

2019 JE DUNN Construction
Kansas City, MO

OSHA Update Construction

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Occupational Safety and Health Administration (OSHA)



Secretary of Labor: Eugene Scalia



OSHA's Continuing Mission

- OSHA and its state partners, coupled with efforts of employers, safety & health professionals, unions and advocates, have helped **dramatically reduce** workplace injuries and illnesses.
- Worker fatalities in America are **down**—on average, from 38 workers a day in 1970 to **14** a day in **2017**.
- Worker injuries and illnesses are **down**—from 10.9 incidents per 100 workers in 1972 to **2.8** per 100 in **2017**.

OSHA's Balanced Approach



- **Compliance Assistance**
- **Enforcement**

Employer Responsibilities

- Provide a workplace **free from serious recognized hazards**.
- Train workers in a **language and vocabulary they can understand**.
- **Comply** with standards, rules and regulations issued under the OSH Act.



Worker Rights & Responsibilities

Employees have the right to:

- Report **unsafe conditions and injuries** to management or OSHA
- Assist an **OSHA investigation**
- Request **Training**
- Request & Use Personal Protective Equipment (**PPE**)



[osha.gov/workers](https://www.osha.gov/workers)



Occupational Safety and Health Administration

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THE WHISTLEBLOWER Protection Programs



File a COMPLAINT

File a complaint if your employer has retaliated against you for exercising your [rights as an employee](#). In states with approved State OSHA Plans, employees may file a complaint under the OSH Act with both the [State](#) and [Federal OSHA](#). Under the other federal laws, a complaint must be filed with Federal OSHA directly. You may file a complaint by calling 1-800-321-OSHA (6742), [contacting your local OSHA office](#) or [filing online here](#).

[Learn More](#) →

[Whistleblowers.gov](https://www.whistleblowers.gov)

Know Your RIGHTS

OSHA's whistleblower statutes protect you from retaliation. An employer cannot retaliate by taking "adverse action" against workers who report injuries, safety concerns, or other protected activity.

[Learn More](#) →

Worker PROTECTIONS

Since passage of the OSH Act in 1970, Congress has expanded OSHA's whistleblower authority to protect workers from retaliation under twenty-two federal laws. Complaints must be reported to OSHA within set timeframes following the retaliatory action, as prescribed by each law.

[Learn More](#) →

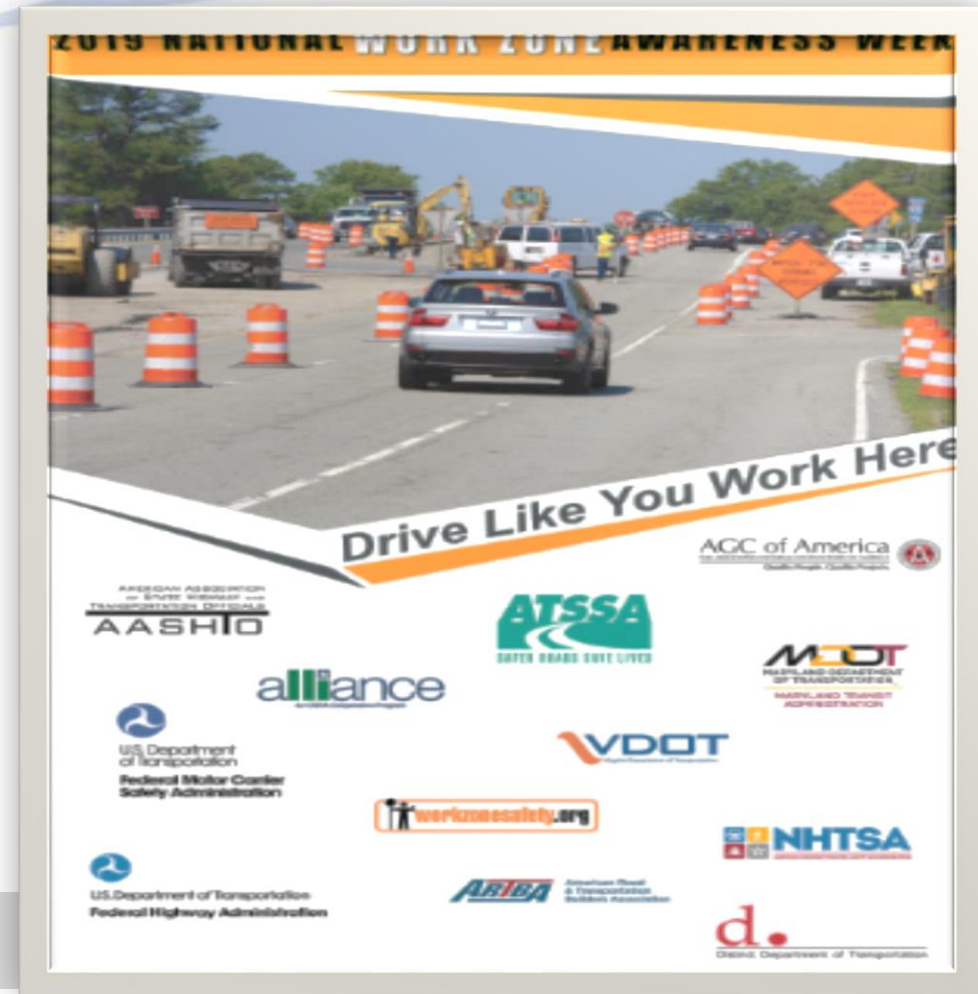
2019 OSHA's Campaigns

Work Zone Awareness Week

(April 20-24, 2020)

- Annual spring campaign held at the start of construction season to encourage safe driving through highway work zones
- OSHA's Roadway Work Zone Alliance supports the week and developed this poster.

www.nwzaw.org



National Safety Stand-Down to Prevent Falls in Construction (May 4-8, 2020)

- OSHA's **Seventh Annual** Stand-Down to Prevent Falls in Construction
- Open to any organization in any industry



OSHA Trenching Stand Down

June, 2020





OSHA Trenching Initiative

- **Increase** awareness of excavation hazards in construction
- **Educate** employers and workers on safe cave-in hazards and prevention solutions
- **Decrease** the number of trench collapses

Nationwide Trenching Fatalities

Years	2011	2012	2013	2014	2015	2016
Trench Fatalities in all Industries	21	17	22	13	25	37
Trench Fatalities in Construction	13	13	17	10	17	36

Trenching Resources



PROTECT WORKERS IN TRENCHES

Prevent trench
collapses and
save lives:

SLOPE or bench
trench walls,

SHORE trench walls
with supports, or

SHIELD trench
walls with trench boxes



WWW.OSHA.GOV/TRENCHING • 800-321-OSHA (6742) • TTY 877-889-5627

Trench Safety Stand-Down

June, 2020



www.nuca.com/tssd



Heat Illness Prevention



WATER. REST. SHADE.

OSHA's Campaign to Keep Workers Safe in the Heat

- Heat illness **sickens** thousands and results in the **deaths** of dozens of workers each year
- Campaign educates employers and workers on danger of working in heat
- Resources include **OSHA-NIOSH heat safety app**
- Informal launch is **May 22, 2020** (“Don’t Fry Day” – Friday before Memorial Day)

Safe + Sound Campaign

- **Goal: Every workplace should have a safety and health program** that includes management leadership, worker participation, and a systematic approach to finding and fixing hazards.
- Good for workers and businesses' **bottom line**
- Targets **small and medium**-sized businesses
- National Safe + Sound Week: **August 2020**

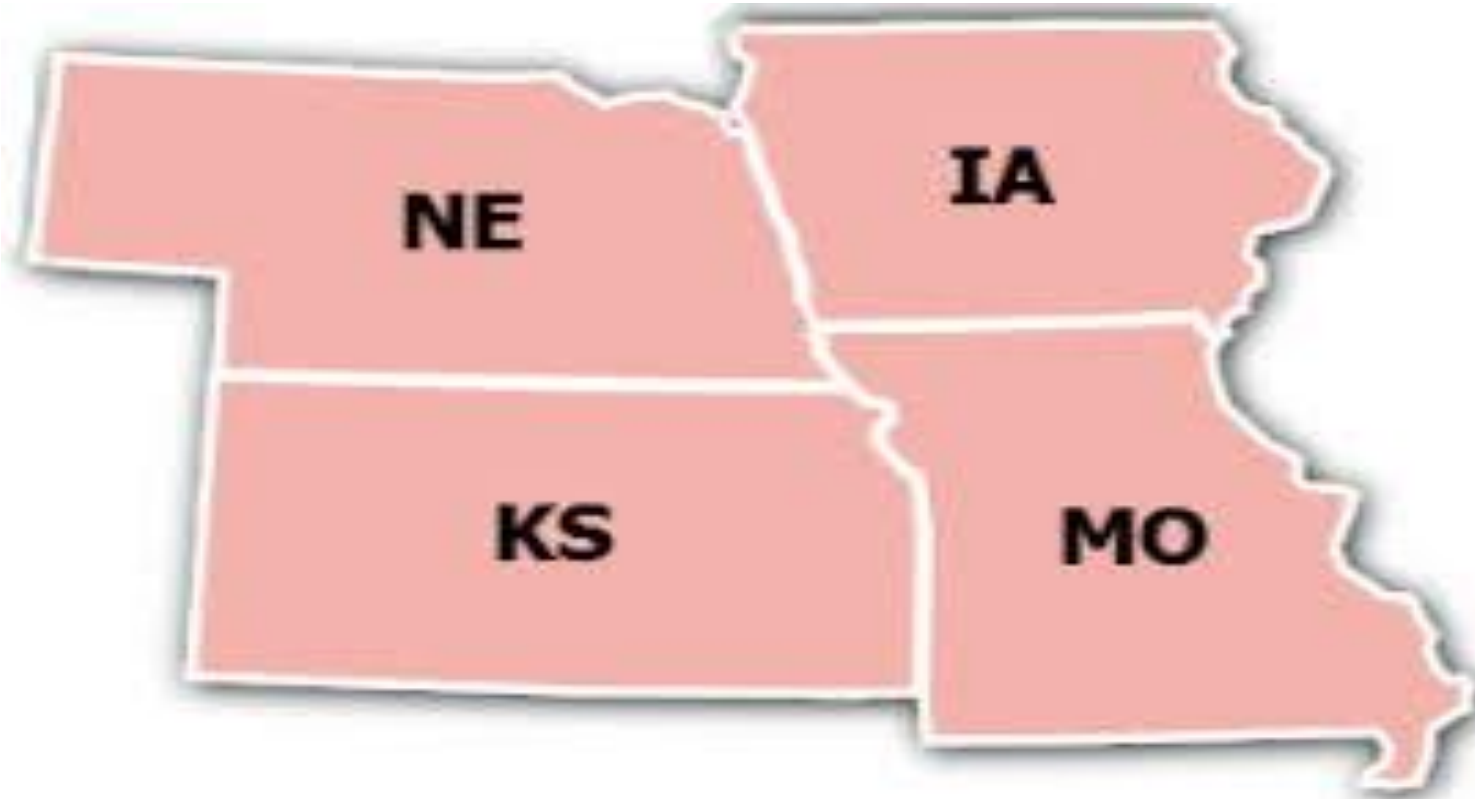


Management Commitment and Employee Participation

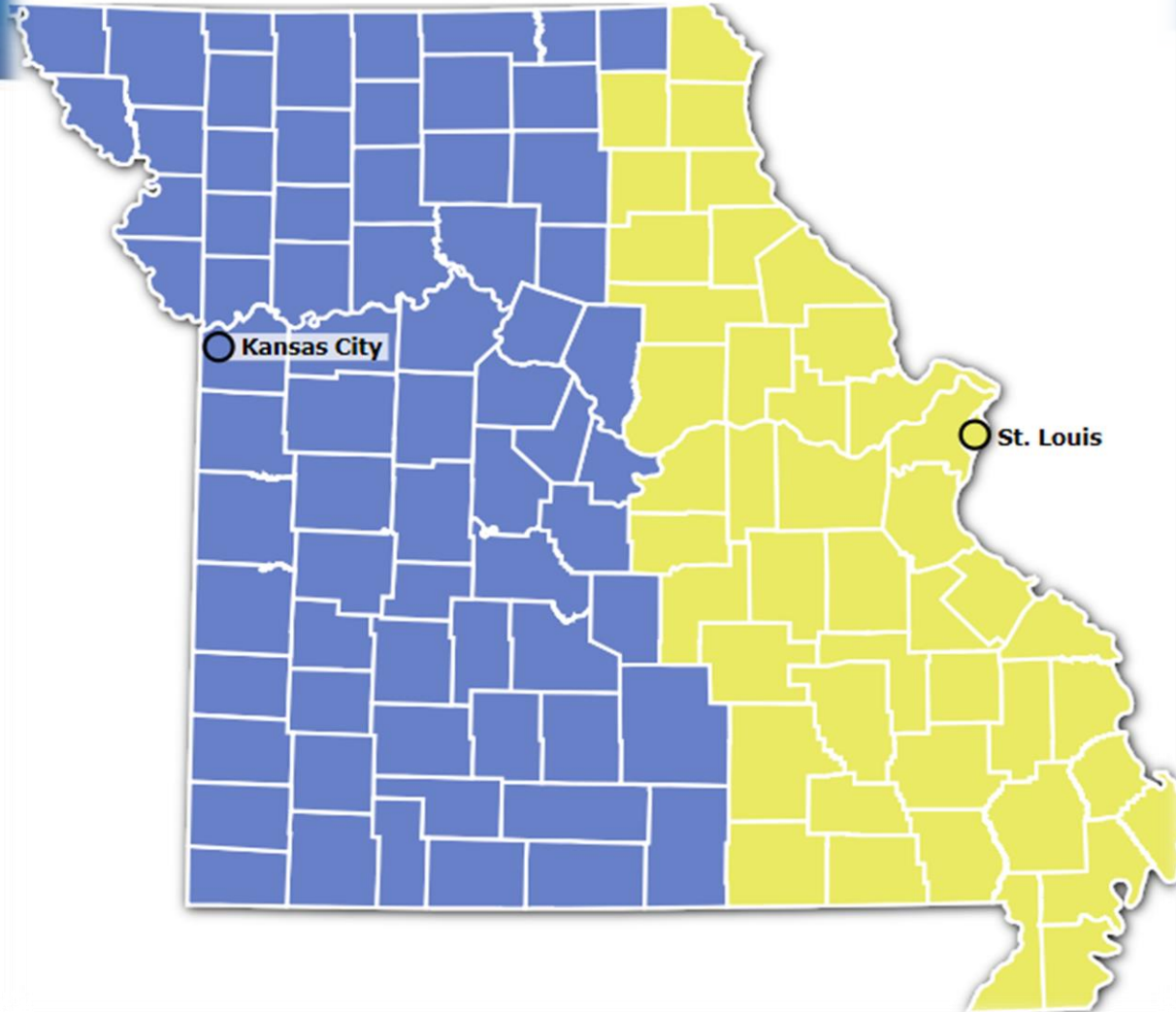
- Management commitment and employee participation are complementary and essential elements of an **effective, reliable and robust** safety and health management system in your workplace.



OSHA Region 7



KCAO Jurisdiction



OSHA –Area Office Functions

- Enforcement
- Compliance Assistance



Top 10 Violations

OSHA's 2018 Top 10 Most Frequently Cited Violations



Most frequently cited OSHA standards during FY 2018 inspections

1. Fall Protection – General Requirements (1926.501)
2. Hazard Communication (1910.1200)
3. Scaffolding (1926.451)
4. Respiratory Protection (1910.134)
5. Lockout/Tagout (1910.147)
6. Ladders (1926.1053)
7. Powered Industrial Trucks (1910.178)
8. Fall Protection – Training Requirements (1926.503)
9. Machine Guarding (1910.212)
10. Eye and Face Protection (1926.102)

KCAO FREQUENTLY CITED VIOLATIONS

FY 2018

- 1) EYE & FACE PROTECTION - 1926.102
- 2) RESIDENTIAL FALL PROTECTION-
1926.501(b)(13)
- 3) LADDERS - 1926.1053(b)(1)
- 4) FALL PROTECTION UNPROTECTED
SIDES/EDGES
1926.501(b)(1)
- 5) HAZARD COMMUNICATION-
1910.1200(e)(1)
- 6) HEAD PROTECTION - 1926.100(a)
- 7) FALL PROTECTION-AERIAL LIFTS
1926.(b)(2) (v)
- 8) FALL PROTECTION TRAINING 1926.503
- 9) FALL PROTECTION STEEP ROOFS
1926.501(b)(11)
- 10) MACHINE GUARDING 1910.212

Top 10 Violations in Construction Nationwide



Most frequently cited OSHA standards during FY 2018 inspections

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. General Safety and Health Provisions (1926.20)
7. Head Protection (1926.100)
8. Aerial Lifts (1926.453)
9. Hazard Communication (1910.1200)
10. Fall Protection – Systems Criteria and Practices (1926.502)

Top 10 Violations in Construction

KCAO - FY 19



CONSTRUCTION INDUSTRY

Most frequently cited OSHA standards

1. Eye and Face Protection -1926.102(a)(1)
2. Fall Protection – General Requirements-1926.501 (b) (10, & 13)
3. Ladders -1926.1053(b)(1)
4. Hazard Communication -1910.1200 (e)(1)
5. Aerial Lifts-1926.453 (b)(2)(V)
6. Abatement Certifications - 1904.19 (c)(1)
7. Requirements for Protective systems-1926.652(a)(1)-Excavation protection
8. Roofing work on low-slope roofs -1926.501 (b)(10)
9. Fall Training Requirements- 1926.503(a)(1)
10. Employer Training on hazards recognition - 1926.21(b)(2)

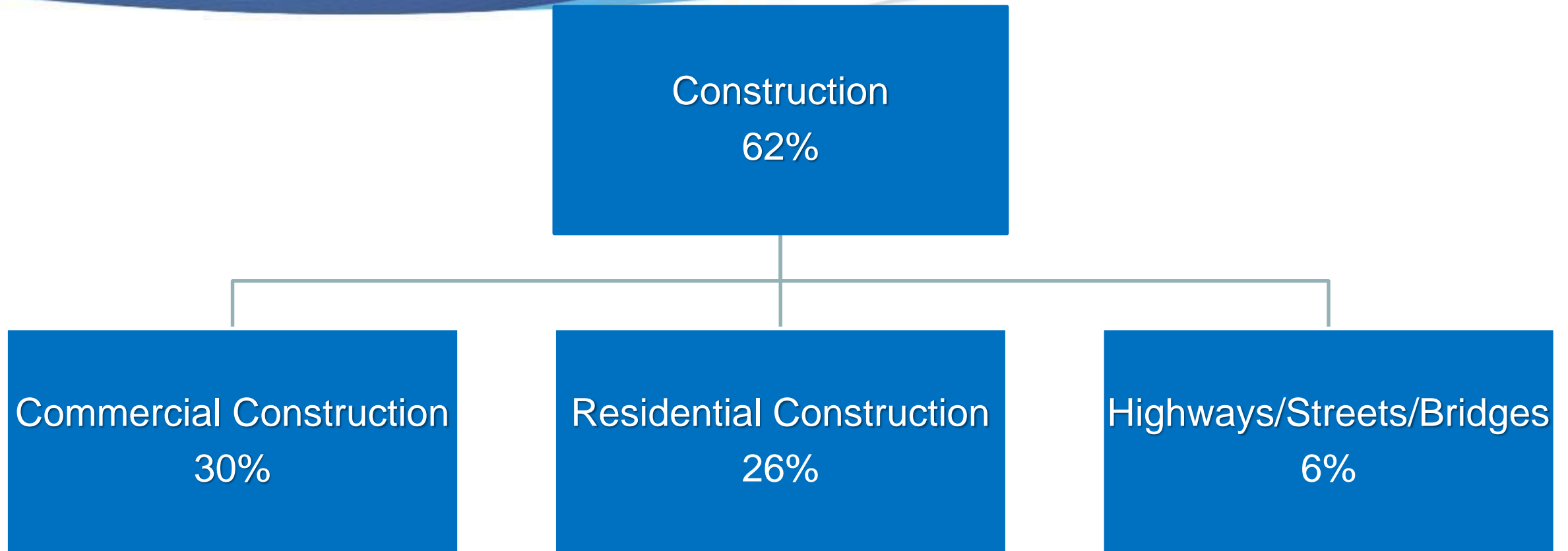
KCAO BY THE NUMBERS.....

Agency Priority Goal Fiscal Year 2019

Construction
62%

- Falls- 58%
- Trench- 4%

FY 19- Construction Inspections



KCAO TRENCH INSPECTIONS

- FY'17 (13 INSPECTIONS)
- FY'18 (17 INSPECTIONS)
- FY'19 (22 INSPECTIONS)

KCAO FALL INSPECTIONS

- FY'17 (298 INSPECTIONS)
- FY'18 (317 INSPECTIONS)
- FY'19 (296 INSPECTIONS)

WORKER FATALITIES



KCAO FATALITIES FY 2019

Types	Construction	General Industry
Electrocutions	1	1
Heat	1	2
Struck by	0	3
Workplace Violence	0	1
Falls	3	0
Suicides**	2	0

NEW: Suicide Prevention in Construction

Construction Industry / Preventing Suicides

Preventing Suicides

Get help now.

If you're having trouble coping with work-related stress, talk with someone who can help.

- Call 1-800-273-8255
- Para español 1-888-628-9454
- Online chat suicidepreventionlifeline.org/chat



Reporting Fatalities and Severe Injuries

- 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**.



Prevention... Is the KEY to

- **Saves lives**
- **Prevents incidents, injuries and illnesses**
- **Saves money- Worker's compensation Claims, and legal cost.**



Updates for Construction and Shipyard industries

- Beryllium
 - Silica

Beryllium



Health Effects



Exposure Evaluation and Controls



OSHA Standards and Enforcement



General Resources



Overview

Visit OSHA's [Beryllium Rulemaking](#) page for information on the final rule and related rulemaking.

The element beryllium is a grey metal that is stronger than steel and lighter than aluminum. Its physical properties of great strength-to-weight, high melting point, excellent thermal stability and conductivity, reflectivity, and transparency to X-rays make it an essential material in the aerospace, telecommunications, information technology, defense, medical, and nuclear industries. Beryllium is classified as a strategic and critical material by the U.S. Department of Defense. In 2014, the U.S. produced 270 metric tons of beryllium domestically and imported 68 metric tons, increases from 2013 of 15% and 19%.

Highlights

- [Protecting Workers' from Exposure to Beryllium and Beryllium Compounds: Final Rule](#)

Silica Update

Occupational Safety and Health Administration

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[Safety and Health Topics](#) / [Silica, Crystalline](#)

Silica, Crystalline



OSHA is requesting information and comment on Table 1 of the agency's Silica Standard for Construction. [View OSHA's Request for Information.](#)

OSHA wants you to return home to your families: Alive & Well



Occupational
Safety and Health
Administration

ANY QUESTIONS????



CONTACT INFORMATION

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Sources of Assistance

- OSHA Consultation Program
- OSHA Internet Site (osha.gov)
- NIOSH (<https://www.cdc.gov/niosh/>)
- Public Safety Officials
- Union and Trade Associations
- Insurance Providers
- Human Resources and Employee Assistance Professionals



www.osha.gov

800-321-OSHA (6742)