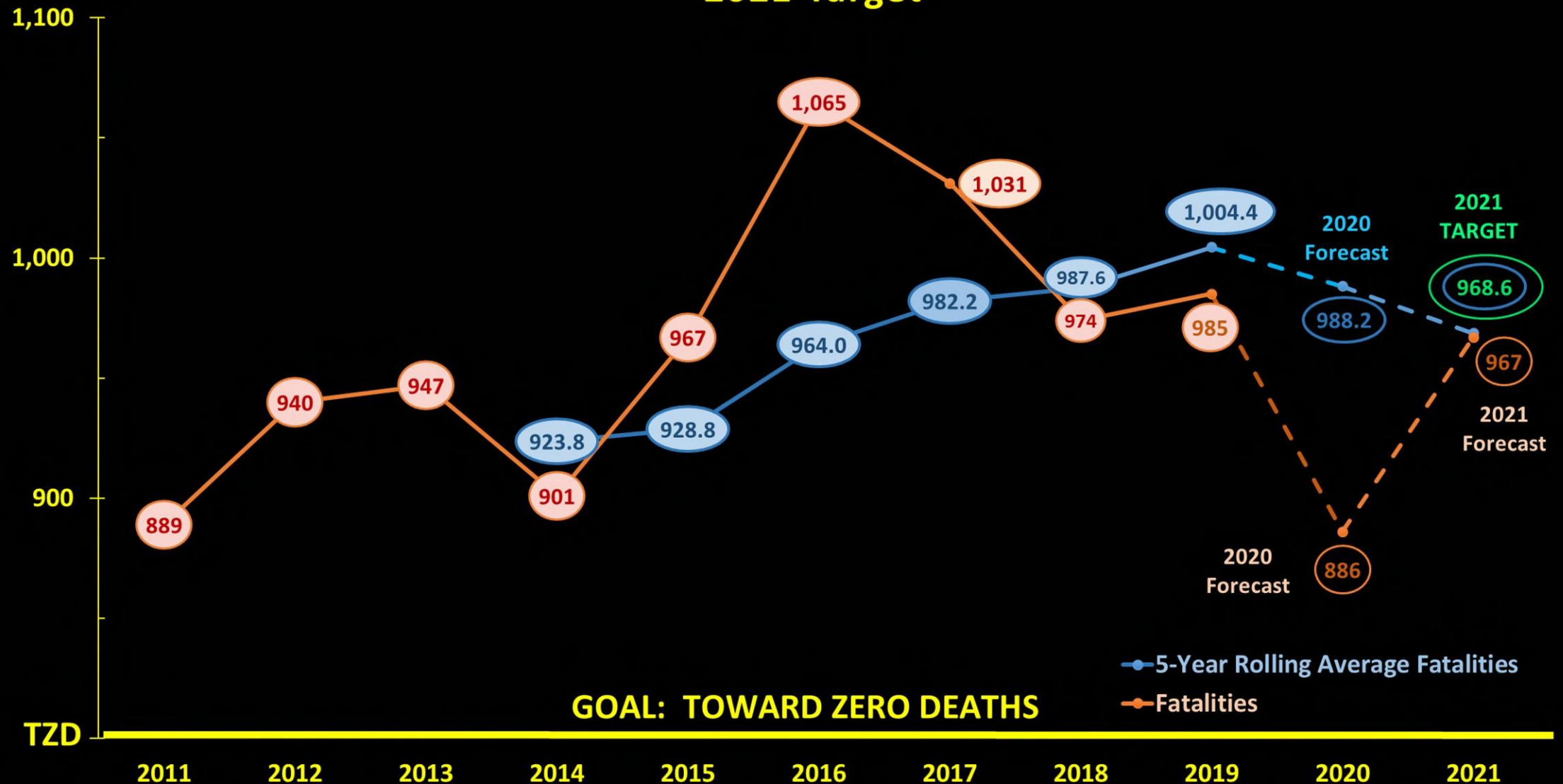
# Fatality Models: Most Significant Variables



# WHAT ABOUT 2020?

- 2020 is very unpredictable because of COVID-19
  - VMT
  - Unemployment

# National Performance Program Statewide Fatalities 2021 Target



NOTE: 2020 and 2021 Forecasted values are based on (1) 2015-2019 5-year rolling average, (2) UMTRI Prediction Model for establishing the CY 2021 target; (3) accounts for influencing factors and safety programming

# National Performance Program Statewide Serious Injuries 2021 Target



NOTE: 2020 and 2021 Forecasted values are based on (1) 2015-2019 5-year rolling average, (2) UMTRI Prediction Model for establishing the CY 2021 target; (3) accounts for influencing factors and safety programming

# National Performance Program

## Nonmotorized (Pedestrian and Bicycle) Fatalities and Serious Injuries

### 2021 Target



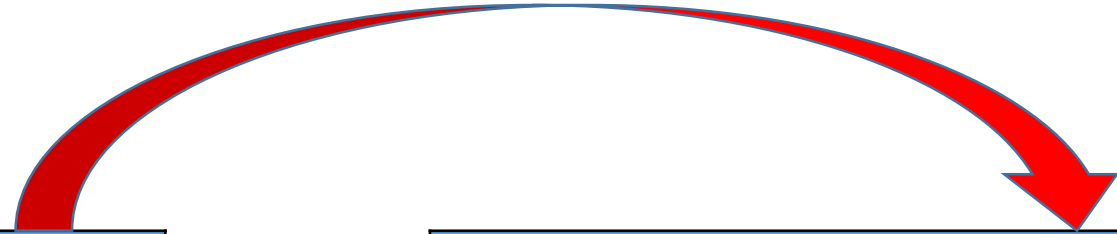
NOTE: 2020 and 2021 Forecasted values are based on (1) 2015-2019 5-year rolling average, (2) UMTRI Prediction Model for establishing the CY 2021 target; (3) accounts for influencing factors and safety programming

# Statewide Safety Performance “Targets”

Performance Measure	2013-2017 Data	2014-2018 Data	2015-2019 Data
Number of fatalities.	981.4	987.4	<b>1004.4</b>
Fatalities per 100 million vehicle miles traveled (VMT).	1.00	0.99	<b>0.998</b>
Number of serious injuries.	5,355.0	5,415.6	<b>5559.6</b>
Serious injuries per 100 million vehicle miles traveled (VMT).	5.47	5.41	<b>5.52</b>
Non-motorized fatalities, serious injuries.	743.6	742.4	<b>768.8</b>

2015-2019 Target	2016-2020 Target	2017-2021 Target
1,023.2	999.4	<b>968.6</b>
1.02	0.970	<b>0.982</b>
5,406.8	5,520.4	<b>5,533.6</b>
5.41	5.34	<b>5.609</b>
759.8	735.8	<b>771.2</b>

Performance Measure	2013-2017 Data	2014-2018 Data	2015-2019 Data
Number of fatalities.	981.4	987.4	<b>1004.4</b>
Fatalities per 100 million vehicle miles traveled (VMT).	1.00	0.99	<b>0.998</b>
Number of serious injuries.	5,355.0	5,415.6	<b>5,559.6</b>
Serious injuries per 100 million vehicle miles traveled (VMT).	5.47	5.41	<b>5.52</b>
Non-motorized fatalities, serious injuries.	743.6	742.4	<b>768.8</b>



2015-2019 Target	2016-2020 Target	2017-2021 Target
1,023.2	999.4	<b>968.6</b>
1.02	0.97	<b>0.982</b>
5,406.8	5,520.4	<b>5,533.6</b>
5.41	5.34	<b>5.609</b>
759.8	735.8	<b>771.2</b>



# STATEWIDE 2021 TARGET SUMMARY

• Measure • (5-year rolling average)	Baseline Condition (2015-2019)	2021 Targets (2017-2021)
• Number of Fatalities	1,004.4	968.6
• Rate of Fatalities per 100 million VMT	0.998	0.982
Number of Serious Injuries	5,559.6	5,533.6
• Rate of Serious Injuries per 100 million VMT	5.518	5.609
• Number of Non-motorized (Pedestrian and Bicycle) Fatalities and Serious Injuries	768.8	771.2





# Approval of 2021 Safety Targets

Technical Advisory Committee votes to (recommend/deny) that:

The NATS Policy Committee  
to adopt and support the 2021 MDOT statewide  
safety performance targets

Policy Committee votes to (approve/deny) the recommendation from TAC.

# US 12 - New Multi Year/Phased Project

## MDOT

### Original plan as presented at the August NATS Meeting

- 2021: Pavement repairs to the concrete layer. Pave & widen the shoulders
- 2023: Mill Asphalt and add a two course asphalt overlay (mill & fill)

### Revised plan presented at the September NATS Meeting:

- 2021: Pavement repairs, one course asphalt overlay & pave the existing 3 ft. shoulders – *Approved in September*
- 2023 Add another one course asphalt overlay. - *Not yet approved*  
*See following pages for details*

# US 12 – Multi-Year Project

## MDOT

**2021: Pavement Repairs and First course of Asphalt overlay**

Approved September

**2023: Second Course of Asphalt and possible shoulder widening**

Needs approval



# US 12 Resurfacing – 2023

## MDOT

Project Details	
Construction (CON)	Obligation in FY 2022 for spring 2023 construction
Limits	Galien Township line to west of Mayflower Road
Length	6.8 miles
Description	Single course overlay of pavement and shoulders. Drainage and guardrail improvements as needed. <b>Shoulder widening is still to be determined.</b>
Federal Fund Source	Surface Transportation Program
Federal Cost	\$8,336,423
State Match	\$1,848,578
Total Construction Cost	<b>\$10,185,000</b>



# TIP Amendment Motion

**Technical Advisory Committee** votes to (recommend/deny) that:

The NATS Policy Committee approve  
the amendments to the NATS  
2020-2023 Transportation Improvement Program

**Policy Committee** votes to (approve/deny) the recommendation from TAC.

# Privilege of the Floor / Public Comment

If anyone joined the meeting after rollcall of members please  
announce yourself now.

**Next meeting is:**  
**December 22, 2020, 1:30 PM**  
**Third Monday of the month**  
**(Virtual Meeting)**