



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

**FY 2011**

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## INTRODUCTION

The State OSHA Annual Report (SOAR) for FY 2011 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 2011, MIOSHA continued activities directly related to the third year of the five-year MIOSHA Strategic Plan for FY 2009-2013. MIOSHA met many goals for FY 2011 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 will determine 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 three of the 13 general industries:

- 32% Decrease for Plastics & Rubber Products Manufacturing,
- 54% Decrease for Nonmetallic Mineral Product Manufacturing,
- 24% Decrease for Machinery Manufacturing,

Section 1 of the SOAR for FY 2011 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. Section 6 notes the major communication accomplishments for the past year.

During FY 2011, 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 2011 included:

- Implementation of a third phase of “Connecting MIOSHA to Industry” training intended to help staff produce collaborative and lasting relationships with employers with a goal of promoting the resources MIOSHA has to offer.
- 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 a *Protecting Workers in Tough Economic Times* initiative that included: penalty reduction, penalty payment plan, focused inspections, waiver of some FOI fees, prehearing site options, programmed inspection deferrals while working with CETD, good faith credits, MIOSHA Training Institute (MTI) training scholarships, increase in publication limits, improved access to standards, and free loan of safety videos.
- Continuation of a "Safety Pays" Campaign – When You Protect Your Workers...You Pay Yourself, which explained the cost benefits of safety programs.
- Participation in the seventh annual “Take a Stand Day” with about 209 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 fourth consecutive year.

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

Michigan State OSHA Annual Report (SOAR)

**SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS**

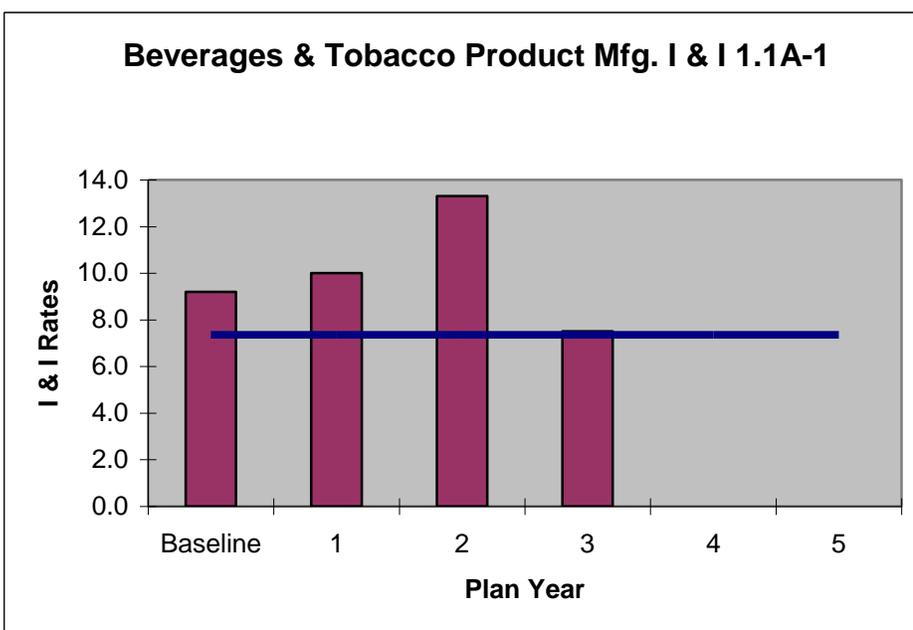
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Strategic Goal #1	Objective #1.1
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.	Reduce the rate of worker injuries and illnesses in high-hazard industries.

Emphasis #1.1A-1	Reduce by 20% the rate of worker injuries and illnesses in Beverage & Tobacco Product Mfg. (312)
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Enforcement Indicators	
Inspections completed:	Employees covered:
12	1,184

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:
173*	4,296*	6	1	481*	918**	189 ***	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 7.5 (BLS, 2010) is an 18.5% decrease from the baseline. Goal of 20% reduction was not achieved in year 3.

**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.  
 \*\* Individual industry totals for 23(g) consultation.  
 \*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

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-2</b>	Reduce by 20% the rate of worker injuries and illnesses in Wood Products Mfg. (321)	

Enforcement Indicators	
Inspections completed:	Employees covered:
34	1,188

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:
173*	4,296*	6	1	481**	918**	189***	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 8.3 (BLS, 2010) is a 3.8% increase from the baseline. Goal of 20% reduction was not met in year 3.

**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.

\*\* Individual industry totals for 23(g) consultation.

\*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

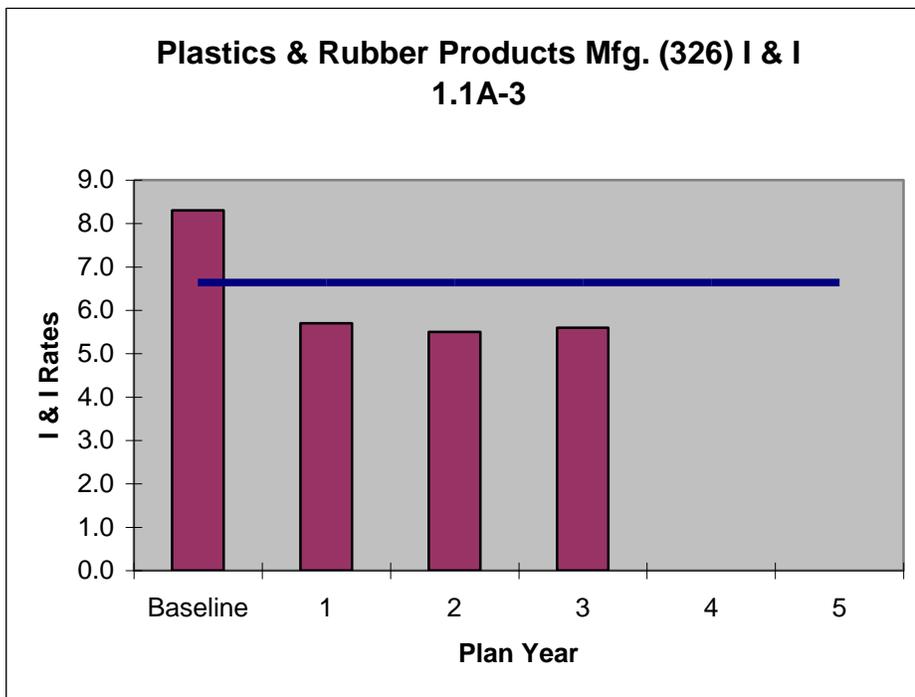
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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<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:
70	3,747

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:
173*	4,296*	6	1	481**	918**	189***	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 5.6 (BLS, 2010) is a reduction of 32.5% from the baseline, which exceeds in year 3 the goal of 20% reduction.

**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.

\*\* Individual industry totals for 23(g) consultation.

\*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1) Seminar announcements (125).

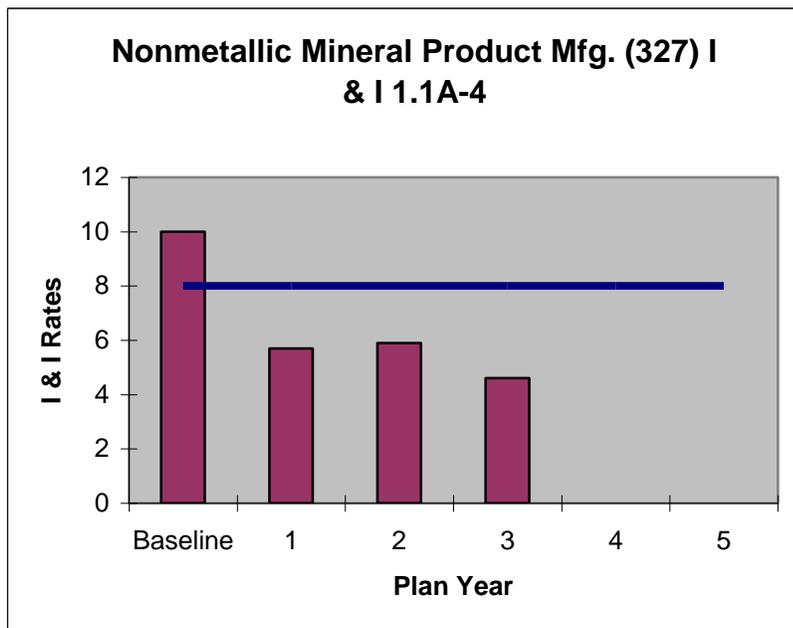
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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

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 #1.1 A-4	Reduce by 20% the rate of worker injuries and illnesses in Nonmetallic Mineral Product Mfg. (327)

Enforcement Indicators	
Inspections completed:	Employees covered:
15	545

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:
173*	4296*	6	1	481**	918**	189 ***	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 4.6 (BLS, 2010) is a reduction of 54% from the baseline, which exceeds in year 3 the goal of 20% reduction.

**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.

\*\* Individual industry totals for 23(g) consultation.

\*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

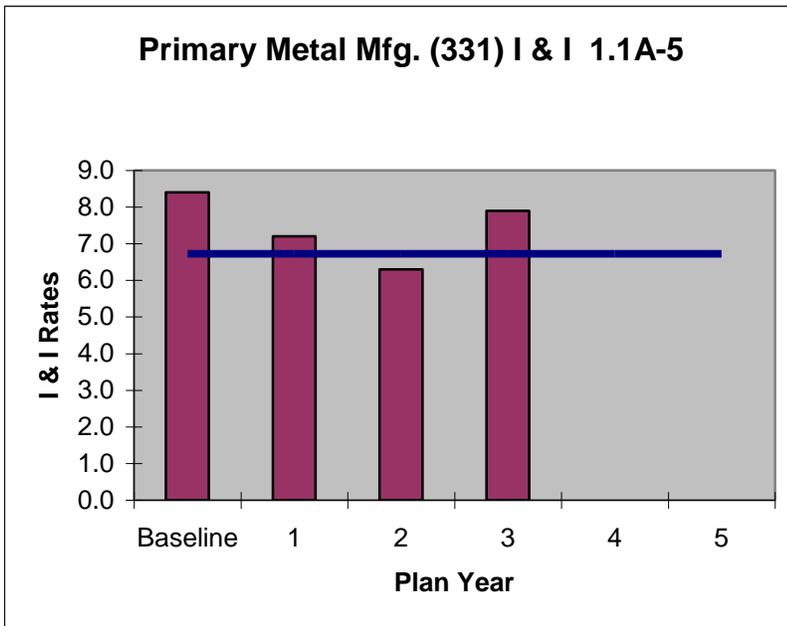
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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<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-5</b>	Reduce by 20% the rate of worker injuries and illnesses in Primary Metal Mfg. (331)	

Enforcement Indicators	
Inspections completed:	Employees covered:
43	4,480

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:
173*	4,296*	6	1	481**	918**	189***	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 7.9 (BLS, 2010) is a reduction of 6% from the baseline. Goal of 20% reduction was not met in year 3.

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

\*\* Individual industry totals for 23(g) consultation.

\*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125) .

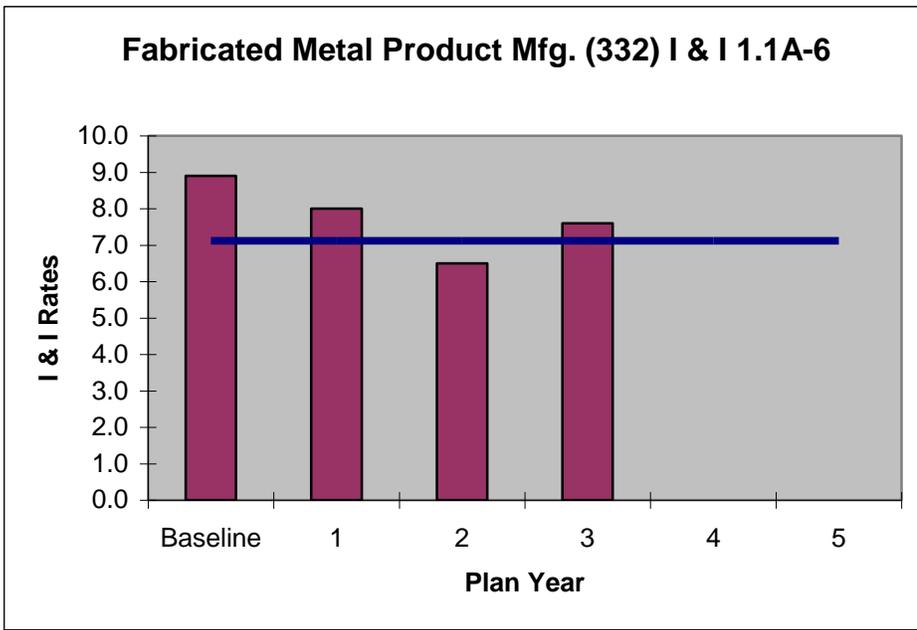
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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<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-6</b>	Reduce by 20% the rate of worker injuries and illnesses in Fabricated Metal Product Mfg. (332)	

Enforcement Indicators	
Inspections completed:	Employees covered:
200	8,199

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:
173*	4,296*	6	1	481**	918**	189 ***	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 7.6 (BLS, 2010) was a reduction of 14.6% from baseline. Goal of 20% reduction was not met in year 3.

**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.  
 \*\* Individual industry totals for 23(g) consultation.  
 \*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

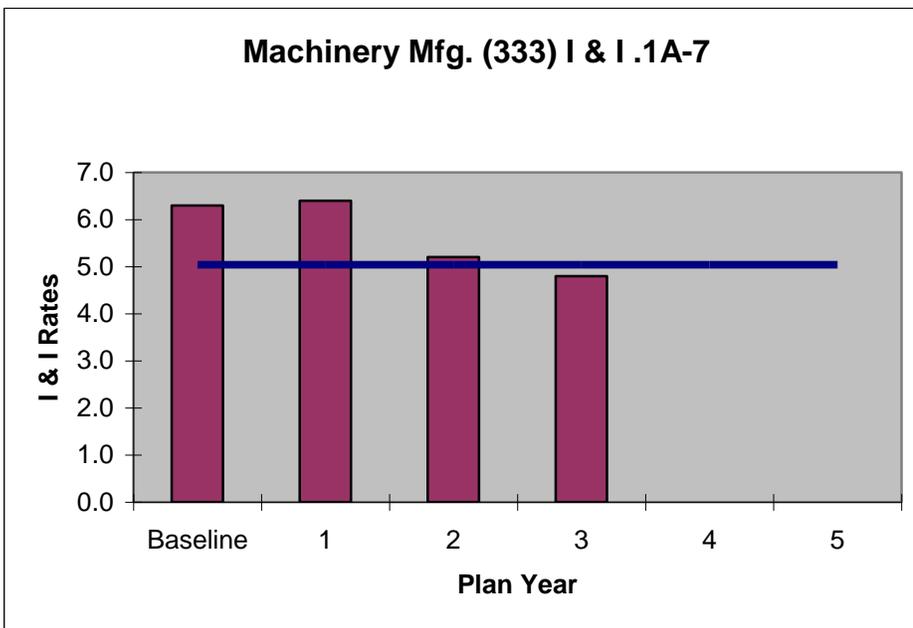
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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<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-7</b>	Reduce by 20% the rate of worker injuries and illnesses in Machinery Mfg. (333)	

Enforcement Indicators	
Inspections completed:	Employees covered:
110	4,427

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:
173*	4,296*	6	1	481**	918**	189 ***	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 4.8 (BLS, 2010) is a decrease of 23.8% from baseline. Goal of 20% reduction was achieved in year 3.

**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.

\*\* Individual industry totals for 23(g) consultation.

\*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

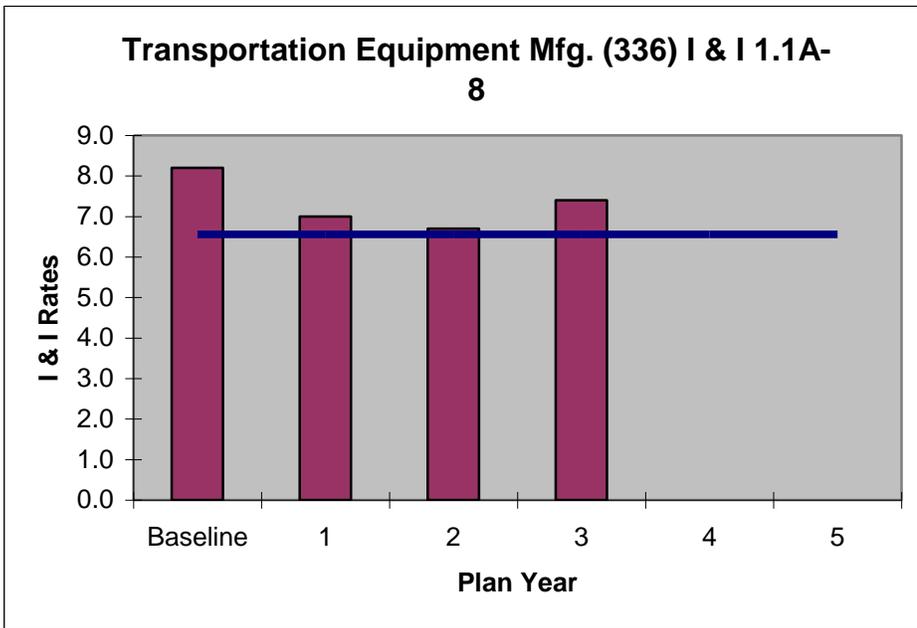
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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<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-8</b>	Reduce by 20% the rate of worker injuries and illnesses in Transportation Equipment Mfg. (336)	

Enforcement Indicators	
Inspections completed:	Employees covered:
130	48,848

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:
173*	4,296*	6	1	481**	918**	189***	NAV



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

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

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**Achievement: Rate of 7.4 (BLS, 2010) is a decrease of 9.8% from baseline. Goal of 20% reduction was not achieved in year 3.**

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**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.  
 \*\* Individual industry totals for 23(g) consultation.  
 \*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

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:
13	290

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:
173*	4,296*	6	1	481**	918**	189***	NAV

**Baseline: BLS, 2007**

**Injuries & Illnesses – 4.6 (Wholesale Trade NAICS 42, the only Michigan data available)**

**Sprains & Strains – 59.9**

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

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

**Achievement:** Rate of 3.9 (NAICS 42) (BLS, 2010) is a reduction of 15.2% from baseline. Goal of 20% reduction was not achieved in year 3.

**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.

\*\* Individual industry totals for 23(g) consultation.

\*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

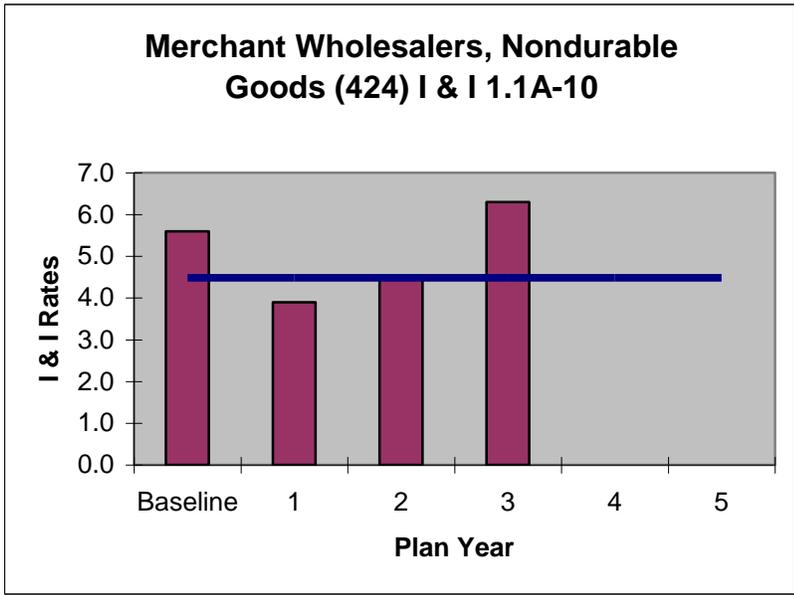
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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

<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-10</b>	Reduce by 20% the rate of worker injuries and illnesses in Merchant Wholesalers, Nondurable Goods (424)		

Enforcement Indicators	
Inspections completed:	Employees covered:
44	2,147

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:
173*	4,296*	6	1	481**	918**	189 ***	NAV



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

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

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**Achievement:** Rate of 6.3 (BLS 2010) was an increase of 12.5%. Goal of 20% reduction was not achieved in year 3.

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**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.  
 \*\* Individual industry totals for 23(g) consultation.  
 \*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

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:			
28				230			
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:
173*	4,296*	6	1	481**	918**	189 ***	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> 43 inspections performed and 60 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.  
 \*\* Individual industry totals for 23(g) consultation.  
 \*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

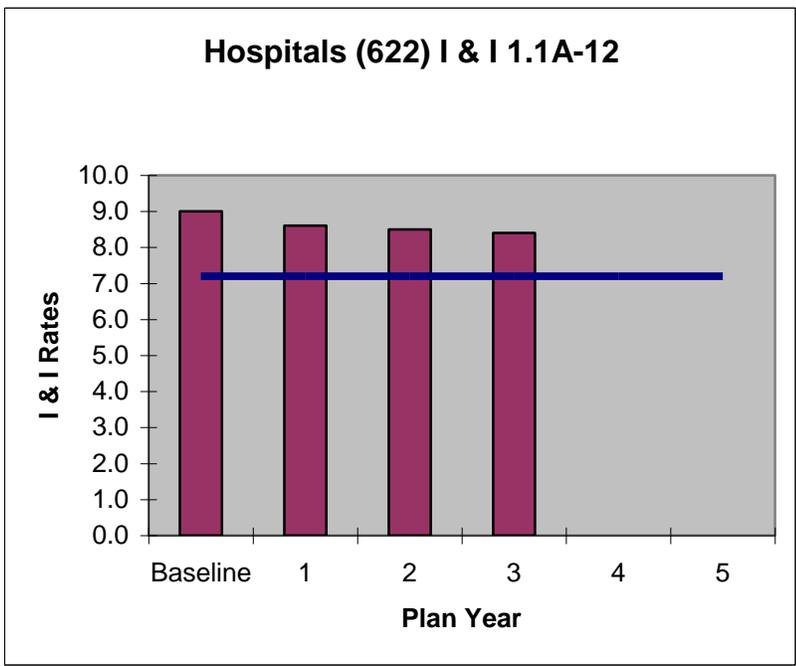
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<b>Strategic Goal #1</b>		<b>Objective #1.1</b>
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.		Reduce the rate of worker injuries and illnesses in high-hazard industries.
<b>Emphasis #1.1A-12</b>	Reduce by 20% the rate of worker injuries and illnesses in Hospitals (622)	

Enforcement Indicators	
Inspections completed:	Employees covered:
13	13,255

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:
173*	4,296*	6	1	481**	918**	189***	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 8.4 (BLS, 2010), a reduction of 7.1%. Goal of 20% reduction was not achieved in year 3.

**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).

\*\* Individual industry totals for 23(g) consultation.

\*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

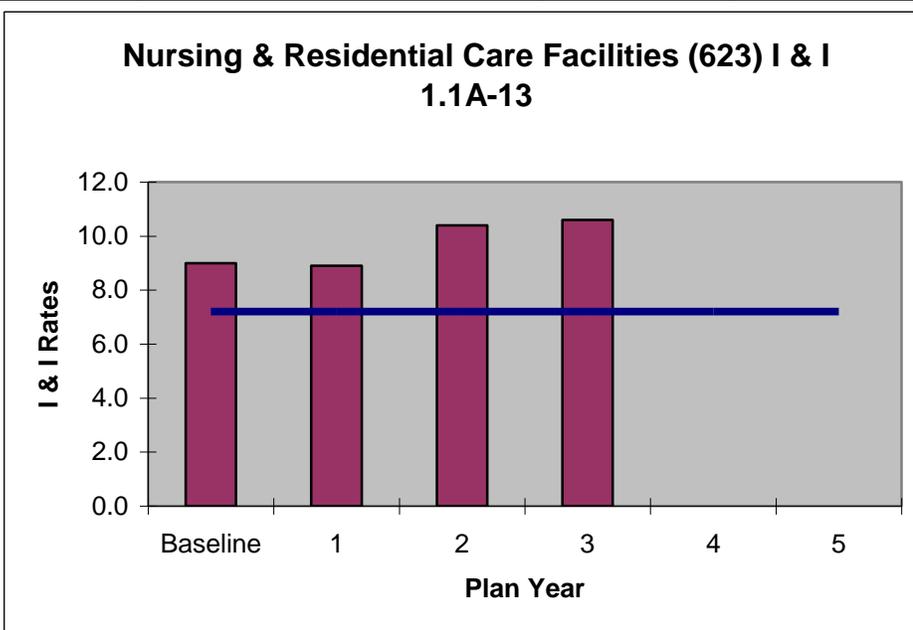
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<b>Strategic Goal #1</b>		<b>Objective #1.1</b>	
Improve workplace safety and health for all workers, as evidenced by fewer hazards, reduced exposures, fewer injuries, illnesses and fatalities.		Reduce the rate of worker injuries and illnesses in high-hazard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

Enforcement Indicators	
Inspections completed:	Employees covered:
30	1,657

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:
173*	4,296*	6	1	481**	918**	189***	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 10.6 (BLS, 2010) an increase of 17.8%. Goal of 20% reduction was not achieved in year 3.**

**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.

\*\* Individual industry totals for 23(g) consultation.

\*\*\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

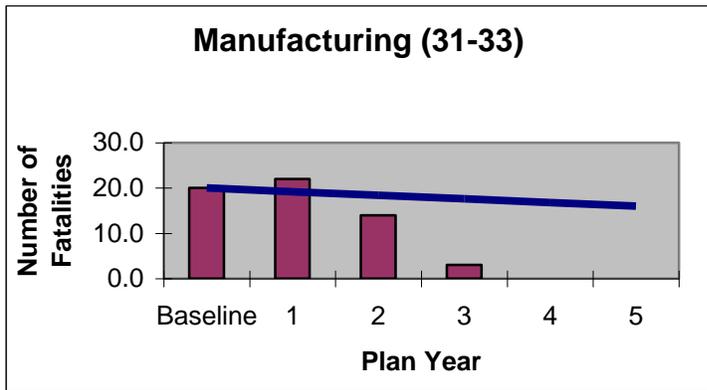
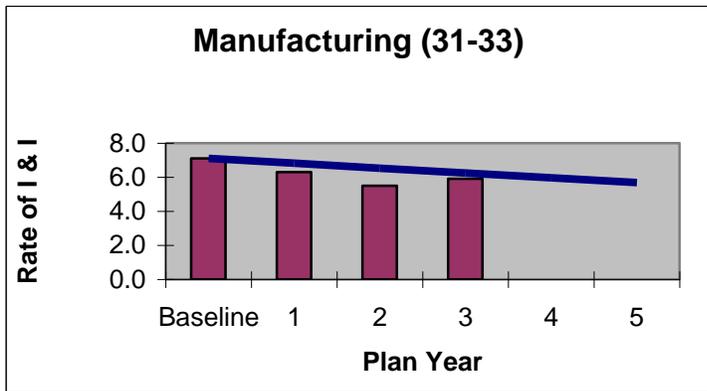
Michigan State OSHA Annual Report (SOAR)

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:
804	43,272

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:
22	NAV	122	0	0	33	189*	NAV



**Baselines:**  
 Incidence rate, total recordable cases, per 100 full-time workers [Manufacturing (31-33), BLS, 2007]: 7.1  
 Number of fatalities, program-related [General Industry]: 20 in CY 2007

**Target:** Reduce fatalities and illnesses and injuries by 20% (4% per year).

**Achievement:** Rate of 5.9 (BLS, 2010) is a reduction of 16.9%, which exceeds goal of 12% for year 3. 3 GI fatalities for CY 2010, which equals a 56.7% decrease and exceeds goal of 12% for year 3.

**Data Source(s):**  
 BLS, IMIS/OIS, Internal Measurement System, total recordable case incident rate.

\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

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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:
39	83	3946	410	3

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:
687	340	156	52	3,767	5	2



**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 2010 had 9.0 fatalities/100,000 workers, which is a 17.1% decrease from baseline of 10.86. This exceeds the goal of a 12% decrease for the 3<sup>rd</sup> 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

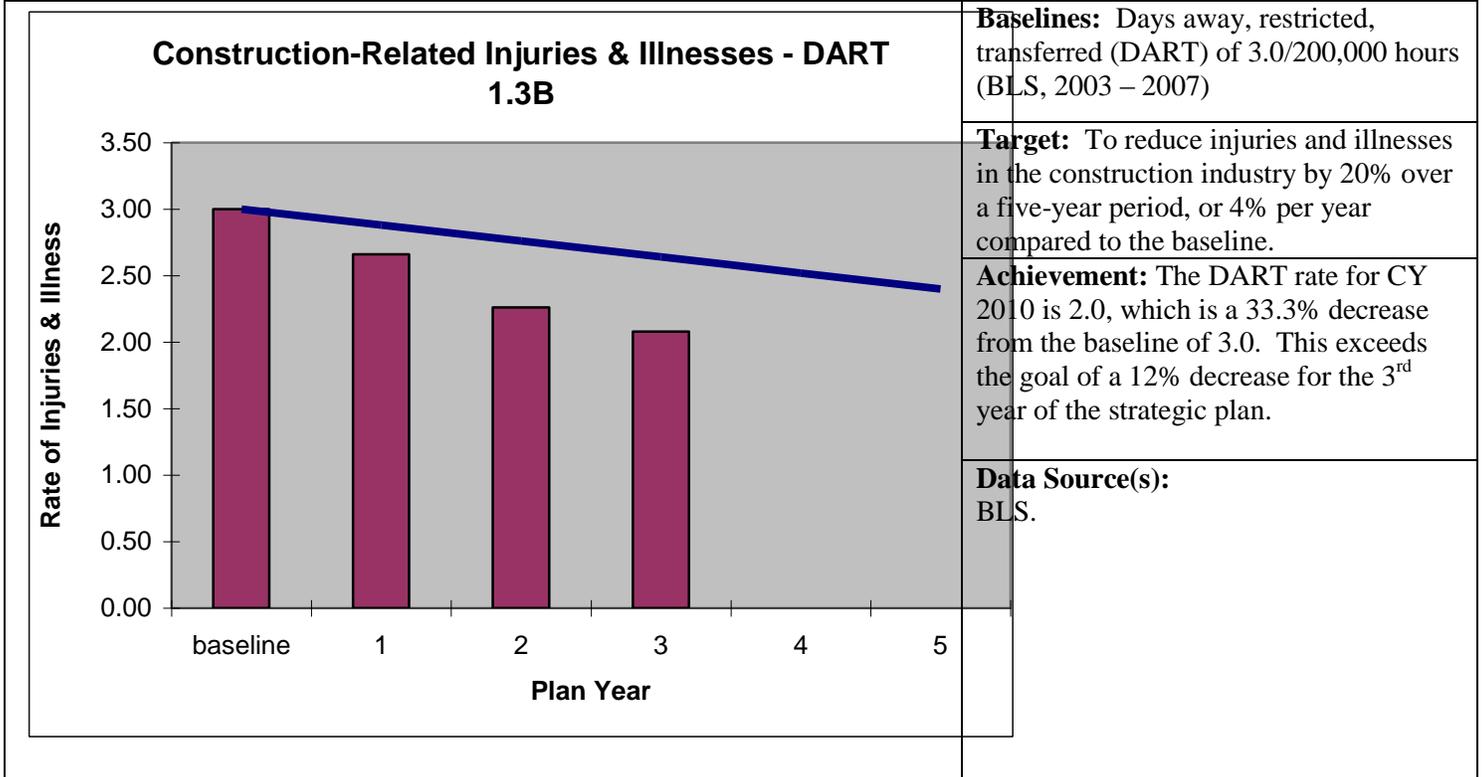
Michigan State OSHA Annual Report (SOAR)

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:
39	83	3,946	410	3

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:
687	340	156	52	3,767	5	2



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

Michigan State OSHA Annual Report (SOAR)

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 written/published by MIOSHA about SHMS's:
GI - 868 CSHD - 271 CSHD referred 125 to CETD	GI - 51% CSHD- 96%	GI - 1,546 CSHD - 3,946	189 *

**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 FY2011, 22 companies were re-evaluated. Of the 22, all but one showed improvement. The average for the 22 was +7.9. Of the 22, one (5%) had a fully implemented SHMS.

**Outcome Measure/Data Source(s):**  
IMIS and Internal Measurement System.  
Consultation: Using SPSS and the 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 (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

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 (2,808 on MTI ListServ subscriber list + 4,481 on CET Listserv). There are also 463 Facebook friends.	Nine MTI emails were sent to MTI ListServe subscribers.	648	
<p><b>Baselines:</b>                      1,801 attendees in FY 2008; 2,131 in FY 2009, and 2,699 in FY 2010                      30 certificates issued in FY 2008; 107 in FY 2009; 121 in FY 2010; 122 in FY 2011</p>			
<p><b>Target:</b>                      Increase the number of new MTI certificate holders by 50 each year.</p>			
<p><b>Achievement:</b>                      Number of Level 1 and advanced certificate holders – 122 – an increase of 92 from baseline which exceeds goal of 50 or more.                      Percentage increase in number of MTI attendees – Total number of attendees in FY2011 2,628, an increase of 46% over baseline.</p>			
<p><b>Data Source(s):</b>                      MTI database, Internal Measurement System</p>			

Michigan State OSHA Annual Report (SOAR)

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:
5	189 *	13	3

**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 3.  
3 - New MVPP\*\* Awards = yes  
14 - New CET (Bronze, Silver, Gold, Platinum, Ergo Innovation & Ergo Success) Awards = yes  
0 - Michigan Challenge Programs = no  
0- New Alliances = no  
3 - New Partnerships (Barton Marlow - Severstal) = yes  
7 – New MSHARPS = yes

**Data Source(s):**  
Internal measurement using CET program records.

\* Press Releases issued (42), Media Advisories (17), MIOSHA News (4), Fact Sheet (1), Seminar announcements (125).

\*\* Uniform Color Company, Kalkaska Station/MichCon, Potlatch Land & Lumber

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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	Provide safety and health awareness during every intervention.		
Enforcement Indicators			
Percent of initiatives implemented:	Number of contact lists created:	Number of promotional letters mailed to targeted groups:	Number of enforcement visits:
100%	2 ListServ contact lists (CET & MTI) ongoing	Regular ListServ promotions and 183 letters on grain handling and 8 on hair straightening.	3184
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%	2 ListServ contact lists (CET & MTI) ongoing	Regular ListServ promotions and 183 letters on grain handling and 8 on hair straightening.	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 2.1 and TRC of 4.3 (BLS, 2010), which equals a 12.5% decrease and a 12.2% decrease, respectively, for year 3.			
<b>Data Source(s):</b> CET, IMIS/OIS, BLS and DIT			

**Tough Economic Times Initiatives:** MIOSHA continued an initiative to help employers protect workers during tough economic times. In enforcement, these changes include additional penalty reductions, a penalty payment plan, good faith credits, focused inspections, more options for prehearing locations, and inspection deferrals. On the consultation side, CET has more free publications, improved access to standards online, and an expanded selection of DVD titles at the free video loan library. CET offered scholarships for MTI training in FY 2011. These changes were posted on the MIOSHA web site. The initiative was expanded into a Safety Pays campaign, which more widely addressed with employers the business case for an effective safety and health management system.

**Residential Fall Protection Initiative** – Letters went out to more than 8,500 contractors announcing the initiative addressing the new minimum requirements for residential fall protection and informing them of two-hour sessions to be presented by MIOSHA in conjunction with the Michigan Association of Home Builders.

**Electrocutions Initiative** – Letters were sent to nearly 4,500 ListServe subscribers announcing the initiative to increase awareness of electrical hazards and highlighting the need for appropriate training and equipment.

In addition to the initiatives, MIOSHA has special emphasis areas including hair straightening and grain handling.

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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.	
<b>Indicators</b>		
Percent of staff involved in agency or division workgroups:	63%	
Number of MIOSHA Weekly issues:	52	
Percent of new employees to receive orientation within three months:	100%	
Number of awards:	14 Special Recognition Awards -MIOSHA	
Percent of employees participating in cross training:	Admin 75%; Appeals 100%; CET 84%; CSHD 85%; GISHD 100%; MTSD 100%	
Number of staff training sessions held:	CET 31, GISHD 23, CSHD 17, APPEALS 4, ADMIN 6	
Number of OCI survey distributed:	None – OCI performed in 2009	
Percent of OCI survey returned:	N/A	
Number of employees participating in mentoring:	CET 5, GISHD 26	
<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 2013. In September 2011 the MIOSHA Cross Cultural Team administered a survey to all new MIOSHA staff that had been hired since January 2011. The survey was conducted to determine how effective MIOSHA's training effort has been and to identify areas that could be improved upon. 70.21% (33 out of 47) surveys were returned by new MIOSHA employees. The survey included 17 questions with 5 of the questions having an additional space to provide more information and comments.		
<b>Outcome Measure/Data Source(s):</b> Neither an Organization Culture Inventory or an Internal Assessment of Management Strategies was conducted by MIOSHA in FY 2011.		

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SUMMARY OF ANNUAL PERFORMANCE PLAN RESULTS

Strategic Goal #3		Objective #3.1
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.
Emphasis #3.1B	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.	
<b>Indicators</b>		
Number of comment cards received via hard copy and website:	575 MIOSHA Comment/Suggestion Cards	
Number of visits to MIOSHA's website:	193,549 in 2011	
Percent of positive feedback on customer comment cards:	97.2% Useful on Comment/Suggestion Cards	
Percent of positive feedback on CET seminars/MTI evaluations:	99.6%	
Number of staff training sessions held:	CET 31, GISHD 23, CSHD 17, APPEALS 4, ADMIN 6	
Number of fact sheets developed:	10	
Number of responses to Ask MIOSHA Info questions posted to the website:	45	
Number of MTI courses and CET seminars:	133	
Number of participants in MTI courses and CET seminars:	2,416	
Number of CET grant trainings:	Not available for FY 2011	
Number of CET grant training participants:	Not available for FY 2011	
Number of MIOSHA News publications:	4	
Number of press releases issued:	36	
Number of public service announcements:	110 seminar announcements	
Number of customer surveys received via hard copy and website:	575 Comment/Suggestion Cards mailed back	
Number of forums/symposiums:	0 symposium	
Number of forum/symposium participants:	0 attendees	
<b>Baselines:</b> Customer Survey results and Comment/Suggestion Card.		
<b>Target:</b> Customer Survey to be conducted in 2013, year 5 of the current five-year strategic plan. Comment/Suggestion Cards are ongoing.		
<b>Achievement:</b> MIOSHA received 575 Comment/Suggestion Cards during FY 2011. Results for the three questions: <ul style="list-style-type: none"> <li>• 97.2% "Useful" on "How would you rate your overall experience with MIOSHA? (559/575)</li> <li>• 97.2% "Yes" on "Did you find the staff to be knowledgeable about employee safety and health issues? (559/575)</li> <li>• 86.8% "Yes" on "Did the staff explain how to correct the safety and health hazards they identified? (499/575)</li> </ul>		
<b>Outcome Measure/Data Source(s):</b> 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:		100% for CSHD (35 of 35 complaints) 97.7% for GISHD (344 of 352)	
<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 2011, 379 of 387 complaints, or 97.9%, were responded to within 10 working days.			
<b>Data Source(s):</b> Fat/Cat and Complaint response data (IMIS/OIS)			

Michigan State OSHA Annual Report (SOAR)

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:	
44 in FY2011	1 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: 53.7		
<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 2011 data: GI Safety 45.11 days, GI Health 69 days, Construction Safety 45.43, and Construction Health 56.53 days, which equals 30.9% decrease, 1.9% increase, 12.5% decrease, and 12.8% decrease, respectively. Three of four MIOSHA compliance programs met or exceeded the 10% reduction in year 3.		
<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 2011 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 2011, MIOSHA had 10 Commission Meetings, 38 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 2011 with 23 standards planned for promulgation process, obtaining level of planned completion for 18 of 23 standards.

**Achievement:**

Promulgate 100% of Standards required by OSHA within six months – Accomplished 50% of original goal.  
 Promulgate 80% of other Standards within deadlines established by an annual Standards Promulgation Plan – Accomplished 17% of original goal. Many standards are in the late stages of promulgation. However, for FY 2011, the Governor of Michigan created a committee to review all of MIOSHA’s standards. MIOSHA was informed that no significant revisions to existing rules would occur until this review was completed. The committee completed its review and has recommended numerous changes, however the process on changing the rules has not been released.

**Data Source(s):**

Internal measurement systems.

Michigan State OSHA Annual Report (SOAR)  
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> A total of 208 computers (40 desktops and 168 laptops) were purchased to replace older systems or outfit new field staff. This brings all computers under warranty. Analyst position has been filled and fully utilized. All field staff are outfitted with SecureID. Training sessions were provided to select staff in Outlook, Excel and PowerPoint.
<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.
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 rolled out to laptop users.
  - 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 staff are periodically undertaken.
  - Multiple vehicles were identified for internal training, posted on shared drive, posted in MIOSHA Weekly. Ongoing.
  - Published an instruction on use of Social Media.
4. Conversion from IMIS to OIS.
  - Division liaisons will work with MISS as needed to make the transition into FY 2012. Ongoing.
  - Ongoing work for STEPS/SAVES migration, data-cleanup, training coordination.
5. Maintenance of functional data management systems.
  - The Fatality Log System is being updated from Excel to Access.
  - The Asbestos Management Information System was tested for compatibility with IE8.
  - An online payment system is being developed for the Asbestos Management Information System.
  - The Enforcement Priority Scheduling System was retooled to add flexibility and reliability.
6. Completion of CET 23(g) DMS evaluation, development, and implementation.
  - Consultation, Education and Training Division meeting weekly with Department of Technology, Management and Budget (DTMB) working on the creation of a database. Ongoing. Business requirement signed off. Work continues on the Functional Design Specification.
7. Development and implementation of formal agency policies for data backup, storage, and retention.
  - Retention schedule in place. Staff reminded of FOIA issues on a periodic basis. Ongoing.
8. Increased use of web-based technologies.
  - Agency Memo for use of NetMeeting and Web Conferencing was completed.
  - Agency updated to Microsoft Internet Explorer 8.
  - MISS staff are looking into the possibilities of establishing a Sharepoint site to provide easy access to commonly used files, sites and programs.
9. Review and modification of tracking systems and logs.
  - MISS has established a methodology for controlled folder access using the S-drive. An agency instruction was published.
  - MISS staff released a new version of the Universal Log, adding additional functionality and enhancements.

**SECTION 2 - PRIMARY OUTCOME MEASURE SUMMARY CHART  
FY 2011 (Year 3 of five-year MIOSHA Strategic Plan for FY 2009-2013)**

<u>Strategic Plan Emphasis</u>	<u>Year 3 Goal</u>	<u>Year 3 Achievement</u>	<u>Met Goal(s)</u>
1.1A-1 Beverage & Tobacco Product Mfg.	20% Decrease*	18.5% Decrease	N/A
1.1A-2 Wood Products	20% Decrease*	3.8% Increase	N/A
1.1A-3 Plastics & Rubber Products Mfg.	20% Decrease*	32.5% Decrease	yes
1.1A-4 Nonmetallic Mineral Product Mfg.	20% Decrease*	54% Decrease	yes
1.1A-5 Primary Metal	20% Decrease*	6% Decrease	N/A
1.1A-6 Fabricated Metal Product Mfg.	20% Decrease*	14.6% Decrease	N/A
1.1A-7 Machinery Mfg.	20% Decrease*	23.8% Decrease	yes
1.1A-8 Transportation Equipment Mfg.	20% Decrease*	9.8% Decrease	N/A
1.1A-9 Recyclable Material Merchant Wholesalers	20% Decrease*	15.2% Decrease	N/A
1.1A-10 Merchant Wholesalers, Nondurable Goods	20% Decrease*	12.5% Increase	N/A
1.1A-11 Landscaping Services (561730)	20% Decrease*	N/A	N/A
1.1A-12 Hospitals	20% Decrease*	7.1% Decrease	N/A
1.1A-13 Nursing & Residential Care Facilities	20% Decrease*	17.8% Increase	N/A
1.2 Manufacturing (31-33) – TRC rate/Fatalities	12% Decrease	-16.9% /-56.7%	yes/yes
1.3A Construction Fatalities	12% Decrease	17.1% Decrease	yes
1.3B Construction Injuries & Illnesses (DART)	12% Decrease	33.3% Decrease	yes
2.1 Safety and Health Management Systems	100% Promote	100% Achieved	yes
2.2 Participation in MTI	50 Increase yearly	92 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	-12.5%/-12.2%	yes/yes
3.1A Implement strategies that nurture collaboration	N/A	N/A	N/A
3.1B MIOSHA Interventions	>95% Useful	97.2% Useful	yes
3.2A Respond to complaints within ten days	>97% Response	97.9% 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	3yes/1no
3.2D Standard Promulgation	100% Fed/80% MI	100%/17%	yes/no
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 2011**  
**Links with Strategic Plan Emphases**

<b><u>Name of Organization</u></b>	<b><u>Emphases</u></b>
Michigan State AFL-CIO (HRDI)	1.2, 2.1
Associated General Contractors (AGC) of Michigan	1.3A, 1.3B
Alpena Community College	1.1, 1.2, 1.3A, 1.3B, 2.1
Bay de Noc Community College	1.1, 1.2
Center for Workplace Violence Prevention, Inc	2.4
Construction Association of Michigan (CAM)	1.3A, 1.3 B
Eastern Michigan U. Center for Organizational Risk Reduction	1.1, 1.2
Grand Rapids Community College	1.2
Lansing Area Safety Council	1.1
Michigan Association of Rehabilitation Organizations (MARO)	1.1, 1.2
Michigan Association of Chiropractors	1.1, 1.2, 2.1
Michigan Construction Trades Safety Council	1.3A, 1.3B, 3.3
Michigan Farm Bureau	1.2
Michigan Green Industry Association	1.1, 1.2
Michigan Safety Conference	1.2
Michigan State University School of Criminal Justice	1.1, 1.2
Michigan Infrastructure and Transportation Association (MITA)	1.3A, 1.3B
North Central Michigan College	1.1
Parents for Student Safety Employment Standards (PASSES)	1.1, 1.2, 1.3A, 1.3B
Retail, Wholesale, and Department Store Union (RWDSU)	1.1, 1.2
United Auto Workers (UAW)	1.1, 1.2
University of Michigan Center for Ergonomics	1.1, 1.2

## SECTION 4 - MIOSHA STATE INTERNAL EVALUATION PLAN (SIEP) FY 2011

### **Activity/Program Component to be Evaluated:**

MIOSHA will perform an audit of Employee Time Certification (ETC) System used to track employees activities and to ensure that appropriate funds are used as intended and to ensure that it is in compliance with federal laws and regulations regarding allowable costs/costs principles.

### **Background:**

In FY 2011 OSHA notified MIOSHA that it had completed a single audit of MIOSHA's use of funds related to OSHA state Plan and American Recovery and Reinvestment Act grant programs for the biennial ending September 30, 2008. The report identified approximately \$18,000 in non-approved charges. The amounts in question resulted from employee salary and wages being charged to non-approved funds. The OSHA determination stated that DLEG did not ensure that payroll costs, including federally funded payroll expenditures were properly approved and that DLEG needs to improve its internal control over the Occupational Safety and Health – State Program to ensure compliance with federal regulations.

### **Summary of Evaluation Process:**

Rosters of all employees that were on MIOSHA's payroll during FY 2010 were obtained from LARA Financial Services and compared to the OSHA grant application and organizational staffing charts. Administration and Management divisions then compared the percentage breakdowns for every employee and forwarded their findings to each division for review. The divisions evaluated each employee's breakdown to their actual performance and reported the changes back to review staff.

### **Outcome of Activity/Program Evaluation:**

There were seven findings that resulted from the audit:

1. Several employees were not listed on the ETC (e.g. retirees, transfers, new hires).
2. A small number of employees were listed on multiple ETC's.
3. Numerous employees did not have a supervisor listed.
4. The funding breakout for a few employees was not listed with the correct percentage or it was missing.
5. The separation and/or hire date of some employees was missing from the ETC.
6. Some employees were improperly listed in the division structure.
7. Division organization charts were not updated regularly.

The following recommendations were proposed and implemented:

- Modify the ETC to allow identification of the specific Time Keeping Unit and employee's supervisor.
- Require that divisions include significant dates (e.g. start, departure dates, etc.).
- Require that divisions update their organizational charts as needed; or at least every quarter.
- Require that divisions notify the MIOSHA Finance Manager and Human Resource Liaison of any and all personnel changes.
- Require that the MIOSHA Financial Manager send each division copies of their division's ETC and have the director review and approve on an annual basis prior to submission of the federal grant application.

## SECTION 5 – PROGRAM ACCOMPLISHMENTS FOR FISCAL YEAR 2011

### Major Program Accomplishments

**Protecting Workers in Tough Economic Times.** In FY 2011, MIOSHA continued an initiative to help employers protect workers during tough economic times. Businesses today are struggling to survive in the most precarious economic conditions we have seen in our lifetime. When facing the challenging times of today, now is not the time to cut corners. The costs of reacting to workplace injuries and illnesses far exceed 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 who are compliant at the end of a MIOSHA inspection, as well as other incentives to encourage companies to develop safety and health management systems that protect their workers.

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 \$50,000 in safety and health training scholarships were awarded for MIOSHA Training Institute (MTI) courses in FY 2011.
- 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 Initiative.** In FY 2011, 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, employers see a return of \$4 to \$6. 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. As part of the initiative, MIOSHA offers penalty

reductions to companies who are compliant at the end of a MIOSHA inspection, as well as other incentives to encourage companies to develop safety and health management systems that protect their workers.

### **Connecting MIOSHA to Industry.**

In August 2011, MIOSHA initiated the third phase of its “Connecting MIOSHA to Industry” training. MIOSHA contracted Pearl Partners to develop and present the training. All staff that have significant contact with employers in Michigan are required to attend. The training consists of two sessions of learning. The first session dealt with building collaborative relationships with people. The training emphasized team building skills as well as used work-related “skits” to show both good and bad of examples of connecting with employers.

The second phase is in development for application in FY 2012 and will expand on the previous sessions.

**MIOSHA Customer Comment/Suggestion Cards.** During FY 2011, MIOSHA received 575 responses to the revised 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.

- How would you rate your overall experience with MIOSHA? “Useful” or “Not Useful” = 97.2% Useful
- Did you find the staff to be knowledgeable about employee safety and health issues? “Yes” or “No” = 97.2% Yes
- Did the staff explain how to correct the safety and health hazards they identified? “Yes” or “No” = 86.8% 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.

**Take a Stand Day.** On June 8, 2011, the eighth 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 100 professional staff to visit Michigan high-hazard industries targeted by the MIOSHA Strategic Plan. A total of 209 (8% increase from 2010) 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 2011 Alfred P. Sloan Award for Business Excellence in Workplace Flexibility for the fourth 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. MIOSHA administrators and managers did the right thing. To become a more flexible organization takes a lot more than just implementing work schedule options. For MIOSHA, it started with steps to create a much more participatory management culture.

The Alfred P. Sloan awards were open to organizations in Michigan with more than ten employees that had been in business for at least one year. Applicants were 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. Most MIOSHA Policies and Procedures are posted on the MIOSHA website 24 hours a day, 7 days a week. In FY 2011, 65 instructions were issued.

**MIOSHA Safety and Health Management System.** MIOSHA served as a pilot for DELEG 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.** Each year since FY 2007, MIOSHA has taken steps to address budget difficulties. The MIOSHA program has faced a budget shortfall each year, mostly due to stagnant federal funding over the past decade. MIOSHA is funded primarily with 50 percent federal and 50 percent state matching monies. The OSHA budget for State Plan Programs included an increase for FY 2011, but MIOSHA received a smaller proportion of the increase based upon a funding formula for the State Plan Programs. Agency administrators continued to work together to develop a sound, realistic spending plan for FY 2011 that continually reviewed all agency expenditures and implemented reductions where possible. Cost saving measures have included reductions in travel, equipment, and office supplies. All agency employees have been involved in implementing this spending plan. In the latter part of FY 2011, MIOSHA started to see the effects of an "early out" retirement incentive program initiated by the State of Michigan. Thirty four employees retired by the end of the year and only fifty percent of the positions were allocated to be filled. This resulted in significant savings to the overall budget.

## **MIOSHA Initiatives**

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

MIOSHA, in partnership with the Michigan Association of Home Builders (MAHB) and local home builder associations, launched the "Residential Fall Protection Initiative" to help employers protect their workers and comply with the new requirements on fall protection.

MIOSHA and MAHB are offering Residential Fall Protection training seminars around the state to help contractors comply with the new regulations. As part of the initiative, MIOSHA developed a Residential Fall Protection fact sheet which details the new requirements and provides basic compliance information. The fact sheet also covers alternate protection plans, MIOSHA's new enforcement policy, a new definition of residential construction and additional resources.

MIOSHA and MAHB also mailed letters and the Residential Fall Protection fact sheet to more than 8,500 Michigan contractors to help them address the fall hazards in residential construction.

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

In 2011, 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. In addition, MIOSHA developed a new policy to clarify the enforcement aspect of the MIOSHA heat-related illness campaign to raise awareness among workers and employers of the risk associated with working in hot environments.

## **Preventing Electrocutions Initiative.**

In March, MIOSHA launched a Preventing Electrocutions Initiative to eliminate 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.

## **Overtime Initiative for Construction Projects**

The Construction Safety and Health Division (CSHD) and the Consultation Education and Training (CETD) On-Site Program participated in an overtime initiative from June 23 – September 30, 2011. The purpose of the initiative was to increase MIOSHA presence at construction sites where maintenance, demolition, road and infrastructure work, and other projects with high hazards took place during non-traditional work hours, i.e. second shift and weekends. The main focus was to cover hazards addressed by the MIOSHA Strategic Goals 1.3A and 1.3B of the MIOSHA Strategic Plan for FY2009–2013.

CSHD conducted 165 inspections during the overtime initiative and issued 224 serious citations, 6 repeat citations, and one willful citation.

**Emphasis Areas** – In addition to the initiatives, MIOSHA had special emphasis areas in FY2011 including: hair straightening and grain handling.

The General Industry Division distributed Fact Sheets dealing with the following areas:

- Permit Required Confined Space
- Acetylene
- Adult Foster Care
- Electrical Shock Hazards
- Agricultural Field Sanitation
- Hair Straightening Products and Formaldehyde
- Temporary Labor Camps

## **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 has the following partnerships:

- **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 June 11, 2007, MIOSHA signed a new partnership agreement with UAW/Ford/ACH. A total of four MIOSHA Day visits were completed in 2011.

- **Detroit Edison – Monroe Power Plant Environmental Controls Project** – On September 18, 2007, MIOSHA signed a formal construction partnership with the four prime contractors and DTE Energy to protect workers at the Monroe Power Plant Environmental Controls project. As of August 31, 2011, the employees had logged 5,955,979 hours of work with four lost time injuries and 34 MIOSHA recordable injuries. The Lost Workday Injury Rate (LWDI) and Total Case Incidence Rate (TCIR) have been below the incidence rate for the construction industry in Michigan.
- **Barton Malow Company – Severstal NA Modernization Project** – On September 1, 2010, MIOSHA formed a construction partnership with Barton Malow Company at the Severstal NA Modernization Project in Dearborn. The goal of the partnership was to enhance safety and health protection and reach zero injuries for workers. The partnership was completed in 2011. The companies at the project logged more than 1,784,491 hours of work with 11 MIOSHA recordable injuries, including one lost-time injury. The LWDI and TCIR were both below the incidence rates for the construction industry in Michigan.
- **Barton Malow Company – Stoney Corners Wind Farm Construction Project** – Barton Malow Company and MIOSHA signed a formal partnership on November 3, 2010, to protect workers at the Stoney Corners Wind Farm project in McBain, near Cadillac. Barton Malow Company worked with Heritage Sustainable Energy, a leading Michigan-based wind power company, to build the Stoney Corners Wind Farm. The project was completed in October of 2011. From 2007 to 2011, the project logged 32,916 hours of work with zero lost time injuries and two MIOSHA recordable injuries. The LWDI rate was below the incidence rate for the construction industry in Michigan.
- **Barton Malow – University of Michigan’s, C. S. Mott Children’s Hospital and Von Voigtlander Women’s Hospital Replacement Project** – On December 3, 2010, MIOSHA signed a formal partnership to protect workers at the University of Michigan’s C. S. Mott Children’s Hospital and Von Voigtlander Women’s Hospital Replacement project in Ann Arbor. The partnership goal is enhanced safety and health protection and zero injuries for workers on this major new facility project. During the partnership from December 2010 through September 2011, workers at the project logged 638,582 hours of work with only two MIOSHA recordable injuries. The LWDI and TCIR were both below the incidence rates for the construction industry in Michigan.
- **Pioneer Construction Company – Grand Valley State University Mary Idema Pew Library** – On June 10, 2011, Pioneer Construction Company and MIOSHA signed a formal construction partnership to protect workers at the construction site located in Allendale, west of Grand Rapids. As of July 31, 2011, the workers had logged 4,072 hours of work with zero injuries.

### 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
- BS&B Pressure Safety Management – Industrial Protection Devices
- Comcast Michigan Region
- Construction Association of Michigan (CAM)

- Green Industry Organizations in Michigan
- Macomb Community College
- Manufacturing Technology Mutual Insurance Company (formerly Michigan Tooling Association Workers' Compensation Fund)
- Masonry Institute of Michigan
- Michigan Society for Infection Prevention & Control (MSIPC)
- The Office of the State Employer
- OSHA and the American Physical Therapy Association (APTA)
- Precision Metalforming Association (PMA) and West Michigan Districts

## **Other Significant Activities**

### **Significant Cases**

1. On December 3, 2010, the MIOSHA Construction Safety and Health Division (CSHD) issued several citations to the [REDACTED] in Detroit for inadequately protecting its employees from trenching and excavation hazards when they were repairing a broken water main. Four employees were exposed to serious hazards while working in an excavation that was seven feet deep, 17 feet long, and ten feet wide, with nearly vertical sides. No trench box or shoring system was in place or available on the jobsite. Soil in the area was saturated with water, fissures were visible in the soil inside and outside the excavation, and the sides of the excavation were sloughing off soil. [REDACTED] was cited for a total of 14 violations, including violations of the following construction safety standards: Part 9, Excavation, Trenching and Shoring; Part 22, Signs and Signals; Part 1 General Rules; and Part 42, Hazard Communication. The penalties totaled \$110,400.
2. On May 3, 2011, the CSHD issued citations with total penalties of \$229,600 to four employers involved in a fatality in November of 2010 at the [REDACTED] in Southwest Detroit. An employee of [REDACTED], was performing roofing activities at the new pump station when he fell onto a roof hatch that was covered with an unsecured piece of 22-gauge sheet metal and the sheet metal cover gave way. The employee fell approximately 50 feet to the ground level, and died from his injuries.

[REDACTED], was the exposing employer whose employee died in the incident. This employer was cited for a willful violation of Rule 1926.500(i)(2) of Construction Safety Standard Part 45, Fall Protection, for not covering the roof hole with a cover capable of supporting, without failure, at least twice the amount of weight of employees and materials; and a willful violation of Rule 1926.500(i)(3) of Part 45 for not securing the hole cover. The employer was also cited for a serious violation of Rule 114 of Construction Safety Standard Part 1, General Requirements, for not training its employees on the accident prevention plan. The penalties were \$145,600 for this employer.

[REDACTED] was the creating contractor who covered the hole with an unsecured piece of 22-gauge sheet metal. This employer was cited for a willful violation of Rule 1926.500(i)(2) of Construction Safety Standard Part 45, Fall Protection, for not covering the roof hole with a cover capable of supporting, without failure, at least twice the amount of weight of employees and materials. This employer was also cited for a serious violation of Rule 114 of Construction Safety Standard Part 1, General Requirements, for not training its employees on the accident prevention plan. The penalties were \$72,100 for this employer.

[REDACTED], was the exposing and controlling contractor. This employer was cited for a serious violation of Rule 1926.500(i)(2) of Construction Safety Standard Part 45, Fall Protection, for not covering the roof hole with a cover capable of supporting, without failure, at least twice the amount of weight of employees and materials; and also a serious violation of Rule 114 of Construction Safety

Standard Part 1, General Requirements, for not training its employees on the accident prevention plan. The penalties were \$8,400 for this employer.

[REDACTED]. was the controlling contractor over [REDACTED]. This employer was cited for a serious violation of Rule 114 of Construction Safety Standard Part 1, General Requirements, for not training employees on the accident prevention plan. The penalty for this violation was \$3,500.

3. On May 20, 2011, the CSHD issued several citations to [REDACTED] and [REDACTED], who were involved in a fatality at a west Michigan airport. Employees of [REDACTED] were covering a tubular, welded frame scaffold with plastic weather proofing in preparation for construction of a masonry block wall. The scaffold was loaded with blocks and was not properly restrained or secured. The scaffold overturned in high winds and fell on an employee who was working on the ground below the scaffold. The employee died from his injuries.

[REDACTED] was the exposing contractor. This employer was cited for four serious, and four willful serious violations of Construction Safety Standard Part 12, Scaffolds and Scaffold Platforms, and also one repeat serious violation of Rule 114 of Construction Safety Standard Part 1, General Requirements, for not training its employees on the accident prevention plan. The penalties totaled \$237,200.

[REDACTED] was the controlling contractor, and was cited for one serious violation of Rule 114 of Construction Safety Standard Part 1, General Requirements, for not training its employees on the accident prevention plan and two willful serious violations of Construction Safety Standard Part 12, Scaffolds and Scaffold Platforms. The penalties totaled \$115,000.

4. On June 6, 2011, the CSHD issued citations to [REDACTED], after completing an incident investigation at the Dixboro Sewer Station in Washtenaw County. On December 23, 2010, three employees were working to connect a gravity vault into the existing sewer system. The employees were working in a confined space using a temporary heating device and an explosion occurred. Three employees were hospitalized. The temporary heating device was a hand torch that was attached to a liquid-propane cylinder. The employees left the hand torch running in the vault overnight to help “cure” the concrete they just poured. At the start of the work shift the next morning, employees noticed that the hand torch was not burning. After approximately half an hour, two employees entered the vault to relight the torch. The employer did not test the atmosphere in the vault before the employees entered. When an employee relit the torch, an explosion occurred and three employees were burned in the fire ball. The employer was cited for two willful and one repeat serious violation of Construction Safety Standard Part 1, General Requirements; one repeat serious violation of Construction Safety Standard Part 11, Fixed and Portable Ladders; three serious, one willful, and one repeat serious violation of Construction Safety Standard Part 18, Fire Protection and Prevention; and two serious violations of Construction Safety Standard Part 19, Tools. The penalties totaled \$199,200.

## **Declaratory Ruling**

May 19, 2011, MIOSHA issued a declaratory ruling on the issue of whether Christmas tree production is an agricultural work activity within the definition of “agricultural operations” contained in Section 4(1) of the Michigan Occupational Safety and Health Act, Act 154 of 1974, as amended. The declaratory ruling was issued following a request for ruling from Michigan Farm Bureau, the state’s largest general farm organization. The ruling declared that the work activity performed in modern-day Christmas tree production is equivalent to work activity performed in industries which have been defined as agricultural operations under the Act, and therefore, Christmas tree production is an agricultural operation. This ruling promotes the enforcement of MIOSHA standards towards employers engaged in Christmas tree farming operations in a manner which is consistent with the treatment given them by federal OSHA and other OSHA State Plan states. Following the declaratory ruling,

the Michigan Farm Bureau expressed its gratitude to MIOSHA in its statewide newspaper, the Michigan Farm News, for being “willing to look at the actual issues, seek additional information and make a ruling.”

**Michigan Industrial Ventilation Conference.** The 60<sup>th</sup> Annual Industrial Ventilation Conference was held on February 7 through 11, 2011. 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 20 instructors to make sure the conference was a great learning experience for the students. This year’s conference had 82 attendees. This year saw a significant increase in attendance. A new addition to the conference was an emphasis placed on combustible dust. A review of the conference evaluations shows that the conference was an overwhelming success.

**WebSite Improvements.** During FY 2011, MIOSHA used the website to provide timely access to information supporting our strategic goals including:

- Added the 2009 Case & Demographics publication, in the Occupational Injury & Illness Data section of the Recordkeeping page
- Added the new CET Mini-Grant Request for Proposal (RFP) for FY 2011 to the CET Grant program page
- Added four new fact sheets: Freedom of Information, Masonry Wall Bracing, Ergonomics in Construction, and Electrical Incidents – Contact with Power Lines.
- Added: Electrocutions: Preventing/Protection Initiative information
- Added a new residential fall protection initiative training calendar to the main training calendar page
- Added the Top 25 Most Serious Violations for General Industry Safety & Health FY 10 to the Recordkeeping Page

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

**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.

## **MIOSHA Awards**

### **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.

- International Paper, Kalamazoo Container Plant – Star Award: November 1, 1999; Reevaluation Approval: May 29, 2003, March 9, 2010, and August 9, 2011

- West Michigan Air Care, Kalamazoo – Star Award: April 30, 2002; Reevaluation Approval: December 2, 2005 and March 13, 2009
- Occidental Chemical Corporation, Ludington Plant (formerly Dow Chemical) – Star Award: October 10, 2002; Reevaluation Approval: January 17, 2006 and July 28, 2009
- 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., 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
- Louisiana Pacific Corporation, Newberry – Star Award: March 11, 2004; Reevaluation: November 28, 2007 and November 15, 2010
- 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
- Georgia-Pacific Corrugated, Albion – Star Award: July 28, 2005; Reevaluation Approval: October 23, 2008
- Georgia-Pacific, Beaver Creek Resin Plan, 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
- Herman Miller, Midwest Distribution, Holland – Star Award: December 22, 2006; Reevaluation Approval: June 11, 2009
- 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 Energy, Inc., Grand Rapids – Star Award: March 31, 2008
- Pfizer Global Manufacturing, Kalamazoo Operations – Star Award: March 31, 2008
- 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
- Herman Miller, Inc., Main Site, Zeeland – Star Award: July 17, 2008; Reevaluation Approval: August 3, 2011
- Cascade Engineering Industrial Solutions, Container Group, Grand Rapids – Rising Star Award: September 29, 2006; Star Award: October 16, 2009
- Palisades Nuclear Power Plant, Covert – Star Award: June 25, 2010
- Marathon Petroleum Company, Detroit Refinery, Detroit – Rising Star Award: April 7, 2009; Star Award: July 28, 2010
- Palisades Nuclear Power Plant – Star Award: June 25, 2010
- United Continental Holdings, Inc. – Star Award: August 8, 2011.

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

- Walbridge, Couzens Hall Project, Detroit – Star Award: August 25, 2010; Continued Star Award for Alice Lloyd Hall Project: July 21, 2011
- Holly Construction Company, Belleville – Star Award: September 14, 2010

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

- United Water, Wixom Waste Water Treatment Plant, Wixom – Rising Star Award: March 10, 2009
- DTE, River Rouge Power Plant – Rising Star Award: October 16, 2009
- DTE, Washington Station/MichCon, Washington – Rising Star Award: April 6, 2010
- Michigan Packaging Company – Rising Star Award: September 10, 2010
- Potlatch Land & Lumber, Gwinn – Rising Star Award: November 8, 2010
- Kalkaska Station/MichCon – Rising Star Award: June 2, 2011

**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
- Gestamp U.S. HardTech, Inc., Mason – Award Date: June 2, 2005; Recertification: December 20, 2006 and February 17, 2010
- Flint Hills Resources (formerly Huntsman International, LLC), Marysville – Award Date: September 30, 2006; Recertification February 14, 2008
- 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
- SFK Pulp & Recycling U.S. Inc. (formerly Great Lakes Pulp & Fiber), Menominee – Award Date: December 2, 2005; Recertification: August 16, 2007 and March 25, 2010
- 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 – Award Date: August 16, 2007; Recertification September 1, 2010
- Steel Industries, Plant 4, Machine Shop, Redford – 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
- FLAMM Technologies, Inc., Cadillac – Award Date: February 13, 2008; Recertification: December 10, 2010
- Arnold Center Incorporated, Midland – Award Date: May 14, 2009
- Arnold Center Incorporated, Gladwin – Award Date: May 14, 2009

- Olympic Steel Company, Detroit – Award: May 20, 2010
- 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

### **CET Awards**

#### **CET Bronze Awardees**

DTE Energy  
 The Environmental Quality Company  
 Merrill Tool and Machine  
 Faygo Beverages, Inc., Detroit  
 Alro Steel, Grand Blanc  
 Associated Spring/Barnes Group, Inc., Saline  
 Esco Company LLC, Muskegon  
 Lorin Industries, Muskegon  
 Eberspaecher – North America, Brighton  
 Grand Blanc Processing LLC, Holly  
 Tailor Weld Blanks (TWB Inc.), Monroe  
 Country Fresh LLC, Plant Operations, Grand Rapids  
 Asahi Kasei Plastic North America, Fowlerville  
 Kerry Steel Processing, Dearborn  
 The SYGMA Network, Inc., Monroe  
 Acument Global Technologies, Goodrich  
 Terex Simplicity (Engineering), Durand  
 Borg Warner Emissions/Thermal System, Cadillac  
 Focus Hope – Manufacturing, Detroit  
 Uni Boring, Detroit  
 Olympic Steel, Inc., Detroit  
 Connor Sports Flooring, Amasa  
 Continental Aluminum Corp., New Hudson  
 Webasto Roof Systems, Inc., Livonia  
 Unistrut Corp., Wayne  
 Flat Rock Metal, Flat Rock  
 Pall Life Sciences, Ann Arbor  
 Gilreath Manufacturing, Howell  
 Martinrea Ind., Inc., Manchester  
 Martinrea Ind. Inc., Dexter  
 Horizon Technology Group, Wyandotte  
 Johnson Controls, Southview, Holland  
 Keykert USA, Webberville  
 Guardian Industries, Carleton  
 Grand Rapids Spring & Stamping, Inc., Grand Rapids  
 Borg Warner, White Pigeon

#### **Effective Date**

July 2011  
 June 2011  
 February 2011  
 June 2010  
 April 2010  
 April 2010  
 March 2010  
 November 2009  
 October 2009  
 September 2009  
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 September 2001  
 February 2001  
 January 2000

**CET Silver Awardees**

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**

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
Banza Air Managements Systems, Inc. - Kentwood	July 2001

**MIOSHA Ergonomic Innovations Awardees**

Lacks Industries, Inc.	<b><u>Effective Date</u></b> 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
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 – COMMUNICATION ACCOMPLISHMENTS FY 2011

### 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 format is eight pages and is printed in a two-color, tabloid style. 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. Following are the publication dates for the four issues: **Fall 2010**, October 14, 2010; **Winter 2011**, January 10, 2011; **Spring 2011**, March 29, 2011; and **Summer 2011**, July 12, 2011. All past issues of the MIOSHA News are on our website at [www.michigan.gov/miosha](http://www.michigan.gov/miosha).

### FY 2010 OSHSPA Grassroots Report

MIOSHA worked with the Occupational Safety and Health State Plan Association (OSHSPA) to produce the **2010 OSHSPA Grassroots Report**. The 27 OSHSPA states and territories share a common goal: A safe and healthful workplace for every worker through prevention of injuries, illnesses and fatalities on the job. The OSHSPA Grassroots Report was distributed to federal and state elected officials across the nation. This 90-page annual report highlighted the achievements of the 27 member states and territories, particularly their innovative approaches to creative partnerships, outreach and education, voluntary compliance, inspection targeting and settlement agreements. One thousand copies were printed. MIOSHA personnel have served in leadership positions within OSHSPA for more than 29 years. The report was printed March 7, 2011.

### 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 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 2011, MIOSHA issued 36 press releases, 11 media advisories and five fact sheets.** Also, in coordination with the MIOSHA Outreach Committee, **110 seminar announcements were issued** for MIOSHA Training Institute courses.

**Media Advisory & Press Release – 09/21 & 09/26/11** – The Vision Institute of Michigan in Sterling Heights Receives CET Gold Award for Outstanding Safety and Health Record

**Media Advisory & Press Release – 09/14 & 09/16/11** – Walbridge of Detroit Receives Construction MVPP Star Award for Workplace Safety and Health Excellence

**Media Advisory & Press Release – 09/02 & 09/07/11** – DTE Energy's Kalkaska Station Receives the Michigan Voluntary Protection Program (MVPP) Rising Star Award for Outstanding Safety and Health Record

**Media Advisory & Press Release – 08/16 & 08/19/11** – DTE Energy's Monroe Power Plant Receives CET Bronze Award for Outstanding Safety and Health Record

**Media Advisory & Press Release – 08/15 & 08/18/11** – Siemens Industry Inc. Metallurgical Services in Benton Harbor Receives SHARP Award for Workplace Safety and Health Excellence

**Press Release – 08/09/11** – MIOSHA Renews Partnership with Ford, ACH and the UAW to Protect Employee Health and Safety in Plants throughout Michigan

**Media Advisory & Press Release – 08/08 & 08/10/11** – EQ - The Environmental Quality Company's Site in Belleville Receives CET Bronze Award for Outstanding Safety and Health Record

**Media Advisory & Press Release – 08/01 & 08/04/11** – Associated Spring's Saline Division Receives SHARP Award for Workplace Safety and Health Excellence

**Press Release – 07/20/11** – Dow Corning Corporation's Auburn Site Receives CET Platinum Award for Outstanding Safety and Health Record

**Press Release – 06/27/11** – Burkland Inc. of Goodrich Receives SHARP Award for Workplace Safety and Health Excellence

**Media Advisory & Press Release – 06/08 & 06/13/11** – Pioneer Construction, LARA and MIOSHA Sign Partnership to Protect Workers on Grand Valley State University's Mary Idema Pew Library Project

**Press Release – 06/07/11** – Huntsman Corporation's Auburn Hills Facility Receives Renewed MIOSHA Recognition of their Workplace Safety and Health Excellence

**Press Release – 06/06/11** – MIOSHA Invites Employers Statewide to "Take a Stand" for Workplace Safety and Health

**Fact Sheet – 06/06/11** – After a Fatality at the [REDACTED] MIOSHA Cites [REDACTED] for Alleged Willful and Serious Violations and Proposes \$199,200 in Penalties

**Press Release – 06/02/11** – AWTEC of Plymouth Receives SHARP Award for Workplace Safety and Health Excellence

**Media Advisory & Press Release – 05/23 & 05/26/11** – Northern Concrete Pipe of Bay City Receives CET Platinum Award for Outstanding Safety and Health Record

**Press Release – 05/20/11** – Glastender Inc. of Saginaw Receives SHARP Award for Workplace Safety and Health Excellence

**Fact Sheet – 05/20/11** – After a Fatality at the [REDACTED] MIOSHA Cites [REDACTED] for Failing to Protect Workers from Hazardous Conditions with Total Proposed Penalties of \$356,450

**Fact Sheet – 05/03/11** – After a fatality at the [REDACTED] MIOSHA Cites [REDACTED], [REDACTED], [REDACTED], and [REDACTED] Failing to Protect Workers from Fall Hazards with Total Proposed Penalties of \$229,600

**Press Release – 04/29/11** – Michigan Packaging Company of Mason Receives MVPP Rising Star Award for Outstanding Safety and Health Record

**Press Release – 04/21/11** – Merrill Tool & Machine Receives CET Bronze Award for Outstanding Safety and Health Record

**Press Release – 04/19/11** – State Recognizes MIOSHA Training Institute (MTI) Graduates at Michigan Safety Conference

**Press Release – 04/08/11** – Northern Coatings of Menominee, a SHARP Company, Receives CET Platinum Award for Outstanding Safety and Health Record

**Press Release – 04/06/11** – Alcoa Howmet Whitehall Operations Receives Renewal of their MVPP Star Award

**Press Release – 04/04/11** – MIOSHA Announces New Fall Protection Requirements for Residential Construction and Launches Initiative to Protect Residential Construction Workers

**Media Advisory & Press Release – 03/24 & 03/29/11** – DTE Energy’s River Rouge Power Plant Receives CET Platinum Award for Outstanding Safety and Health Record

**Press Release – 03/15/11** – MIOSHA Announces Initiative to Help Prevent Workplace Electrocutions: MIOSHA Urges Employers to Proactively Protect Their Workers

**Press Release – 02/09/11** – Potlatch’s Gwinn Lumber Mill Receives MVPP Rising Star Award for Outstanding Safety and Health Record

**Press Release – 01/31/11** – MIOSHA Reminds Employers They Must Post Job-Related Injuries and Illnesses

**Press Release – 01/28/11** – MIOSHA and AGC of Michigan Renew Alliance to Protect Construction Workers in Michigan.

**Fact Sheet 12/22/10** – After a Double Fatality, MIOSHA Issues Two Violations to [REDACTED] for Failing to Protect Two Young Workers from Confined Space Hazards

**Press Release – 12/10/10** – Louisiana-Pacific Corporation’s Newberry Plant Receives Renewal of their MVPP Star Award

**Press Release – 12/08/10** – Barton Malow Company, Building Trades, Contractors and MIOSHA Sign Partnership to Protect Workers on University of Michigan C. S. Mott Children’s Hospital and Von Voigtlander Women’s Hospital Replacement Project

**Fact Sheet – 12/03/10** – MIOSHA Issues 14 violations to [REDACTED] for Failing to Protect Workers from Trenching Hazards

**Press Release – 11/18/10** – MIOSHA Awards 22 Consultation Education and Training (CET) Grants for Fiscal Year 2011 Totaling \$1.05 Million to Protect Worker across the State

**Press Release – 11/16/10** – PSC Environmental Services Division of Detroit Receives CET Bronze Award for Outstanding Safety and Health Record

**Press Release – 11/04/10** – Barton Malow Company, Building Trades, Contractors and MIOSHA Sign Partnership to Protect Workers on Stoney Corners Wind Farm Project in McBain

**Press Release – 10/27/10** – MIOSHA Fines [REDACTED]. of Lansing \$137,750 for Failure to Protect Employees from Serious Safety Hazards

**Media Advisory – 10/15/10** – Five Steel Industries Plants in Redford Township to Receive SHARP Awards Recognition for Outstanding Workplace Safety and Health

**Press Release – 10/08/10** – Marathon’s Detroit Refinery Receives MVPP Star and Holly Construction Receives MVPPC Rising Star for Workplace Safety and Health Excellence

**Press Release – 10/07/10** – MIOSHA Receives the Prestigious Alfred P. Sloan Award for Exemplary Workplace Practices

**Press Release – 10/04/10** – Faygo Beverages of Detroit Receives CET Bronze Award for Outstanding Safety and Health Record