## A Look at Occupational Safety & Health in 2018

USDOL/OSHA
Ronald Williams – Compliance
Assistance Specialist



### **New Administration**



Alexander Acosta Secretary of Labor

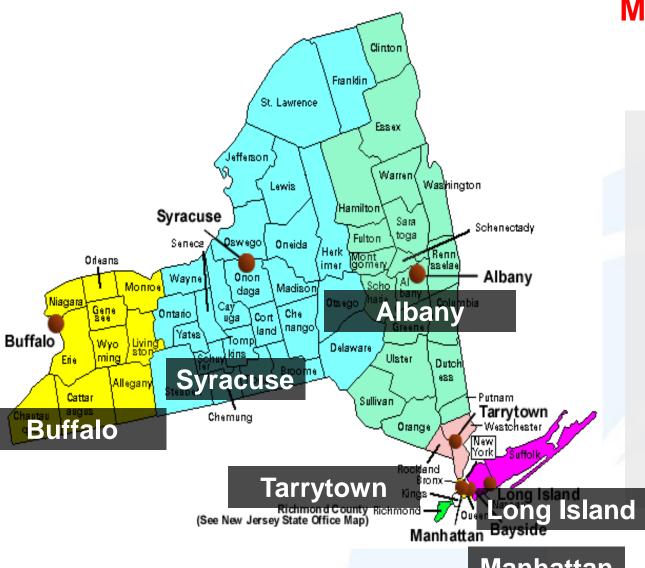


(Scott Mugno, FedEx???)

Assistant Secretary of Labor for OSHA



### NYS OSHA Area Offices



**Main OSHA Number:** 

1-800-321-OSHA, 1-800-321-6742

**Buffalo Area Office** 

(716) 551-3053

**Syracuse Area Office** 

(315) 451-0808

**Albany Area Office** 

(518) 464-4338

**Tarrytown Area Office** 

(914) 524-7510

**Manhattan Area Office** 

(212) 620-3200

**Long Island Area Office** 

(516) 334-3344



Manhattan

## **OSHA's Continuing Mission**

 A total of 5,190 Americans workers died from occupational injuries in 2016.

Perhaps as many as 50,000 workers die from illnesses in which workplace exposures were a contributing factor.

 Millions of workers suffer a serious nonfatal injury or illness annually.





## **Employer Responsibility**

- OSH Law: Workplace safety and health is the responsibility of employers
- Cornerstone: Prevention
- Set the tone: Make safety and health a workplace priority

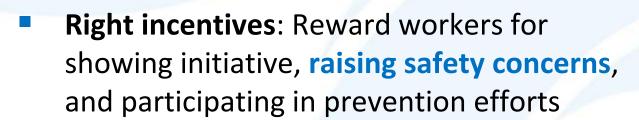






Chart 1. Number of fatal work injuries by employee status, 2003–16

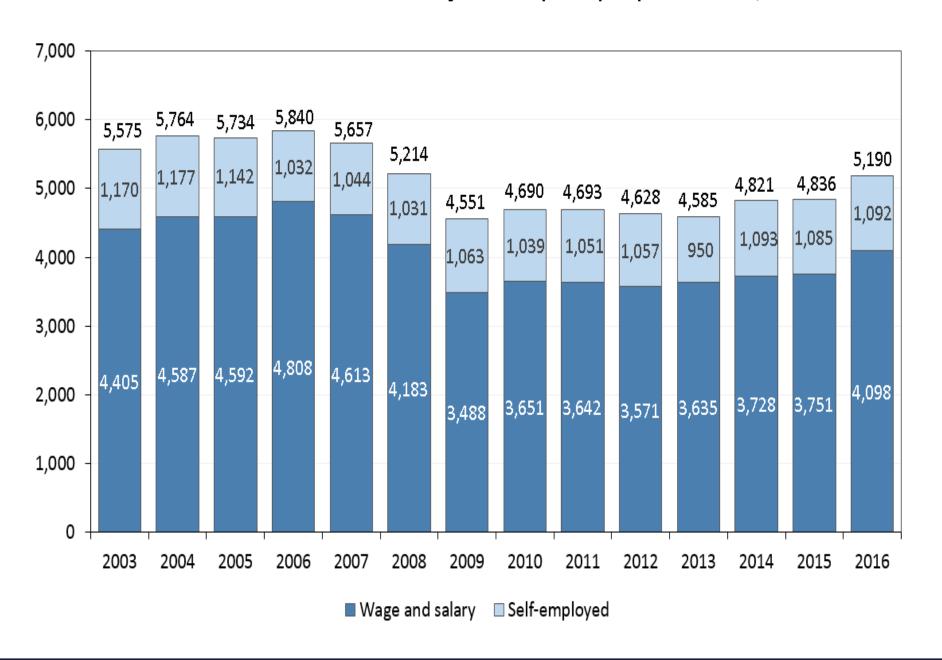


Chart 2. Fatal occupational injuries by major event, 2015-16

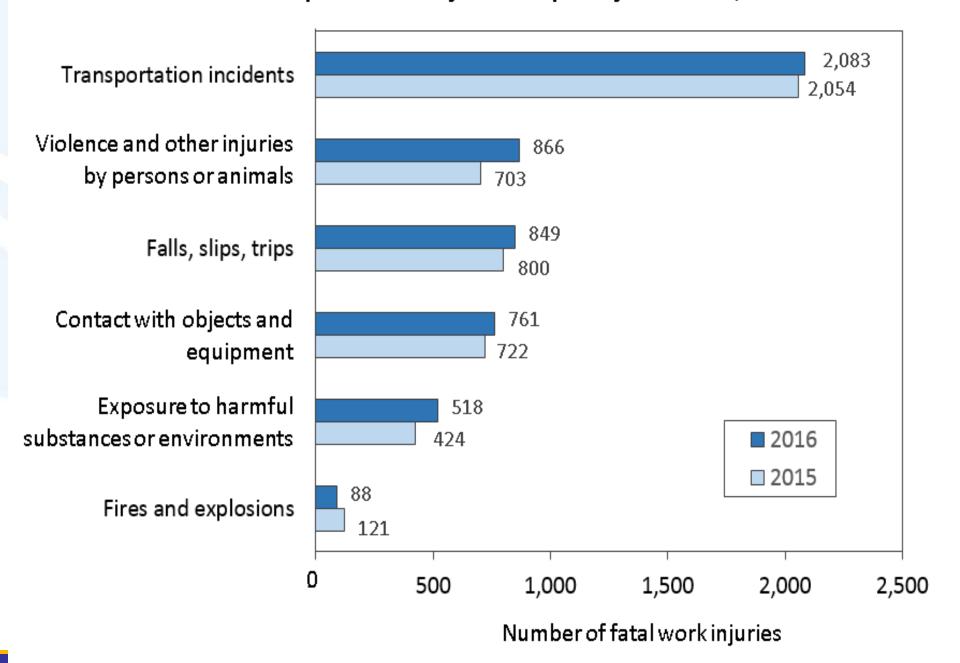
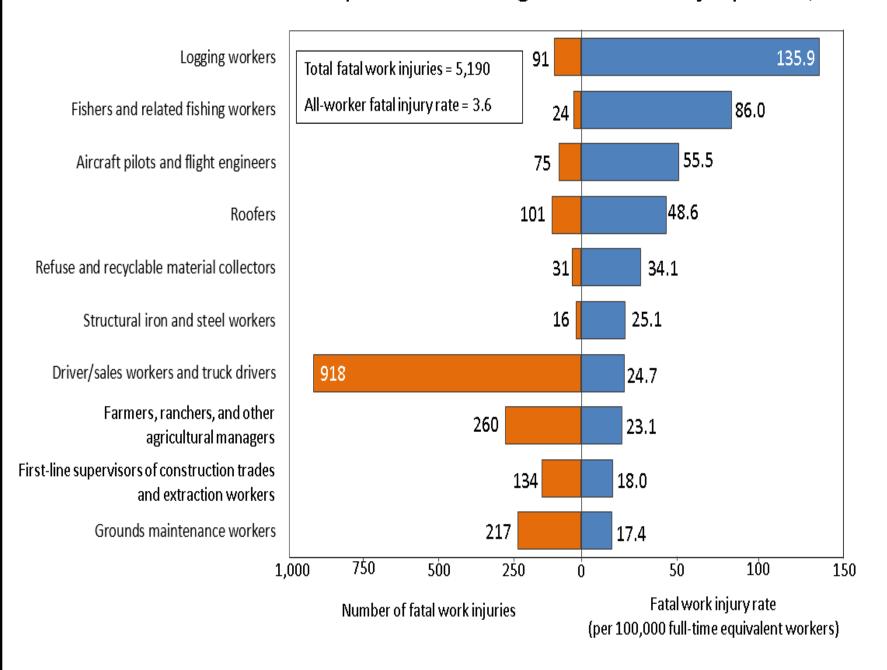


Chart 3. Civilian occupations with high fatal work injury rates, 2016



## **Fatal Incidents**





### https://www.osha.gov/dep/fatcat/dep\_fatcat.html





Worker Fatalities Reported t... ×

Find it in OSHA

7 INDEX

Occupational Safety and Health Administration

English | Spanish

ABOUT OSHA T WORKERS T EMPLOYERS T REGULATIONS T ENFORCEMENT TOPICS T NEWS & PUBLICATIONS T DATA T TRAINING T

#### **Fatality Inspection Data**

Work-related fatalities for cases cited by Federal OSHA



This page provides data on work-related fatalities for cases in which the employer was issued a citation by Federal OSHA where at least one violation was related to the fatality. These incident summaries include only cases in which citations and penalties were issued for fatalities that occurred on or after January 1, 2017. OSHA investigates all work-related fatalities in all covered workplaces. OSHA has up to six months to complete an investigation and determine whether citations will be issued. Employers <a href="mailto:must report">must report</a> worker fatalities to OSHA within eight hours.

#### Related pages

- Data & Statistics
- Workers' Memorial Day
- Fatal Facts



#### FAT/CAT Report (FY 2017)



- 05/13/17, Estenson Logistics, Newport, NY, an employee was struck by a bundle of fence piping being unloaded off a tractor trailer with a fork lift.
- 06/06/17, Diman & Bacorn, Inc., Elmira, NY, an employee was crushed while working under a semi truck.
- 06/13/17, Weitsman Recycling LLC., Owego, NY, an employee was struck by a front end loader moving an SUV.
- 09/27/17, Riccelli Enterprises, Inc., Owego, NY, an employee was struck by a raised tractor dump trailer that tipped over.







#### FAT/CAT Report (FY 2018)



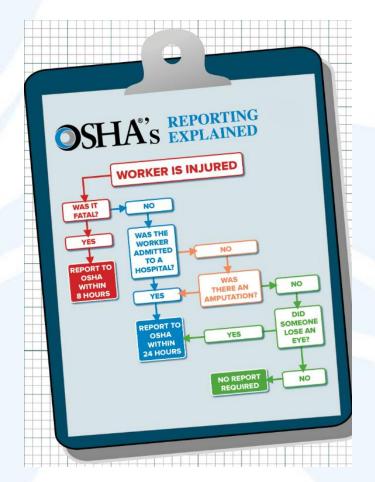
- 10/25/17, Pro Fleet Transport Corp., an employee fell while unloading light posts off a flat bed truck.
- 11/19/17, Marks Dairy Farms, Lowville, NY, an employee was crushed inside an manure separator.





## Report a fatality or severe injury

- All employers are required to notify OSHA when an employee is killed on the job or suffers a work-related hospitalization, amputation, or loss of an eye.
- A fatality must be reported within 8 hours.
- An in-patient hospitalization, amputation, or eye loss must be reported within 24 hours.





## How can employers report to OSHA?

- During business hours, call the nearest OSHA office
- Or call the OSHA 24-hour hotline 1-800-321-6742 (OSHA)
- Electronically online at www.osha.gov
  - Be prepared to supply: Name of the establishment, location and time of the incident, names of employees affected, brief description of incident, and a contact person and phone number





# How Does OSHA Decide Who to Inspect?

OSHA cannot inspect all workplaces it covers each year. The agency seeks to focus its inspection resources on the most hazardous workplaces.







# Active National & Special Emphasis Programs

- Combustible dust
- Federal agencies
- Hazardous machinery
- Hexavalent chromium
- Lead
- Silica

- Primary metal industries
- Process safety management
- Shipbreaking
- Trenching & Excavation



## FY2018 Syracuse Local Emphasis Programs

- Fall Hazards in Construction
- Heavy Highway and Bridge Construction and Maintenance
- Warehousing and Refuse Handlers and Haulers
- Construction Worksites Local Targeting
- Health High Hazard Top 50
- Dairy Farm Operations
- Gut Rehabilitation and Demolition
- Federal Agencies





# Enforcement Stats (FY 2017 – SYAO)



- 419 inspections conducted
  - 317 safety (76%)
  - 102 health (24%)
  - 219 programmed
  - 200 unprogrammed
    - 4 fatal incidents
  - 163 construction (39%)
  - 256 general industry (61%)

- 865 citations issued
  - Over 81% willful, repeat and serious
- \$4.1M in penalties issued
- Avg. per willful violation = \$46,651
- Avg. per repeat violation = \$10,925
- Avg. per serious violation = \$3,541



### Significant Cases issued in FY 17

- Carthage Specialty Paperboard, Inc., Carthage,
   NY \$363,783 numerous serious violations
- Pin Quist Tool & Die Company, Inc., Rome, NY -\$162,141 – two willful and numerous serious violations

## Significant Cases issued in FY 18

- Crosman Corporation, Bloomfield, NY \$243,775
   numerous serious and repeat violations
- Marshall Ingredients, LLC, Wolcott, NY -\$300,062 – two willful and numerous serious violations

# **Electronic Reporting: When Must Employers Act?**

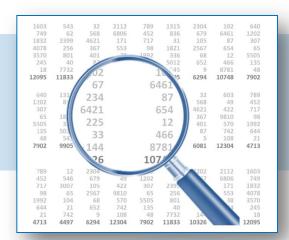
#### If you have 250 or more employees:

- **By December 31, 2017** submit 300A info
- **By July 1, 2018** submit 300A, 300, and 301 info
- Beginning in 2019 submit info every year by March 2

#### If you have 20-249 employees (certain high-risk industries):

- **By December 31, 2017** submit 300A info
- **By July 1, 2018** submit 300A info
- Beginning in 2019 submit info every year by March 2

Anti-retaliation provisions went into effect December 1, 2016



## **New Penalty Levels\***

Adjusted Jan 15, 2018

Type of Violation	New Maximum**
Serious and Other-Than-Serious Posting Requirements	\$12,934 per violation
Willful or Repeated	\$129,336 per violation
Failure to Abate	\$12,934 per day beyond the abatement date

<sup>\*</sup>Maximum penalties will be readjusted <u>annually</u> for inflation.

<sup>\*\*</sup>Penalties increased 2% as required by the Federal Civil Penalties Inflation Adjustment Act of 2015



## **OSHA Annual Summary, 300A**

## Basic requirement. At the end of each calendar year, you must:

- Review the OSHA 300 Log to verify that the entries are complete and accurate, and correct any deficiencies identified;
- Create an annual summary of injuries and illnesses recorded on the OSHA 300 Log;
- Certify the summary; and
- Post the annual summary for each establishments in a conspicuous place from February 1, 2018 to April 30, 2018

https://www.osha.gov/pls/oshaweb/owadisp.show \_document?p\_table=STANDARDS&p\_id=12776



## Winter Weather Preparedness

- Cold Stress (Frostbite, Hypothermia)
- Preventing Slips on Snow and Ice
- Shoveling Snow
- Clearing Snow from Heights
- Using Powered Equipment
- Winter Driving
- Downed Trees and Power Lines
- Stranded in a Vehicle







www.osha.gov/beryllium



### **Benefits of the Rule**

- Rule will affect approximately 62,000 workers
  - Primarily used in the aerospace, electronics, energy, telecommunication, medical and defense industries
- In general industry, exposure to beryllium can occur in the following industries and activities:
  - Beryllium production; beryllium oxide ceramics and composites; nonferrous foundries; secondary smelting, refining, and alloying; precision turned products; copper rolling, drawing, and extruding; fabrication of beryllium alloy products; welding; and dental laboratories
- Estimated to prevent 94 beryllium related diseases and 46 new cases of chronic beryllium disease each year



### **How This Rule Protects Workers**

REDUCES **PEL** to **0.2** μg/m<sup>3</sup> (8-hour TWA)

Establishes a short-term exposure limit (STEL) of 2.0  $\mu$ g/m<sup>3</sup> over 15-minute sampling period.

Requires employers to protect workers by:

- IMPLEMENTING ENGINEERING CONTROLS
- LIMITING WORKER ACCESS TO HIGH-EXPOSURE AREA
- DEVELOPING WRITTEN EXPOSURE CONTROL PLAN
- TRAINING WORKERS



## Beryllium



#### Dates:

- March 12, 2018: Comply with most elements
- March 11, 2019: Provide required change rooms and showers
- March 10, 2020 to implement engineering controls

https://www.osha.gov/berylliumrule/index.html



## **National Ladder Safety Month**

#### March 2018:

- Training
- Usage

Inspect and properly dispose of old, damaged or obsolete ladders





Ladders Can Kill:

Las caídas desde escaleras pueden ser mortales:

# Falls from portable extension ladders



### Ladderway floor hole or platform hole



1910.28(b)(3)(iv) - Each employee is protected from falling into a ladderway floor hole or platform hole by a guardrail system and toe-boards erected on all sides, except at the entrance to the hole, where a self-closing gate or an offset must be used

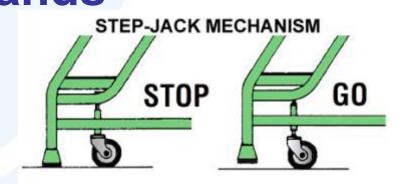
Note: This paragraph applies to fixed ladders that extend to another working surface, even if the ladder attaches to the edge of the working surface or the platform, since the opening at the ladder access point is also a floor opening.

https://www.osha.gov/pls/oshaweb/owadisp.show\_document ?p\_table=INTERPRETATIONS&p\_id=27215



# 1910.23(e)(1)(vii) Mobile Ladder Stands



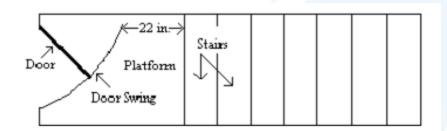






## 1910.25(b)(5) Stairway platform

- When a door or gate opens directly on a stairway, a platform is provided, and the swing gate does not reduce the platform's effective usable depth to:
- Less than 20 inches for existing platforms
- Less than 22 inches for new platforms







# NATIONAL WORK ZONE AWARENESS WEEK



### April 9 to 13, 2018:

National Work Zone Awareness Week (NWZAW) is an annual spring campaign held at the start of construction season to encourage safe driving through highway work zones. The key message is for drivers to use extra caution in work zones. Also, learn about Go Orange Day.

http://www.atssa.com/events/national workzoneawarenessweek.aspx



## Manual on Uniform Traffic Control Devices (MUTCD)

**Traffic space** 

**Buffer space** (lateral)



**Termination area** 

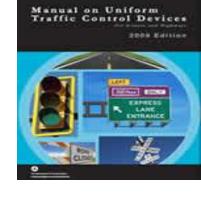
**Downstream taper** 



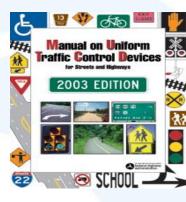
**Buffer space** (longitudinal)

**Transition area** 

Advance warning area



**Activity area** 





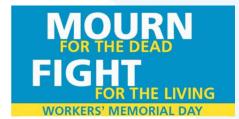
## **Workers' Memorial Day**



### **April 28, 2018:**

- Workers' Memorial Day, International Workers' Memorial Day or International Commemoration Day (ICD) for Dead and Injured or Day of Mourning is an annual day of remembrance and action for workers killed, disabled, injured or made ill.
- An opportunity to highlight the preventable nature of most workplace incidents and ill health
- Promote the need fight for improvements in workplace safety.
- Mourn for the dead Fight for the living.

Also OSHA's Birthday!



#### **NATIONAL SMALL BUSINESS WEEK**

April 29 - May 5, 2018 | Save the date!

#### April 29 to May 5 2018:



- Proclaimed National Small Business week by the President.
- Recognizes the critical contributions of America's entrepreneurs and small business owners.
- More than half of Americans either own or work for a small business, and they create about two out of every three new jobs in the U.S. each year.
- The SBA highlights the impact of outstanding entrepreneurs, small business owners, and others from all 50 states and U.S. territories.
- Create 21st century jobs, drive innovation, and increase America's global competitiveness.

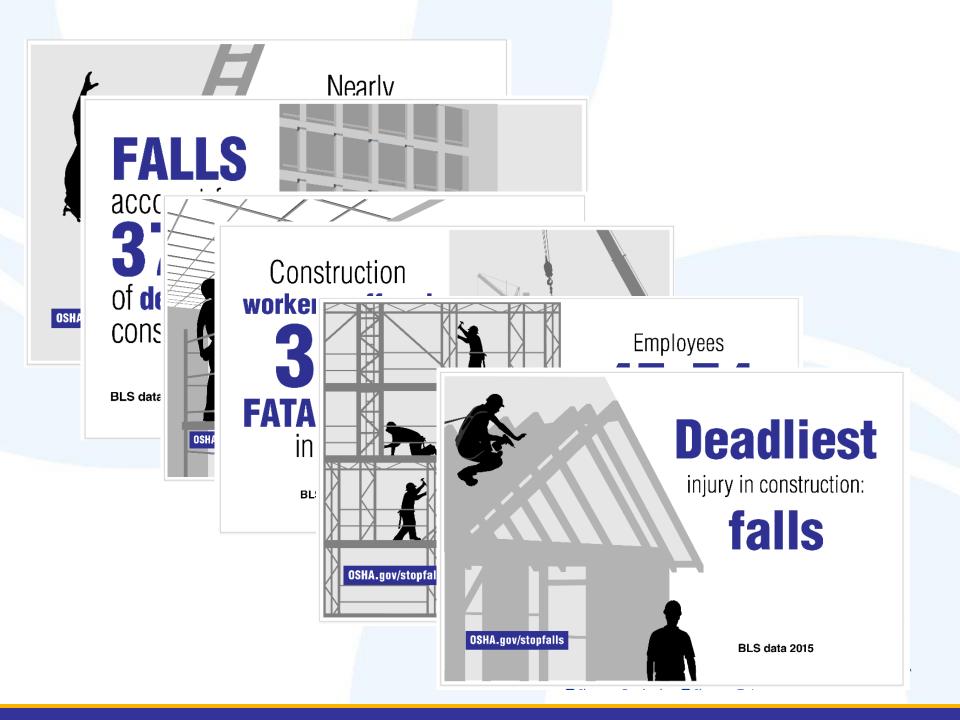
## National Safety Stand-Down

To Prevent Falls in Construction

### MAY 7-11, 2018

- A Safety Stand-Down is a voluntary event for employers
  to talk directly to employees about safety. Any workplace
  can hold a stand-down by taking a break to focus on
  "Fall Hazards" and reinforcing the importance of "Fall
  Prevention". It's an opportunity for employers to have a
  conversation with employees about hazards, protective
  methods, and the company's safety policies and goals. It
  can also be an opportunity for employees to talk to
  management about fall hazards they see.
- Certificate of Participation, Share





## Construction, Safety Week 2018



## May 7-11, 2018:

The Mission of Safety Week is to collectively raise the awareness of the construction industry's continuing commitment to eliminating worker injury, and to clearly communicate its dedication to a shared culture of care and concern and the belief that every week must be Safety Week.



http://www.constructionsafetyweek.com /events/plan-your-safety-weekactivities/



## Heat Illness Prevention Campaign Campaign Kickoff: May 25, 2018



### To prevent heat related illness and fatalities:

- Acclimate to the heat; most heat related fatalities occur on the first 3 days of exposure.
- Drink water every 15 minutes, even if you are not thirsty.
- Rest in the shade to cool down.
- Wear a hat and light-colored clothing.
- Learn the signs of heat illness and what to do in an emergency.
- Keep an eye on fellow workers.

http://www.osha.gov/heat

**WATER. REST. SHADE.** 

OSHA's Campaign to Keep Workers Safe in the Heat



## June is National Safety Month



National Safety Month focuses on reducing leading causes of injury and death at work, on the road and in our homes and communities.

- Week 1: Stand Up to Falls
- Week 2: Recharge to Be In Charge (Focusing on Fatigue)
- Week 3: Prepare for Active Shooters
- Week 4: Don't Just Sit There (Focusing on Ergonomics)
- Road Safety for Workers



# National Forklift Safety Day



## June 12, 2018:

Areas of concern:

- Training and Evaluation
- Maintenance
- Operation
- Handling Hazardous Material



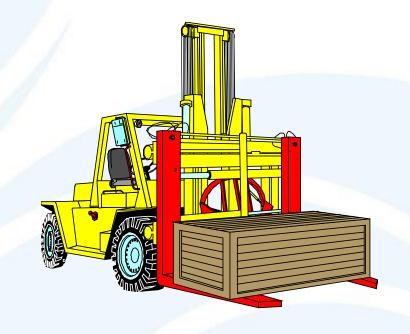
http://www.indtrk.org/national-forklift-safety-day/forklift-safety-day-2017





## 1910.178(a)(4) & 1926.(c)(1)(ii) Modifications

Modifications and additions which affect capacity and safe operation shall not be performed by the customer or user without manufacturer's prior written approval. Capacity, operation, and maintenance instruction plates, tags, or decals shall be changed accordingly.



Must get manufacturer's approval for modification





## **Trench Safety Stand Down**

## June 18-23, 2018:

### Focus on:



- Education, what are trenching & excavation hazards
- Reinforce the importance of using trench protective systems



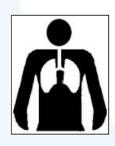
And protecting workers from trenching hazards.

Receive Recognition for Participating in the event.





Avoid trenches over 5ft deep without stepping/benching, or building trench walls out of wood o steel



### **Silica**



June 23, 2018: Silica General Industry

Breathe Easier and Maritime Standards Compliance Date.

- Complete an inventory of silica operations
- Perform an assessment of each
- Establish controls (engineering and work procedures)
- Provide PPE
- Housekeeping
- Create a written exposure control plan
- Communicate/Train the workers, include the work plan
- Medical surveillance
- Recordkeeping
- Review

https://www.osha.gov/dsg/topics/silicacrystalline/

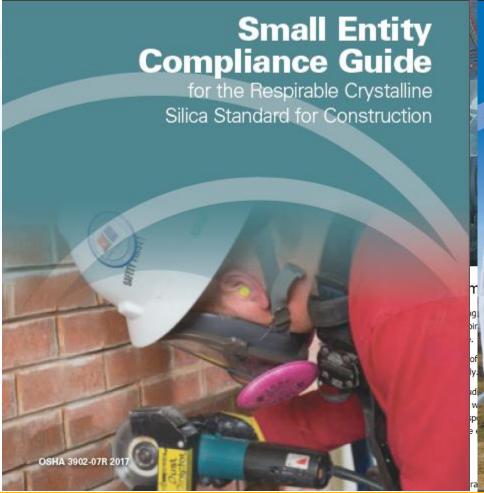


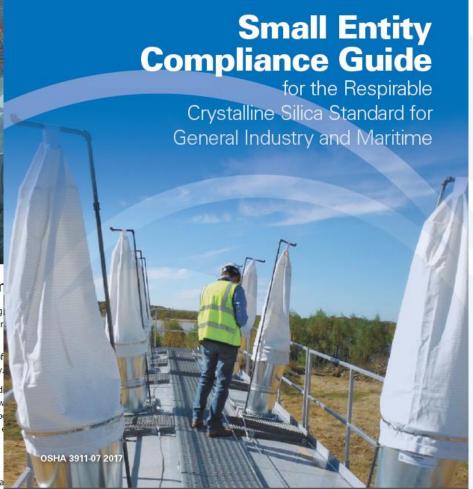
### Resources

https://www.osha.gov/silica/index.html









# **Electronically Submitting Injury, Illness Data**

### July 1, 2018:

Covered employers must electronically submit their 2017 OSHA Form 300A to OSHA. Based on establishment size 20 or more, 250 or more and NAICS codes.

### 1904.41 Electronically submitting injury, illness data

- 2017 data: Submit by: July 1, 2018
- 2018 data and forward: Submit by: March 2, 2019...

https://www.osha.gov/record keeping/finalrule/index.html

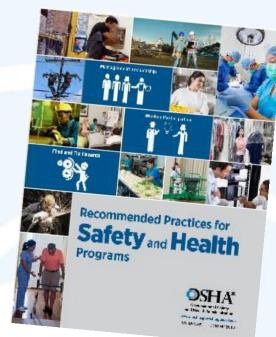


## Safe + Sound Week August 13-19, 2018



A nationwide event to raise awareness and understanding of the value of safety and health programs that include:

- Management leadership
- Worker participation
- Hazard identification and assessment
- Hazard prevention and control
- Education and training
- Program evaluation and improvement
- Coordination and Communication on Multi-Employer Worksites

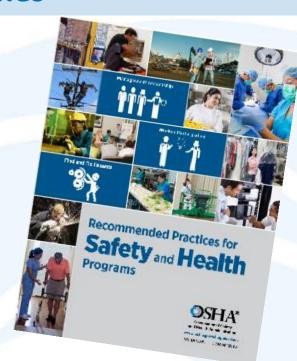




## Safety & Health Program Management Guidelines

### **OCTOBER 2016: Final Published Guidelines**

- Based on best thinking and experiences of successful employers
- Will help small and medium-sized employers find and fix hazards before workers are harmed
- Shows how multiple employers on same worksite can coordinate efforts to ensure all workers are given equal protection









Recommended Practices for

## Safety & Health Programs in Construction





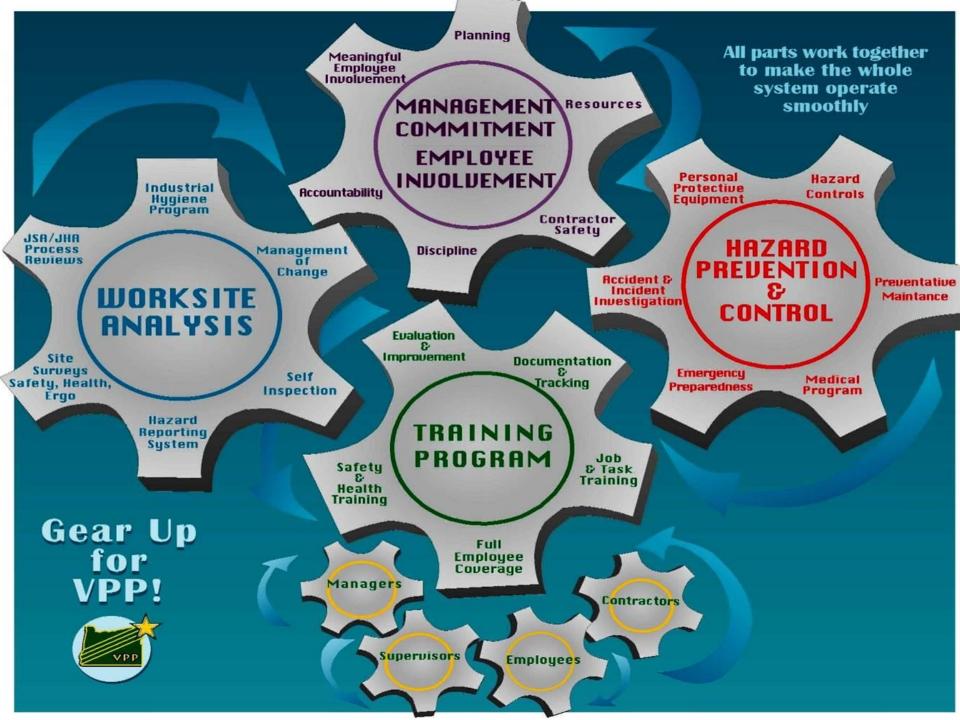












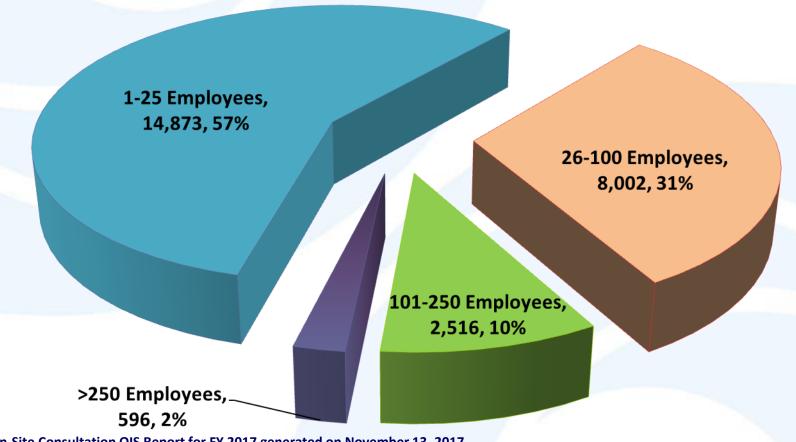
## OSHA Consultation Service New York: NYS Department of Labor/OSHA

- Aimed to help employers who want help in recognizing and correcting safety and health hazards and in improving their safety and health programs.
- Free, largely funded by OSHA
- Requirement: A commitment to correcting serious safety and health hazards
- Confidential, tailored to small business

## Size of Employers Receiving Consultation Services

**Total Visits in FY 2017: 25,987** 

FY 2017



- Sources: On-Site Consultation OIS Report for FY 2017 generated on November 13, 2017.
- Parameters: Private Sector, Closing Conference Date: October 1, 2016 September 30, 2017.
- Totals include 21(d) and 23(g) On-Site Consultation Project data.



## **On-Site Consultation Visits by Industry**



<sup>•</sup>Sources: On-Site Consultation OIS Report for FY 2017 generated on November 13, 2017.



<sup>•</sup> Parameters: Private Sector, Closing Conference Date: October 1, 2016 – September 30, 2017.

<sup>•</sup> Totals include 21(d) and 23(g) On-Site Consultation Project data.

## **OSHA Consultation Programs**



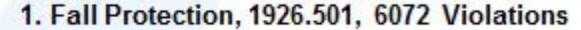
### **New York: NYS Department of Labor/OSHA**

- Syracuse, (315-479-3350), Keith Gillette, Gillette.Keith@labor.ny.gov
- ➤ Buffalo & Rochester, (716-847-7166), Greg Mazikowski, gregory.mazikowski@labor.ny.gov
- ➤ Albany & Utica, (518-457-2810), Bob Francis, Francis.Bob@labor.ny.gov
- >www.labor.state.ny.us/workerprotection/safetyhealth/DO SH\_ONSITE\_Consultation.shtm
  OSHA®

## OSHA We Can Help

# Top Ten Violations

Most frequently cited OSHA standards during FY 2017 inspections



- 2. Hazard Communication, 1910.1200, 4,176
- 3. Scaffolding , 1926.451, 3,288
- 4. Respiratory Protection, 1910.134, 3,097
- Lockout/Tagout, 1910.147, 2,877
- 6. Ladders, 1926.1053, 2,241
- 7. Powered Industrial Trucks, 1910.178, 2,162
- 8. Machine Guarding, 1910.212, 1,933
- 9. Fall Protection Training, 1926.503, 1,523
- 10. Electrical Wiring Methods, 1910.305, 1,405























# CONSTRUCTION INDUSTRY Top Ten Violations in Construction FY 2017

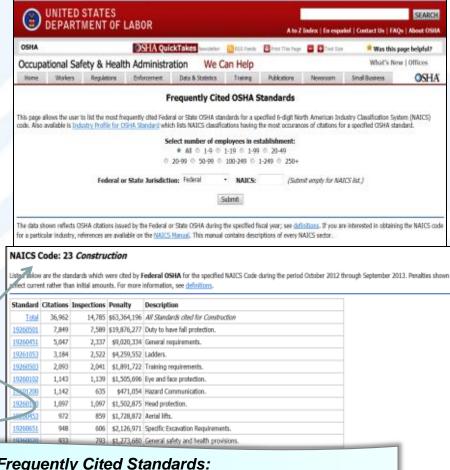
- 1. Fall Protection General Requirements (1926.501)
- 2. Scaffolding (1926.451)
- 3. Ladders (1926.1053)
- 4. Fall Protection Training (1926.503)
- 5. Eye and Face Protection (1926.102)
- 6. Hazard Communication (1910.1200)
- 7. Head Protection (1926.100)
- 8. Aerial Lifts (1926.453)
- 9. General Safety and Health Provisions (1926.20)
- 10. Fall Protection Systems Criteria and Practices (1926.502)

## **Most Frequently Cited OSHA Standards**

OSHA's website provides information regarding the most frequently cited standards

Click: <u>Frequently Cited OSHA Standards</u> to view current data

- "Select number of employees in establishment," select ALL or one of the options listed
- "Federal or State Jurisdiction," select Federal or, from the dropdown menu, a specific state
- "NAICS," enter ALL for all Industry groups, or enter a valid 2 to 6 digit code for a specific Industry from the NAICS Manual
- Shown are search results for: All sizes of establishments, in Federal jurisdiction, with a Construction NAICS code of "23"



Common Most Frequently Cited Standards:

Fall Protection; Hazard Communication; Scaffolding; Respiratory Protection: Electrical: Powered Industrial Trucks: Ladders

## **OSHA** *QuickTakes*



- Free OSHA e-newsletter delivered twice monthly to more than 195,000 subscribers
- Latest news about OSHA initiatives and products to help employers and workers find and prevent workplace hazards
- Sign up at www.osha.gov





# OSHA's on Twitter @OSHA\_DOL



### Learn about:

- Coming events
- Resources
- Regulations















### Occupational Safety & Health Administration

We Can Help

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Workers

Regulations

Enforcement

Data & Statistics

Training

Publications

Newsroom

Small Business

### **O**SHA'

#### Highlights



Workers receive hands-on training in the recognition, avoidance, and prevention of construction safety hazards on the jobsite.

### OSHA Training Courses, Materials, and Resources

OSHA offers a wide selection of training courses and educational programs to help broaden worker and employer knowledge on the recognition, avoidance, and prevention of safety and health hazards in their workplaces. OSHA also offers training and educational materials that help businesses train their wakers and comply with the Occupational Safety and Health Act.

This page references training courses, educational programs, and training materia resources that are administered by the OSHA Directorate of Training and Education.

#### In Focus

- OSHA announces new Outreach Training Program Requirements [PDF\*]
- US Department of Labor's OSHA announces selection of OSHA Training Institute Education
- New searchable schedule for OTI Education Center courses

#### Quick Links

- Introduction to OSHA Materials
- OSHA Training Requirements
- How to Find Outreach Training
- How to Obtain Replacement Outreach Training Program Cards
- HAZWOPER FAQs

#### Worker Training

the OTI Education Center Program, OSHA

offers a broad selection of occupational

safety and health classes designed for

10-Hour & 30-Hour Worker Classes

Short Courses and Seminars

Multi-day Training Classes by Topic

workers and employers.

### **Grants**

Through the Outreach Training Program and Under the Susan Harwood Training Grant Program, OSHA awards grants to nonprofit organizations to develop training and educational programs and/or deliver training and education to workers and employers.

- Susan Harwood Training Grants
- Applying for a Grant
- Grant Requirements
- Award Announcements

#### **OSHA Training Institute**

OTI is an internal training unit which provides Access training materials designed occupational health and safety compliance training for federal and state compliance officers and other federal agency personnel. A limited number of private sector workers and employers may register for OTI courses on a tuition basis as space is available.

- OSHA Training Institute (OTI)
- How to Register for OTI Courses

#### Training Mate and Resources Gat

workers and employers recognize safe and health hazards in the workplace.

- Safety and Health Training Resources
- OSHA Compliance Guidance on Training
- Training FAQs

#### **Program Information**

- Susan Harwood Training Grants
- OSHA Outreach Training Program OSHA Training Institute (OTI)
- OTI Education Centers
- Resource Center Loan Program
- Directorate of Training and Education





# Atlantic OSHA Training Center (Consortium) SUNY Buffalo Toxicology Research Center Buffalo, NY (716) 829-2125

www.smbs.buffalo.edu/CENTERS/trc/

Toxicology Research Center

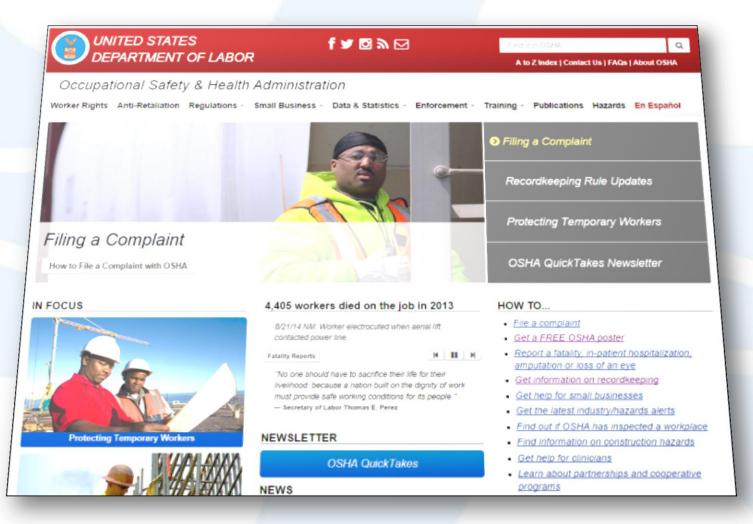
### **RIT OSHA Education Center**

Rochester Institute of Technology Rochester, NY (866) 385-7470 ext. 2919

www.rit.edu/osha



## Visit our improved homepage: OSHA.gov





## Multi-language Worker Outreach







# **SHA**®

Working Together, We Can Help

www.osha.gov

800-321-OSHA (6742)

**Ronald Williams** 

(315) 451-0808 ext. 3002

williams.ronald@dol.gov

