

Michigan's Truck Safety Commission

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CMV Safety Research Summit

Northampton, Massachusetts

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Who we are

- Unique in the country
- Established by Public Act 348 of 1988.*
- Charge to the Commission:

“The commission shall promote truck safety through truck driver safety education programs, research and demonstration projects, truck safety enforcement efforts, and other methods it deems appropriate with the state.”

* http://www.michigan.gov/msp/0,4643,7-123-1579_1665-13693--,00.html

Who we are

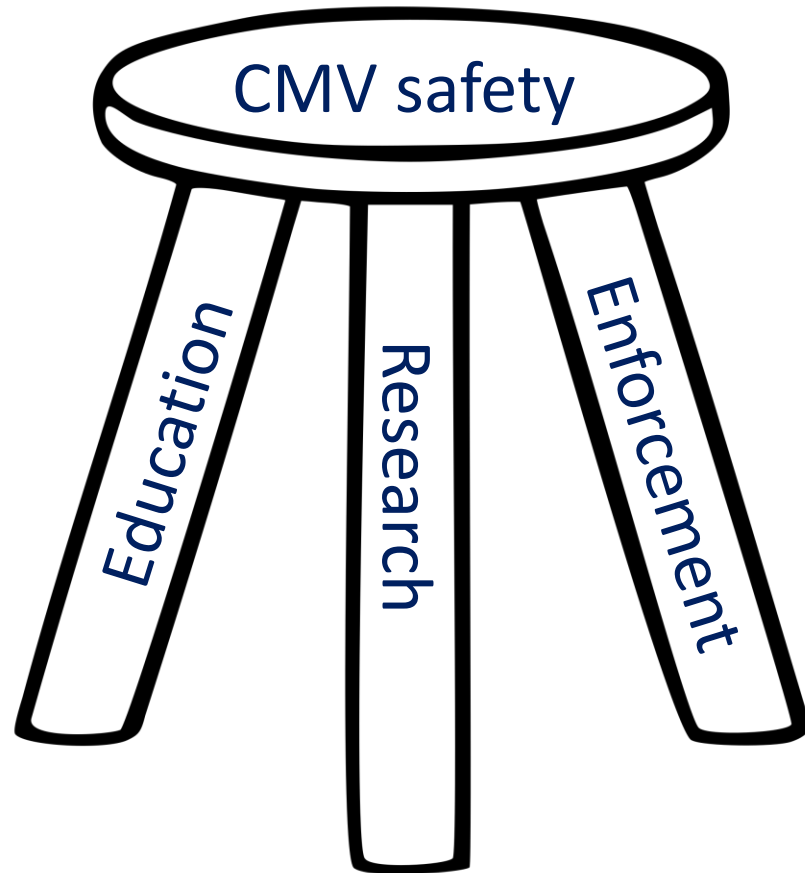
- Enabling act established a Truck Safety Fund to support the activities.
- Funded by fees from truck registrations and uniform carrier registrations.
- About \$2.4 million annually in revenue, though varies significantly.
- Administered by Office of Highway Safety Planning, within MSP

Membership

- 11-member commission, appointed by the Governor & approved by State Senate.
- Members represent:
 - For-hire motor carriers
 - Michigan Trucking Association
 - Organized labor
 - 4-year colleges & universities
 - 2-year community colleges
 - General public (2 members)
 - Secretary of State
 - Department of State Police
 - Transportation Commission
 - Office of Highway Safety Planning

MTSC Programs

- Education
 - At least \$1 million
- Enforcement
 - At least \$750,000
- Research
 - Remaining funds





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Education

- **Al Newell, Project Director**
- **Chuck Simmons, Safety Specialist**



Providing education and training for Michigan's transportation industries and general safety information to the motoring public

MCTS Programs

- NSC Defensive Driving Course for the Professional Truck Driver
- Driver Performance Measurement (DPM)
- Mobile Truck Driving Simulator
- Cargo Securement
- Safety Management Training
- Literature, Brochures, **TRUCK DRIVERS GUIDEBOOK**
- *Seminars, Workshops & Meetings
- *Driver CMV Inspection DVD-Classroom
- *Fatigue Management (*currently in re-development*)
- *Truck Smart Safety Messages
- Heavy truck skid pad for recovery maneuvers



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for TRUCK SAFETY

Mobile Simulator Training



The Center's Mobile Truck Simulator offers training to commercial drivers ranging from very specific collision avoidance techniques all the way to basic hazard perception methods. Simulators offer a controlled, risk-free environment in which virtually any scenario can be recreated and practiced.

Training courses are offered at no cost to Michigan companies and drivers.

- Circles of influence (decision making, hazard perception)
- Adverse conditions (bad weather, low visibility)
- Emergency maneuvers (vehicle control, collision avoidance)
- Space management (following distance, space cushion)
- Speed management (vehicle handling, stopping distance)

Impact

- 600 drivers trained in the simulator.
- 2,500 drivers in training & outreach seminars.
- 320 drivers in National Safety Council training course.
- 18,000 copies of Truck Drivers Guidebook distributed.
- Thousands of calls fielded from truck drivers & trucking companies.
- <http://www.truckingsafety.org/>

Enforcement

Commercial Vehicle
Enforcement Division
Capt. Michael Krumm

- Mission: Provide the highest quality commercial vehicle enforcement and public safety services throughout Michigan.



UMTRI

MTSC
MICHIGAN TRUCK
SAFETY COMMISSION

CVED Programs supported

- Special Transportation Enforcement Teams (STET) focused on driver & vehicle violations in high-risk areas, 14,000 patrol hours.
- Support for Drive to Zero/Drive to Save Lives, 3,600 patrol hours.
- TACT (Ticketing Aggressive Cars and Trucks) Pilot program.
- Enforcement equipment:
 - 80 digital in-car cameras.
 - 30 new radar speed detection units
- Purchase and deploy CVIEW Plus technology to access & organize state & federal motor carrier data.
- Purchase and deploy InSPECT technology for roadside inspections.
- Support for training new MCOs.

Impact

- 11,377 STET-related vehicle stops.
- 7,678 safety inspections.
- 7,402 total citations written, including 2,089 for speeding & 855 for safety belt usage.

CVED has been recognized by the Federal Motor Carrier Safety Administration for having a very low CMV fatality rate.

- In 2012 the National fatality rate average was 0.14
- Michigan's rate was 0.09
- Accomplished with 108 MCO's

Midwest States:

- Ohio 0.14
- Indiana 0.15
- Illinois 0.13
- Kentucky 0.18
- Wisconsin 0.12



Research

- Survey of truck driver training needs.
- Observational survey of CMV safety belt use.
- Evaluation of MSP TACT program.
- Evaluation of MCTS driver training programs.
- Development of strategies to reduce CMV crashes in Michigan.
- Comparison of safety issues for medium- and heavy-duty trucks in Michigan.
- Et cetera.

Impact

- Research program:
 - Identifies CMV safety issues in Michigan.
 - Evaluates effectiveness of CMV safety programs in Michigan.
 - Generates basic data for safety research.
 - Used to develop CMV strategic plan in Michigan
- CMV strategic plan feeds the Governor's Strategic Highway Safety Plan

Thank you!

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<http://www.truckingsafety.org/>

<http://www.michigan.gov/msp>