



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LABOR AND ECONOMIC OPPORTUNITY  
MICHIGAN OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION  
BARTON G. PICKELMAN, CIH  
DIRECTOR

SUSAN CORBIN  
DIRECTOR

March 3, 2023

**Senator Mary Cavanagh, Chair**  
Senate Appropriations Subcommittee on LEO/MEDC

**Senator Mallory McMorrow, Chair**  
Senate Committee on Economic and Community Development

**Senator John Cherry, Chair**  
Senate Committee on Labor

**Representative Jason Hoskins, Chair**  
House Committee on Economic Development and Small Business

**Representative William Snyder, Chair**  
House Appropriations Subcommittee on Labor and Economic Opportunity

**Representative Jim Haadsma, Chair**  
House Committee on Labor

Dear Members of the Legislature:

The enclosed report is submitted as required by Section 55(7) of the Michigan Occupational Safety and Health (MIOSH) Act, Act 154 of the Public Acts of 1974, as amended.

The report covers information on the amount of the Safety Education and Training (SET) assessment, the percentage of the assessment compared to workers' disability compensation losses, an explanation of all expenditures, the balance remaining in the SET fund, and a projection of assessment needs.

The report also provides a brief summary of MIOSHA education and training activities. Continued participation in these activities by Michigan employers and employees and their positive evaluations are testimony to the high-quality services provided by this program. These activities underscore the state's commitment to safety and more healthful workplaces in Michigan.

Sincerely,

Barton G. Pickelman, CIH  
MIOSHA Director

Cc: Governor Whitmer  
Susan Corbin, Director  
Sean Egan, Deputy Director

REPORT ON THE STATUS OF  
THE SAFETY EDUCATION AND TRAINING ASSESSMENT

as required by

1974 PA 154 SECTION 55(7) AS AMENDED BY 1991 PA 105

FISCAL YEAR ENDING SEPTEMBER 30, 2022

**REPORT ON THE STATUS OF  
THE SAFETY EDUCATION AND TRAINING ASSESSMENT**

**FISCAL YEAR (FY) 2022**

This report is submitted as required by Section 55(7) of the Michigan Occupational Safety and Health (MIOOSH) Act, Act 154 of the Public Acts of 1974, as amended. Section 55(7) of the Act provides:

"To enable full and complete legislative review of the assessment process, the department of labor, not later than September 30 of each year, shall submit to the regulatory subcommittees of the house and senate appropriations committees and the house and senate committees that consider labor matters a written report on the status of the safety education and training assessment required by this section. The report shall include, but is not limited to, information on the amount of assessment, the percentage of assessment as compared to losses, an explanation of all expenditures from the safety education and training fund, and the balance of money in the safety education and training fund."

**1. AMOUNT OF ASSESSMENT**

During FY 2022 (October 1, 2021, through September 30, 2022), the amount of the Safety Education and Training (SET) assessment was \$11,576,094. This amount was 2.95 percent of the total workers' disability compensation losses, excluding medical payments, paid in 2021 by employers under the Workers' Disability Compensation Act of 1969, Act 317 of Public Acts of 1969, as amended, being sections 418.101 to 418.941 of the Michigan Compiled Laws. As shown in Table 1, for the FY period ending on September 30, 2022, a total of \$8,996,850 of the SET assessment had been collected as of December 1, 2022, from the \$11,576,094 assessment for the FY. As explained under Item 2 of this report for FY 2022, a total assessment of \$2,940,000 (Table 1) is projected.

The total SET Fund available revenue for FY 2022, was \$19,875,512 (Table 4). The total available revenue includes the beginning fund balance of \$10,811,963 (Table 4) and \$9,063,549 (Table 4) in revenues, which includes the net collection from the SET assessment, interest, and other miscellaneous. Pursuant to Section 36(3), no civil penalties are credited to the SET Fund.

## **2. PERCENTAGE OF ASSESSMENT COMPARED TO LOSSES**

In FY 2022, the total workers' disability compensation losses, excluding medical payments, were \$392,180,445 (Table 1). The SET assessment compared to these losses was 2.29 percent or \$11,576,094 of which \$8,996,850 (Table 1) has been collected as of December 1, 2022. This amounts to 77.7 percent of the SET appropriation for FY 2022.

Assuming that the workers' disability compensation losses in 2023 will be about the same as 2022, the assessment for FY 2022 as a percentage of losses is estimated to be 0.75 percent. The SET Fund balance as of October 1, 2022, is \$10,811,963 (Table 1). The SET Fund balance is explained under Item 4 of this report.

The total estimated SET Fund expenditures for FY 2023 is \$11,689,600.00 as shown in Table 5. Based on estimated monthly expenditures, the balance in the SET Fund is expected to be less than \$1,500,000 during the third quarter of FY 2023. This condition will trigger the requirement under Section 55(4) of Act 154 of 1974, as amended; namely that "the assessment shall equal the total fiscal year appropriation of safety education and training funds" if the fund balance falls below \$1,500,000 at any time during the fiscal year in which the assessment is made. An assessment at 100 percent of the SET Fund appropriation would be greater than 0.75 percent of losses, assuming that the 2023 losses are about the same as in 2022.

## **3. EXPLANATION OF SET FUND EXPENDITURES**

During FY 2022, SET restricted fund expenditures totaled \$10,759,983 (Table 4). Major expenditures of the SET restricted fund for FY 2022 included \$10,120,431 (Table 3) for MIOSHA consultation, education, and training programs and subgrants. Further details are provided in Table 3.

## **4. SET FUND BALANCE**

As of September 30, 2022, the SET Fund balance was \$10,811,963 (Table 1). As of October 1, 2022, the FY 2021 SET Fund revenue total was \$8,996,850 (Table 1). This FY revenue added to the beginning balance provided available revenue of \$19,875,512 (Table 4) for FY 2022.

Taking away FY 2022 SET Fund expenditures of \$10,759,983 (Table 4) leaves a SET Fund balance of \$9,115,529 at the beginning of FY 2023. Details are shown in Table 4. This balance will not be sufficient to cover the projected SET Fund expenditure of \$11,689,600

during FY 2023 as shown in Table 5. The implication of this insufficient balance on the SET assessment rate is explained under Item 2 of this report.

## **5. CONSULTATION EDUCATION AND TRAINING (CET) ACTIVITY**

**SUMMARY** The following are highlights of the MIOSHA CET Division activities during FY 2022:

### **MIOSHA Training Institute (MTI)**

In FY 2008, MIOSHA implemented a new safety and health training/certificate program. The mission of the MTI is to provide access to consistent, credible, and interactive learning that improves and promotes workplace safety and health for public and private entities that utilizes experiences, new technologies, and best practices that will lead to certificate programs and degrees. Participants can receive:

- Level One certification in two tracks:
  - General Industry Safety and Health
  - Construction Safety and Health
- Level Two certification in three tracks:
  - Safety and Health Management System (both general industry and construction)
  - MIOSHA Compliance for General Industry and Construction
  - MIOSHA Occupational Health

In FY 2022, CET continued to provide MTI outreach by distributing printed seminar brochures and while participating at expositions, meetings, and conferences. Activities include:

- Continued to provide MTI outreach by distributing printed seminar brochures.
- Continued to conduct MTI outreach while participating at expositions, meetings, and conferences.
- Routinely communicated with MIOSHA stakeholders through GovDelivery, MIOSHA News and eNews, Facebook, and Twitter announcements to keep stakeholders aware of the MTI offerings.
- Two Level One boot camps and two Level Two boot camps were held for a total of four Boot Camps in FY 2022

Since its inception, more than 33,845 participants have been trained. At the conclusion of FY 2022, 87 MTI students had earned Level One certificates for General Industry and Construction; 36 students had earned Level Two Compliance for Safety and Health Management Systems certificates; and Level Two Construction and 7 students had earned Occupational Health certificates for a total of 130 MTI certificate holders.

For FY 2022, 142 MTI seminar trainings were scheduled. Attendance was 1,189 participants. 40 virtual trainings were held, 71 in-person trainings were held, and 31 trainings were cancelled due to low enrollment.

### **CET Initiatives**

During FY 2022, CET promoted the following initiatives related to significant changes in MIOSHA standards or emerging safety and health issues:

- Silica
- COVID-19
- Heat Illness

### **Michigan Voluntary Protection Program (MVPP) / Michigan Voluntary Protection Program for Construction (MVPPC)**

The MVPP assists employers and employees by providing a mechanism and a set of criteria designed to evaluate and recognize exemplary safety and health management systems. In FY 2022, there was total of 24 MVPP Star sites and one MVPP Rising Star site.

### **Michigan Safety and Health Achievement Recognition Program (MSHARP)**

The MSHARP provides support to smaller, high-hazard industry employers to develop, implement and continuously improve the effectiveness of their workplace safety and health programs. In FY 2022, there were six MSHARP companies. In FY 2022, one MSHARP participant withdrew. There was one new MSHARP participant in FY 2022.

### **Partnerships and Alliances**

CET is the lead division for the **MIOSHA/UAW/Ford Partnership**. In 2020, Ford Motor Company, the United Auto Workers International Union (UAW), and MIOSHA renewed a partnership to improve worker safety and health in Ford facilities in Michigan. These partnerships were designed to share information and resources and to allow all parties to work together to address workplace safety and health issues in a focused, efficient, and effective manner.

The MIOSHA/Ford/UAW partnership continued MIOSHA Day visits in 2022. The MIOSHA Day visits completed in FY 2022 were:

- River Rouge Complex-March 29-April 30, 2022
- Dearborn Diversified Manufacturing Plant-March 29, 2022
- Dearborn Stamping-March 29, 2022
- Dearborn Engine-March 29-30, 2022
- Dearborn Tool and Die-March 29-30, 2022

- Dearborn Truck-April 30, 2022
- Woodhaven Stamping and Forging Plants-May 25, 2022
- Ford Proving Grounds-August 17, 2022

### **Michigan Industrial Ventilation Conference**

The 70<sup>th</sup> annual Michigan Industrial Ventilation Conference (MIVC), was held during the week of February 7-10, 2022, at the Kellogg Hotel and Conference Center in East Lansing, Michigan. MIVC remains a primary resource for those interested in learning about the design, operation, maintenance, and troubleshooting of industrial ventilation systems. The conference continues to offer its three original multi-day course tracks on the design of industrial ventilation systems, plus two additional multi-day course tracks addressing industrial ventilation and three optional, one-day workshops on specific aspects associated with industrial ventilation system design and operation. MIOSHA and the MIVC signed an alliance agreement on February 10, 2022.

### **Video Library and Streaming Video Service**

MIOSHA maintains a free DVD loan service and video streaming service for use by Michigan employers and employees. The only charge to Michigan employers or employees is the cost of returning the borrowed items. Over 250 safety and health DVDs are available. In FY 2022, 124 DVDs were loaned out and 20,798 videos were streamed by employers.

### **CET Grant Program**

The CET Grant Program strives to protect Michigan's working men and women by providing workplace safety and health training and services for employers and employees not receiving services through the traditional CET programs. In FY 2022, MIOSHA awarded 19 CET grants to non-profit groups to enhance safety and health training and to support worker safety and health across the state. The grants require a minimum 10% match from the training entities. The MIOSHA CET Grant Program provides additional options for safety and health education and training to employers and employees. The grants focus on the performance goals identified in the MIOSHA Strategic Plan, with a particular emphasis on hazard recognition and prevention for high hazard industries. The CET Grant Program is designed to:

- Increase the number of employers and employees receiving occupational safety and health education, training, and prevention services, especially employers with less than 100 employees.
- Encourage the development of new strategies for providing occupational safety and health education, training, and prevention services.
- Encourage new providers of occupational safety and health education, training, and prevention services for Michigan businesses.
- Evaluate the effectiveness of those alternative strategies and providers.

The awarded projects include a wide range of training activities and proficiency levels, some of which include: crane rigging and signaling; silica safety; masonry; confined space entry; ergonomics; tree trimming and chainsaw safety; workplace violence prevention; emergency action plans; hazard communication; lockout/tagout; machine guarding; noise exposure; electrical hazard awareness; personal protective equipment; aerial lift rescue; emergency evacuation; safety and health management systems; hazard communication; youth safety; and powered industrial trucks.

In FY 2022, grants awarded totaled \$870,000.

### **MIOSHA Workplace Improvement to Safety and Health (MIWISH) Grant Program**

MIOSHA continued the MIWISH matching grant program in FY 2022. The grant program is used to create a safer and healthier work environment and reduce the risk of injury and illness to workers in Michigan. The grants were offered to small employers to purchase safety and health-related equipment and equipment-related training. Preference was given to employers in high hazard industries identified in MIOSHA's 2019-2023 Strategic Plan.

MIOSHA awarded 59 MIWISH grants in FY 2022 totaling \$232,042. Including the employer's \$747,560 in matching funds, a total of \$979,602 was invested in the health and safety of Michigan workers.

### **Outreach**

MIOSHA has three GovDelivery lists: CET GovDelivery with 23,329 subscribers, MTI GovDelivery with 16,767 subscribers, and Standards GovDelivery with 16,822 subscribers.

The CET Division maintains a webpage and social media accounts and has:

- 3,566 Facebook friends
- 2,959 Twitter followers
- 351 YouTube subscribers
- 35,115 webpage views

MIOSHA held six Coffee with MIOSHA (CWM) events in FY 2022 to invite businesses and employees to have a cup of coffee and meet MIOSHA staff to learn about training opportunities and other resources MIOSHA has to offer.

The Coffee with MIOSHA events held were:

- Michigan Safety Conference - December 15, 2021 - 109 attendees
- UP Safety Council – January 25, 2022 – 22 attendees
- Lawrence Technological University – February 8, 2022 – 55 attendees



- Alpena Community College – March 8, 2022 – 20 attendees
- American Society of Safety Professionals (ASSP) - Greater Detroit Chapter – May 11, 2022 – 46 attendees
- American Society of Safety Professionals (ASSP) - Greater Detroit Chapter, West Michigan Chapter and Mid-Michigan Chapter – August 23, 2022 – 49 attendees

MIOSHA conducted the 18<sup>th</sup> annual “TAKE A STAND” for Workplace Safety and Health event across the state on August 8-12, 2022. The Take a Stand Day (TASD) event is a unique opportunity for employers to bolster their workplace safety and health. MIOSHA compliance and consultation staff visit Michigan worksites to provide a day of one-on-one consultations focusing on specific hazards/areas as requested by the employer. There are no citations or fines for participating workplaces. However, participants must agree to correct all serious conditions. A letter promoting TASD was mailed to 2,944 Michigan high-hazard industries targeted by the MIOSHA Strategic Plan. These groups were the Construction Industry, Wood Product Manufacturing, Primary Metal Manufacturing, Fabricated Metal Product Manufacturing, Machinery Manufacturing Transportation Equipment Manufacturing, Support Activities for Transportation, Hospitals, and Nursing and Residential Care Facilities.

Safe + Sound Week is a nationwide event held each August that recognizes the successes of workplace health and safety programs and offers information and ideas on how to keep America's workers safe. As an added opportunity, TASD is a registered Safe + Sound Week event, allowing employers participating in TASD to be recognized for participation in Safe + Sound Week. In FY 2022, 101 employers took advantage of a TASD visit.

### **Additional Promotional Activities:**

#### **SILICA State Emphasis Program**

To reduce employee exposures to respirable crystalline silica and prevent silicosis, MIOSHA launched a Silica SEP targeting silica-generating industries in Michigan. In December 2021, MIOSHA mailed approximately 1,700 letters to construction establishments targeted for programmed inspections under the Silica SEP advising them of their targeted status and offering CET consultation services.

#### **STOP FALLS SAVE LIVES CAMPAIGN**

Construction safety consultants were available for assistance during the fifth year of MIOSHA’s Stop Falls Save Lives Campaign (fall prevention initiative). As part of the May 2-6, 2022 [National Safety Stand-Down to Prevent Falls in Construction](#), MIOSHA joined employers and employees at worksites across the state as they voluntarily stopped work on construction projects to focus their safety efforts on fall hazards and how to prevent fatal falls and injuries. In

total, MIOSHA participated in 10 safety stand-down events to engage in dialogue with more than 1,000 workers about the importance of recognizing fall hazards, such as holes or skylights; training on proper set-up and safe use of equipment; protective methods, including guardrail systems and fall protection harnesses; and company safety policies and goals.

### **WORK ZONE SAFETY**

During the 2022 Independence Day holiday weekend, the Michigan Department of Transportation and MIOSHA collaborated to bring the National Work Zone Memorial to Michigan to honor workers who have lost their lives on roadways and remind everyone about the importance of work zone safety. The National Work Zone Memorial was on display at the heavily visited Clare Rest Area from June 29 through July 5, where MIOSHA Consultation Education and Training Division staff made themselves available to visitors to answer questions and provide information on work zone safety and other MIOSHA services.

### **6. PROGRAM EFFECTIVENESS**

MIOSHA sends out comment cards to their customers to allow them to evaluate the services that are provided. The results for FY 2022 indicate:

- 99.6% (237/238) rated their overall experience with MIOSHA as useful.
- 99.6% (237/238) found staff to be knowledgeable about employee safety and health issues.
- 100.0% (229/229) indicated staff explained how to correct the safety and health hazards they identified.

The following tables provide information on SET Fund assessment status for prior years, appropriations, expenditures, and projected assessment level. Table 6 includes information on MIOSHA CET Division activities for the last fiscal year.

TABLE 1

SAFETY EDUCATION AND TRAINING FUND  
 AMOUNT OF ASSESSMENT COLLECTED  
 FY 2013 TO FY 2022, WITH FY 2023 ESTIMATES

FY	BEGINNING BALANCE	ASSESSMENT COLLECTED	WORK COMP. LOSSES	ASSESS. AS % OF WORK COMP. LOSSES
FY 2013	\$7,287,365	\$9,546,761	\$754,510,038	1.27%
FY 2014	\$6,577,259	\$9,827,102	\$699,578,421	1.40%
FY 2015	\$6,629,642	\$9,570,797	\$588,068,948	1.63%
FY 2016	\$5,883,896	\$11,072,848	\$528,706,630	2.09%
FY 2017	\$7,024,536	\$11,327,508	\$477,884,496	2.37%
FY 2018	\$8,402,904	\$11,127,248	\$458,606,912	2.43%
FY 2019	\$9,610,044	\$9,548,578	\$433,652,444	2.20%
FY 2020	\$8,976,941	\$9,497,853	\$424,721,260	2.24%
FY 2021	\$10,353,365	\$11,596,471	\$384,191,878	3.02%
FY 2022	\$10,811,963	\$8,996,850	\$392,180,445	2.29%
FY 2023 EST	*\$9,115,529	**\$2,940,000	***\$392,000,000	0.75%

\* This amount is based on LEO Administrative Services Division data as of 12/1/2022.

\*\* Calculated at 100% of FY 2023 appropriations, not to exceed .75% of FY 2022  
 Worker's Compensation losses.

\*\*\* Assumes a similar amount of Worker's Compensation losses as in FY 2022. This  
 amount was obtained from LARA Funds Administration.

TABLE 2

SAFETY EDUCATION AND TRAINING FUND  
 AMOUNT OF ASSESSMENT COMPARED TO APPROPRIATION  
 FY 2013 TO FY 2022, WITH FY 2023 ESTIMATES

FY	PRIOR FY BALANCE AS OF 9/30	SET FUND APPROPRIATION	SET ASSESSED /COLLECTED	% OF APPROP. ASSESSED	% OF LOSSES ASSESSED
FY 2013	\$7,287,365	\$10,538,600	\$9,546,761	90.6%	1.27%
FY 2014	\$6,577,259	\$10,861,500	\$9,827,102	90.5%	1.40%
FY 2015	\$6,629,642	\$11,166,000	\$9,570,797	85.7%	1.63%
FY 2016	\$5,883,896	\$10,986,800	\$11,072,848	100.8%	2.09%
FY 2017	\$7,024,536	\$11,232,400	\$11,327,508	100.8%	2.37%
FY 2018	\$8,402,904	\$11,034,700	\$11,127,248	100.8%	2.43%
FY 2019	\$9,610,044	\$11,234,000	\$9,548,578	85.0%	2.20%
FY 2020	\$8,976,941	\$11,366,900	\$9,497,853	83.6%	2.24%
FY 2021	\$10,353,365	\$11,576,200	\$11,596,471	100.2%	3.02%
FY 2022	\$10,811,963	\$11,576,094	\$8,996,850	77.7%	2.29%
FY 2023 EST	\$9,115,529	\$11,689,600	*\$2,940,000	25.2%	0.75%

\* This estimate is based on LEO Administrative Services Division data as of December 1, 2022.

TABLE 3

SAFETY EDUCATION AND TRAINING FUND RESTRICTED  
FUND EXPENDITURES FISCAL YEAR 2022\*

1. Unclassified Salaries	\$	36,700.84
2. Executive Director Programs	\$	171,206.72
3. Property Management	\$	248,890.21
4. Information Technology Services and Projects	\$	182,753.64
5. Occupational Safety and Health	\$	10,120,431.31
<b>Total</b>		<b>\$ 10,759,982.72</b>

\*Source: LEO Administrative Services Division data as of December 1, 2022

TABLE 4

SAFETY EDUCATION AND TRAINING FUND  
 RESTRICTED FUND STATUS  
 FISCAL YEAR 2022\*

1. Fund Balance September 30, 2021		\$ 10,811,963.25
2. Fiscal Year 2022 Revenue		\$ 9,063,548.67
	SET Levy	\$ 8,996,849.99
	Common Cash Earnings	\$ 19,657.81
	Freedom of Information Act Fees	\$ 47,040.87
3. Available Revenue (1 + 2)		\$ 19,875,511.92
4. Total Expenditures (Table 3)		\$ 10,759,982.72
5. Fund Balance* September 30, 2022 (3 - 4)		\$ 9,115,529.20

\*Source: LEO Administrative Services Division data as of December 1, 2022

TABLE 5

SAFETY EDUCATION AND TRAINING FUND  
RESTRICTED FUND PROJECTED  
EXPENDITURES FISCAL YEAR 2023\*

1. Unclassified Salaries	\$	76,800.00
2. Executive Direction and Operations	\$	367,000.00
3. Property Management	\$	324,900.00
4. Information Technology Services and Projects	\$	404,200.00
5. Michigan Occupational Safety and Health Administration	\$,	10,516,700.00
<b>Total</b>		<b>\$ 11,689,600.00</b>

\*Source: LEO Administrative Services Division data as of December 1, 2022

TABLE 6

MIOSHA CONSULTATION EDUCATION AND TRAINING ACTIVITIES  
FISCAL YEAR 2022

<b>Activities</b>		<b>Measures</b>
1.	Employer and Employee Safety and Health Consultations	2,157
2.	Seminars/Workshops/10-Hour Construction Courses	143
3.	Onsite Surveys	224
4.	Safety and Health Evaluations	224
5.	Pieces of Literature Distributed	14,790
6.	Safety Videos Loaned	124
	Safety Videos Streamed	20,798
7.	Total Training Sessions Conducted	818
8.	Total Employers/Employees Trained	3,794