



**Michigan  
State OSHA Annual Report (SOAR)**

**FY 2013**

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## INTRODUCTION

The State OSHA Annual Report (SOAR) for FY 2013 provides a summary of MIOSHA activities and results for the Strategic Plan, grant commitments, and other program accomplishments. The strategic goals and emphases have provided the focus for MIOSHA's enforcement, education and training, outreach, and administrative programs.

During FY 2013, MIOSHA continued activities directly related to the final year of the five-year MIOSHA Strategic Plan for FY 2009-2013. MIOSHA met most goals for FY 2012 strategic plan emphases and exceeded some. MIOSHA has selected 13 industries for strategic plan emphasis 1.1A, selecting industries with I & I rates above the state average, but not making a full five-year commitment to each. MIOSHA determines whether or not to continue an emphasis after a 20 percent reduction has been achieved. Reductions in the Total Recordable Cases (TRC) rate greater than 20 percent were noted for 3 of the 11 industries where data was available:

- 24.1% Decrease for Plastics & Rubber Products Manufacturing,
- 48.0% Decrease for Nonmetallic Mineral Product Manufacturing,
- 28.1% Decrease for Fabricated Metal Product Manufacturing,

With significant reductions in the following industries:

- 14.6% Decrease for Transportation Equipment Manufacturing,
- 16.7% Decrease for Hospitals,
- 18.3% Decreases in Manufacturing total recordable rates,
- 37.5% Decreases in Manufacturing fatalities,
- 34.9% Decrease in Construction fatality rates,
- 10.0% Decrease in serious Construction injuries and illnesses,
- 14.3% Decrease in Machinery Manufacturing,
- 7.5% Decrease for Wood Products,

Seven of the nine industries targeted in the strategic plan goal 1.1 that did not meet the 20% reduction goal of the FY 2009-2013 strategic plan were included as high-hazard industries targeted for rate reduction in the MIOSHA strategic plan for FY 2014-2018. The remaining two industries will have a local emphasis program in Michigan during FY 2014. Several of these industries met the 20% reduction goal during one or two of the years of the FY 2009-2013 strategic plan, but because the rates fluctuated and did not remain consistently below the goal, it was felt they should continue to be targeted. In addition to the strategic plan targeting, nursing and residential care facilities are part of an OSHA national emphasis program that was adopted by MIOSHA. The construction industry DART rates for each individual year of the FY2009-2013 strategic plan goal 1.3B were significantly reduced during the first four years, with an increase for FY2013. The FY2014-2019 MIOSHA strategic plan will continue to focus on the four leading causes of death and serious injuries and illnesses in the construction industry.

Section 1 of the SOAR for FY 2013 covers performance related to Strategic Goals 1, 2, and 3. Section 2 is a Primary Outcome Measure Summary Chart. Section 3 lists the Consultation Education and Training (CET) Grants and links them to strategic plan emphases. Section 4 includes the State Internal Evaluation Plan (SIEP). Section 5 includes MIOSHA Program Accomplishments, and Section 6 notes the major communication accomplishments for the past year.

During FY 2013, MIOSHA continued existing and initiated new activities to fulfill the overall mission of the program—to reduce workplace fatalities, injuries, and illnesses. Some major program accomplishments during FY 2013 included:

- Convened three focus groups comprised of representatives from Labor, Construction, and General Industry to provide direction on how MIOSHA should draft its next strategic plan.
- Held several “Coffee with MIOSHA” forums where staff was available to answer questions from the public.
- Continued implementation of the MIOSHA Training Institute (MTI) Level One and Level Two courses, with a significant increase in the number of Level Two courses and attendees.
- Continuation of the *Protecting Workers in Tough Economic Times* initiative which includes: penalty reduction, penalty payment plan, focused inspections, waiver of some FOI fees, prehearing site options, programmed inspection deferrals while working with CETD, MIOSHA Training Institute (MTI) training scholarships, increase in publication limits, improve access to standards, and free loan of safety videos.
- Continuation of the "Safety Pays" Campaign – When You Protect Your Workers... You Pay Yourself, which explains the cost benefits of safety programs.
- Participation in the ninth annual “Take a Stand Day” with 200 requests for a special one-on-one consultation without citations or penalties from MIOSHA consultation and enforcement staff.
- Receipt of the Alfred P. Sloan Award for Workplace Flexibility and Effectiveness for a sixth consecutive year.

**Section 1 EMPHASIS AND PERFORMANCE FOR STRATEGIC GOALS 1 - 3**

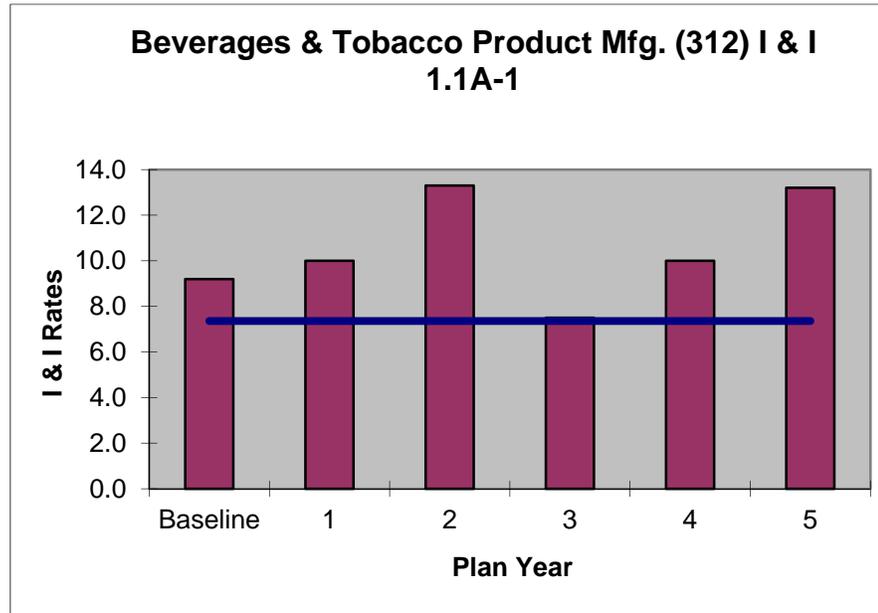
Michigan State OSHA Annual Report (SOAR)

SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #1</b>		<b>Objective #1.1</b>
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.		Reduce the rate of worker injuries and illnesses in high-hazard industries.
<b>Emphasis #1.1A-1</b>	Reduce by 20% the rate of worker injuries and illnesses in Beverage & Tobacco Product Mfg. (312)	

Enforcement Indicators	
Inspections completed:	Employees covered:
4	347

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	0	0	1	45	153**	NAV



**Baseline: BLS, 2007 Injuries & Illnesses - 9.2 Sprains & Strains - 160.5**

**Target: 20% reduction in the rate of injuries and illnesses.**

**Achievement: Rate of 13.2 (BLS, 2012) is a 43.5% increase from the baseline. Goal of 20% reduction was not met in year 5.\*\*\***

**Data Source(s): BLS, IMIS/OIS, Internal Measurement System.**

\* Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs.

\*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

\*\*\*The rate in this NAICS has fluctuated over the five years of the 2009-2013 strategic plan so the NAICS has been included in the list of targeted industries for the 2014-2018 strategic plan.

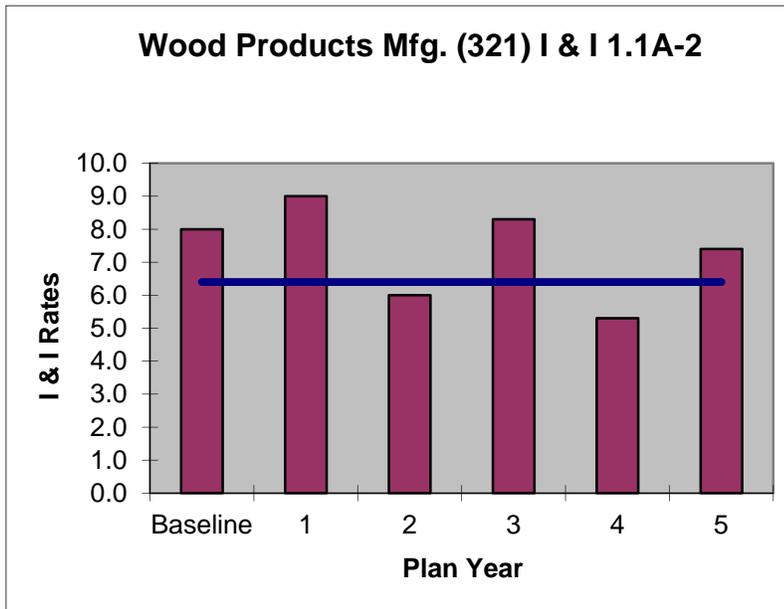
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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #1</b>		<b>Objective #1.1</b>
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.		Reduce the rate of worker injuries and illnesses in high-hazard industries.
<b>Emphasis #1.1A-2</b>	Reduce by 20% the rate of worker injuries and illnesses in Wood Products Mfg. (321)	

Enforcement Indicators	
Inspections completed:	Employees covered:
63	2,027

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	0	0	13	55	153**	NAV



**Baseline: BLS, 2007  
Injuries & Illnesses - 8.0  
Sprains & Stains - 160.5**

**Target:** 20% reduction in the rate of injuries and illnesses; sprains & strains

**Achievement:** Rate of 7.4 (BLS, 2012) is a reduction of 7.5% from the baseline. Goal of 20% reduction was not met in year 5.\*\*\*

**Data Source(s):** BLS, IMIS/OIS, Internal Measurement System.

\* Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs.

\*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

\*\*\* This NAICS was not included in the list of targeted industries for the 2014-2018 strategic plan because the 2011 BLS data indicated the injury and illness rate goal had been met. A one-year local emphasis program for FY 2014 is being implemented to help decrease the rate in this NAICS.

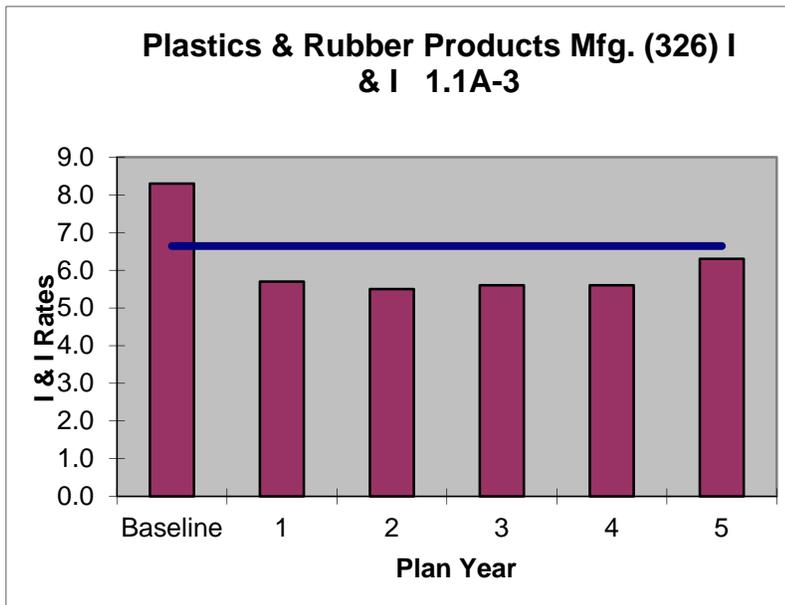
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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #1</b>		<b>Objective #1.1</b>	
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.		Reduce the rate of worker injuries and illnesses in high-hazard industries.	
<b>Emphasis #1.1A-3</b>	Reduce by 20% the rate of worker injuries and illnesses in Plastics & Rubber Products Mfg. (326)		

Enforcement Indicators	
Inspections completed:	Employees covered:
101	4,697

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	0	0	12	142	153**	NAV



**Baseline: BLS, 2007**  
**Injuries & Illnesses – 8.3**  
**Sprains & Strains – 57.0**

**Target:** 20% reduction in the rate of injuries and illnesses

**Achievement:** Rate of 6.3 (BLS, 2012) is a reduction of 24.1% from the baseline. Goal of 20% reduction was met in year 5.

**Data Source(s):** BLS, IMIS/OIS, Internal Measurement System.

\* Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs.

\*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

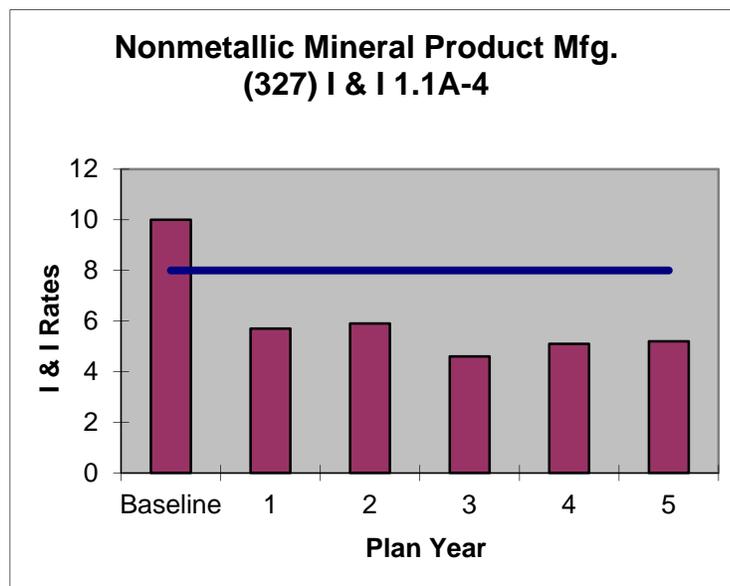
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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #1</b>	<b>Objective #1.1</b>
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.	Reduce the rate of worker injuries and illnesses in high-hazard industries.
<b>Emphasis #1.1 A-4</b>	Reduce by 20% the rate of worker injuries and illnesses in Nonmetallic Mineral Product Mfg. (327)

Enforcement Indicators	
Inspections completed:	Employees covered:
24	301

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	0	0	1	16	153**	NAV



**Baseline: BLS, 2007  
Injuries & Illnesses - 10.0  
Sprains & Strains – 49.1**

**Target:** 20% reduction in the rate of injuries and illnesses.

**Achievement:** Rate of 5.2 (BLS, 2012) is a reduction of 48% from the baseline. Goal of 20% reduction was met in year 5.

**Data Source(s):** BLS, IMIS/OIS, Internal Measurement System

\* Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs.

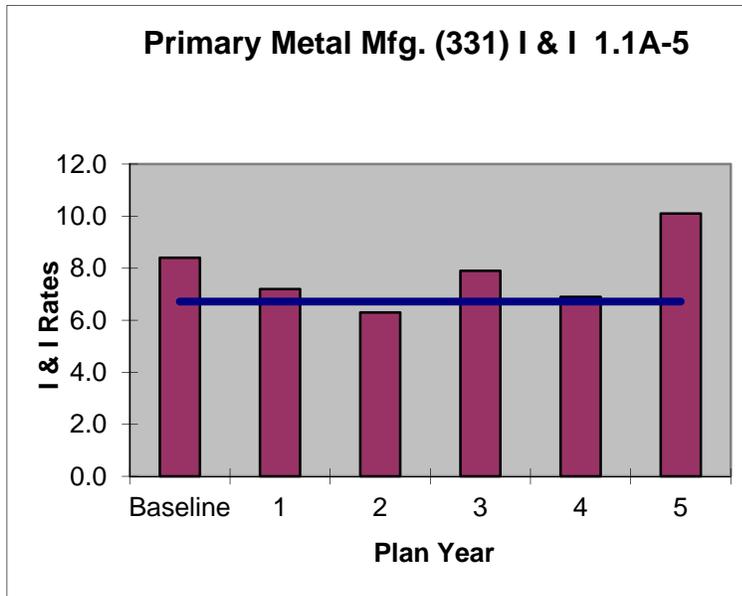
\*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #1</b>	<b>Objective #1.1</b>
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.	Reduce the rate of worker injuries and illnesses in high-hazard industries.
<b>Emphasis #1.1A-5</b>	Reduce by 20% the rate of worker injuries and illnesses in Primary Metal Mfg. (331)

Enforcement Indicators	
Inspections completed:	Employees covered:
73	4,791

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	0	0	9	117	153**	NAV



**Baseline: BLS, 2007**  
**Injuries & Illnesses – 8.4**  
**Sprains & Strains – 56.8**

**Target:** 20% reduction in the rate of injuries and illnesses

**Achievement:** Rate of 10.1 (BLS, 2012) is an increase of 20.2% from the baseline. Goal of 20% reduction was not met in year 5.\*\*\*

**Data Source(s):** BLS, IMIS/OIS, Internal Measurement System.

\* Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs.

\*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

\*\*\* The rate in this NAICS has fluctuated over the five years of the 2009-2013 strategic plan so the NAICS has been included in the list of targeted industries for the 2014-2018 strategic plan.

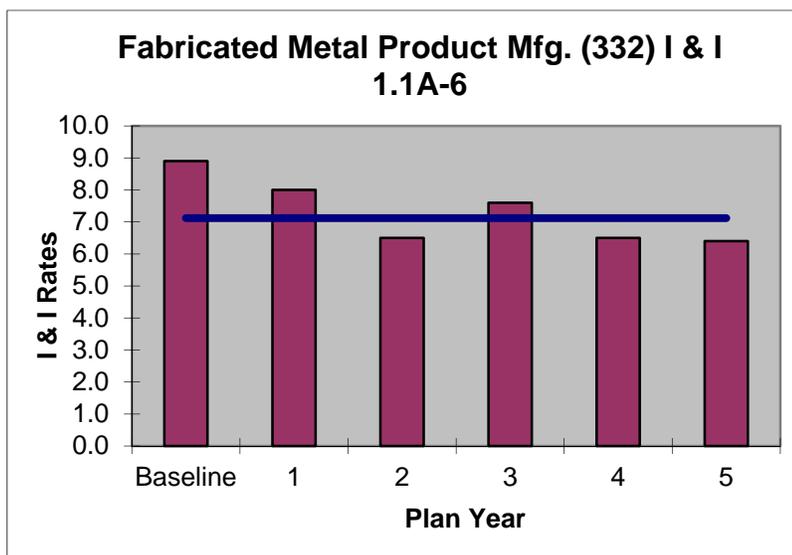
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<b>Strategic Goal #1</b>		<b>Objective #1.1</b>
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.		Reduce the rate of worker injuries and illnesses in high-hazard industries.
<b>Emphasis #1.1A-6</b>	Reduce by 20% the rate of worker injuries and illnesses in Fabricated Metal Product Mfg. (332)	

Enforcement Indicators	
Inspections completed:	Employees covered:
215	9,374

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	0	1	36	271	153**	NAV



**Baseline: BLS, 2007  
Injuries & Illnesses – 8.9  
Sprains & Strains – 69.1**

**Target:** 20% reduction in the rate of injuries and illnesses

**Achievement:** Rate of 6.4 (BLS, 2012) was a reduction of 28.1% from baseline. Goal of 20% reduction was met in year 5.

**Data Source(s):** BLS, IMIS/OIS, Internal Measurement System.

\* Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs.

\*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

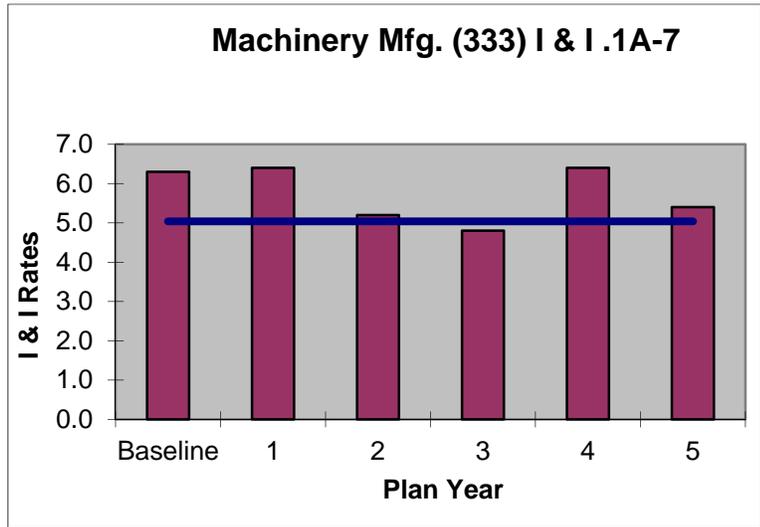
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<b>Strategic Goal #1</b>	<b>Objective #1.1</b>
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.	Reduce the rate of worker injuries and illnesses in high-hazard industries.
<b>Emphasis #1.1A-7</b>	Reduce by 20% the rate of worker injuries and illnesses in Machinery Mfg. (333)

Enforcement Indicators	
Inspections completed:	Employees covered:
143	5,932

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	2	0	30	185	153**	NAV



**Baseline: BLS, 2007  
Injuries & Illnesses – 6.3  
Sprains & Stains- 25.2**

**Target:** 20% reduction in the rate of injuries and illnesses

**Achievement:** Rate of 5.4 (BLS, 2012) is a decrease of 14.3% from baseline. Goal of 20% reduction was not met in year 5.\*\*\*

**Data Source(s):** BLS, IMIS/OIS, Internal Measurement System.

\*Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs.

\*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

\*\*\* The rate in this NAICS has fluctuated over the five years of the 2009-2013 strategic plan so the NAICS has been included in the list of targeted industries for the 2014-2018 strategic plan.

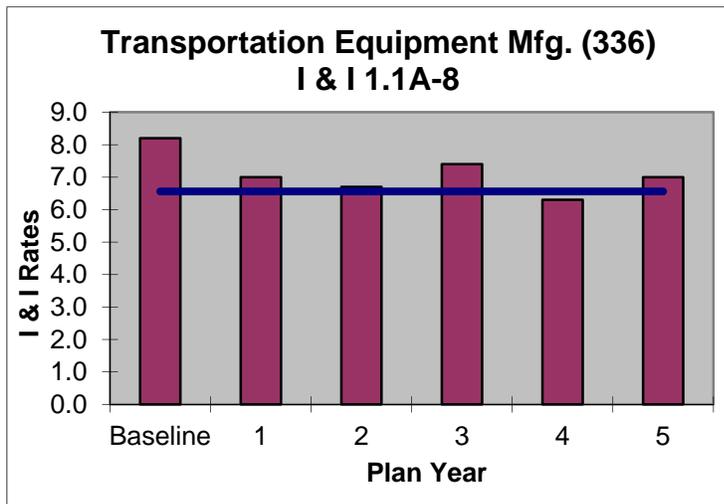
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<b>Strategic Goal #1</b>		<b>Objective #1.1</b>
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.		Reduce the rate of worker injuries and illnesses in high-hazard industries.
<b>Emphasis #1.1A-8</b>	Reduce by 20% the rate of worker injuries and illnesses in Transportation Equipment Mfg. (336)	

Enforcement Indicators	
Inspections completed:	Employees covered:
164	41,029

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	0	0	23	177	153**	NAV



**Baseline: BLS, 2007  
Injuries & Illnesses – 8.2  
Sprains & Stains – 41.3**

**Target:** 20% reduction in the rate of injuries and illnesses

**Achievement:** Rate of 7.0 (BLS, 2012) is a decrease of 14.6% from baseline. Goal of 20% reduction was not met in year 5.\*\*\*

**Data Source(s):** BLS, IMIS/OIS, Internal Measurement System.

\* Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs.

\*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

\*\*\* The rate in this NAICS has fluctuated over the five years of the 2009-2013 strategic plan so the NAICS has been included in the list of targeted industries for the 2014-2018 strategic plan.

Michigan State OSHA Annual Report (SOAR)

SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

Strategic Goal #1		Objective #1.1
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.		Reduce the rate of worker injuries and illnesses in high-hazard industries.
Emphasis #1.1A-9	Reduce by 20% the rate of worker injuries and illnesses in Recyclable Material Merchant Wholesalers (423930)	

Enforcement Indicators	
Inspections completed:	Employees covered:
16	577

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	0	0	3	39	153**	NAV

**Baseline:** Michigan-specific I&I data is not available for Recyclable Material Merchant Wholesalers.

**Target:** 20% reduction in the rate of injuries and illnesses.

**Achievement:** 25 inspections performed and 47 serious violations were cited.

**Data Source(s):** IMIS/OIS, Internal Measurement System

\* Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs.

\*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

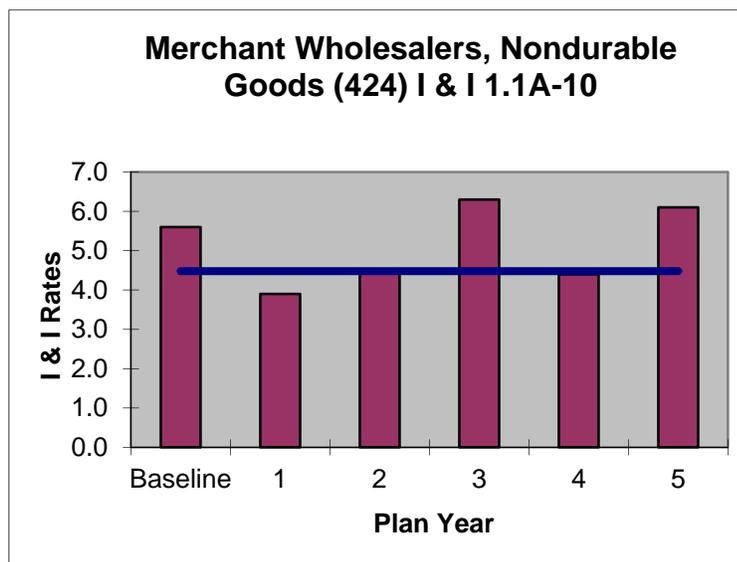
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<b>Strategic Goal #1</b>		<b>Objective #1.1</b>	
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.		Reduce the rate of worker injuries and illnesses in high-hazard industries.	
<b>Emphasis #1.1A-10</b>	Reduce by 20% the rate of worker injuries and illnesses in Merchant Wholesalers, Nondurable Goods (424)		

Enforcement Indicators	
Inspections completed:	Employees covered:
41	904

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	0	0	5	33	153**	NAV



**Baseline:**  
**Injuries & Illnesses – 5.6**  
**Sprains & Strains – 41.9**

**Target:** 20% reduction in the rate of injuries and illnesses

**Achievement:** Rate of 6.1 (BLS 2012) was an increase of 8.9% from the baseline. Goal of 20% reduction was not met in year 5.\*\*\*

**Data Source(s):** BLS, IMIS/OIS, Internal Measurement System.

\* Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs.

\*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

\*\*\* This NAICS was not included in the list of targeted industries for the 2014-2018 strategic plan because the 2011 BLS data indicated the injury and illness rate goal was being met. A one-year local emphasis program for FY 2014 is being implemented to help decrease the rate in this NAICS.

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

Strategic Goal #1	Objective #1.1
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.	Reduce the rate of worker injuries and illnesses in high-hazard industries.
Emphasis #1.1A-11	Reduce by 20% the rate of worker injuries and illnesses in Landscaping Services (561730)

Enforcement Indicators	
Inspections completed:	Employees covered:
36	853

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	0	0	2	19	153**	NAV

<b>Baseline:</b> Michigan-specific I & I data is not available for Landscaping Services (NAICS 561730) due to insufficient data.
<b>Target:</b> 20% reduction in the rate of injuries and illnesses.
<b>Achievement:</b> 36 inspections performed and 52 serious violations were cited.
<b>Data Source:</b> IMIS/OIS, Internal Measurement System

\*Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs.  
 \*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

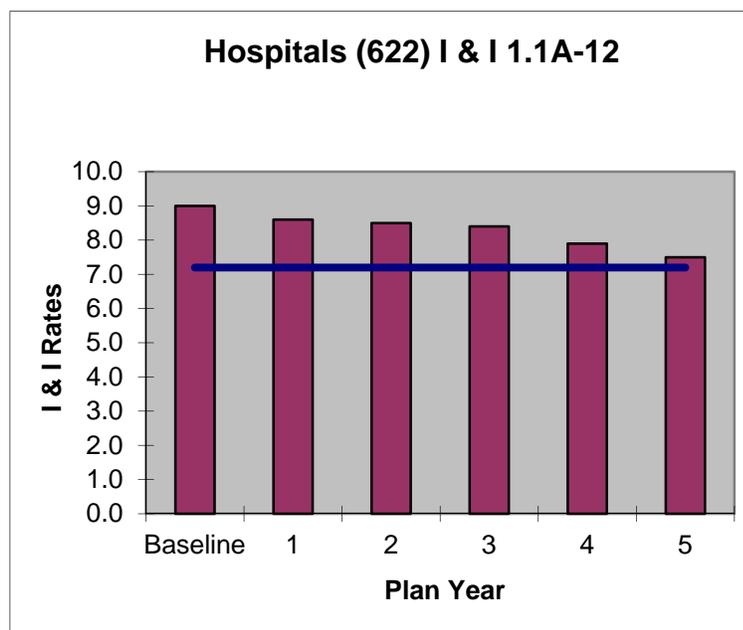
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Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.	Reduce the rate of worker injuries and illnesses in high-hazard industries.
<b>Emphasis #1.1A-12</b>	Reduce by 20% the rate of worker injuries and illnesses in Hospitals (622)

Enforcement Indicators	
Inspections completed:	Employees covered:
22	3,673

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	0	0	5	31	153**	NAV



**Baseline: BLS, 2007  
Injuries & Illnesses - 9.0  
Sprains & Strains - 100.8**

**Target:** 20% reduction in the rate of injuries and illnesses.

**Achievement:** Rate of 7.5 (BLS, 2012), a reduction of 16.7% from the baseline. Goal of 20% reduction was not met in year 5.\*\*\*

**Data Source(s):** BLS, IMIS/OIS, Internal Measurement System.

\* Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs (total 346).

\*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

\*\*\* The rate in this NAICS has fluctuated over the five years of the 2009-2013 strategic plan so the NAICS has been included in the list of targeted industries for the 2014-2018 strategic plan.

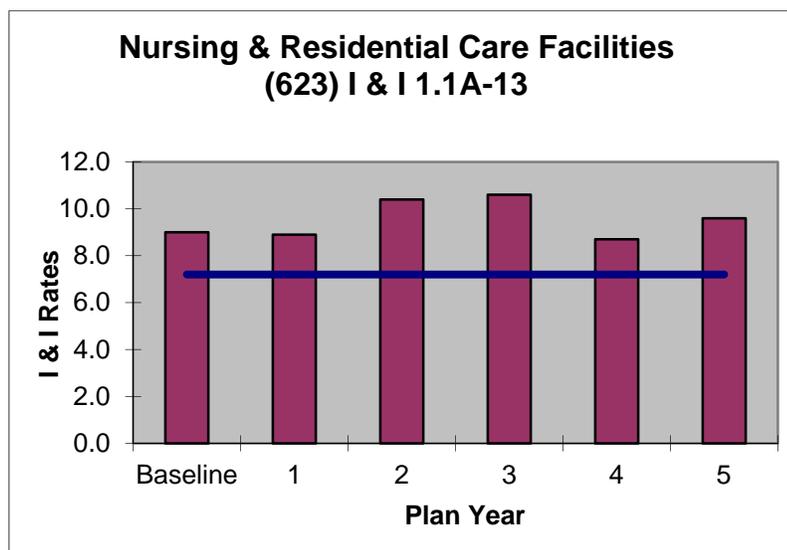
Michigan State OSHA Annual Report (SOAR)

SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #1</b>		<b>Objective #1.1</b>
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.		Reduce the rate of worker injuries and illnesses in high-hazard industries.
<b>Emphasis #1.1A-13</b>	Reduce by 20% the rate of worker injuries and illnesses in Nursing & Residential Care Facilities (623)	

Enforcement Indicators	
Inspections completed:	Employees covered:
61	5,582

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of attendees:	Number of Michigan Challenge Programs ongoing:	Number of Michigan Challenge Programs Completed:	Number of Hazard surveys:	Number of Consultations:	Number of articles published:	Number of CET grant activities:
429*	3,587*	0	0	19	68	153**	NAV



**Baseline: BLS, 2007  
Injuries & Illnesses - 9.0  
Sprains & Strains - 119.4**

**Target:** 20% reduction in the rate of injuries and illnesses

**Achievement:** Rate of 9.6 (BLS, 2012), an increase of 6.7% from the baseline. Goal of 20% reduction was not met in year 5.\*\*\*

**Data Source(s):** BLS, IMIS/OIS, Internal Measurement System.

\* Number of events and individuals attending seminars, workshops and other training programs were not registered by specific goals (1.1A-1 – 1.1 A-13). This amount represents total participation in all seminars, workshops and other training programs.

\*\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

\*\*\* The rate in this NAICS has fluctuated over the five years of the 2009-2013 strategic plan so the NAICS has been included in the list of targeted industries for the 2014-2018 strategic plan. In addition, there is a National Emphasis Program for this industry.

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #1</b>		<b>Objective #1.2</b>
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, and fewer injuries, illnesses and fatalities.		Reduce by 20% the rate of worker injuries, illnesses, and fatalities in general industry workplaces experiencing high rates or with targeted hazards or exposures not covered by Emphasis 1.1.
<b>Emphasis #1.2</b>	General industry workplaces.	

Enforcement Indicators	
Number of inspections:	Number of employees covered by inspections:
1013	55,281

Compliance Assistance Indicators							
Number of seminars, workshops & other training programs held:	Number of seminar attendees:	Number of consultation visits:	Number of Michigan Challenge Programs on-going:	Number of Michigan Challenge Programs completed:	Number of hazard surveys:	Number of articles published:	Number of CET grant activities:
66	NAV	180	0	0	53	153*	NAV

<b>Rate of I &amp; I</b>	<b>Manufacturing (31-33)</b>	<p><b>Baselines:</b> Incidence rate, total recordable cases, per 100 full-time workers [Manufacturing (31-33), BLS, 2007]: 7.1 Number of fatalities, program-related [General Industry]: 8 in CY 2007</p> <p><b>Target:</b> Reduce fatalities and illnesses and injuries by 20% (4% per year).</p> <p><b>Achievement:</b> Rate of 5.8 (BLS, 2012) is a reduction of 18.3%, which does not meet goal of 20% for year 5. 5 GI fatalities for CY 2012, which equals a 37.5% decrease and accomplishes a reduction over the time of the plan.</p> <p><b>Data Source(s):</b> BLS, IMIS/OIS, Internal Measurement System, total recordable case incident rate. Data obtained from the Agency program-related fatality log.</p>
	<b>Plan Year</b>	
<b>Number of Fatalities</b>	<b>Manufacturing (31-33)</b>	
	<b>Plan Year</b>	

\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #1</b>	<b>Objective #1.3</b>
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, and fewer injuries, illnesses and fatalities.	Decrease fatalities in the construction industry by 4% a year over 5 years (20% total for 5 years) by focusing on the four leading causes of fatalities (fall, electrocution, struck-by, crushed by/caught between)
<b>Emphasis #1.3A</b>	Decrease fatalities in the construction industry by 20%.

Enforcement Indicators				
Accident/Incident investigations:	Complaint investigations:	Programmed/Routine inspections:	Residential construction inspections:	Number of partnerships developed and/or enhanced:
31	66	3095	637	7 new – 12 active

Compliance Assistance Indicators						
Number of consultations:	Number of seminars, workshops & other training programs:	Number of hazard surveys:	Number of seminars:	Number of training attendees:	Number of newly developed MTI courses:	Number of alliances developed and/or renewed:
1,168	442	12	67	2,890	2*	1**



**Baselines:**  
10.86 (Average for Michigan for CYs 2003-07)

**Target:** Decrease fatality rates in the construction industry by 20% over a five-year period or 4% per year compared to the baseline.

**Achievement:** CY 2012 had 7.07 fatalities/100,000 workers, which is a 34.9% decrease from baseline of 10.86. This exceeds the goal of a 20% decrease for the 5th year of the strategic plan.

**Data Source(s):**  
Data obtained from the Agency program-related fatality log and BLS data for overall industry rates.

Note: Enforcement Indicators and Compliance Assistance Indicators are for both 1.3A & 1.3B  
 \*CS Part 10 –Lifting and Digging Equipment: Construction Cranes & Rigging and CS Part 2- Masonry Wall Bracing  
 \*\*Operating Engineers Local 324 Journeymen & Apprentice Training Fund, Inc.

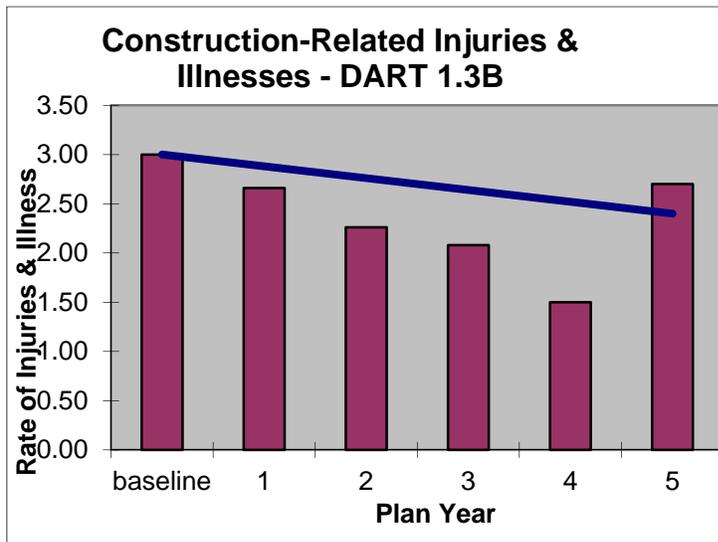
Michigan State OSHA Annual Report (SOAR)

SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

Strategic Goal #1	Objective #1.3
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, and fewer injuries, illnesses and fatalities.	Reduce the number of worker injuries, illnesses and fatalities in construction by focusing attention and resources on the most prevalent types of workplace injuries and illnesses.
Emphasis #1.3B	Reduce injuries and illnesses in the construction industry by 20%.

Enforcement Indicators				
Accident/Incident investigations:	Complaint investigations:	Programmed/Routine inspections:	Residential construction inspections:	Number of partnerships developed and/or enhanced:
31	66	3,095	637	7 new – 12 active

Compliance Assistance Indicators						
Number of consultations:	Number of seminars, workshops & other training programs:	Number of hazard surveys:	Number of seminars:	Number of seminar attendees:	Number of newly developed MTI courses:	Number of alliances developed and/or renewed:
1,168	442	12	67	2,890	2*	1**



**Baselines:** Days away, restricted, transferred (DART) of 3.0/200,000 hours (BLS, 2003 – 2007)

**Target:** To reduce injuries and illnesses in the construction industry by 20% over a five-year period, or 4% per year compared to the baseline.

**Achievement:** The DART rate for CY 2012 is 2.7, which is a 10% decrease from the baseline of 3.0. This does not meet the goal of a 20% decrease for the 5th year of the strategic plan.\*\*\*

**Data Source(s):**  
BLS.

Note: Enforcement Indicators and Compliance Assistance Indicators are for both 1.3A & 1.3B.

\*CS Part 10 –Lifting and Digging Equipment: Construction Cranes & Rigging and CS Part 2- Masonry Wall Bracing

\*\*Operating Engineers Local 324 Journeymen & Apprentice Training Fund, Inc.

\*\*\*There was significant and steady decline in the DART rate during each of the first 4 years of the strategic plan. For the final year (CY 2012), the DART rate was 2.7, which is a 10% decrease from the baseline of 3.0.

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #2</b>	<b>Objective #2.1</b>
Promote employer and worker awareness of, commitment to, and involvement with safety and health to effect positive change in the workplace culture.	Promote safety and health management systems (SHMS) during 100% of MIOSHA visits. Evaluate the SHMS in general industry and construction employers that have comprehensive MIOSHA visits. Sixty percent (60%) of the employers in general industry that receive a subsequent MIOSHA visit will have a fully implemented SHMS or will have improved their SHMS.
Emphasis #2.1	SHMS's will be promoted during all MIOSHA contacts. General industry and construction establishments that are subject to a MIOSHA visit (programmed/comprehensive inspection or consultation hazard survey) will have a SHMS evaluation.

Enforcement, Consultation, and Other Indicators			
Number of SHMS evaluations completed:	Number of employers who show improvement in their SHMS:	Number of employers who received an SHMS promotion:	Number of articles published by MIOSHA:
GI - 696 CSHD - 335 CSHD referred 290 to CETD CETD - 653	GI - 64% CETD - 94%	GI - 1,976 CSHD - 3,283	153*

**Baselines:**

Initial SHMS evaluations compared to subsequent evaluations conducted during FY 2009-2013.

**Target:** Promote safety & health management systems (SHMS) during 100% of MIOSHA visits.

**Achievement:**

SHMS's were promoted during all compliance inspections and consultation interventions.

In FY2013, CET consultants re-evaluated 18 companies. Of the 18, all but one showed improvement. The average improvement for the 18 was +10 WSHMS elements. Of the 18, two (11%) had a fully implemented SHMS.

**Outcome Measure/Data Source(s):**

IMIS and Internal Measurement System.

Consultation: Using an internal CET database, determine the percent of employers where their SHMS was promoted and evaluated.

Intermediate: During CET return visits, compare recalculated injury and illness rates to initial visits.

\* Press Releases issued (28), Media Advisories (6), MIOSHA News (4), Fact Sheet (5), ListServ messages sent (110), and 2013 MTI schedules distributed (70,000).

Michigan State OSHA Annual Report (SOAR)

SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #2</b>		<b>Objective #2.2</b>
Promote employer and worker awareness of, commitment to, and involvement with safety and health to effect positive change in the workplace culture.		Enhance employer and worker awareness of and participation in the MIOSHA Training Institute (MTI).
<b>Emphasis #2.2</b>	Increase by 50 each year the number of MTI certificate holders by marketing the MIOSHA Training Institute to targeted groups.	

**Consultation and Other Indicators**

Number of MTI contact lists created:	Number of MTI promotional letters mailed:	Number of MTI consultations and training given to targeted groups:	
2 ongoing (4,162 on MTI ListServ subscriber list + 5,418 on CET Listserv). There are also 1,000 Facebook friends and 422 Twitter followers.	34 MTI emails were sent to MTI ListServe subscribers.  70,000 2013 MTI schedules distributed. 2,456 letters were sent to GI's list; 592 heat stress letters to agricultural employers; and 7,431 T ASD letters went out to the following industries: nursing homes, beverage and tobacco, construction, and machinery mfg.	1,079	

**Baselines:**  
 1,801 attendees in FY 2008; 2,131 in FY 2009, 2,699 in FY 2010; 2,628 in FY 2011; 2,747 in FY 2012  
 30 certificates issued in FY 2008; 107 in FY 2009; 121 in FY 2010; 122 in FY 2011; 147 in FY 2012

**Target:**  
 Increase the number of new MTI certificate holders by 50 each year.

**Achievement:**  
 For FY 2013, number of Level 1 and advanced certificate holders – 193 (Level 1 – 138, Level 2 – 43, Occupational Health – 12).  
  
 The target is to increase the number of new MTI certificate holders by 50 each year. In FY2013, there were 193 new certificate holders. Over the five year plan, we had 690 certificate holders exceeding the goal of 250.  
  
 Percentage increase in number of MTI attendees – Total number of attendees in FY2013, 2,715, an increase of 51% over baseline.

**Data Source(s):**  
 MTI database, Internal Measurement System

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #2</b>		<b>Objective #2.3</b>	
Promote employer and worker awareness of, commitment to, and involvement with safety and health to effect positive change in the workplace culture.		Increase participation in MIOSHA cooperative programs.	
<b>Emphasis #2.3</b>	The following cooperative programs will increase participation by 15 new MVPP awards; 50 new CET (Bronze, Silver, Gold, & Platinum) Awards; 30 new Michigan Challenge Programs; 10 new Alliances, and 7 new Partnerships; 10 new MSHARPS.		

Consultation Indicators			
Number of cooperative program presentations given at other division meetings:	Number of news releases promoting cooperative programs:	Number of MVPP renewals and re-certifications:	Number of renewals and annual re-evaluations for alliances:
0	26	4 re-evaluations 2 new	5 new 1 renewals

**Baselines:**

16 alliances and 8 partnerships.

**Target:**

15 New MVPP awards (three per year)  
 50 New CET (Bronze, Silver, Gold, Platinum, Ergo Innovation & Ergo Success) Awards (ten per year)  
 30 Michigan Challenge Programs (six per year)  
 10 New Alliances (two per year)  
 10 New MSHARPS (two per year)  
 7 New Partnerships (1 or 2 per year)

**Achievement:** Met or exceeded four of six goals for year 5.

3 - New MVPP\* Awards = yes  
 5 - New CET (Bronze, Silver, Gold, Platinum, Ergo Innovation & Ergo Success) Awards = no  
 1 - Michigan Challenge Programs\*\* = no  
 5- New Alliances = yes  
 3 - New Partnerships = yes  
 3 – New MSHARPS = yes

Five year totals:

22 - New MVPP Awards = yes  
 56 - New CET (Bronze, Silver, Gold, Platinum, Ergo Innovation & Ergo Success) Awards = yes  
 23 - Michigan Challenge Programs= no  
 9- New Alliances = no  
 12 - New Partnerships = yes  
 14 – New MSHARPS = yes

Met or exceeded four of six goals for the five year plan.

**Data Source(s):**

Internal measurement using CET program records.

\* New MVPP Star Companies: Potlatch Land & Lumber, Michigan Packaging, and Sakti3.

\*\* Award recommendations were suspended this year while the award policy and procedures were being revised.

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

Strategic Goal #2		Objective #2.4	
Promote employer and worker awareness of, commitment to, and involvement with safety and health to effect positive change in the workplace culture.		Connect MIOSHA to industry by promoting the benefits of workplace safety and health through initiatives and communication with employers and employees.	
Emphasis #2.4			
Enforcement Indicators			
Percent of initiatives implemented:	Number of contact lists created:	Number of promotional letters mailed to targeted groups:	Number of enforcement visits:
100%	76 ListServ messages were sent 34 MTI ListServ messages were sent CET ListServ 5,418 members MTI ListServ 4,162 members Standards ListServ 4,093 members Facebook 966 members Twitter 412 members		5,259 GI-1,976 CS-3,283
Compliance Assistance Indicators			
Percent of initiatives implemented:	Number of contact lists created:	Number of promotional letters mailed to targeted groups:	Number of CET employer and employee contacts:
100%	76 ListServ messages were sent 34 MTI ListServ messages were sent CET ListServ 5,418 members MTI ListServ 4,162 members Standards ListServ 4,093 members Facebook 966 members Twitter 412 members	Regular ListServ promotions and 2,546 letters were sent to GI's list; 592 heat stress letters to agricultural employers and 7,431 TASD letters were sent to the following industries: nursing homes, beverage and tobacco, construction, and machinery manufacturing.	NAV
<b>Baselines:</b> For all Michigan industries (including state and local government), DART of 2.4 and TRC of 4.9 (BLS, 2007); the FY 2008 customer comment card satisfactory response rate was 99.2% useful (495 of 499 who responded to the question on 507 cards returned).			
<b>Target:</b> Provide safety & health awareness during every intervention.			
<b>Achievement:</b> Michigan DART of 2.0 and TRC of 4.1(BLS, 2012), which equals a 16.7% decrease and a 16.3% decrease, respectively, for year 5. See Section 5 of this report for a description of initiatives.			
<b>Data Source(s):</b> CET, IMIS/OIS, BLS and DIT			

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #3</b>		<b>Objective #3.1</b>	
Strengthen public confidence through continued excellence in the development and delivery of MIOSHA’s programs and services.		Foster a culture of integrity, inclusion, teamwork, and excellence to strengthen confidence in the delivery of MIOSHA services.	
<b>Emphasis #3.1A</b>	Internal – Implement strategies that nurture collaboration among all MIOSHA team members to enhance effective communication and staff development.		

Indicators	
Percent of staff involved in agency or division workgroups:	72%
Number of MIOSHA Weekly issues:	52
Percent of new employees to receive orientation within three months:	100%
Number of awards:	7 Special Employee Recognition Awards - MIOSHA
Percent of employees participating in cross training:	Admin 100%; Appeals 100%; CET 83%; CSHD 82%; GISHD 100%; MTSD 90%
Number of staff training sessions held:	CET 21, GISHD 19, CSHD 14, APPEALS 3, ADMIN 3, TSD 11
Number of OCI survey distributed:	None – OCI performed in 2009
Percent of OCI survey returned:	N/A
<b>Baselines:</b> Results from previous surveys, which were in 2003, 2004, and 2006 for IAMS, and were in 2000 and 2005 for OCI.	
<b>Target:</b> Improve (increase) Constructive styles and improve (decrease) Passive/Defensive and Aggressive/Defensive styles for the OCI. For Internal Assessment of Management Strategies (IAMS), to improve or remain the same as previous results for seven core questions included in all four IAMS surveys.	
<b>Achievement:</b> MIOSHA last conducted an Organizational Culture Inventory (OCI) in 2009, a year ahead of the scheduled strategy. The next OCI is scheduled for 2014 or 2015. In February, the Cross Cultural Team (CCT) conducted the Internal Assessment of Management Strategies (IAMS) for Objective 3.1A of the Strategic Plan. The purpose of the survey is to evaluate the current perception about the key result areas of management strategies within MIOSHA. The survey consisted of twelve multiple choice questions. 59.03% (134 out of 227) employees completed the survey. Each question also contained a space to provide additional information and comments.	
<b>Outcome Measure/Data Source(s):</b> An Organizational Culture Survey is scheduled for 2014 or 2015. The Internal Assessment of Management Strategies (IAMS) survey was prepared by the Cross Cultural Team using the seven core and five additional questions. The survey was made available online on February 13, 2012 until March 2, 2012.	

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #3</b>		<b>Objective #3.1</b>
Strengthen public confidence through continued excellence in the development and delivery of MIOSHA's programs and services.		Foster a culture of integrity, inclusion, teamwork, and excellence to strengthen confidence in the delivery of MIOSHA services.
<b>Emphasis #3.1B</b>	External – 95% of employers and workers who provide customer service feedback rate their overall MIOSHA intervention(s) as useful in identifying and correcting workplace safety and health hazards.	

Indicators	
Number of comment cards received via hard copy and website:	794 MIOSHA Comment/Suggestion Cards
Number of visits to MIOSHA's website:	590,769 in 2013
Percent of positive feedback on customer comment cards:	98.5% Useful on Comment/Suggestion Cards
Percent of positive feedback on CET seminars/MTI evaluations:	99.6%
Number of staff training sessions held:	CET 21, GISHD 19, CSHD 14, APPEALS 3, ADMIN 3, TSD 11
Number of fact sheets developed:	10
Number of responses to Ask MIOSHA Info questions posted to the website:	10
Number of MTI courses and CET seminars:	152
Number of participants in MTI courses and CET seminars:	2,344
Number of CET grant trainings:	843
Number of CET grant training participants:	18,392
Number of MIOSHA News publications:	4
Number of press releases issued:	28
Number of public service announcements:	77 seminar announcements
Number of customer surveys received via hard copy and website:	794 Comment/Suggestion Cards mailed back
Number of forums/symposiums:	0 symposium
Number of forum/symposium participants:	0 attendees

**Baselines:**

Customer Survey results and Comment/Suggestion Card.

**Target:** Customer Survey to be conducted in 2013, year 5 of the current five-year strategic plan. Comment/Suggestion Cards are ongoing.

**Achievement:**

MIOSHA received 794 Comment/Suggestion Cards during FY 2013. Results for the three questions:

- 98.5% "Useful" on "How would you rate your overall experience with MIOSHA?"
- 99.0% "Yes" on "Did you find the staff to be knowledgeable about employee safety and health issues?"
- 99.3% "Yes" on "Did the staff explain how to correct the safety and health hazards they identified?"

MIOSHA received 4023 Comment/Suggestion Cards during FY 2008 to 2013. Results for the three questions:

- 98.5% "Useful" on "How would you rate your overall experience with MIOSHA?"
- 99.5% "Yes" on "Did you find the staff to be knowledgeable about employee safety and health issues?"
- 99.2% "Yes" on "Did the staff explain how to correct the safety and health hazards they identified?"

MIOSHA staff is still compiling the results for the Customer Survey.

**Outcome Measure/Data Source(s):**

Comment Cards, Website, Staff Training, and Fact Sheets, Ask MIOSHA and MIOSHA Info, MTI Courses and CET Seminars, CET Grant Training, MIOSHA News, Press Releases, PSAs, Survey, Forums/Symposiums.

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #3</b>		<b>Objective #3.2</b>	
Strengthen public confidence through continued excellence in the development and delivery of MIOSHA's programs and services.		Respond effectively to legal mandates so that workers are provided full protection under the MIOSH Act and improve MIOSHA selected services.	
<b>Emphasis #3.2A</b>	Respond to 97% of complaints within 10 working days for enforcement divisions.		
<b>Enforcement Indicator</b>			
Percent of complaints opened within ten working days:		98.5% for CSHD (67 of 68 complaints) 99.6% for GISHD (458 of 460)	
<b>Baseline:</b> FY 2008 data 97.4%			
<b>Target:</b> 97% of complaints responded to within 10 working days.			
<b>Achievement:</b> For FY 2013, 525 of 528 complaints, or 99.4%, were responded to within 10 working days.			
<b>Data Source(s):</b> Fat/Cat and Complaint response data (IMIS/OIS)			

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #3</b>		<b>Objective #3.2</b>
Strengthen public confidence through continued excellence in the development and delivery of MIOSHA's programs and services.		Respond effectively to legal mandates so that workers are provided full protection under the MIOSH Act and improve MIOSHA selected services.
<b>Emphasis #3.2B</b>	Continue to maintain initiation of investigations of program-related fatalities and catastrophes within one working day of notification for 100% of occurrences to prevent further injuries or deaths.	

Enforcement Indicators		
Number of fatality reports:	Number of catastrophes:	Average days lapsed between reporting date and opening conference date:
34 in FY2013	0 for CSHD 0 for GISHD	CSHD – 100% in 1 day GISHD - 100% in 1 day
<b>Baseline:</b> 100%		
<b>Target:</b> Maintain initiation of investigations of program-related fatalities and catastrophes within one working day of notification for 100% of occurrences.		
<b>Achievement:</b> 100% - Met goal.		
<b>Data Source(s):</b> Fat/Cat and Complaint response (IMIS/OIS).		

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

Strategic Goal #3		Objective #3.2
Strengthen public confidence through continued excellence in the development and delivery of MIOSHA's programs and services.		Respond effectively to legal mandates so that workers are provided full protection under the MIOSH Act and improve MIOSHA selected services.
Emphasis #3.2C	Decrease average number of calendar days from opening conference date to citation issuance date by ten percent to protect workers in a timelier manner.	
<b>Enforcement Indicator</b>		
Average number of calendar days from opening date to the citation issuance date: 45.4		
<b>Baseline:</b> FY 2008 data: GI Safety 65.28 days, GI Health 67.70 days, Construction Safety 51.9 days, and Construction Health 64.8 days.		
<b>Target:</b> Decrease average number of calendar days from opening conference to citation issuance date by ten percent.		
<b>Achievement:</b> FY 2013 data: GI Safety 43.71 days, GI Health 73.6 days, Construction Safety 35.3, and Construction Health 55.10 days, which equals 33.0% decrease, 8.7% increase, 47.0% decrease, and 17.6% decrease, respectively. Three of four MIOSHA compliance programs met or exceeded the 10% reduction in year 5.		
<b>Data Source(s):</b> State Activity Mandated Measures (SAMM) Report (IMIS/OIS)		

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<b>Strategic Goal #3</b>		<b>Objective #3.2</b>
Strengthen public confidence through continued excellence in the development and delivery of MIOSHA's programs and services.		Respond effectively to legal mandates so that workers are provided full protection under the MIOSH Act and improve MIOSHA selected services.
<b>Emphasis #3.2D</b>	Establish a priority and a deadline for all standards assigned for promulgation. Promulgate 100% of standards required by OSHA within six months and 80% of the other standards within deadlines established by an annual standards promulgation plan.	

**Activities/Measures:**

1. Develop and conduct standards promulgation prioritization survey: In August 2008, the Standards Section developed and administered a survey to MIOSHA leadership and three Commissions.
2. Development of a promulgation priority list: the Standards Section finalized the priority list.
3. Development of an annual promulgation plan: the Standards Section developed the FY 2013 Standards Promulgation Plan.
4. Development and maintain tracking system, including electronic version: a tracking system was established and is being used by the Standards Section for the three commissions.
5. Conducting standards liaisons, commission and advisory committee meetings: During FY 2013, MIOSHA had 0 Commission Meetings, 2 Advisory Committee Meetings, and 4 Standards Liaisons Meetings.

**Baseline:**

None.

**Target:**

Promulgate 100% of Standards required by OSHA within six months.  
 Promulgate 80% of other Standards within deadlines established by an annual Standards Promulgation Plan. For FY 2013 with 5 standards planned for promulgation process, obtaining level of planned completion for 4 of 5 standards.

**Achievement:**

Promulgate 100% of Standards required by OSHA within six months – Accomplished 0% of original goal.  
 9 standards changes were initiated by OSHA during FY 2013, however none have been completed. The delay in promulgation was a result of a continued backlog of work within the Department of Licensing and Regulatory Affairs, and the Office of Regulatory Reinvention, which is outside the control of MIOSHA. It is anticipated the backlog will be eliminated in FY 2014.

Promulgate 80% of other Standards within deadlines established by an annual Standards Promulgation Plan – Accomplished 71% of original goal. Three of the standards which were proposed for promulgation have been submitted to the department for promulgation, but have not completed the process due to factors outside of our control. Two of the standards which were proposed for promulgation have been put on hold by our agency. Promulgate 100% of Standards required by OSHA within six months – Accomplished 25% of original goal.

**Data Source(s):**

Internal measurement systems.

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

Strategic Goal #3	Objective #3.3
Strengthen public confidence through continued excellence in the development and delivery of MIOSHA's programs and services.	Identify, design, and implement data management systems and processes to meet MIOSHA program information technology needs.
Emphasis #3.3	Assess the information systems necessary to collect performance data, acquire related IT equipment, and provide appropriate hardware and software training for all agency programs.

<b>Baseline:</b> The current computer inventory in terms of age of units and number of systems.
<b>Target:</b> As budget allows and resources require due to expired warranties, replace 25% of computer systems (four-year replacement cycle); fill vacant data analyst position in MISS/MTSD; secure ID/VPN for field staff; provide more training; upgrade to OIS; support existing systems; implement CET DMS.
<b>Achievement:</b> All staff are outfitted with a computer with valid warranty. Analyst position is filled and fully utilized. All field staff are outfitted with SecureID. Support for existing data systems is ongoing. On-line Training information is provided for staff in Microsoft Office 2010 products.
<b>Data Source(s):</b> Internal measurement systems.

1. Review of other strategic plan emphases and identification of data management needs.
  - Notice is periodically put in MIOSHA Weekly asking for ideas and needs with respect to IT systems.
  - Strategic plan 3.3 workgroup meets periodically to identify IT areas/topics to focus resources.
  - As part of the new strategic plan in effect 10/1/13 an additional technology workgroup was formed to look specifically at using IT to expand info and services to the public and other agencies.
2. Evaluation of current computer inventory and DMS and development of a replacement plan for existing systems.
  - ITAM system and internal database in place to track computer assignments by division. Periodic reports provided to Divisions to reconcile/reduce inventory.
  - Capability of the SOM wireless access has been integrated in image for current and future laptops.
  - LESS/MISS tracks warranty dates of desktop and laptop computers.
3. Assessment of IT training needs and identification of resources.
  - Assessment of training needs for staffs are periodically undertaken.
  - Multiple vehicles were identified for internal training, posted on SharePoint, posted in MIOSHA Weekly. Ongoing.
4. Conversion from IMIS to OIS.
  - Consultation began use of OIS effective 10/1/13. Estimated conversion of the enforcement divisions by Oct 1 2014.
5. Maintenance of functional data management systems.
  - Final conversion testing of the Fatality Log System from Excel to Access underway.
  - Work was undertaken toward adding the notification portion of the Asbestos Management Information System to the Michigan One Stop web site. Awaiting signing of Memo of Understanding to implement support and maintenance agreement.
6. Completion of CET 23(g) DMS evaluation, development, and implementation.
  - Business requirement signed off. Awaiting Proposal from DTMB for implementation of an off-the-shelf product by Oracle/Siebel to meet the needs defined in the Business Requirements.
7. Development and implementation of formal agency policies for data backup, storage, and retention.
  - Instruction reviewed and renewed. Retention schedule in place. Staff reminded of backup, FOIA issues on a periodic basis. Ongoing.
8. Increased use of web-based technologies.
  - Agency updated to Microsoft Office 365 putting our mail services in the cloud.
  - Agency continuing to use Sharepoint site to provide easy access to commonly used files, sites and programs. Surveys were hosted and results harvested taking advantage of that functionality.
9. Review and modification of tracking systems and logs.
  - Appeals Log to track the workflow of the Appeals division went into production.
  - A database to maintain establishment data for accurate mailing lists was created and rolled out as a pilot.

**SECTION 2 - PRIMARY OUTCOME MEASURE SUMMARY CHART  
FY 2013 (Year 5 of five-year MIOSHA Strategic Plan for FY 2009-2013)**

<u>Strategic Plan Emphasis</u>	<u>Year 5 Goal</u>	<u>Year 5 Achievement</u>	<u>Met Goal(s)</u>
1.1A-1 Beverage & Tobacco Product Mfg.	20% Decrease*	43.5% Increase	no
1.1A-2 Wood Products	20% Decrease*	7.5% Decrease	no
1.1A-3 Plastics & Rubber Products Mfg.	20% Decrease*	24.1% Decrease	yes
1.1A-4 Nonmetallic Mineral Product Mfg.	20% Decrease*	48.0% Decrease	yes
1.1A-5 Primary Metal	20% Decrease*	20.2% Increase	no
1.1A-6 Fabricated Metal Product Mfg.	20% Decrease*	28.1% Decrease	yes
1.1A-7 Machinery Mfg.	20% Decrease*	14.3% Decrease	no
1.1A-8 Transportation Equipment Mfg.	20% Decrease*	14.6% Decrease	no
1.1A-9 Recyclable Material Merchant Wholesalers	20% Decrease*	N/A	N/A
1.1A-10 Merchant Wholesalers, Nondurable Goods	20% Decrease*	8.9% Increase	no
1.1A-11 Landscaping Services (561730)	20% Decrease*	N/A	N/A
1.1A-12 Hospitals	20% Decrease*	16.7% Decrease	no
1.1A-13 Nursing & Residential Care Facilities	20% Decrease*	6.7% Increase	no
1.2 Manufacturing (31-33) – TRC rate/Fatalities	20% Decrease	-18.3% /-37.5%	no/yes
1.3A Construction Fatalities	20% Decrease	35.0% Decrease	yes
1.3B Construction Injuries & Illnesses (DART)	20% Decrease	10.0% Decrease	no
2.1 Safety and Health Management Systems	100% Promote	100% Achieved	yes
2.2 Participation in MTI	50 Increase yearly	193 Increase	yes
2.3 Participation in Cooperative Programs	Six Program Goals	Met 4 of 6	4 yes/2 no
2.4 Connect MIOSHA to Industry – DART/TRC	Decrease Rates	-16.7%/-16.3%	yes/yes
3.1A Implement strategies that nurture collaboration	N/A	N/A	N/A
3.1B MIOSHA Interventions	>95% Useful	98.5% Useful	yes
3.2A Respond to complaints within ten days	>97% Response	99.6% Achieved	yes
3.2B Fatalities & catastrophes w/in one work day	100% Occurrence	100% Achieved	yes
3.2C Calendar days from opening to citation issuance	10% Decrease*	Met 3 of 4 goals	3 yes/1no
3.2D Standard Promulgation	100% Fed 80% MI	0%/71%	N/A
3.3 Data management systems and processes	Various	N/A	N/A

\*Proportional annual goals not set for emphasis; overall reduction of 20% reduction evaluated.

**SECTION 3 – CONSULTATION, EDUCATION AND TRAINING (CET) GRANTS FOR  
FY 2013  
Links with Strategic Plan Emphasis**

<b><u>Name of Organization</u></b>	<b><u>Emphasis</u></b>
AFL-CIO of Michigan (HRDI)	1.1, 2.1
Alpena Community College	1.4, 2.1
Associated General Contractors (AGC) of Michigan	1.3, 2.1
Bay de Noc Community College	1.1, 1.2, 2.1
Center for Workplace Violence Prevention, Inc	1.2, 2.1
Construction Association of Michigan (CAM)	1.3, 2.1, 2.2, 2.3
Eastern Michigan University - Center for Organizational Risk Reduction	1.3, 2.1
Grand Valley State University	1.1
Great Lakes Safety Training Center	1.2, 2.1
Michigan Association of Chiropractors	1.1, 2.1, 2.4
Michigan Association of Rehabilitation Organizations (MARO)	1.1, 1.2
Michigan Farm Bureau	1.2, 2.1
Michigan Green Industry Association	1.2
Michigan Infrastructure and Transportation Association (MITA)	1.3, 2.1
North Central Michigan College	1.1, 2.1
Parents for Student Safety Employment Standards (PASSES)	1.1, 1.3, 2.1, 2.4
Retail, Wholesale, and Department Store Union (RWDSU)	1.1, 2.1
United Auto Workers (UAW)	1.1, 2.1
University of Michigan Center for Ergonomics	1.1, 1.2, 2.1

## SECTION 4 - MIOSHA STATE INTERNAL EVALUATION PLAN (SIEP) FY 2013

### Activity/Program Component Evaluated:

MIOSHA conducted an evaluation of onsite health consultation files for fiscal year 2013. The purpose of the evaluation was to determine the average report lapse time for onsite health consultation, identify factors contributing to excessive report lapse time, and develop and implement a plan to improve report lapse time.

### Background:

The 2010 and 2012 Federal audit findings noted that in all of the onsite health files reviewed, none of the final reports were issued to the employer within 20 days of the closing conference date. The health supervisor requires consultants to email a list of hazards to the employer if the report is not issued within 20 days of the closing conference date. Documentation is maintained in the case files.

### Summary of Internal Evaluation Process:

A baseline report lapse time average for onsite health was calculated using fiscal year 2012 data. The baseline report lapse time averages tabulated for the consultants included supervisor review time and administrative support time; averaging 131 days from closing conference date to final report.

Pending Written Report (PWR) reports for fiscal year 2013 were obtained from IMIS on a biweekly basis. These reports included a list of all outstanding written report information for each onsite health consultant. Quarterly, the consultation file for each establishment appearing on the PWR reports were reviewed to calculate report lapse time averages which included consultant draft time, supervisor review time, and administrative support time. A total of 263 consultation files were reviewed.

### Evaluation Findings:

The findings resulting from the internal evaluation:

- Incomplete consultation file documentation contributed to excessive report lapse time.
- Onsite health supervisor lapsed in requiring industrial hygiene consultants to track draft report completion time.
- Onsite health supervisor had not made report lapse time an annual performance objective for industrial hygiene consultants.
- Onsite health supervisor lapsed in requiring use of standard language which lengthened supervisor report review time.

### Corrective Actions Implemented as a Result of SIEP Findings:

- SIEP was discussed with the 21d Health Supervisor, consultants and administrative support staff in the first quarter of the evaluation.
- Reducing report lapse time averages was added as a 2013 performance goal for the Onsite Health Supervisor, industrial hygiene consultants and administrative support staff in the second quarter.
- Supervisor added the average draft report completion times (7 days) to the consultants' annual performance objectives.
- A quarterly SIEP progress review schedule was established. Consultant reports are reviewed weekly and administrative support staff provides a report of Written Reports Pending on a biweekly basis to the Onsite Health Supervisor, Consultants, Consultation Program Manager, and Division Director.
- Supervisor working on developing and/or revising report templates and standard language for consultant use to reduce report writing time and supervisory review time.
- Onsite Health Supervisor developed a health case file checklist. The checklist was implemented in April 2013 to aid in ensuring all required documents and information is present in the case file when it is submitted to the administrative support staff. This has aided in eliminating consultation files being held up waiting for missing information. The form is being used for all new case files.
- Supervisor has resumed having the consultants calculate and provide a summary of their report completion time on a biweekly basis.

### Initial Results of Implemented Corrective Actions:

The report lapse time averages were recalculated quarterly which included consultant draft time, supervisor review time and administrative support time; averaging approximately 80 days from the closing conference date to the final report completion date. Continuous monitoring and implementation of the corrective actions should result in further reduction of the lapse time.

## **SECTION 5 – PROGRAM ACCOMPLISHMENTS FOR FISCAL YEAR 2013**

### **Major Program Accomplishments**

#### **Protecting Workers in Tough Economic Times**

In FY 2013, MIOSHA continued an initiative to help employers protect workers during tough economic times. Businesses today are struggling to survive in the very precarious economic conditions. The cost of reacting to workplace injuries and illnesses far exceeds the costs of preventing them from happening in the first place.

A comprehensive safety and health management system can help employers protect their workers and their bottom line. MIOSHA is offering penalty reductions to companies for prompt abatement of hazards, as well as other incentives to encourage employers to develop safety and health management systems that protect their employees.

The MIOSHA Program recognizes the difficulties that employers and employees are facing and will do all that we can to help address workplace safety and health issues. MIOSHA offered the significant changes listed below to help employers comply with MIOSHA requirements.

- Penalty Reduction – An additional 10 percent penalty reduction may be applied for prompt abatement.
- Penalty Payment Plan – An extended payment plan allows employers the opportunity to pay the citation penalty in installments rather than one lump sum.
- Waiver of FOIA Fees – Waiver of FOIA fees for employers up to \$100 for a copy of their file.
- Prehearing Options – Three alternative locations to prehearings conducted in Lansing were available.
- Inspection Deferrals – Employers working with the Consultation Education & Training (CET) Division may receive a deferral from a MIOSHA enforcement programmed inspection.
- Good Faith Credits – New “Good Faith Credits” for penalty reductions may be implemented.
- MTI Training Scholarships – Over \$35,000 in safety and health training scholarships were awarded for MIOSHA Training Institute (MTI) courses in FY 2013.
- Increase Publication Limits – The CET Division increased the limits on free copies of popular printed material, like permits, stickers, and posters.
- Access to Standards – All MIOSHA standards are now searchable and downloadable from our website, and our new “A-Z Index” makes locating standards easier.
- Free Video Loan Library – The CET Video Library is transitioning from VHS to DVDs and has 170 DVD titles on a wide range of safety and health topics available on a free-loan basis.

### **Safety Pays Campaign**

In FY 2013, MIOSHA continued with its “Safety Pays” campaign with a theme of “Protect Workers...Pay Yourself”. Providing a safe and healthy work environment is the right thing to do and it's a sound business decision - especially in today's challenging economic times. The costs of reacting to workplace injuries and illnesses far exceed the costs of preventing them from happening in the first place.

Federal OSHA estimates that for every \$1 invested in workplace safety and health there is a \$4 to \$6 return. The "Top 10 Bottom Line Benefits" include: reduced absenteeism, lower turnover rates, higher productivity, greater efficiency, increased quality, decreased scrap/waste, increased employee morale, positive brand image, decreased health care costs, and decreased workers' compensation costs.

The "Safety Pays" campaign is part of MIOSHA's "Protecting Workers in Tough Economic Times" initiative, launched in 2009. This initiative focuses on how a comprehensive safety and health management system can help employers protect their workers and their bottom line.

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

In FY 2008, MIOSHA implemented a new safety and health training/certificate program. Seminars offered through MTI provide an opportunity to earn a certificate. In FY 2013, 171 courses were offered across the state. To date, training has been provided to more than 14,866 individuals and certificates have been issued to more than 750 students.

In FY2013, MTI piloted two new courses:

- Part 2 – Masonry Wall Bracing: a topic that affects every trades person, supervisor, laborer, manager or owner working around masonry walls in the State of Michigan. Improperly supported walls erected on initial construction sites have collapsed causing extensive property damage, injury and death. The course explains how to safely work around unsupported masonry walls, including identification of the proper external bracing, what work is allowed to be done around it, and the Restricted Zone requirements. The course was added to the electives listed for construction.
- Part 10 – Lifting and Digging Equipment/Construction Cranes and Rigging: changed dramatically with rules covering pre-erection inspections; use of synthetic slings during assembly/disassembly work; ground condition assessments; crane operator certification; rigger and signal person qualification; and requiring specific procedures for working near power lines. The MTI course addresses each rule in the standard and includes several exercises that reinforce the learning objectives as students work through set-up and training scenarios.

### **Connecting MIOSHA to Industry**

“Connecting MIOSHA to Industry” has proven to be a very successful initiative and has enhanced MIOSHA’s ability to accomplish the mission of protecting the health and safety of Michigan workers. It is positively affecting both the safety and health culture in

the industry and the way our customers perceive us. As a continuous improvement project, new strategies are developed each year.

In 2013, MIOSHA held three industry focus group meetings (general industry, construction, and labor) to gather their ideas at the beginning of MIOSHA's 5-year Strategic Plan development phase. The groups were invited back to review the final draft. MIOSHA held six "Coffee with MIOSHA" events around the state 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. These events were open to the public and sponsored by a variety of different industries, associations, and businesses. MIOSHA also redesigned and updated the Enforcement & Appeals Overview brochure.

New projects under development for FY 2014 include additional "Coffee with MIOSHA" events; a "Protecting the Caregivers – Preventing Injuries in the Nursing and Residential Care Facilities" forum; and staff training that focuses on how to enhance our interaction with each other.

### **MIOSHA Customer Comment/Suggestion Cards**

During FY 2013, MIOSHA received 794 responses to the customer comment/suggestion cards that have been given out by field staff at the conclusion of an intervention or mailed by MIOSHA when closing a case file. This year, the number showed a significant decrease since the cards were not sent out from September to October in order to send out the strategic plan evaluation survey.

- How would you rate your overall experience with MIOSHA? "Useful" or "Not Useful" = 98.5% Useful
- Did you find the staff to be knowledgeable about employee safety and health issues? "Yes" or "No" = 99.0% Yes
- Did the staff explain how to correct the safety and health hazards they identified? "Yes" or "No" = 99.2% Yes

Additionally, commenters are asked two additional questions to solicit written responses:

- Based on the MIOSHA intervention, did you implement specific changes in your workplace, for example, updated a policy/written program, conducted safety/health training, corrected safety/health violations, established hazard recognition system, etc.? Please be specific.
- What can MIOSHA do better?

MIOSHA staff contacted customers who had a specific suggestion or complaint that merited additional attention.

The cards used this year allowed customers the opportunity to be enrolled in both the Consultation Education & Training and MIOSHA Standards listservs. MIOSHA also developed and is piloting an electronic comment card. The CET division started using the electronic card towards the end of FY12.

### **Take a Stand Day**

On August 14, 2013, the ninth annual "Take a Stand Day" was a great success. "Take a Stand Day" provides an opportunity for employers to receive a special one-on-one

consultation with NO CITATIONS and NO PENALTIES. MIOSHA dedicated more than 125 professional staff to visit Michigan high-hazard industries targeted by the MIOSHA Strategic Plan. A total of 200 requests were received in the CET Division and assigned to MIOSHA staff – both enforcement and consultation staff. This event provides all MIOSHA staff an opportunity to “connect with industry.”

### **Sloan Award for Workplace Flexibility and Effectiveness**

MIOSHA was named a winner of the 2013 Alfred P. Sloan Award for Business Excellence in Workplace Flexibility for the sixth year, distinguishing the agency as a leading practitioner of workplace flexibility in Michigan and across the nation.

The Alfred P. Sloan Awards for Business Excellence in Workplace Flexibility are part of the “When Work Works” project, an ongoing initiative of Families and Work Institute, the Institute for a Competitive Workforce (an affiliate of the U.S. Chamber of Commerce), and the Twiga Foundation.

For MIOSHA, the journey began in 2000 with a Culture Survey. The results showed a high percentage of staff felt very connected to their mission, but there was opportunity to make MIOSHA a better place to work. In response, MIOSHA administrators and managers implemented steps to create a much more participatory management culture.

The Alfred P. Sloan awards are open to organizations in Michigan with more than ten employees that had been in business for at least one year. Applicants are evaluated in a rigorous two-step process, first comparing the employer’s application to nationally representative data from Families and Work Institute’s National Study of Employers, and then corroborating the employer responses through a survey of employees.

### **Document Management System**

MIOSHA uses a Document Management System to issue agency policy. When appropriate, MIOSHA Policies and Procedures are posted on the MIOSHA website. In FY 2012, 60 instructions were issued, with 29 being posted on the website.

### **MIOSHA Safety and Health Management System**

MIOSHA served as a pilot for the department in 2003 by establishing a comprehensive employee Safety and Health Management System. This was in conjunction with the Office of the State Employer. The purpose of the system is to provide an ongoing process to assess and prevent or control hazards to which MIOSHA staff may be exposed.

### **MIOSHA Budget**

As in recent years, MIOSHA has taken steps to address budget difficulties. The MIOSHA program has faced a budget shortfall each year, mostly due to flat federal funding over the past decade and budget reduction due to federal sequestration actions. Agency administrators worked to develop a sound, realistic spending plan for FY 2013 that continually reviewed all agency expenditures and implemented reductions where possible. Cost saving measures included reductions in filling existing vacancies, travel

costs, equipment, and office supplies. All agency employees have been involved in implementing this spending plan.

## **MIOSHA Initiatives**

### **Residential Fall Prevention/Protection Training Initiative.**

This initiative has been in effect since April 2011. MIOSHA and the Michigan Association of Home Builders (MAHB) teamed-up to “get the word out” to the residential industry on enforcement changes addressing fall hazards during residential construction. Residential fall protection training seminars were conducted around the state; a Residential Fall Protection fact sheet was developed; a Residential Fall Protection Solutions Forum was held; and a Residential Fall Protection Training Webcast was developed consisting of three separate modules, quizzes, a Q&A segment, and a link to additional fall protection resources. The web address is <http://miosha.mihealth.org>

A temporary “phase in” enforcement policy was in place for two years to allow additional time for residential builders to become compliant with the revised fall protection requirements. On December 16, 2013, the “phase in” enforcement policy was rescinded and is no longer in effect. This information is posted on the MIOSHA website.

MIOSHA focused more of their enforcement activities on residential construction in 2013. Inspections of single and multi-family homes increased 75% over the previous year; from 362 inspections in 2012 to 637 inspections in 2013.

### **Protecting Workers from the Effects of Heat.**

In 2013, as the weather got warmer, MIOSHA renewed its efforts to protect workers, from the effects of heat. MIOSHA developed heat illness educational materials in English and Spanish, as well as a curriculum to be used for workplace training.

Activities related to the heat initiative included:

- Distributed literature for the Campaign to Prevent Heat Illness at expos MIOSHA CET consultants attended. In FY2013, consultants participated in 14 expos and trade shows.
- Information was made available on the MIOSHA website with links to the OSHA website.
- Promoted the campaign at the 2013 Michigan Safety Conference at the MIOSHA booth and in the MIOSHA Update program (presented both days of the conference by the MIOSHA director and deputy director).
- Mailed 592 heat stress letters to agricultural employers.
- The late summer/early fall MIOSHA News ran an article on OSHA’s New Mobile App: Heat Safety Tool.

### **Preventing Electrocutions Initiative**

In 2013, MIOSHA continued its Preventing Electrocutions Initiative to prevent fatalities caused by electrical hazards and to increase awareness about electrocutions in the workplace and to remind employers they are required to provide the appropriate protection and training to employees exposed to electrical hazards. As part of the initiative, MIOSHA developed three fact sheets to highlight the information and resources available to help employers protect their workers from electrical hazards. In 2013, MIOSHA construction staff collaborated with the electrical power industry to provide training on power pole setting procedures and electrical power line safety.

### **Global Harmonization System Initiative**

In FY 2013, 28 sessions with a total of approximately 1,400 attendees were held highlighting the revisions to the hazard communication standard including new requirements for hazard classification, labeling, safety data sheets, and employee information and training. In addition, a Hazard Communication Employee Training Program was developed and made available on the MIOSHA website along with links to additional resources and OSHA tools.

## **Partnerships and Alliances**

### **MIOSHA Partnerships**

In May 2004, MIOSHA established a program to permit partnerships between MIOSHA and an individual employer, employees, and/or their representatives or a group of employers, employees, and/or their representatives. Partnerships are cooperative agreements that provide an opportunity for the agency to carry out its mission through use of non-traditional approaches for enforcement, provide opportunities to share best practices on safety and health approaches, and leverage program resources. MIOSHA construction partnerships have had injury/illness rates far below the industry average for similar work.

MIOSHA had 14 active partnerships in FY2013; seven of which were newly signed:

- **UAW/Ford/ACH/MIOSHA Partnership** – In 2002, Ford Motor Company, Visteon, the United Auto Workers and MIOSHA entered into partnerships to improve worker safety and health in Ford and Visteon facilities. 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. On August 9, 2011 MIOSHA signed a new partnership agreement with UAW/Ford/ACH. A total of four MIOSHA Day visits were completed in 2013.
- **Detroit Edison** - In September 2007, MIOSHA signed their 5<sup>th</sup> construction partnership at the Monroe Power Plant Environmental Controls Project. The

partnership was renewed in October 2012. This is a \$600 million project that will span several years of work. The prime contractors are DTE Energy, URS, Babcock and Wilcox Co., Hamon Custodis, and Ideal Contracting.

- **Barton Malow Company** – In April 2012, MIOSHA signed its 14<sup>th</sup> partnership in construction at the St. Joseph Mercy Oakland Hospital Campus Regeneration Project. Barton Malow Co. is the project manager for the \$129-million regeneration investment for Trinity Health.
- **Walsh Construction** – In November 2012, MIOSHA signed its 18<sup>th</sup> construction partnership at the existing Waste Water Treatment Plant in Ann Arbor. This is a 5 year renovation project that includes rehabilitating existing flow control structures, complete demolition and replacement of primary and secondary treatment equipment and construction of new buildings.
- **Detroit Regional Convention Facility Authority** - In April 2013, MIOSHA signed its nineteenth construction partnership for Phase III of the Cobo Convention Center Capital Improvement Program (Cobo Hall) located in downtown Detroit. This is the final phase and most capital intense portion of the program. It includes the development of a new 38,000 sq. ft. ballroom and meeting rooms in the former sports and concert arena.
- **Miron Construction** - In April 2013, MIOSHA signed its twentieth partnership in construction at the Northern Michigan University Jamrich Hall Replacement Project in Marquette. This is a 133,000 square foot educational facility that will replace the existing Jamrich hall built in 1969. It will house lecture halls, classrooms, and faculty offices. The facility will consist of steel frame construction with masonry back-up, brick veneer and metal panel accents.
- **Elzinga & Volkers** – In June 2013, MIOSHA signed its 21<sup>st</sup> construction partnership at the Spectrum Health Medical Group ICC Beltline Project located in Grand Rapids. The new 120,000 square foot integrated care campus facility is a conventional steel construction building with engineered metal stud walls and masonry, metal panels and glass storefronts. The interior of the facility will be installed on an access floor system with stranded metal stud and drywall walls construction.
- **O'Brien Construction Co.** - In July 2013, MIOSHA signed its 22<sup>nd</sup> construction partnership at the Lincoln Park Lofts Project. This is a renovation and new construction project consisting of parking on the first level and residential apartment units on the 2<sup>nd</sup> and 3<sup>rd</sup> levels. The existing building is a theatre that has been abandoned for the past few years.
- **DTE Electric Co., Barton Malow, and Black & Veach** – In September 2013, MIOSHA signed its 23<sup>rd</sup> construction partnership at the North Area MATS project in St. Clair Co. The project includes the addition of Dry Sorbent Injection

(DSI) Systems and Activated Carbon Injection (ACI) Systems at Belle River Powerhouse Units 1 and 2; St. Clair Powerhouse Units 1, 2, 3, 4, 6, and 7.

- **Pioneer Construction** - In September 2013, MIOSHA signed its 24<sup>th</sup> construction partnership at the Grand Valley State University Biology Lab Project in Allendale. The project consists of 150,500 +/- square feet of laboratory, academic, faculty office suites, and study areas. Grand Valley State University is seeking LEED silver certification for the new building.

### **Partnerships Completed in FY2013**

- **Christman Co. -Four Winds Casino-Dowagiac** - This project was completed in May 2013, logging 67,585 hours with 0 lost time incidents.
- **Christman Co. -Lansing Board of Water and Light Reo Town Plant** - This project was completed in June 2013, logging 434,728 hours with 2 lost time incidents.
- **Pioneer Construction Co. – Grand Valley State University Mary Idema Pew Library Project** –This project was completed in June 2013, logging 233,636 hours with 2 lost time incidents.
- **Walbridge/dck Joint Venture – Wayne County Consolidated Jail Facility** - This project was suspended in June 2013 and the partnership was cancelled.

### **MIOSHA Alliances**

In December 2003, MIOSHA established a program to encourage formal alliances between MIOSHA and a variety of organizations. Alliances are a formal agreement between MIOSHA and an organization or employer committed to workplace safety and health. An alliance provides the opportunity for MIOSHA to partner with organizations to reach out, educate, and to encourage improvements in workplace safety and health. MIOSHA has the following alliances:

- American Society of Safety Engineers – Greater Detroit Chapter, West Michigan Chapter, and Lansing Chapter
- Associated Builders and Contractors, Southeastern Michigan Chapter
- Associated General Contractors (AGC) Michigan Chapter
- Comcast Michigan Region
- Construction Association of Michigan (CAM)
- Green Industry Organizations in Michigan
- Health Care Association of Michigan (HCAM)
- Macomb Community College
- Manufacturing Technology Mutual Insurance Company (formerly Michigan Tooling Association Workers' Compensation Fund)
- Michigan Laborers Training & Apprenticeship Institute (MLTAI)

- Michigan Society for Infection Prevention & Control (MSIPC)
- The Office of the State Employer
- Operating Engineers Local 324 Journeyman & Apprentice Training Fund, Inc.
- Precision Metalforming Association (PMA) and West Michigan Districts
- University of Michigan Center for Occupational Health and Safety Engineering
- U.S. Department of Labor's Occupational Safety and Health Administration, Toledo, Cleveland, and Lansing Area Offices, MIOSHA and the Consulate of Mexico in Detroit

## **Other Significant Activities**

### **Significant Cases**

1. On October 14, 2011, the Construction Safety and Health Division alleged one Serious and six Serious/Willful violations to Hydaker-Wheatlake Co. as a result of a catastrophe investigation in which five workers were sent to the hospital after receiving electrical shocks and burns when the utility pole they were setting contacted 69,000 volt power lines. The total penalties were \$384,300. This case was resolved in August 2013 by an enhanced settlement agreement which included, in addition to other terms, the following provisions:
  - a. \$100,000 contribution toward two community colleges' electrical line-worker training and safety curriculum programs;
  - b. A joint presentation with MIOSHA to the electric utility industry on safe pole-setting practices at the 2014 Michigan Safety Conference;
  - c. Enhanced training and pre-job requirements for employees who perform pole-setting operations;
  - d. A zero-tolerance discipline policy for rubber gloves and sleeves violations;
  - e. Quarterly safety meetings with MIOSHA;
  - f. Monthly reporting requirements for qualifying transmission line projects; and
  - g. \$42,000 in penalties.
  
2. On November 29, 2012, the Asbestos Section of the Construction Safety and Health Division issued citations with total penalties of \$102,750 to ACS Partners LLC. MIOSHA identified nine violations of MIOSHA regulations. The citations consisted of three Willful/Serious and six Serious violations. This was a complaint inspection. This case is currently under appeal.
  
3. On December 14, 2012, the Construction Safety and Health Division issued citations with total penalties of \$101,800 to Morris Painting Co. as a result of two variance inspections that took place at separate locations. MIOSHA identified 11

Willful/Serious and two Serious violations mostly for fall protection issues and not following the stipulations of the variance when painting energized power transmission towers. This case is currently under appeal.

4. On May 13, 2013, the General Industry Safety and Health Division issued citations with total penalties of \$117,800 to AJM Packaging Corp. MIOSHA identified 14 violations of MIOSHA regulations. The citations consisted of six Repeat-Serious and eight Serious violations. This was a planned comprehensive reinspection. The most serious violations included confined space, machine guarding, guarding for power transmission, and lockout/tagout. This case is currently under appeal.
5. On June 7, 2013, the General Industry Safety and Health Division issued citations with total penalties of \$151,000 to Michigan Seamless Tube LLC. MIOSHA identified five violations of MIOSHA regulations. The citations consisted of two Willful/Serious, two Serious, and one Other-than-Serious violations. This was a planned partial inspection. The most serious violations included machine guarding and lockout/tagout. This case is currently under appeal.
6. On July 19, 2013, the Construction Safety and Health Division issued citations with total penalties of \$144,000 to JD Candler Roofing Co. Inc. MIOSHA identified 15 Serious and one Repeat/Serious violations. This was a fatality and a program-related (companion) investigation. The violations were mainly for fall protection issues and inadequate accident prevention program. This case is currently under appeal. On October 14, 2011, the Construction Safety and Health Division alleged seven violations to Hydaker-Wheatlake Co. as a result of a catastrophe investigation in which five workers were sent to the hospital after receiving electrical shocks and burns when the utility pole they were setting contacted 69,000 volt power lines. Six of the violations were classified as Serious/Willful and one was classified as Serious. The total penalties were \$384,300. This case is currently under appeal.
7. On October 12, 2012, the General Industry Safety and Health Division issued three sets of citations with total penalties of \$104,300 to Liquid Manufacturing. The inspections were initiated by a complaint. The three cases resulted in 34 serious, 2 repeat, and 19 other-than serious violations. The most serious violations included machine guarding and electrical hazards. The cases are currently under appeal.

### **Michigan Industrial Ventilation Conference**

The 62nd Annual Industrial Ventilation Conference was held on February 3 through 8, 2013. Each year MIOSHA sponsors this nationally recognized conference with the help of experts from across the U.S. and Canada who provide instruction on the design, construction, use, and testing of industrial ventilation systems. CETD staff worked with Michigan State University, the Lansing Area Safety Council, and 25 instructors to make

sure the conference was a great learning experience for the students. This year's conference had 56 attendees. Another 40 individuals attended two optional workshops addressing combustible dust and troubleshooting of industrial ventilation systems. A review of the conference evaluations shows that the conference was an overwhelming success.

### **Website Improvements**

During FY 2013, MIOSHA used the website to provide timely access to information supporting our strategic goals including:

- Sent out the new MIOSHA eNews via the ListServ and posted to the Newsletter page
- Revised the MIOSHA FAQs
- Added four new Construction Fact Sheets: Highlights of the New Part 10 – Lifting & Digging Standard; Dangers of Pneumatic Nail Guns with Contact Triggers; Scaffold Weather Protection-Wind Load Factors; Suspended Scaffold Safety. Updated 18 existing Construction Fact Sheets
- Added new CET Grant Information to the Grant page
- Added a document to the homepage for the Progress of Revisions to MIOSHA Rules
- Added new links to the MIOSHA Partnership Program page that includes links to each active partnership project which highlights best practices.

The web page can be viewed at [www.michigan.gov/miosha](http://www.michigan.gov/miosha)

### **MIOSHA Awards**

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

MIOSHA has long recognized the value of cooperative efforts by employers, employees, and government agencies to reduce hazards and strengthen worker protection. The Michigan Voluntary Protection Program (MVPP), which recognizes employers and employees who have established effective safety and health management systems, has been particularly successful. However, the MVPP was designed primarily for fixed workplaces, and most businesses within the construction industry have not been able to participate. Representatives of MIOSHA Administration, CSHD and CET have worked with leading construction trade associations, labor organizations, and employers to find ways to adapt the MVPP model to the unique characteristics and challenges of the construction industry. In collaboration with labor and industry, MIOSHA designed the Michigan Voluntary Protection Program for Construction (MVPPC). The MVPPC program was launched in 2009. In FY2010, the first construction company qualified for the MVPPC Star Award: Walbridge (Couzens Hall Project), Detroit, followed by Holly Construction Company, Belleville.

**Michigan Voluntary Protection Programs (MVPP) Star Companies**  
**Updates can be found at [www.michigan.gov/mvpp](http://www.michigan.gov/mvpp)**

Star sites are available to mentor other companies that have an interest and desire to improve their safety and health management system. Mentors inform, counsel, train, provide tours, and assist other establishments with reducing injuries and illnesses, and strive to achieve excellence in safety and health through the MVPP.

- West Michigan Air Care, Kalamazoo – Star Award: April 30, 2002; Reevaluation Approval: December 2, 2005, March 13, 2009, and July 12, 2013
- Occidental Chemical Corporation, Ludington Plant (formerly Dow Chemical) – Star Award: October 10, 2002; Reevaluation Approval: January 17, 2006, July 28, 2009, and October 8, 2012
- Verso Paper Quinnesec Mill, Norway – Star Award: March 26, 2001; Reevaluation Approval: March 9, 2005, October 23, 2008, and October 10, 2011
- Johnson Technology, Inc., Latimer Plant, Muskegon – Rising Star: November 27, 2002; Star Award: March 10, 2003; Reevaluation Approval: February 16, 2007 and November 23, 2010
- Huntsman Polyurethanes, Auburn Hills – Rising Star Award: August 7, 2002; Star Award: February 27, 2004; Reevaluation Approval: June 11, 2007 and February 3, 2011
- Herman Miller, Greenhouse Seating Operations, Holland – Star Award: March 7, 2005; Reevaluation Approval: October 3, 2008 and August 3, 2011
- Johnson Technology, Inc., Muskegon – Rising Star Award: November 26, 2003; Star Award: April 14, 2004; Reevaluation Approval: January 23, 2007 and November 23, 2010
- Detroit Edison Fermi 2, Newport – Star Award: May 7, 2004; Reevaluation Approval: August 15, 2007 and September 3, 2010
- Alcoa Howmet, Whitehall Operations – Star Award: May 7, 2004; Reevaluation Approval: September 4, 2007 and October 6, 2010
- International Paper, Converting & Distribution Center, Sturgis – Star Award: February 10, 2005; Reevaluation Approval: August 25, 2008 and October 26, 2011
- Georgia-Pacific Corrugated, Albion – Star Award: July 28, 2005; Reevaluation Approval: October 23, 2008; Conditional Approval: January 10, 2012
- Georgia-Pacific, Beaver Creek Resin Plant, Grayling – Star Award: May 10, 2007; Reevaluation Approval: May 13, 2011
- Herman Miller, Spring Lake – Star Award: March 22, 2006; Reevaluation Approval: October 16, 2009 and February 8, 2013
- Herman Miller, Midwest Distribution, Holland – Star Award: December 22, 2006; Reevaluation Approval: June 11, 2009, October 27, 2011, November 20, 2012
- DTE Energy, River Rouge Power Plant, River Rouge – Rising Star Award: October 16, 2009; Star Award: February 29, 2012
- United Water, Wixom Waste Water Treatment, Wixom: Rising Star Award: March 10, 2009; Star Award: September 27, 2012

- Sherwin-Williams, Holland – Rising Star Award: February 27, 2006; Star Award: July 18, 2007; Reevaluation Approval: January 27, 2011
- Monsanto Company, Constantine – Star Award: December 4, 2007; Reevaluation Approval: January 27, 2011
- Covanta Kent, Inc., Grand Rapids – Star Award: March 31, 2008; Reevaluation Approval: October 26, 2011
- Pfizer Global Manufacturing, Kalamazoo Operations – Star Award: March 31, 2008; Reevaluation Approval November 2, 2011
- Dow Corning Corporation, Auburn Site – Star Award: April 2, 2008; Reevaluation Approval: May 24, 2011
- DTE Energy, Milford Compressor Station/Michcon, Milford – Star Award: April 17, 2008; Reevaluation Approval December 13, 2011
- Herman Miller, Inc., Main Site, Zeeland – Star Award: July 17, 2008; Reevaluation Approval: August 3, 2011
- Marathon Petroleum Company, Detroit Refinery, Detroit – Rising Star Award: April 7, 2009; Star Award: July 28, 2010
- Michigan Packaging Company, Mason – Rising Star Award: September 10, 2010; Star Award: January 29, 2013
- Potlatch Land & Lumber, Gwinn – Rising Star Award: November 8, 2010; Star Award – February 8, 2013
- United Airlines – Star Award: August 8, 2011
- Herman Miller, Inc. Hickory Facility, Spring Lake – Star Award: January 20, 2012
- Saki3, Ann Arbor – Star Award: July 20, 2013

**Michigan Voluntary Protection Programs (MVPP) Rising Star Companies**  
**Updates can be found at [www.michigan.gov/mvpp](http://www.michigan.gov/mvpp)**

- Albemarle Corporation – Rising Star Award: April 20, 2012

**Michigan Voluntary Protection Programs for Construction (MVPPC) Star Companies**  
**Updates can be found at [www.michigan.gov/mvpp](http://www.michigan.gov/mvpp)**

- Walbridge, Couzens Hall Project, Detroit – Star Award: August 25, 2010; Continued Star Award for Alice Lloyd Hall Project: July 21, 2011; Designated Geographical Area (DGA) Star: August 14, 2012
- Holly Construction Company – Star Award: September 14, 2010

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

Updates can be found at [www.michigan.gov/msharp](http://www.michigan.gov/msharp)

- Alco Tec Wire Corporation, Traverse City – Award Date: September 5, 2006; Recertification: June 3, 2008 and March 17, 2011
- Aleris Specifications Alloys, Inc. (formerly Imco Recycling), Coldwater North Plant – Award Date: December 13, 2004; Recertification: May 20, 2007 and January 25, 2011
- Aleris International, Inc. (formerly Imco Recycling), Saginaw – Award Date: March 20, 2007; Recertification: November 10, 2010
- Liqui-Force Services (USA), Inc., Romulus – Award Date: June 1, 2007
- Northern Coatings and Chemical, Menominee – Award Date: November 1, 2005; Recertification: May 10, 2007 and March 16, 2010
- Fibrek Menominee Mill (formerly SFK Pulp & Recycling U.S. Inc., Great Lakes Pulp & Fiber), Menominee – Award Date: December 2, 2005; Recertification: August 16, 2007, March 25, 2010, and November 30, 2011
- Steel Industries, Plant 1, Forging, Ring Rolling and Heat Treating, Redford Township – Award Date: November 1, 2005; Recertification: August 2, 2007 and June 17, 2010
- Steel Industries, Plant 2, Machine Shop, Redford Township – Award Date: August 16, 2007; Recertification September 1, 2010
- Steel Industries, Plant 4, Machine Shop, Redford Township – Award Date: September 7, 2007; Recertification: March 18, 2010
- Quality Aluminum Products, Inc., Hastings – Award Date: February 13, 2008; Recertification: June 23, 2011
- Midwest International Standard Products, Inc., Charlevoix – Award Date: May 12, 2008; Recertification: November 20, 2010
- Arnold Center Incorporated, Midland – Award Date: May 14, 2009
- Arnold Center Incorporated, Gladwin – Award Date: May 14, 2009; Recertification March 15, 2013
- Steel Industries, Plant 3, Heat Treating Complex, Redford Township – Award Date: June 11, 2010
- Steel Industries, Plant 5, Livonia – Award Date: August 25, 2010
- AWTEC, Plymouth – Award Date: March 15, 2011
- Glastender, Inc., Saginaw – Award Date: March 15, 2011
- Burkland Incorporated, Goodrich – Award Date: April 4, 2011
- Siemens Industry Incorporated, Benton Harbor – Award Date: April 4, 2011
- Associated Spring, Saline – Award Date: April 22, 2011
- Metal Sales Manufacturing Corporation, Bay City – Award Date: May 3, 2011
- CH2MHILL, Canton – Award Date: June 1, 2011
- IHC, Inc. Detroit – Award Date: September 22, 2011
- Commercial Tool & Die, Inc., Comstock Park – Award Date : May 23, 2012
- Ambassador Steel Fabrication, LLC, Comstock Park – Award Date: February 2, 2013

- Transmatic Manufacturing Company Inc., Holland – Award Date: February 8, 2013
- Central Logistics, East Division, Grandville – Award Date: May 2, 2013

### **CET Awards**

#### **CET Bronze Awardees**

#### **Effective Date**

Detroit Thermal, Inc.	March 2013
Bosco's Pizza Company	February 2013
Circuit Controls Corporation	October 2012
Bluewater Thermal Solutions	September 2012
DTE Energy	July 2011
The Environmental Quality Company	June 2011
Merrill Tool and Machine	February 2011
Faygo Beverages, Inc., Detroit	June 2010
Alro Steel, Grand Blanc	April 2010
Associated Spring/Barnes Group, Inc., Saline	April 2010
Esco Company LLC, Muskegon	March 2010
Lorin Industries, Muskegon	November 2009
Eberspaecher – North America, Brighton	October 2009
Grand Blanc Processing LLC, Holly	September 2009
Tailor Weld Blanks (TWB Inc.), Monroe	May 2009
Country Fresh LLC, Plant Operations, Grand Rapids	January 2009
Asahi Kasei Plastic North America, Fowlerville	May 2008
Kerry Steel Processing, Dearborn	August 2007
The SYGMA Network, Inc., Monroe	February 2007
Acument Global Technologies, Goodrich	February 2007
Terex Simplicity (Engineering), Durand	June 2006
Borg Warner Emissions/Thermal System, Cadillac	April 2006
Focus Hope – Manufacturing, Detroit	August 2005
Uni Boring, Detroit	July 2005
Olympic Steel, Inc., Detroit	June 2005
Connor Sports Flooring, Amasa	April 2005
Continental Aluminum Corp., New Hudson	November 2004
Webasto Roof Systems, Inc., Livonia	September 2004
Unistrut Corp., Wayne	April 2004
Flat Rock Metal, Flat Rock	November 2003
Pall Life Sciences, Ann Arbor	October 2003
Gilreath Manufacturing, Howell	May 2003
Martinrea Ind., Inc., Manchester	May 2003
Martinrea Ind. Inc., Dexter	May 2003
Horizon Technology Group, Wyandotte	May 2003
Johnson Controls, Southview, Holland	July 2002
Keykert USA, Webberville	September 2001
Guardian Industries, Carleton	September 2001
Grand Rapids Spring & Stamping, Inc., Grand Rapids	February 2001

Borg Warner, White Pigeon

January 2000

**CET Silver Awardees**

Cintas Corporation #354

**Effective Date**  
May 2012

Cintas Corporation #724

May 2012

Comau Inc., Novi

June 2010

Comau Inc., Southfield

June 2010

Comau Inc., Novi

June 2010

Comau Inc., Southfield

May 2010

Comau Inc., Southfield

May 2010

SMS Millcraft Services

April 2009

Country Fresh, LLC

October 2007

Terex Simplicity, Durand

July 2007

Textron Fastening Systems, Holly

March 2006

Northern Concrete Pipe, Inc., Charlotte

September 2005

Focus Hope Center for Children, Detroit

August 2005

Focus HOPE Center Machinist Training Institute, Detroit

August 2005

Aristo Cast, Almont

February 2005

Northern Concrete Pipe, Inc., Bay City

April 2004

Michigan Tube Company, Eau Claire

October 2002

Focus Hope, Information Technology Center, Detroit

May 2002

Johnson Controls, Meadowbrook, Holland

May 2002

Brass Craft Manufacturing Co., Brownstown Township

November 2001

J D Metal Works, Clare

May 2001

IMCO – Alchem, Coldwater

May 2001

Multech Inc., Baroda

December 2000

**CET Gold Awardees**

Marathon Petroleum Company LP

**Effective Date**  
February 2013

Belle River Power Plant

August 2012

Berkley Screw Machine Product

June 2012

Midwest Rubber

November 2011

Merrill Engineering & Integration

August 2011

Vision Institute of Michigan

July 2011

Marsh Construction Company

July 2011

Siemens Industry Inc., Benton Harbor

July 2010

PSC Environmental Services, Detroit

June 2010

SMS Millcraft, Taylor

March 2010

International Paper Company

August 2009

TEKNA Inc.

April 2009

S & Z Sheetmetal

May 2008

Gestamp Alabama Inc

October 2007

Kappen Tree Service, Cass City

August 2007

Utility Lines Construction, Belleville

July 2007

Northern Concrete Pipe, Inc.

May 2007

Aristo Cast, Almont

March 2007

Northern Concrete Pipe, Inc., Bay City	February 2007
Focus Hope Center for Children,- Detroit	September 2006
Focus Hope Machinist Training, Detroit	September 2006
Walbridge Aldinger, Detroit	June 2006
Clark Construction, Lansing	August 2005
Christman Company, Lansing	August 2005
Sheridan Industries, Inc., Albion	November 2002
Hutchinson FTS, Jonesville Plant, Jonesville	February 2002
Interamerican Zinc,- Coldwater	September 2001

**CET Platinum Awards**

Roncelli Inc.	July 2011
Dow Corning Corporation	June 2011
Huntsman Corporation	June 2011
Northern Concrete Pipe	January 2011
DTE Energy	December 2010
Northern Coatings & Chemicals Co., Inc.	October 2010
Alco Tec Wire Corporation, Traverse City	June 2010
Walbridge, Detroit	June 2010
Clark Construction, Lansing	April 2010
Gestamp Alabama Inc., Lapeer	April 2010
Country Fresh LLC	September 2009
U.S. Gypsum Company	September 2009
Sara Lee Bakery – Traverse City	November 2005
Federal Mogul Corp. MPT – Ann Arbor	May 2002
Federal Mogul Corp. - Ann Arbor	May 2002
Bananza Air Managements Systems, Inc. - Kentwood	July 2001

**Effective Date**

July 2011
June 2011
June 2011
January 2011
December 2010
October 2010
June 2010
June 2010
April 2010
April 2010
September 2009
September 2009
November 2005
May 2002
May 2002
July 2001

**MIOSHA Ergonomic Innovations Awardees**

Lacks Industries, Inc.	September 2011
Magna International	September 2011
Country Fresh LLC, Grand Rapids	October 2009
ADAC Automotive	August 2008
Interamerican Zinc	January 2008
Alfe Heat Treating, Inc., Saginaw	August 2007
Total Door “An Openings Company”, Pontiac	August 2007
Metal Works, Ludington	November 2005
Michigan Rubber Products, Cadillac	September 2005
Gestamp US Hardtech, Mason	May 2005
S C Johnson, Bay City	March 2005
Dura Automotive Systems, Gladwin	February 2004
Tenneco Automotive, Litchfield	November 2003
Rexair, Cadillac	March 2003
Rohm & Haas Company, Manistee	May 2002
Lacks Enterprises, Inc. 4375 52nd Street SE, Kentwood	February 2002
Lacks Enterprises, Inc. 4275 Airwest S.E., Kentwood	February 2002

**Effective Date**

September 2011
September 2011
October 2009
August 2008
January 2008
August 2007
August 2007
November 2005
September 2005
May 2005
March 2005
February 2004
November 2003
March 2003
May 2002
February 2002
February 2002

Plastic Plate Inc., Grand Rapids	February 2002
A Division of Lacks Enterprises, Plastic - Plate 1	
Fernco, Davison	September 2001
Woolf Aircraft, Romulus	March 2001
Radar Industries, Warren	February 2001
Lacks Industries Inc. 52nd Street SE, Kentwood	July 2000
Lacks Industries Inc. Barden Rd. SE, Kentwood	July 2000

**MIOSHA Ergonomic Success Awardees**

Mid Michigan Medical Center, Gladwin	<b><u>Effective Date</u></b> November 2009
Pfizer Global Manufacturing	August 2008
Michigan Rubber Products, Cadillac	January 2006
Cascade Engineering, Container Plant, Grand Rapids	April 2005
Emerson Tool Co., Menominee	February 2004
Brass Craft Manufacturing Co., Brownstown Twp.	July 2000

**MIOSHA Certificate of Recognition**

Inalpha SSI Roof Systems, Inc.	<b><u>Effective Date</u></b> July 2009
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## SECTION 6 - Communications Accomplishments FY 2013

### MIOSHA News

The MIOSHA News is a quarterly publication of the Michigan Occupational Safety and Health Administration (MIOSHA). The purpose is to educate Michigan employers and employees about workplace safety and health. The newsletter covers a wide range of safety and health information and the benefits of protecting workers, with special emphasis on Strategic Plan goals and objectives. The circulation is more than 18,000 individuals and/or companies. We printed 22,000 copies of each issue this fiscal year, so that safety and health officers and consultants can use the publication in their MIOSHA duties. All past issues of the MIOSHA News are on our website at [www.michigan.gov/miosha](http://www.michigan.gov/miosha).

### MIOSHA eNews

The MIOSHA eNews is an electronic newsletter that is emailed via the CET ListServ the first Tuesday of every month to more than 4,900 subscribers. MIOSHA uses this monthly newsletter to share current MIOSHA information, including: Policy and Procedure Changes, Standards Changes, MIOSHA Instructions, Significant Cases, Press Releases, MTI Training Calendar, and USDOL/OSHA Information. This outreach tool is a prime example of MIOSHA providing timely and valuable information to employers and employees in the state of Michigan. All past issues of the MIOSHA eNews are on our website at [www.mi.gov/mioshanews](http://www.mi.gov/mioshanews).

### Press Material

Press releases, media advisories and fact sheets are disseminated and the news media are alerted each time there is a MIOSHA activity which is relevant to the greater community. MIOSHA settlement agreements and other substantial compliance activities are communicated. Events are planned for significant activities, such as MVPP Awards, MSHARP Awards, CET Awards, and unusual seminars and conferences. These events may feature the LARA Director, LARA Deputy Director and/or MIOSHA officials to enhance the newsworthy aspects of the events. Many of the press releases and events received media coverage. The full advisories and press releases are on the MIOSHA website at [www.michigan.gov/miosha](http://www.michigan.gov/miosha).

**In FY 2013, MIOSHA issued 48 press releases and/or media advisories.**

**Press Release – 09/11** - Pioneer Construction and MIOSHA Sign Partnership to Protect Workers at Grand Valley State University Biology Lab and Market Place Project

**Media Advisory & Press Release – 09/17 & 09/18** - MIOSHA Invites Employers and Workers to Share a Cup of Coffee and Learn about the Benefits of Workplace Safety and Health; "Coffee with MIOSHA"

**Press Release – 09/05** – Columbian Logistics Network Receives SHARP Award for Workplace Safety and Health Excellence

**Media Advisory & Press Release – 08/08 & 08/09** - MIOSHA Invites Employers and Workers to Share a Cup of Coffee and Learn about the Benefits of Workplace Safety and Health; "Coffee with MIOSHA"

**Press Release – 08/12** – MIOSHA Invites Employers to “Take a Stand” for Safety and Health

**Press Release – 08/20** - MIOSHA Invites Employers and Workers to Share a Cup of Coffee and Learn about the Benefits of Workplace Safety and Health; "Coffee with MIOSHA"

**Press Release – 07/09** - O'Brien Construction Company, Partnering Subcontractors and MIOSHA Sign Partnership to Protect Workers during Construction of the Lincoln Park Lofts Project

**Media Advisory & Press Release – 06/04 & 06/06** - MIOSHA Invites Employers and Workers to Share a Cup of Coffee and Learn about the Benefits of Workplace Safety and Health; "Coffee with MIOSHA"

**Press Release – 06/27** - Elzinga & Volkers Inc., Contractors and MIOSHA Sign Partnership to Protect Workers during Construction at the Spectrum Health ICC Beltline Project

**Media Advisory – 05/02** - MIOSHA Invites Employers and Workers to Share a Cup of Coffee and Learn about the Benefits of Workplace Safety and Health; "Coffee with MIOSHA"

**Press Release – 05/06** – Bluewater Thermal Solutions Receives State Award for Outstanding Safety and Health Record

**Press Release – 08/08** – MIOSHA Cancels Marathon Petroleum Company State Award Presentation

**Press Release – 05/29** – MIOSHA Invites Employers and Workers to Share a Cup of Coffee and Learn about the Benefits of Workplace Safety and Health; "Coffee with MIOSHA"

**Press Release – 04/03** - Bosco's Pizza Company Receives State Award for Outstanding Safety and Health Record

**Media Advisory & Press Release – 04/08 & 04/09** - Detroit Regional Convention Facility Authority Signs Partnership with MIOSHA to Ensure Worker Safety during Cobo Center Renovations

**Press Release – 04/17** – State Recognizes MIOSHA Training Institute (MTI) Graduates at the Michigan Safety Conference

**Press Release – 04/19** - Trans-Matic Receives MSHARP Award for Workplace Safety and Health Excellence

**Press Release – 04/25** - Miron Construction Co., Building Trades, Contractors and MIOSHA Sign Partnership to Protect Workers on Northern Michigan University Jamrich Hall Project

**Press Release – 04/25** - Potlatch Land & Lumber Receives MIOSHA's Highest Recognition Award of their Workplace Safety and Health Excellence

**Press Release – 04/11** - MIOSHA Celebrates 35 Years of Wage & Fringe Benefit Protection; MIOSHA's Wage & Hour Division Establishes New Toll Free Number to Commemorate Anniversary

**Press Release – 04/13** - Herman Miller's 171st Facility Center Receives Renewed MIOSHA Recognition of their Workplace Safety and Health Excellence

**Media Advisory & Press Release – 04/26 & 04/27** - SKF USA Inc. Receives State Award for Outstanding Safety and Health Record

**Press Release – 02/01** - Ambassador Steel Fabrication Receives SHARP Award for Workplace Safety and Health Excellence

**Media Advisory & Press Release – 02/07 & 02/08** - Yazaki's Circuit Controls Corporation Plant to Receive State Award for Outstanding Safety & Health Record

**Media Advisory & Press Release – 02/08 & 02/11** - United Water, Inc.'s Wixom Waste Water Treatment Plant to Receive MIOSHA's Highest Recognition Award of their Workplace Safety and Health Excellence

**Press Release – 02/14** - Herman Miller's Midwest Distribution Center Receives Renewed MIOSHA Recognition of their Workplace Safety and Health Excellence

**Press Release – 02/15** - MIOSHA Reminds Employers They Must Post Job-Related Injuries and Illnesses

**Press Release – 02/21** - MIOSHA and Manufacturing Technology Mutual Insurance Company Sign Alliance to Protect Workers

**Press Release – 01/31** - Ambassador Steel Fabrication to Receive SHARP Award for Workplace Safety and Health Excellence

**Press Release – 12/06** - MIOSHA and Michigan Society for Infection Prevention and Control Sign Alliance to Protect Workers

**Press Release – 12/20** - Occidental Chemical Corporation's Ludington Facility Receives Renewed MIOSHA Recognition of their Workplace Safety and Health Excellence

**Media Advisory & Press Release – 11/01 & 11/02** - MIOSHA and Operating Engineers Local 324 Journeyman & Apprentice Training Fund, Inc. to Sign Alliance to Protect Workers

**Press Release – 11/14** - MIOSHA and the Health Care Association of Michigan (HCAM) to Sign Alliance to Protect Long-Term Care Workers

**Press Release – 11/14** - Walsh Construction Company and Supporting Partners Sign Partnership with MIOSHA to Ensure Worker Safety during the Renovations of the Ann Arbor Waste Water Treatment Plant

**Press Release – 11/15** - MIOSHA and the Health Care Association of Michigan (HCAM) Form Alliance to Protect Long-Term Care Workers

**Press Release – 11/30** - MIOSHA and the American Society of Safety Engineers' Michigan Chapters Renew Alliance to Protect Workers and Enhance Safety

**Press Release – 10/05** - Berkley Screw Machine Products of Rochester Hills to Receive State Award for Outstanding Safety and Health Record

**Press Release – 10/09** - MIOSHA Announces \$865,000 for Worker Protection Grants; Nineteen Statewide Grants Will Provide Training Activities To Help Protect Michigan Workers Employed In High-Hazard Work Environments

**Press Release – 10/10** - Berkley Screw Machine Products of Rochester Hills Receives State Award for Outstanding Safety and Health Record

**Press Release – 10/11** - MIOSHA Program Recognized for Exemplary Workplace Practices; MIOSHA Awarded the Prestigious Alfred P. Sloan Award for Fifth Year in a Row