

**STATE OF VERMONT**  
**STATE OSHA ANNUAL REPORT**  
**(SOAR)**

October 1, 2009 through September 30, 2010



**Prepared By:**  
**State of Vermont**  
**Department of Labor**  
**Division of Workers' Compensation and Safety**  
**VOSHA**

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The State of Vermont, Department of Labor, Division of Workers' Compensation and Safety, Occupational Safety and Health State Plan (VOSHA) submits this State OSHA Annual Report (SOAR) to the Federal Occupational Safety and Health Administration (OSHA) for evaluation of the Vermont State program.

The SOAR covers the time period of October 1, 2009 through September 30, 2010. This submission is in accordance with the State Plan Manual dated December 1, 2002.

This SOAR contains the following sections:

- State Results Summary Chart
- Report on Progress toward Achieving Strategic Plan Accomplishment
- State Internal Evaluation Program (SIEP) Report

Since July 1, 2005 the Departments of Employment and Training and Labor and Industry have been combined into the Vermont Department of Labor. The current Commissioner of Labor is Anne Noonan. J. Stephen Monahan is the director of the Division of Workers' Compensation and Safety. Both the VOSHA and Project WorkSAFE are part of this division.

The consultation and enforcement programs have separate staffs and work out of different locations. Scott Meyer, industrial hygiene engineer, is the project manager for the consultation program and Robert McLeod is the Director of the VOSHA enforcement program. The VOSHA and Project WorkSAFE program managers work closely to define the goals and strategies of their respective programs and determine the best methods to achieve their goals.

Since VOSHA and Project WorkSAFE operate separately, they each have their own website and toll free telephone numbers.

VOSHA and Project WorkSAFE both have access to Workers' Compensation First Reports of injury and statistics. Both divisions provide training and information to Vermonters, and often work cooperatively to provide training to various trade associations and other occupational safety and health organizations.

VOSHA has always striven to make its occupational safety and health program accessible and easily understood. Through the VOSHA website, the public can contact the program, submit questions, access a wide variety of information related to workplace safety and health, and even file complaints. VOSHA continuously updates and adds information to the website, and provides links to other occupational safety and health websites as well.

In addition to the activities that VOSHA conducts as part of its strategic plan, the program has focused its efforts on preventing amputations, and injuries, illnesses and fatalities caused by hazards related to silica, food processing and logging. During FY2010, construction activity in Vermont was moderate. VOSHA conducted 53% of its total inspections and 57.3% of its' programmed inspections in construction.

During FY 2010 the Partnership in Safety continued with VOSHA, Project WorkSAFE, the Small Business Development Center, and Green Mountain Coffee Roasters. This partnership provides safety and health training to businesses in a non-threatening, neutral environment. Seminars are planned for each quarter and are open to the public. Additionally, the Small Business Development Center provides seminars on safety and health topics throughout the state. These seminars are advertised on the VOSHA and

Project WorkSAFE e-mail list-serves, and utilize consultation and/or the VOSHA Compliance Assistance Specialist (CAS). This partnership continued during FY2010 with additional courses offered through Green Mountain Coffee Roasters (GMCR) and through the Small Business Development Center (SBDC).

During FY 2010, through the Alliance with the Vermont Safety and Health Council (VSHC), several training programs were conducted. The four Regional Safety and Health Roundtables established with VSHC continued to operate.

During FY 2010 the program was fully staffed with six safety and four health CSHOs. However, one safety CSHO was on restricted duty for medical reasons for several months. The CAS position was filled for the entire year. The VOSHA program spent all of its Federal funding allocation for FY 2010.

VOSHA began participating in the Voluntary Protection Program (VPP) in FY2004. Since that time the VOSHA CAS/VPP coordinator, Dan Whipple, has worked extensively with companies to assist them with the VPP process. VOSHA rolled out its own VPP construction program in 2006. During FY 2010, the VOSHA CAS/VPP worked closely with the Green Mountain VPP (GMVPP) sites. There are several companies that have expressed an interest in VPP. Vermont continues to participate in the VPP Challenge Program.

During FY2010 VOSHA conducted a total of 372 inspections (273 safety and 99 health). This total includes 37 inspections which VOSHA conducted in the public sector. In terms of construction, VOSHA conducted 176 safety and 21 health inspections. In FY2010, VOSHA issued 271 violations that were classified as serious/willful/repeat (S/W/R),

which was 77 % of the total number of violations issued during that fiscal year.  
VOSHA's construction in-compliance rate for FY2010 was 23.9%

In FY2010, VOSHA conducted a total of 168 inspections in general industry (95 safety and 73 health). In terms of violations, 228 (or 62.2%) of the violations that were issued were classified as S/W/R. VOSHA had an in-compliance rate of 25% for inspections in general industry.

	Projected FY2010				Actual FY2010		
	Safety	Health	Total		Safety	Health	Total
<b>TOTAL INSPECTIONS</b>	<b>300</b>	<b>100</b>	<b>400</b>		273	99	372
Private Sector	280	80	360		247	88	335
Public Sector	20	20	40		26	11	37
<b>TOTAL CONSTRUCTION INSPECTIONS</b>	<b>200</b>		<b>200</b>		<b>176</b>	<b>21</b>	<b>197</b>
Residential Construction	150		150		47	4	51
Highway, Street and Bridge	30		30		30	8	38
Roofing	20		20		30	0	30
<b>LEPs &amp; Other Areas of Emphasis</b>							
Falls from Elevation					66		66
Trenches and Excavations					3		3
Struck-by							
Electrical					21		21
Noise Samples						5	5
Silica Inspections						5	5
<b>TOTAL NON-CONSTRUCTION INSPECTIONS</b>					<b>97</b>	<b>78</b>	<b>175</b>
Work Zones					11		11
Food Processing			20		7	7	14
Lumber and Wood Products			12		8	4	12
Targeted NAICS/SICs			60		30	25	55
Amputations					42		42
Isocyanates, Asthma, Allergies						14	14
Electrical							Evaluated on all inspections
PIT							Evaluated on all inspections
Falls							
Noise							
Silica							

Non-Inspection Activity	
Activity	FY 2010 SOAR Data
<b>VOSHA Training</b>	
Expand 10-hr, course for VOC. Tech. students to 3 other schools	Hartford Career Center OSHA 10 GI. 21 attendees Career Connect Program OSHA 10 hour General Industry Course – 5 Attendees Essex Technical Center OSHA 10 hour Construction Course - 79 Attendees Green Mtn. Technical Center OSHA 10 hour Construction Course - 40 Attendees
Conduct one 40-hr. course for vocational tech. educators	40 hour course was not conducted.
<b>Youth</b>	
Train 400 VOC. Tech. students and apprentices	Hartford Career Center OSHA 10 GI. 21 attendees Career Connect Program OSHA 10 hour General Industry Course – 5 Attendees Essex Technical Center OSHA 10 hour Construction Course - 79 Attendees Green Mtn. Technical Center OSHA 10 hour Construction Course - 40 Attendees Two Northwoods Stewardship Center youth conservation corps training 61 attendees
Train 200 electrical and plumbing apprentices through VT Apprenticeship Program	100 trained. This does not include apprentices that had the course in previous years.
Work with AGC and other trade associations to train new/inexperienced workers	Two Construction safety days with AGC contractors 82 Attendees. Attended 4 AGC Safety and Health roundtable discussions.
Provide safety and health training to VDOL youth program participants	Two VDOL Career Development Program OSHA 10 Hour Construction Course Youth. 47 attendees
Partner with VT DOE to provide safety and health information to students	No alliance with VT Dept. of Education, but OSHA 10 courses expanded to new VOTEC Centers
Conduct safety training for VT Youth Conservation Corp.	Two Northwoods Youth Conservation Corps Remote Site Safety Training – 61 Youth Worker Attendees VT. Youth Conservation Corp. OSHA 10 Construction 7 attendees
Provide web site link to OSHA Youth Initiative	Completed
<b>Other Training</b>	
<b>• Construction</b>	
Target construction employers with training using VT DOL benchmark employment database	Two VT Agency of Transportation OSHA 10 Hour construction courses – 75 attendees Attended 4 AGC Safety and Health roundtable discussions.
Conduct training for construction employers	13 VT Rural Water Association trainings covering Trenching, confined spaces, electrical,

Non-Inspection Activity	
Activity	FY 2010 SOAR Data
through trade associations	Hazard Communications, Workzone safety and LOTO. 254 Attendees
Provide construction and scaffolding e-tools to AGC and other organizations	Two Construction safety days with AGC contractors 82 Attendees
<b>• Work Zones</b>	
Conduct training for law enforcement on reflective clothing	Federal Highway Administration requirements for reflective clothing provided to the VT. Sheriff's Association and the Criminal Justice Training Council
Distribute information on FHWA rule requiring high visibility apparel	Ongoing
<b>• Food Processing</b>	
Develop machine guard training	VT. Dept of Health uses a pamphlet to direct persons opening a restaurant to contact VOSHA regarding workplace safety. Issue of machine guarding is always raised.
<b>• Silica</b>	
Provide silica e-tools	Silica is discussed at all OSHA 10 courses
Use silica PPT for training employers	
<b>• Small Business</b>	
Schedule webinar with VT COC	Webinar not conducted. Four regional chapters of the VT. Safety and Health Council formed. Meetings are conducted quarterly. VOSHA CAS presented training at the VT. Safety and Health Council annual meeting. VOSHA Director and CAS attended Vermont Rural Water annual conference to re-sign the Alliance. CAS and a Safety consultant gave a joint presentation on new OSHA initiatives.
<b>• Isocyanates, Asthma, Allergies</b>	
Develop training materials with Project WorkSAFE and VT DOH	
<b>Alliances</b>	
Sign new Alliance with AGC	Completed
Continue Alliance with VT S & H Council	VT S & H Council – 1 30 hour course 30 attendees. 1 job S&H analysis course 81 attendees 1 Haz Com course 25 attendees 1 Fall Protection Training – 17 attendees
Continue Alliance with IBEW	Ongoing
Three VOC. Tech Alliances	No new alliances, but training conducted outside of the alliances
Continue Alliance with State Police	Ongoing. Training provided to 4 arson investigators
Form Alliance with forestry products subgroup of Associated Industries of VT (AIV)	No alliance formed
Continue Alliance with VT COC to promote	Ongoing

Non-Inspection Activity		
Activity		FY 2010 SOAR Data
seat belt use		
<b>VPP</b>		
Recruit one new site		VOSHA CAS/GMVPP is working with several companies. Four GMVPP preapproval visits and Seven GMVPP Annual Reviews. GMVPP seminar held in April 2010 70 attendees. One company entered the GMVPP Challenge program.
<b>Outreach</b>		
<b>• Construction</b>		
Target construction employers through organizations offering defensive driving education		
Work with AGC and Homebuilders to recruit one new VPP applicant		Work ongoing
<b>• Silica</b>		
Reach out to AGC for promoting engineering controls when cutting stone and granite curbstones		Silica is discussed at all OSHA 10 courses
Reach out to concrete manufacturers with CD on noise and silica		Discussed engineering controls with AGC for concrete cutting operations. CSHOs will stop if they see a large plume of dust.
<b>• Work Zones</b>		
Work with AGC, VTRANS, League of Cities, etc. to promote work zone safety		Workzone safety discussed at AGC roundtable meetings VTRANS workzone safety committee is still active.
Work with state and private road construction companies to distribute work zone safety materials		Distributed through AGC, VTRANS and VT. League of Cities and Towns.
Promote RoadSafe newsletter; Send RoadSafe newsletter to AGC for distribution		24 bi- monthly ROADS SAFE newsletters distributed electronically. These newsletters stress seat belt use, reduction of distractions and defensive driving discussed with employers that have workers that drive for business. Transportation issues are raised during enforcement inspections, informal conferences and consultative visits with employers that have workers that drive for business.
Coordinate workplace traffic safety programs with AGC/VT and VTRANS		Training conducted
Work with State Police and sheriffs to promote work zone safety		

Non-Inspection Activity	
Activity	FY 2010 SOAR Data
<b>• Other Outreach Activities</b>	
Promote availability of VOSHA CAS and Project WorkSAFE	Ongoing
Conduct outreach at industry specific trade shows	Set up booths at trade shows
Participate in three trade shows/expos	Participated at 3 trade shows/expos.
<b>Other</b>	
Continue agreement with electrical utilities for reporting of electrical contacts with transmission and distribution lines	Ongoing
Use sound level meters to screen for possible over exposures and to make appropriate referrals	Ongoing
In work zones, exercise strong enforcement of signs, signals and barricades with particular emphasis on PPE	CSHOs evaluate workzones when they encounter them. If there are any problems, the CSHO will open an inspection.
Work with lumber industry to implement new Workers Comp. legislation to reduce premiums	
Support Project WorkSAFE in Large Farm Initiative	Ongoing
Obtain list from W/C of employers with Amputations	Ongoing. Companies with amputations are added to the Vermont SST list
Review OSHA 300 log on all inspections looking for lacerations and amputations	Ongoing
Use DOL data base to target enforcement and consultation efforts toward selected NAICS codes where silica is present	
Develop MOU with DOH Board Certified Occup. Health physician	Collaboration is between physician and Project WorkSAFE

## **PROGRESS TOWARD STRATEGIC PLAN ACCOMPLISHMENT**

Vermont BLS DART rates for the period 2006 – 2009 have been reduced for all NAICS divisions as follows:

Year	All	Private sector	Manufacturing	Construction	Public sector
2006	2.5	2.5	3.5	5.5	2.5
2007	2.7	2.8	3.4	4.1	2.0
2008	2.4	2.5	3.4	4.0	1.4
2009	2.1	2.2	2.6	3.8	1.3

During FY 2010 VOSHA conducted 273 Safety inspections and 99 Health inspections. These inspections resulted in 233 Other, 516 Serious, 2 Willful and 14 Repeat violations. 57.8% of the inspections had S/W/R violations and 24.2% were in compliance. There were 2 FAT/CAT inspections, 88 Complaints and 41 Referrals. Most of the referrals were CSHO self referrals for LEP inspections.

For calendar year 2008, The National Conference of Compensation Insurers (NCCI) proposed an overall Workers' Compensation rate reduction of 4.1%. For 2009 the rate reduction is 13.0% for the voluntary market and 9.6% for the Assigned Risk Pool. For 2010, the overall reduction in the Workers' Compensation Voluntary pool is an additional 2.6% and 2.3% in the Assigned Risk Pool.

During FY 2010 VOSHA conducted 38 formal trainings for a total of 1012 participants.

Two strategic goals were established for the Vermont Division of Occupational Safety and Health's (VOSHA) five-year Strategic Plan. These strategic goals are:

**Goal 1.1**

**By 2013, reduce the rate of workplace injuries and illnesses in construction by 15% and reduce fatalities by 25%**

<b><i>Area of Emphasis</i></b>	<b><i>Reduction in Injury/Illness Rate</i></b>	<b><i>Reduction in fatalities</i></b>
<b>Construction</b>	15%	25%
<b>High incident/High severity industries</b>		
A. Residential and Commercial building construction		
B. Highway Street and bridge construction		
C. Roofing		
<b>Safety and Health hazard emphasis</b>		
D. Falls from elevation		
E. Trenching		
F. Struck by		
G. Electrical		
H. Noise		
I. Silica		
J. Youth Workers		
K. Highway Workzones		

A summary of VOSHA's progress toward achievement of each of its five-year strategic goals follows.

**Annual Performance Goal # 1.1: Reduce workplace injuries and illnesses in Construction by 3% and reduce fatalities by 25%**

**Residential and Commercial**

**Discussion of strategies used to support goal accomplishment and data used in measuring.**

Overall, VOSHA conducted 176 safety inspections and 21 health inspections in construction. There were 10 complaints, 21 referrals and 1 FAT/CAT inspection. VOSHA conducted 56 inspections in Residential and Commercial building construction (SIC 1500-1599). VOSHA continued its LEPs in residential construction, trenching and fall protection. Inspection staff is required to stop at every excavation they encounter in their travel. All excavations are subject to inspection. Additionally, inspectors are required to conduct an inspection whenever they observe a fall hazard. These LEPs have resulted in an increase in the number of self referrals. VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

The Alliance between VOSHA and AGC is ongoing. The Regional Alliance with the Safety and Health Council of Northern New England is ongoing. Alliances with the VT Safety and Health Council and Vermont Rural Water are ongoing. VOSHA continues to participate in AGC training activity. VOSHA distributed training materials to AGC. VOSHA has targeted inspections in the construction industry. VOSHA staff has conducted training in construction and participated in two construction "safety days" for 2 separate construction companies. Four OSHA 10-hour courses were provided to 106 students.

**Conclusion:**

VOSHA conducted 54.9% of its total inspections and 57.2% of its programmed inspections in construction. The Vermont VPP Construction program is in place. VOSHA continues to participate in the AGC training. Training materials were distributed to AGC. VOSHA has targeted inspections in the construction

industry. VOSHA staff has conducted training in construction. Vermont met its goal of reducing construction fatalities, but saw an increase in the DART rate from 2007 to 2009. It should be noted that the number of Vermont fatalities is very small and therefore the number can be quite volatile.

	2006	2007	2008	2009
Fatalities	3	0	0	0
DART Rate	6.9	4.7	5.8	3.9

### **Highway, street and bridge construction**

#### **Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 38 inspections in highway, street and bridge construction (SIC 1600-1699). VOSHA continued its LEPs in trenching and fall protection. Inspection staff is required to stop at every excavation they encounter in their travel. All excavations are subject to inspection. Additionally, inspectors are required to conduct an inspection whenever they observe a fall hazard. These LEPs have resulted in an increase in the number of self referrals. VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

There was one construction workzone fatality in 2010.

#### **Conclusion:**

There was 1 fatality in 2010.

Vermont met its goal of reducing fatalities and the BLS DART rate.

	2006	2007	2008	2009	2010
Fatalities	0	0	0	0	1
DART Rate	4.9	2.6	3.1	3.1	

It should be noted that the number of Vermont fatalities is very small and therefore the number can be volatile.

## **Roofing**

### **Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA continued its LEPs in residential construction and fall protection. VOSHA conducted 26 inspections in the roofing industry (SIC 1761) and issued 61 violations. All inspectors are required to conduct an inspection whenever they observe a fall hazard. The LEPs have resulted in an increase in the number of self referrals. VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

### **Conclusion:**

VOSHA conducted 26 inspections in SIC 1761. VOSHA also conducted 66 Fall LEP inspections. There were no fatalities in 2010.

## **Falls from elevation**

### **Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 66 Fall LEP inspections. VOSHA continued its LEPs in residential construction and fall protection. Inspectors are required to do an inspection whenever they observe a fall hazard. The LEPs have resulted in an increase in the number of self referrals. VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

VOSHA has implemented a policy that requires fall protection violations to be classified as High/Greater and penalized at \$7000.

### **Conclusion:**

There were no fatalities in 2010.

## **Trenching**

### **Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 3 trenching LEP inspections. VOSHA continued its LEP in trenching. Inspection staff is required to stop at every excavation they encounter in their travel. All excavations are subject to inspection. VOSHA's LEPs are discussed with AGC or other construction trade associations and are part of any training programs that VOSHA conducts with or for these organizations. The LEP has resulted in an increase in the number of self referrals. VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

### **Conclusion:**

During FY 2010 Vermont had no trenching or excavation fatalities.

## **Struck by**

### **Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 176 safety inspections and 21 health inspections. There were 10 complaints, 21 referrals and one FAT/CAT inspection. VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

**Conclusion:** There was one highway workzone fatality in 2010. CSHOs are consistently evaluating highway workzones when they encounter them.

## **Electrical**

### **Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 176 safety inspections and 21 health inspections. There were 10 complaints, 21 referrals and one FAT/CAT inspection. VOSHA's online

complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

**Conclusion:**

VOSHA conducted 197 construction inspections (176 Safety and 21 Health). 63% of the violations were S/W/R. 23.2% of the inspections were in compliance. VOSHA cited 95 electrical hazards.

VOSHA conducted 8 OSHA 10-hour courses for 223 attendees, and two construction safety days with 82 attendees. These attendees included workers, project managers and superintendents.

**Noise**

**Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 176 safety inspections and 21 health inspections. There were 10 complaints, 21 referrals and one FAT/CAT inspection. VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

**Conclusion:**

VOSHA conducted 5 sound level screenings. One referral was made to health.

**Silica**

**Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 176 safety inspections and 21 health inspections. There were 10 complaints, 21 referrals and one FAT/CAT inspection. VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

**Conclusion:**

VOSHA conducted 5 silica related inspections in 2010. CSHOs will stop at a worksite if they see a plume of dust.

**Youth Workers****Discussion of strategies used to support goal accomplishment and data used in measuring outcomes****Conclusion:**

VOSHA conducted 176 safety inspections and 21 health inspections. There were 10 complaints, 21 referrals and one FAT/CAT inspection. VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

During FY10 the following courses were conducted:

8 OSHA 10 Construction courses for 223 attendees

3 OSHA 10 courses for apprentices for 107 attendees

2 OSHA 10 hour General Industry courses for 25 attendees

2 safety days presentations for 2 separate GC's. for 82 attendees

1 highway workzones training for 20 attendees

7 trench/confined space training for 132 attendees

2 VOSHA 10 hour course for VT. DOL youth training initiative for 400 attendees

1 30-hour construction course for 30 attendees

2009 BLS data reported 360 non-fatal injuries and illnesses for workers under age 25 that resulted in lost time.

## Highway workzones

**Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

6 inspections were conducted including one fatality investigation. CSHOs conduct an inspection whenever they observe a violation in a workzone. VOSHA is participating in a Work Zone Safety committee headed by the Agency of Transportation. Membership included law enforcement, utilities, construction employers and the Vermont League of Cities and Towns. VOSHA distributed a flagger training CD that was developed by AOT under its Alliance with VOSHA.

**Conclusion:** There was one highway workzone fatality in 2010. CSHOs are consistently evaluating highway workzones when they encounter them.

## **Goal 1.2**

**By 2013 reduce the rate of workplace injuries and illnesses in General Industry by 15% and reduce fatalities by 25%**

<b><i>Area of Emphasis</i></b>	<b><i>Reduction in Injury/Illness Rate</i></b>	<b><i>Reduction in fatalities</i></b>
<b>General Industry</b>	15%	25%
<b>High incident/High severity industries</b>		
A. Food processing		
<b>B. Lumber and wood products</b>		
C. Small business		
D. Large Farm Initiative		
E. Targeted NAICS SICs		
<b>Safety and Health hazard emphasis</b>		
F. Amputations		

G. Isocyanates, asthma and allergies		
H. Electrical		
I. Powered industrial trucks		
J. Noise		
K. Silica		
L. Transportation		
M. Youth Workers		

## **Goal 1.2**

**Reduce workplace injuries and illnesses in General Industry by 3% and reduce fatalities by 25%**

### **Food Processing**

**Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 168 General Industry inspections (95 Safety and 73 Health). VOSHA conducted 12 inspections in food and kindred products (SIC 2000 – 2099) and issued 41 violations. VOSHA’s online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

The VT Department of Health Food and Lodging division continues to refer persons interested in opening a restaurant to the VOSHA program. .VOSHA receives 1 to 2 contacts per month from Health Dept. referrals of employers opening a restaurant or a food processing business.

**Conclusion:**

VOSHA conducted 7.2% of its General Industry inspections in food processing. Vermont saw a decrease in the BLS DART rate from 2008 to 2009.

	2006	2007	2008	2009
Fatalities	0	0	0	0
DART Rate	6.9	4.7	5.0	3.6

**Lumber and Wood Products**

**Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 168 General Industry inspections (95 Safety and 73 Health). VOSHA conducted 15 lumber & wood product inspections and issued 46 violations. VOSHA’s online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

Four wood dust samples were sent to the Salt Lake Laboratory for testing and found to be explosive. On two other inspections a housekeeping violation was issued for excessive amounts of dust.

**Conclusion:**

	2006	2007	2008	2009
Fatalities	2	1	1	0
DART Rate	3.0	4.2	4.7	4.0

VOSHA met its goal of reducing the DART rate for this industry. VOSHA investigated 2 logging fatalities, but did not have jurisdiction on either.

## **Small Business**

### **Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 168 General Industry inspections (95 Safety and 73 Health). VOSHA electronic complaint process is operational. VOSHA info mailbox is operational for employer or employee questions.

8 OSHA 10 Construction courses for 223 attendees

3 OSHA 10 courses for apprentices for 107 attendees

2 OSHA 10 hour General Industry courses for 25 attendees

2 safety days presentations for 2 separate GC's for 82 attendees

1 highway workzones training for 20 attendees

7 trench/confined space training for 132 attendees

2 VOSHA 10 hour course for VT. DOL youth training initiative for 400 attendees

1 30 hour construction course for 30 attendees

VOSHA reprinted OSHA publications for small businesses. Articles in the DOL monthly newsletter to small businesses are written by VOSHA and WorkSAFE staff. VOSHA advertised courses for the SBDC, the VT Safety and Health Council and Green Mountain Coffee Roasters. [Name Redacted], working under a grant from the Governor's Highway Safety Council, provides training and education on vehicular safety including seat belt use, defensive driving and avoidance of distractions. The Project RoadSafe newsletter published bi-monthly. VOSHA promoted its own and Project WorkSAFE websites through outreach to employers and associations, and demonstrated to employer and employee associations how to use OSHA website.

The Governor's Safety Award reinforced the importance of comprehensive safety and health programs by recognizing all the companies that were nominated for

the award and highlighting their low DART rates. Press releases were issued to publicize the awards. The GMVPP press releases highlight the companies.

**Conclusion:**

103 small businesses were reached with training and information. VOSHA conducted 197 inspections at firms with less than 25 employees and issued 371 violations.

**Large Farm Initiative**

VOSHA supports Project WorkSAFE's activities in this industry, but because of concerns from the industry, does not participate actively.

There was 1 farm fatality; however, VOSHA did not have any jurisdiction because the employer had fewer than 11 workers.

**Targeted NAICS SICs**

**Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 168 General Industry inspections (95 Safety and 73 Health). VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses. All companies on the VOSHA SST list were inspected either by enforcement or Project WorkSAFE. Additionally, all companies that reported an amputation to Workers' Compensation were placed on the targeted inspection list.

**Conclusion:**

100% of the high rate companies on ODI list were inspected by VOSHA or Project WorkSAFE.

## **Amputations**

### **Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 175 General Industry inspections (97 Safety and 78 Health). VOSHA conducted 42 inspections at worksites that had potential exposures to amputation hazards. Additionally, all companies that reported an amputation to Workers' Compensation were placed on the targeted inspection list.

### **Conclusion:**

Amputations decreased by 4% from the previous year.

Amputations reported to Workers' Compensation by year are as follows:

2006-22

2007 25

2008 23

2009 22

## **Isocyanates, asthma and allergies**

### **Discussion of strategies used to support goal accomplishment and data used in measuring outcomes**

During FY 09 VOSHA conducted the following inspections:

4 lead inspections

8 explosive dust inspections

5 mold inspections

3 isocyanates inspections

### **Conclusion:**

VOSHA conducted 3 inspections of spray foam insulation contractors with no overexposures.

The VT Dept. of Health Asbestos and Lead Abatement program makes referrals to VOSHA when there is a potential for a work related overexposure.

## **Electrical**

### **Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 175 General Industry inspections (97 Safety and 78 Health). VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

### **Conclusion:**

There were no fatalities in 2010

2010 2 electrical contacts reported by utilities

2010 WC reported 11 electrical burns and 1 lost time

An informal agreement with electric utilities for the reporting of electrical contacts with transmission and distribution lines is ongoing.

Training was provided to 100 electrical and plumbing apprentices through the Vermont Apprenticeship Program's related instruction classes.

VOSHA continued its Alliance with IBEW and AGC. AGC membership includes the VT Electrical Contractors Assn. (VECA)

## **Powered Industrial trucks**

### **Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

Powered industrial trucks are evaluated and training is reviewed during inspections.

### **Conclusion:**

VOSHA conducted 175 General Industry inspections (97 Safety and 78 Health). VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

VOSHA issued 14 citations for powered industrial trucks on 8 inspections and also issued 3 citations in construction.

## **Noise**

**Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted four inspections where noise sampling was performed and issued 8 violations. Occupational noise is covered in all OSHA 10 hour courses

**Conclusion:**

2008--11 first reports of injury for hearing loss

2009--14 first reports of injury for hearing loss

## **Silica**

**Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

VOSHA conducted 7 silica related inspections in 2010.

**Conclusion:**

W/C 2007. 83 first reports of injury for respiratory illness

W/C 2008. 100 first reports of injury for respiratory illness

W/C 2009 74 first reports of injury for respiratory illness

## **Transportation**

**Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

An Alliance with the VT Chamber of Commerce includes seat belt use, defensive driving and reduction of distractions. [Name Redacted], working under a grant from the Governor's Highway Safety Council, provides training and education on vehicular safety including seat belt use, defensive driving and avoidance of distractions. Mr. James works closely with Workers' Compensation, VOSHA and Project WorkSAFE. The Project RoadSAFE newsletter focuses on increasing awareness of the potential workers' compensation costs of a traffic accident and to urge employers to adopt strict driver policies for their companies. This newsletter is published bi-monthly and distributed electronically.

**Conclusion:**

VOSHA conducted 175 General Industry inspections (97 Safety and 78 Health).

2008 CFOI 4 fatalities

2008 WC 35 lost time injuries

2009 CFOI 7 fatalities

2009 WC 45 lost time injuries

**Youth workers****Discussion of strategies used to support goal accomplishment and data used in measuring outcomes:**

The Alliance continues with North Country Career Center (VOTEC center). AGC, Project Work SAFE and local construction contractors were involved in providing the construction 10 hour course for high school VOTEC students.

The Alliance with the VT Chamber of Commerce included information on youth employment and the DOL hazardous orders. VOSHA conducted 2 Construction and 1 General Industry 10 hour course for 52 vocational technical students. 100 electrical and plumbing apprentices were trained. Only new apprentices are trained each year.

**Conclusion:**

2010--80 Vocational students and 100 apprentices trained.

2009-- BLS reported that there were 360 non-fatal injuries and illnesses for workers under age 25 that resulted in lost time

Only new apprentices were trained. Training was not required for apprentices that had the training in previous years.

VOSHA conducted 176 safety inspections and 21 health inspections. There were 10 complaints, 21 referrals and one FAT/CAT inspection. VOSHA's online complaint process is operational and its information mailbox is used by employers and employees to submit questions and receive responses.

During FY10 the following courses were conducted:

8 OSHA 10 Construction courses for 223 attendees

3 OSHA 10 courses for apprentices for 107 attendees

2 OSHA 10 hour General Industry courses for 25 attendees

2 safety days presentations for 2 separate GC's for 82 attendees

1 highway workzones training for 20 attendees

7 trench/confined space training for 132 attendees

2 VOSHA 10 hour courses for VT DOL youth training initiative for 400 participants

1 30 hour construction course for 30 attendees

2009 BLS reported 360 non fatal injuries and illnesses for workers under 25 that resulted in lost time

**STATE OF VERMONT  
STATE INTERNAL EVALUATION PLAN  
(SIEP)  
FISCAL YEAR 2010  
EVALUATION REPORT  
OCTOBER 1, 2009 THROUGH SEPTEMBER 30, 2010**

**SEE VOSHA CORRECTIVE ACTION PLAN FOR THE  
VERMONT EFAME**