

Mi-TIME

Michigan Traffic Incident Management Effort



Responder Safety



The overarching reason for clearing roadways quickly is YOUR SAFETY! *On average nationally:*



Each year, about 5 firefighters are killed in struck by incidents.



Each month, about one police officer is struck by a vehicle and killed somewhere in the US.



Each week, a tow operator is killed doing their job on our roads.



Every three days, a worker is struck and killed in a roadway work zone.

Quantifying the Problem - 5.5 Million Reported Incidents in 2010 in the US



- Estimated that the likelihood of a secondary incident raises 2.8% for every minute

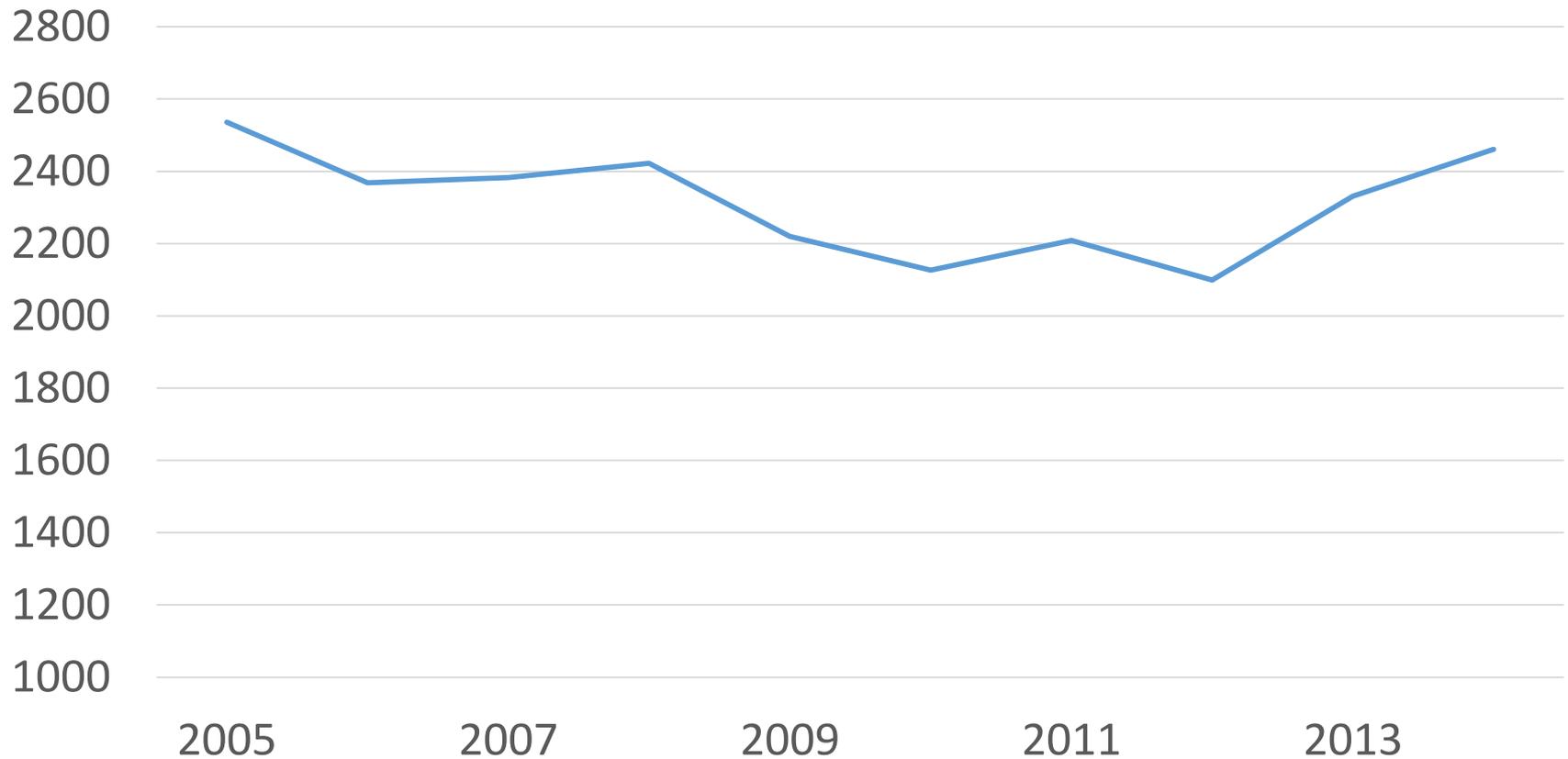


- Estimated 10-25% of all incidents are secondary
- Often more severe than the primary incident

How are we doing in Michigan?



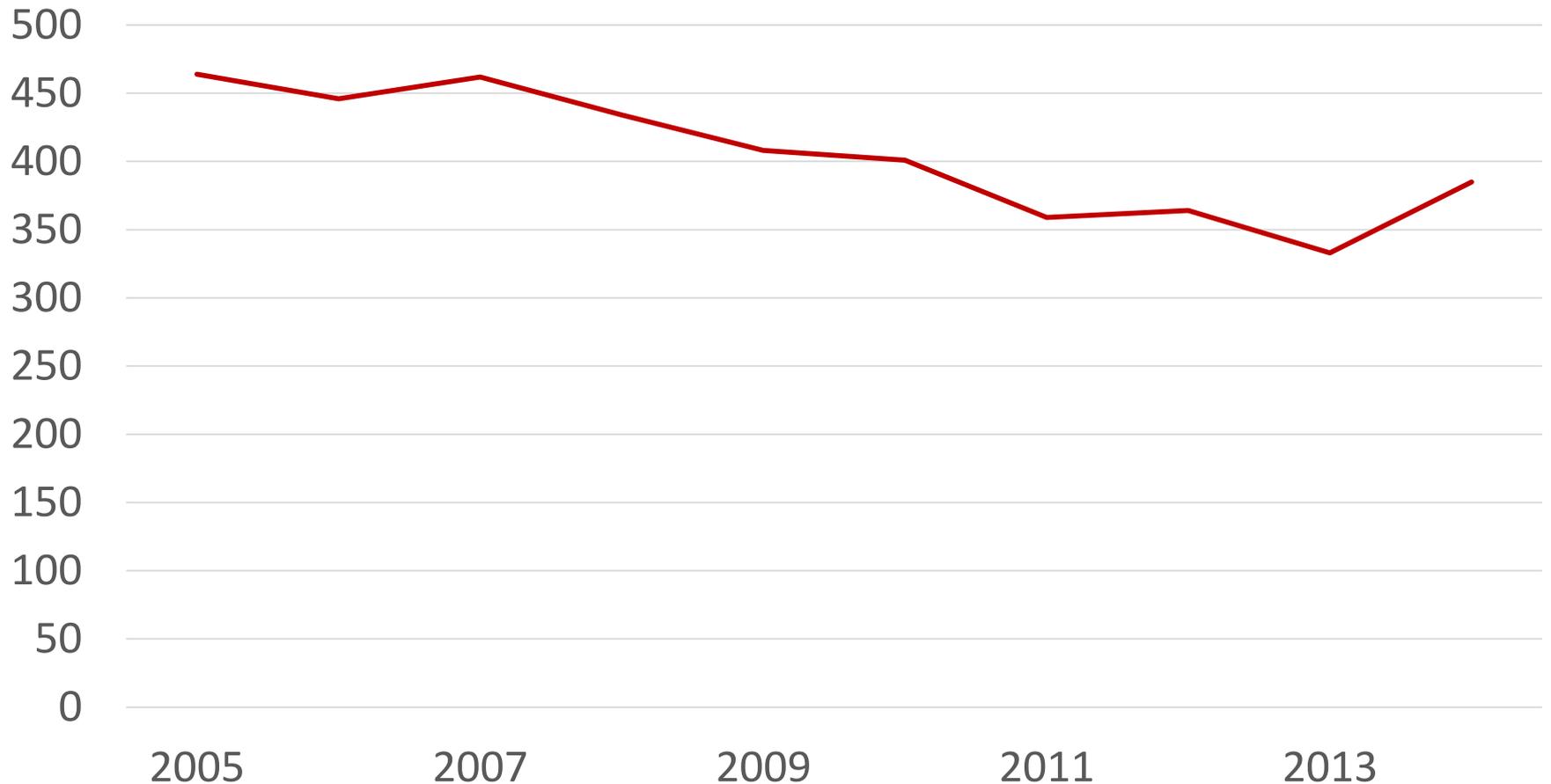
Emergency Vehicle Crashes



How are we doing in Michigan?



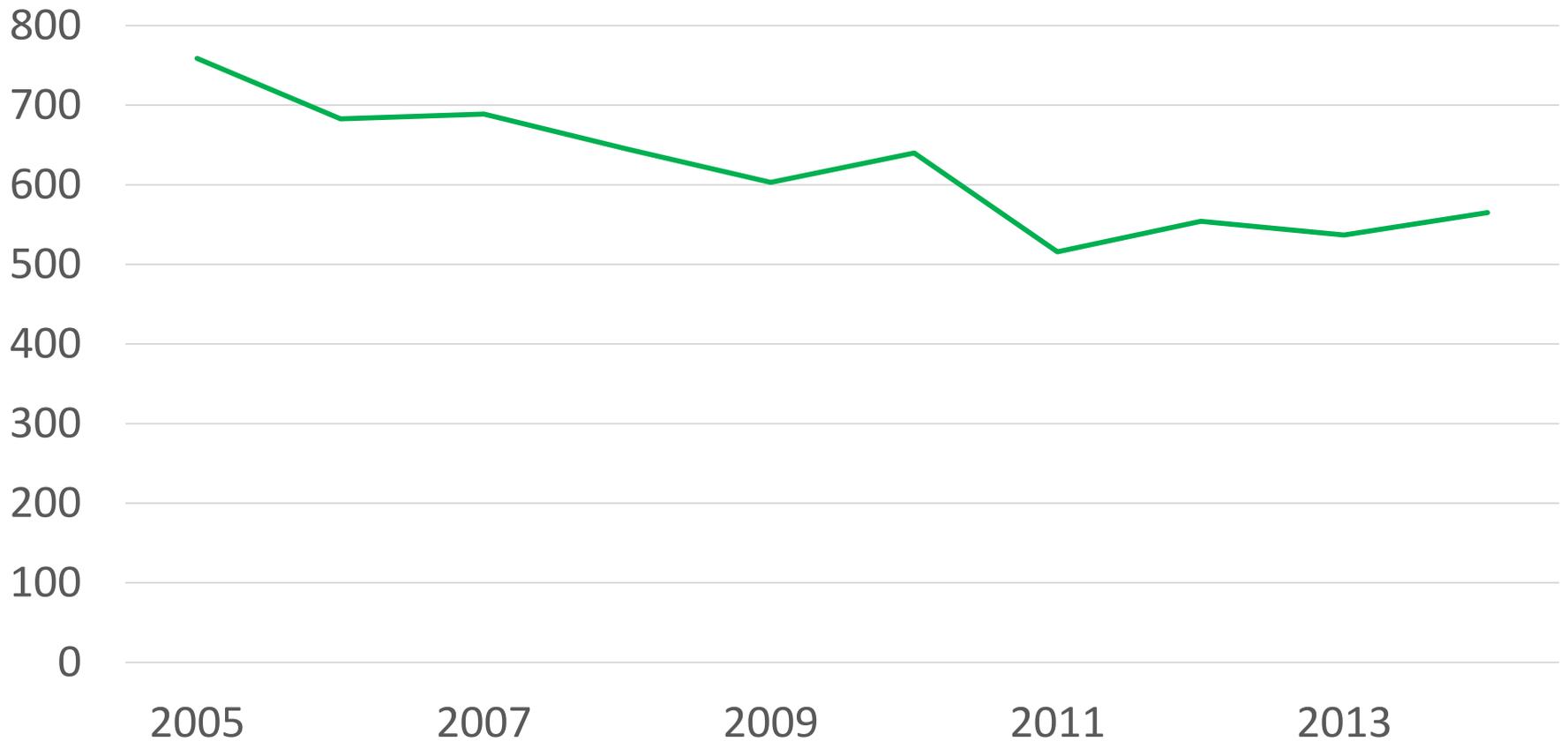
Emergency Vehicle Injury Crashes





How are we doing in Michigan?

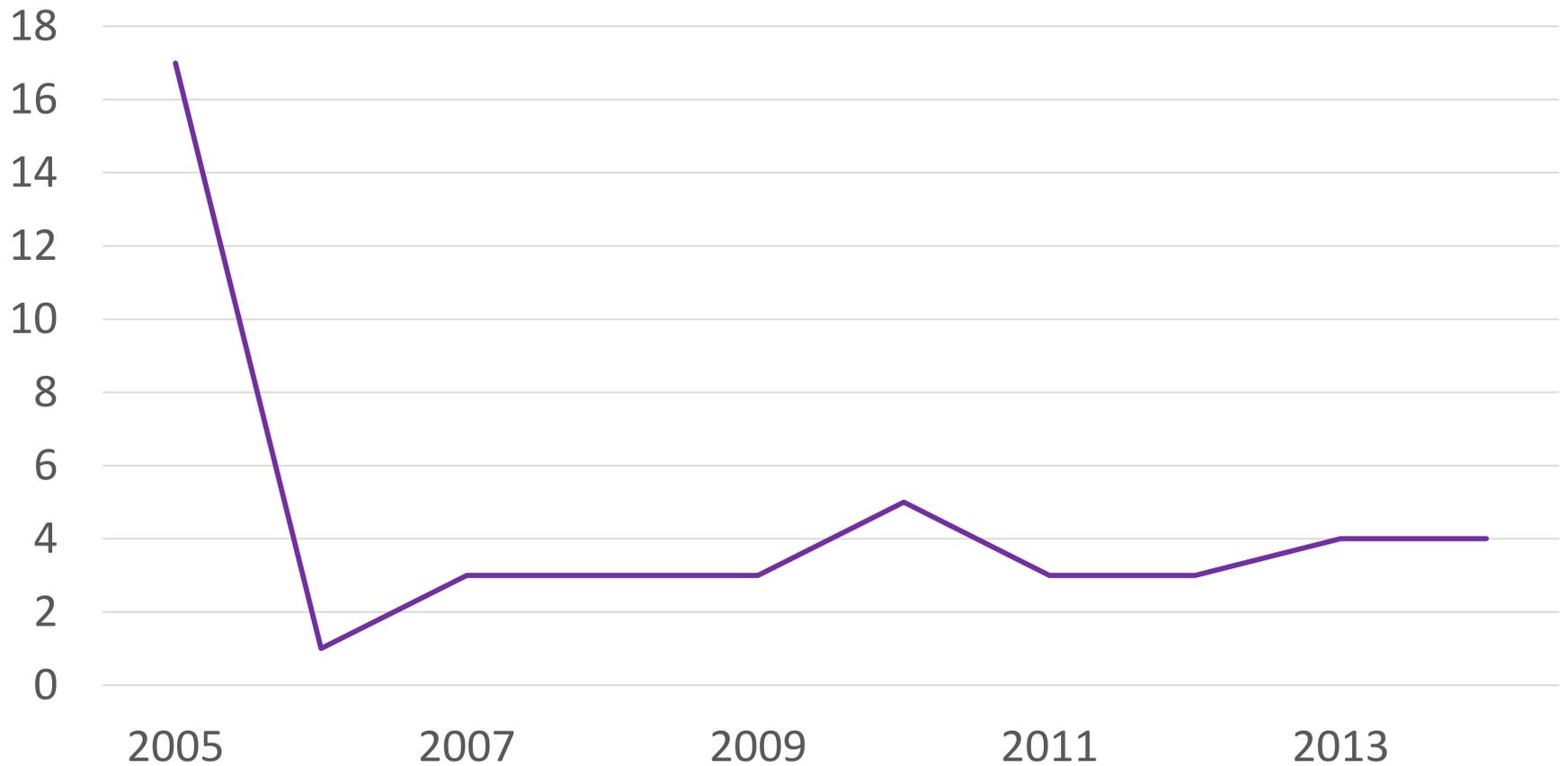
Total Number of Injuries Involving an Emergency Vehicle





How are we doing in Michigan?

Fatal Emergency Vehicle Crashes



Michigan Strategic Highway Safety Plan (SHSP)



- Formed the TIM Action Team
- Letters/ emails of interest to TIM organization & associations sent out to solicit members
- Action Plan published Sept. 2013
- About 30 active members





How are we doing?

- Michigan has a TIM Action Plan with a TIM Action Team meeting every other month of multi-disciplines. Meetings open to all.
- 7 SMART Goals for TIM
 - 2 of the 7 Goal were accomplished in 2014





TIM Action Team

- TIM Strategies
 - Promote & educate the use of high-visibility apparel for first responders
 - Coordinate traffic incident response between all responders
 - Conduct training in TIM for all stakeholders
 - Provide public education on safe, quick clearance and vehicle removal laws





How are we doing in Michigan?

- What is the percentage of responders wearing their high visibility?
 - Overall 59%
 - Law Enforcement 55%
 - Fire 56%
 - Transportation 70%
 - Towing 78%
 - EMS 72%
 - Other 60%





SMART Goals for High Visibility

- Increase compliance with high-visibility apparel requirements through education for all ‘workers’ at a traffic incident from 59% to 75% by December 31, 2014.
- Increase compliance with high-visibility apparel requirements through education for all ‘workers’ at a traffic incident to 100% by December 31, 2016.



Strategic Highway Research Program



- Authorized by Congress to address some of the most pressing needs related to the nation's highway system
- Research areas: **Safety**, Renewal, **Reliability**, Capacity
- Administered by Transportation Research Board (TRB):
 - Federal Highway Administration (FHWA)
 - America Association of State Highway and Trans Officials (AASHTO)
- FHWA is lead on implementation of the TIM Training

SHRP2 : National Traffic Incident Management Responder Course



- **Objectives:**

- Improved responder safety
- Improved reliability (reduced incident duration)
- Improved motorist safety (reduced secondary crashes)

- **Approach:**

- Researched core competencies
- **All disciplines participated every step**
- Development of multi-disciplinary training program for all responder stakeholders
- Cross-training in TIM core competencies





Mi-TIME

- Program for the SHRP2TIM National training is:
 - Michigan Traffic Incident Management Effort (Mi-TIME)



Audience

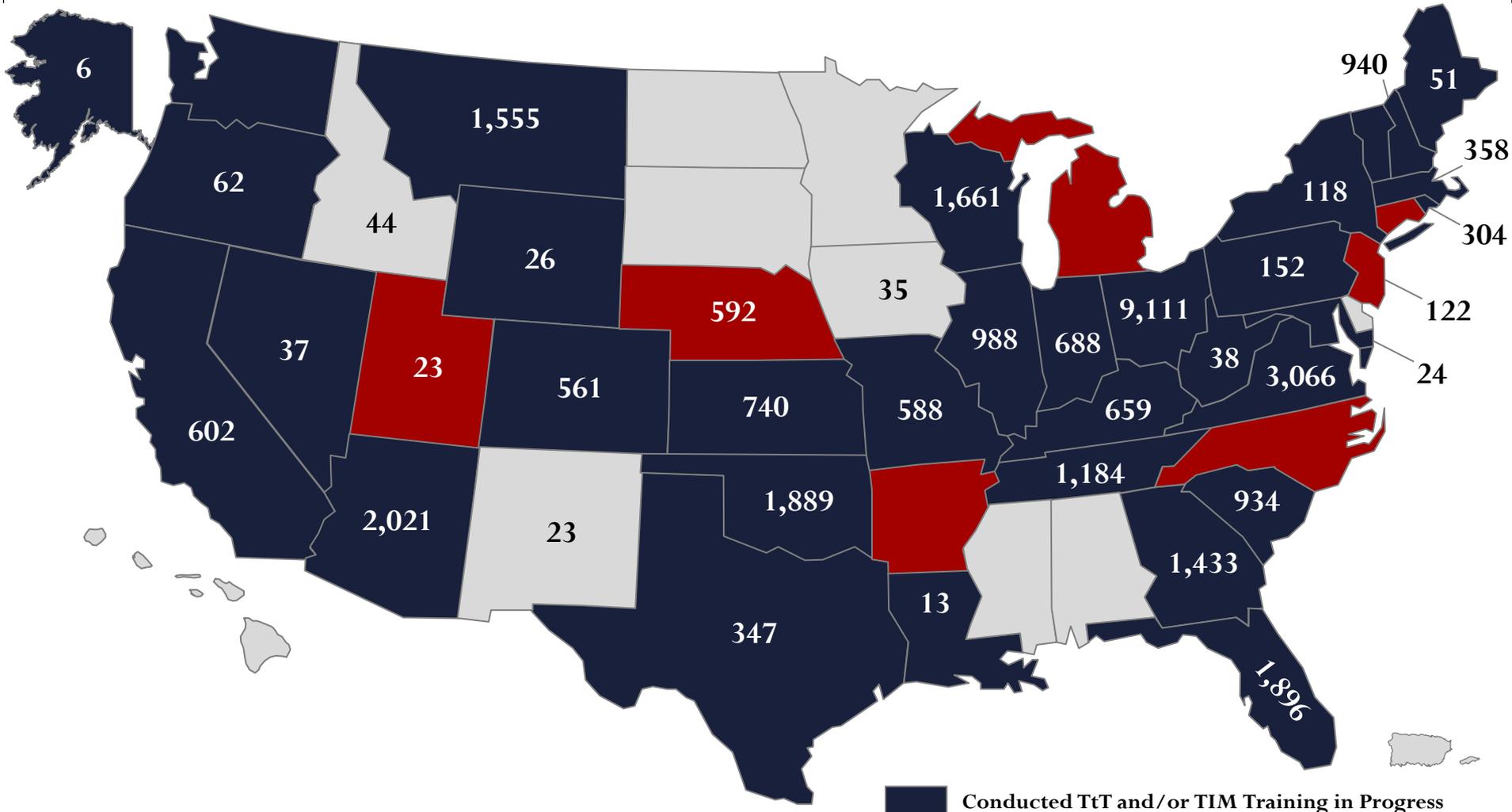


- Law Enforcement officers
- Fire and Rescue personnel
- Transportation professionals
- Public works
- Emergency medical services
- Towing and recovery
- Hazmat responders
- Medical examiner
- Dispatcher/PSAPS
- Miscellaneous responders



National TIM Responder Training Program Implementation Progress

- As of February 28, 2014



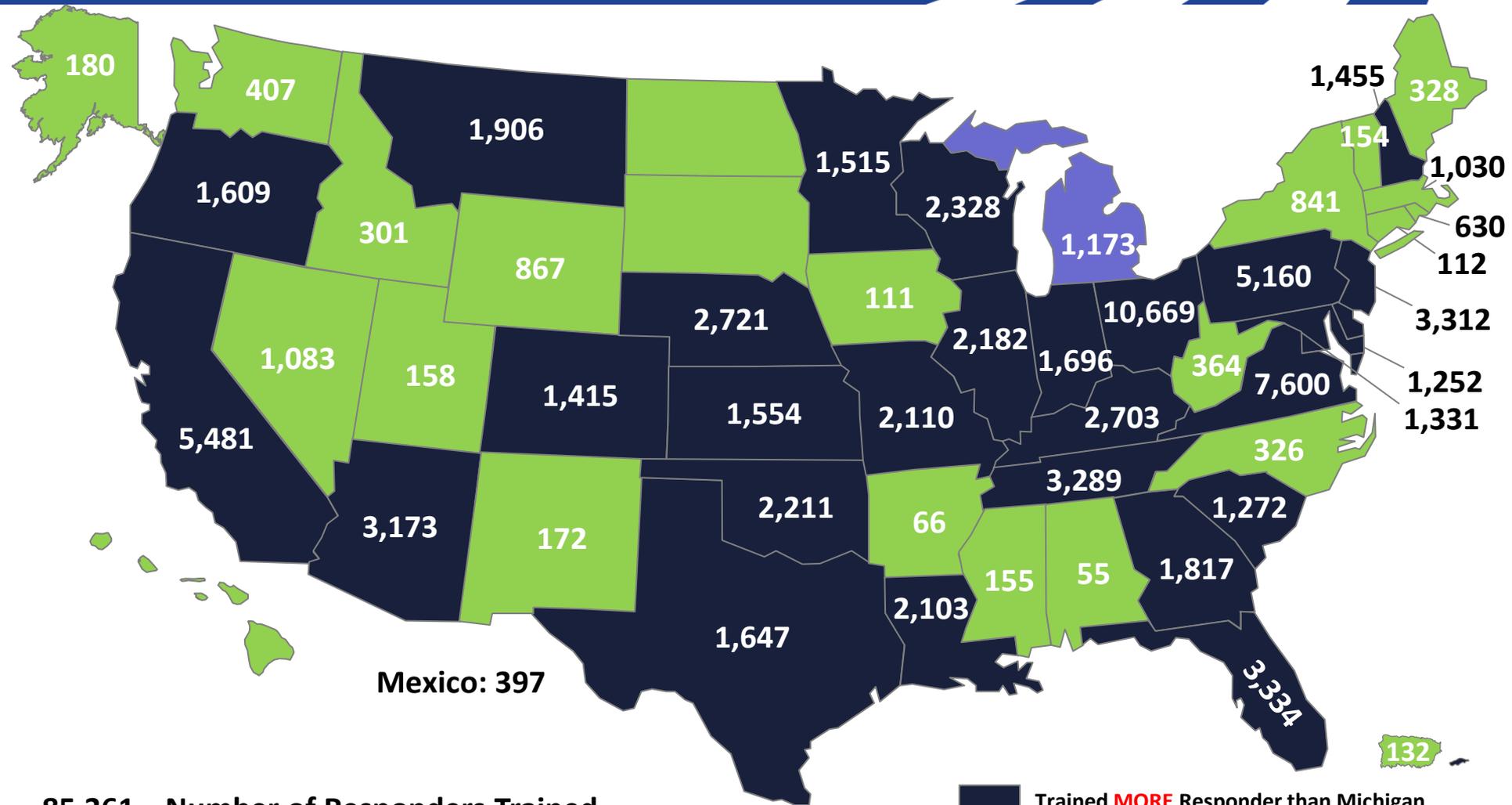
32,891 Number of Responders Trained
(Not Including TtT Session Participants)

- Conducted TtT and/or TIM Training in Progress
- TtT Session Planned
- No TtT Scheduled To Date

TIM Training Program Implementation Progress

Responder Training

- As of February 23, 2015



85,361 Number of Responders Trained
(Not Including TtT Session Participants)

Trained **MORE** Responder than Michigan
 Trained **LESS** Responder than Michigan



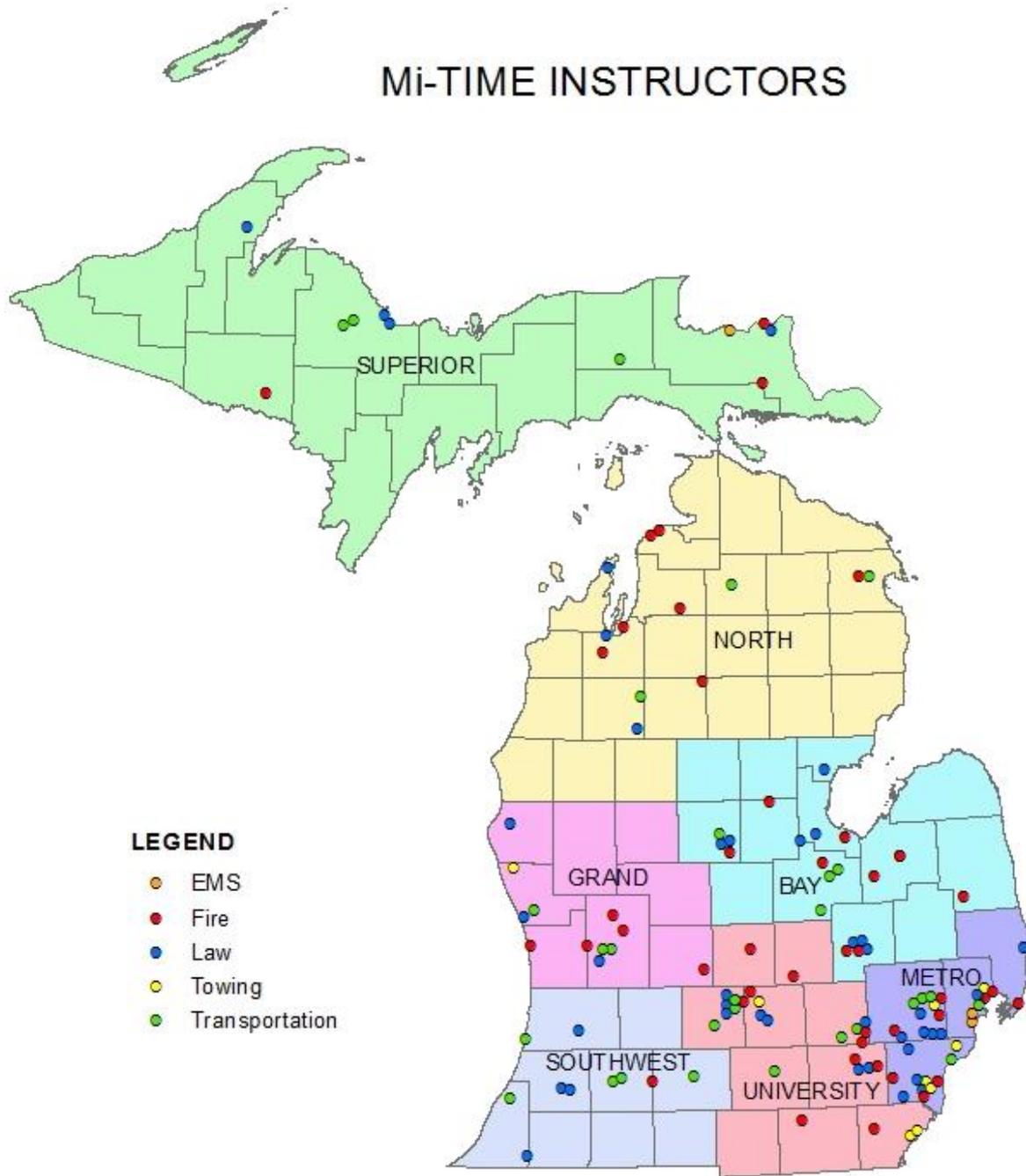
SMART Goals for Michigan

- ✓ Implement the SHRP 2 TIM Train the Trainer (TtT) program in Michigan and have 120 trainers trained by December 31, 2014.
 - ✓ Michigan has 128 instructors
- Implement the SHRP 2 TIM TtT program in Michigan and have 1,500 first responders trained by December 31, 2016.
 - 1,173 first responders trained (as of 3/9/15)

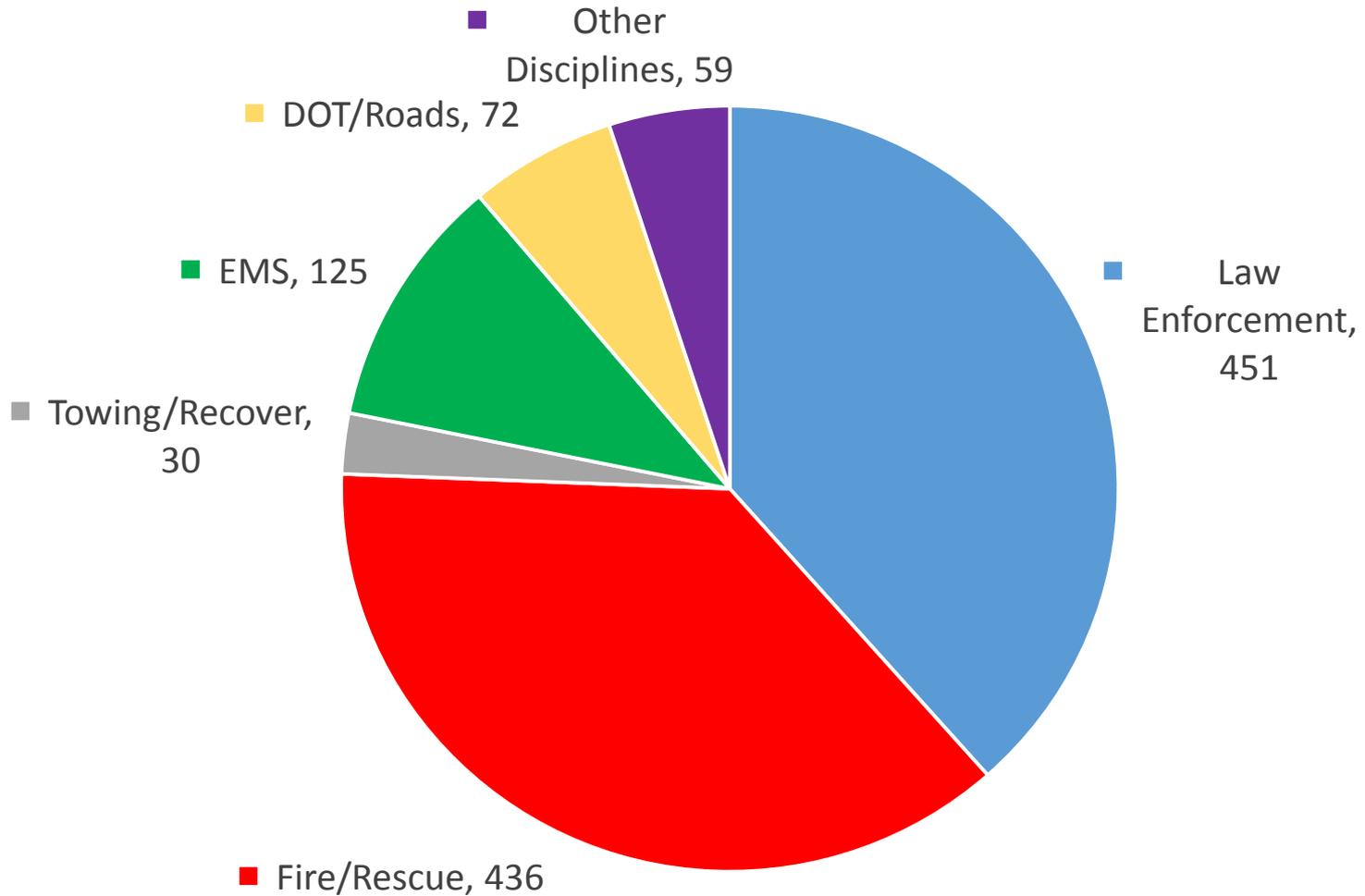




Mi-TIME INSTRUCTORS



Michigan First Responders Trained Total 1,173





SMART Goals for Michigan

- Through a targeted public education campaign, increase awareness of the Steer It, Clear It Law among the public from 13% to 50 % percent by September 30, 2016.
 - Many activities have been done to increase the awareness such as Captain ClearIt a mascot for the campaign, social media, brochures and more.
- Pass legislation for the Hold Harmless law through agencies and association support during this legation period by December 31, 2014.
 - ✓ Law passed Oct. 14, 2014 and is in effect Jan. 7, 2015



Public Mi-TIME Website: www.michigan.gov/mi-timesafe



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Roads and Travel [MDOT > ROADS AND TRAVEL > SAFETY](#)

🔍

M-116 leads to the historic Big Sable Point Lighthouse.

- Mi Drive
- Bicycling
- Ridesharing
- Safety
- Mi Commute
- Courtesy Patrol
- ITS Traffic Centers
- Rail and Public Transit
- Bridges, Borders and Ferries
- News and Information
- Projects and Programs
- Maps and Publications
- About MDOT
- Doing Business
- Aeronautics

Michigan Traffic Incident Management Effort (Mi-TIME)

Michigan's Traffic Incident Management Effort (Mi-TIME) is a partnership between agencies, including MDOT, state and local law enforcement, fire, EMS, and towing services, to work together to safely and efficiently clear traffic incidents from Michigan's highways.

Traffic Incident Management (TIM) is important for maintaining safe, effective travel, as well as minimizing economic impacts due to delays and congestion. Mi TIME responder training provides the responder community with TIM standards and good practices, with the overall purpose of enhancing quick clearance efforts and improving responder and motorist safety.

Request Training

- Mi Drive
- Bicycling
- Ridesharing
- Safety
- Mi Commute
- Courtesy Patrol
- ITS Traffic Centers
- Rail and Public Transit
- Bridges, Borders and Ferries
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Resources and Meeting Information

- Michigan TIM Action Plan [PDF](#)
- TIM Action Team
- FHWA Traffic Incident Management
- Mi-TIME/SHRP2 National TIM Responder Training
- Traffic Incident Management Video
- **Meeting Minutes**
- 04-01-2013 - Action Team Mtg Minutes [PDF](#)
- 02-06-2014 - Action Team Mtg Minutes [PDF](#)
- 12-04-2013 - Action Team Mtg Minutes [PDF](#)

Sign up for email from MDOT!

AUGUST 2014

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

CLICK TO VIEW PAST AND FUTURE EVENTS

Public Mi-TIME Website: Calendar



Action Team Meeting Calendar

◀◀ 2014 FEBRUARY ◀ MARCH 2015 ▶ APRIL ▶▶ 2016 MONTH YEAR						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5 Mi-TIME Training	6 SE Michigan TIM Partnering Workshop	7
8	9	10 Mi-TIME Training	11	12 Mi-TIME Training Mi-TIME Training	13	14
15	16	17	18	19 Mi-TIME Training	20	21
22 Mi-TIME Training	23	24	25	26	27	28
29	30	31 Mi-TIME Training	1	2	3	4
5	6	7	8	9	10	11

Mi-TIME Training
Date: March 05, 2015
Time: 06:00 PM - 10:00 PM
Description: Mi-TIME Training

SE Michigan TIM Partnering Workshop
Date: March 06, 2015
Time: 08:00 AM - 01:00 PM
Description: SE Michigan TIM Partnering Workshop

Mi-TIME Training
Date: March 10, 2015
Time: 08:00 AM - 12:00 PM
Description: Mi-TIME Training

Mi-TIME Training
Date: March 12, 2015
Time: 01:00 PM - 05:00 PM
Description: Mi-TIME Training

Mi-TIME Training
Date: March 12, 2015
Time: 06:00 PM - 10:00 PM
Description: Mi-TIME Training

Mi-TIME Training
Date: March 19, 2015
Time: 08:00 AM - 12:00 PM
Description: Mi-TIME Training

Mi-TIME Training
Date: March 23, 2015
Time: 12:30 PM - 04:30 PM
Description: Mi-TIME Training

Mi-TIME Training
Date: March 31, 2015
Time: 06:00 PM - 10:00 PM
Description: Mi-TIME Training

Public Mi-TIME Website: Request Training



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Aeronautics

eConstruction Tablet

MDOT Training

Ellen Martin

Practice Area

sarkas

DBE

Every Day Counts

Social Media Bar Test

Sign up for email from MDOT!

MDOT > MDOT TRAINING > SARKAS

Mi-Time Training

Request Mi-TIME Training

Training Region *	[Select Training Region...]
Name: *	<input style="width: 90%;" type="text"/>
Organization:	<input style="width: 90%;" type="text"/>
Address:	<input style="width: 90%;" type="text"/>
City:	<input style="width: 90%;" type="text"/>
State:	<input style="width: 90%;" type="text"/>
Zip Code:	<input style="width: 90%;" type="text"/>
Requested Training Date (s):	<input style="width: 90%;" type="text"/>
Requested Training Time (s):	<input style="width: 90%;" type="text"/>
Estimated number of participants:	<input style="width: 90%;" type="text"/>
Phone: *	<input style="width: 90%;" type="text"/>
Email: *	<input style="width: 90%;" type="text"/>
Message: *	<input style="width: 90%; height: 20px;" type="text"/>

Angie Kremer
 Traffic Incident Management Engineer
 Michigan Department of Transportation
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 Lansing, MI 48917
 517-636-0247
KremerA@michigan.gov

* Required

* Spam Block: [\(What's this?\)](#) Add two plus four and type the answer here:

Requested Training Date(s):
 Select dates that are 4-6 weeks in advance of completing the training request form. We understand the need to be flexible and try to accommodate evening and weekend training dates if necessary.

Requested Training Time(s):
 The course is a minimum of 4 hours in duration, please select a 4 hour block of time for the training date(s). We can work with you on breaking the training into 2 sessions.

Estimated number of participants:
 The minimum number of participants for a 4 hour session is 15 and the maximum number is 50. The training is required to be multi-discipline. This means the training session cannot be all firefighters, all police officers, etc. It is very important to have at least two disciplines at the training for it to be successful, but don't stop at two- the more diversity the better. Remember to invite anyone who has a role in managing traffic incidents. For example: Fire, Police, EMS, Towing and recovery, Medical Examiner/Investigators, Public Works, Public Health, Dispatch and Communications, Department of Transportation, Emergency Management, etc.

Challenge Coins



NORTHWEST TERRITORIAL MINT

Medallions - Medals - Coins - ChallengeCoins

PROJECT/ CLIENT: Michigan DOT

IMPORT

JOB QD6248

SALES Marty Colwell

ARTIST AW

DATE 05/27/14

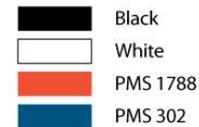
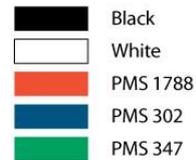
PROOF V2

METAL Brass

FINISH Antique

SIZE 1.75"

QTY 500





Mi-TIME – Train the Trainer

- One more in 2015 with National Master Trainers
 - Taking application now!!
- What we are looking for
 - Has experience training
 - Commitment to the program – At least 16 hours of instruction/ 12 month period with a 2 year commitment
 - Management/supervisor concurrence
 - Trainer has to believe in the Open Roads Philosophy





Questions?



Angie Kremer, P.E.

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