



Mission Success Starts With Safety

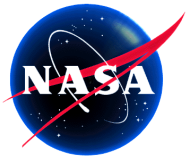


SSC Monthly Construction Contractor Meeting

Safety Presentation

Fall Protection

Mar 02, 2023



NASA SSC Fall Protection



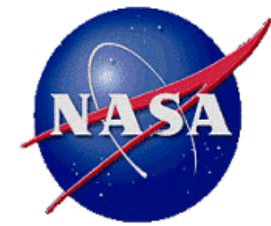
Stennis Space Center

The number one (1) OSHA standard violation cited in 2022 was Fall Protection. Fall protection has remained the top OSHA standard violation for 12 years in a row.


Falls are the number one (1) cause of work-related deaths in construction workers and as many as five construction workers a week are killed in falls.

NASA SSC has included Fall Protection as one of its three (3) Safety and Health Goals for 2023 to help increase employee awareness of fall protection and slip/trip/fall hazards.





Falls in Construction



Nearly
1 in 4
FATAL FALLS
in construction involve
LADDERS

[OSHA.gov/stopfalls](https://www.osha.gov/stopfalls)


BLS data 2015

FALLS
account for
37%
of **deaths** in
construction



[OSHA.gov/stopfalls](https://www.osha.gov/stopfalls)

BLS data 2015



Over **1 in 3**
FATAL FALLS
in construction
happen from
15 ft^{or less}

[OSHA.gov/stopfalls](https://www.osha.gov/stopfalls)

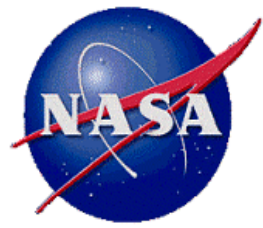
BLS data 2015



Employees
45-54
years old
are the most likely to
die from a **fall** while
working in construction

[OSHA.gov/stopfalls](https://www.osha.gov/stopfalls)

BLS data 2015



Falls in Construction

Wear a harness and always stay connected

Make sure your harness fits

Use guardrails or lifelines

Inspect all fall protection equipment before

use

Guard or cover all holes, openings, and

skylights



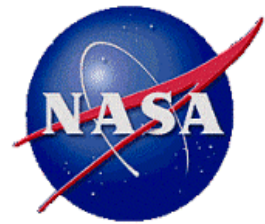
*DON'T
disconnect from the lifeline*



*DON'T
use defective equipment*



*DON'T
work around unprotected openings or skylights*



Falls from Ladders

Falls from ladders can be prevented:

- Choose the right ladder for the job
- Maintain three points of contact
- Secure the ladder
- Always face the ladder
- Guard or cover all holes, openings,
skylights



DON'T
stand on top or on the top step of a stepladder



DON'T
overreach

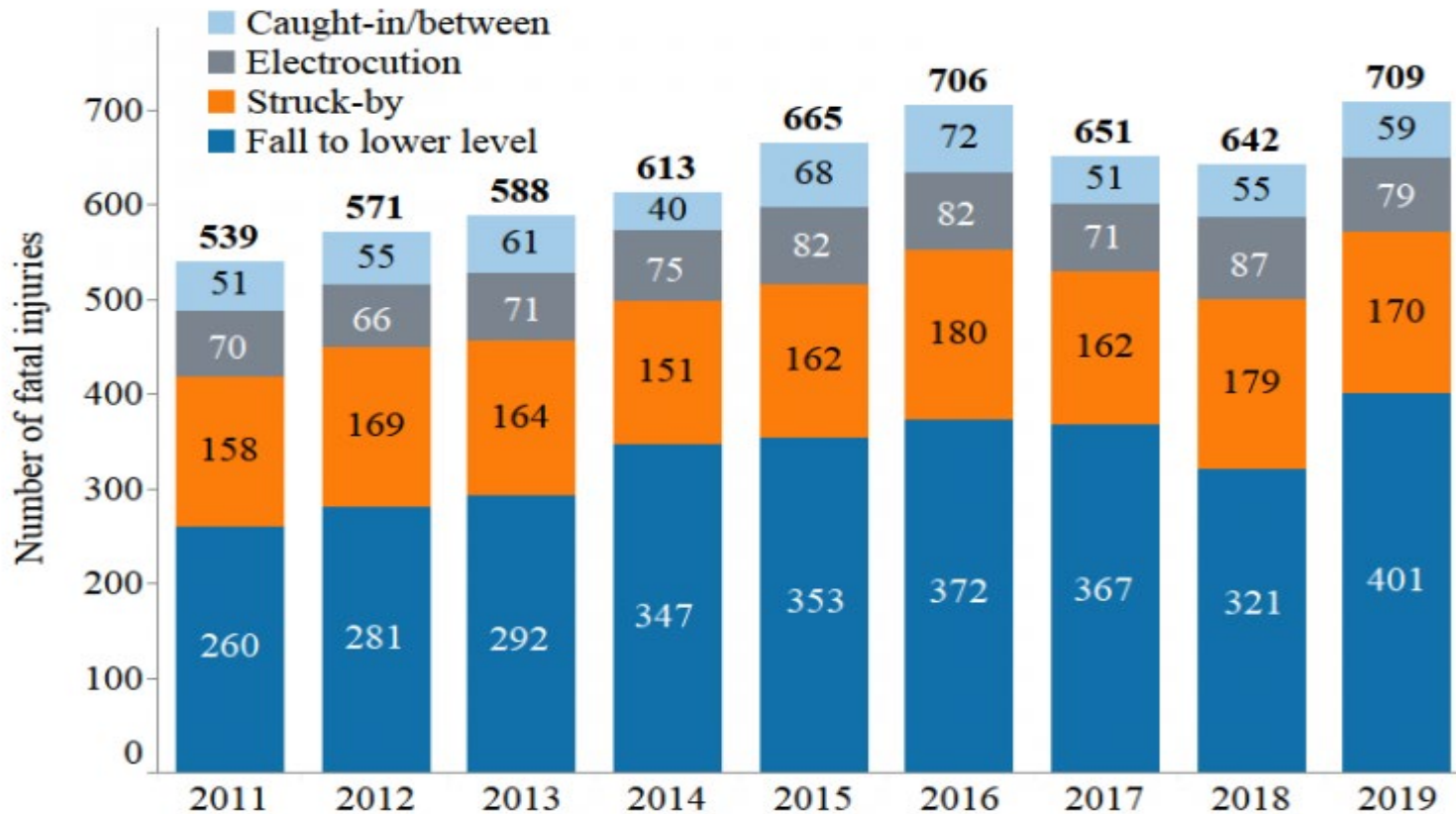


DON'T
place the ladder on unlevel footing



Safety Topic

4. Number of fatal injuries caused by Construction Focus Four, 2011-2019



Source: U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries.