
SAFETY SUMMIT 2023

AGENDA

Welcome

Opening Remarks

Safety Perspective

Safety Data

Office of Environmental & Hazmat Services

New Regulations – NYC DOB

Safety Defined

Q&A





WHAT DOES
SAFETY
MEAN TO
YOU?

DDC Project Staff Perspective





Project Staff Responses

- Candid interview of Public Buildings and Infrastructure project staff
- Consensus on definition of safety was “means in place to avoid injury and accidents while maintaining project on schedule”

DDC Project Staff Safety Expectations



Who is Responsible for Safety

- Project manager, Competent Person, Inspector, Resident Engineer
- Shared responsibility
- Ultimately it is everyone's responsibility



Project Staff Role and Safety

- Hazard recognition
- Mitigation
- Communication
- Enforcement
- See something say something



What Works, What Can Be Done Differently

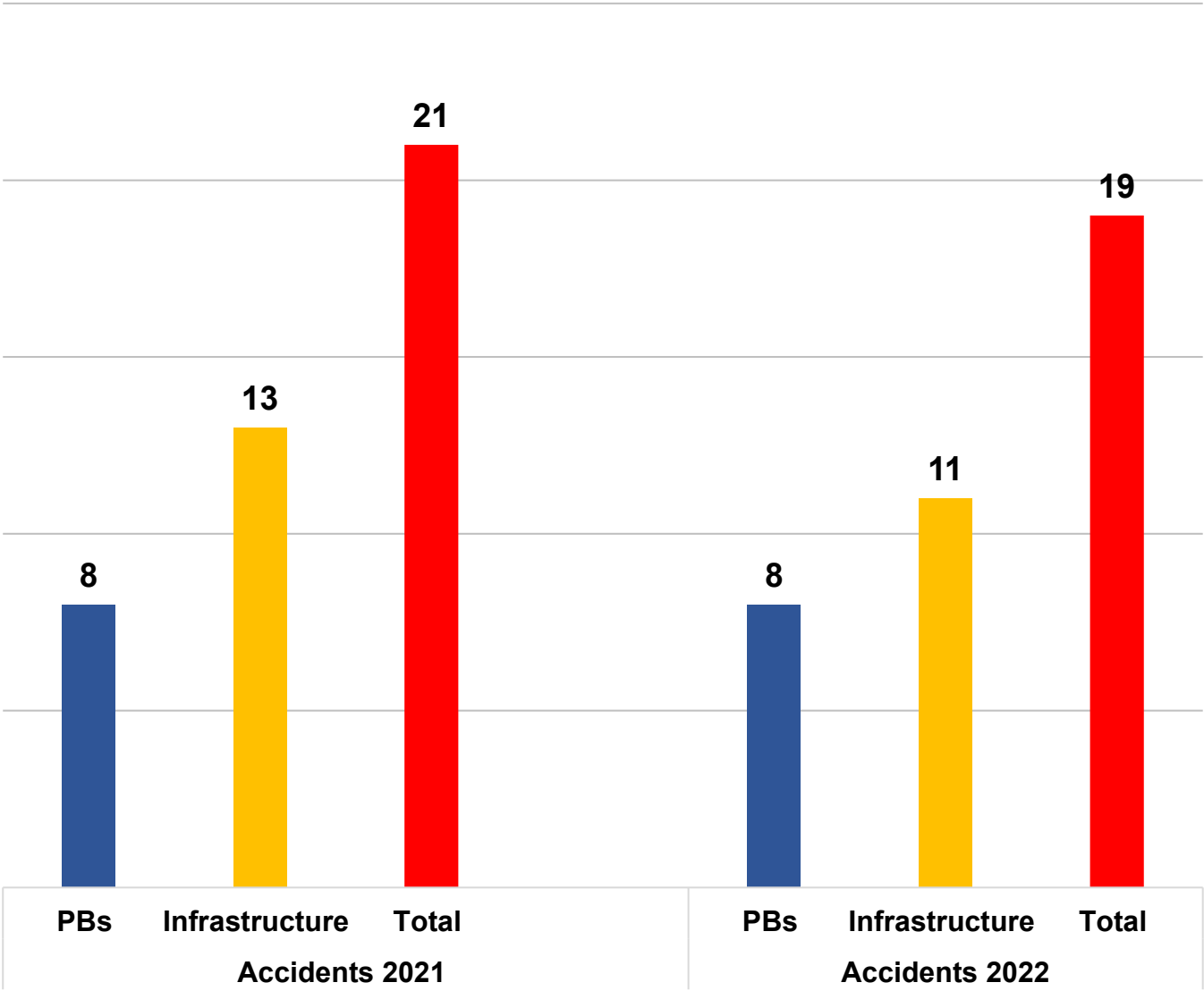
- Construction Safety and Quality Assurance field audits
- Daily job briefings/Safety meetings
- Training for DDC junior staff on safety
- Refresher training
- More OCS Safety Awareness workshops



Safety Performance Data

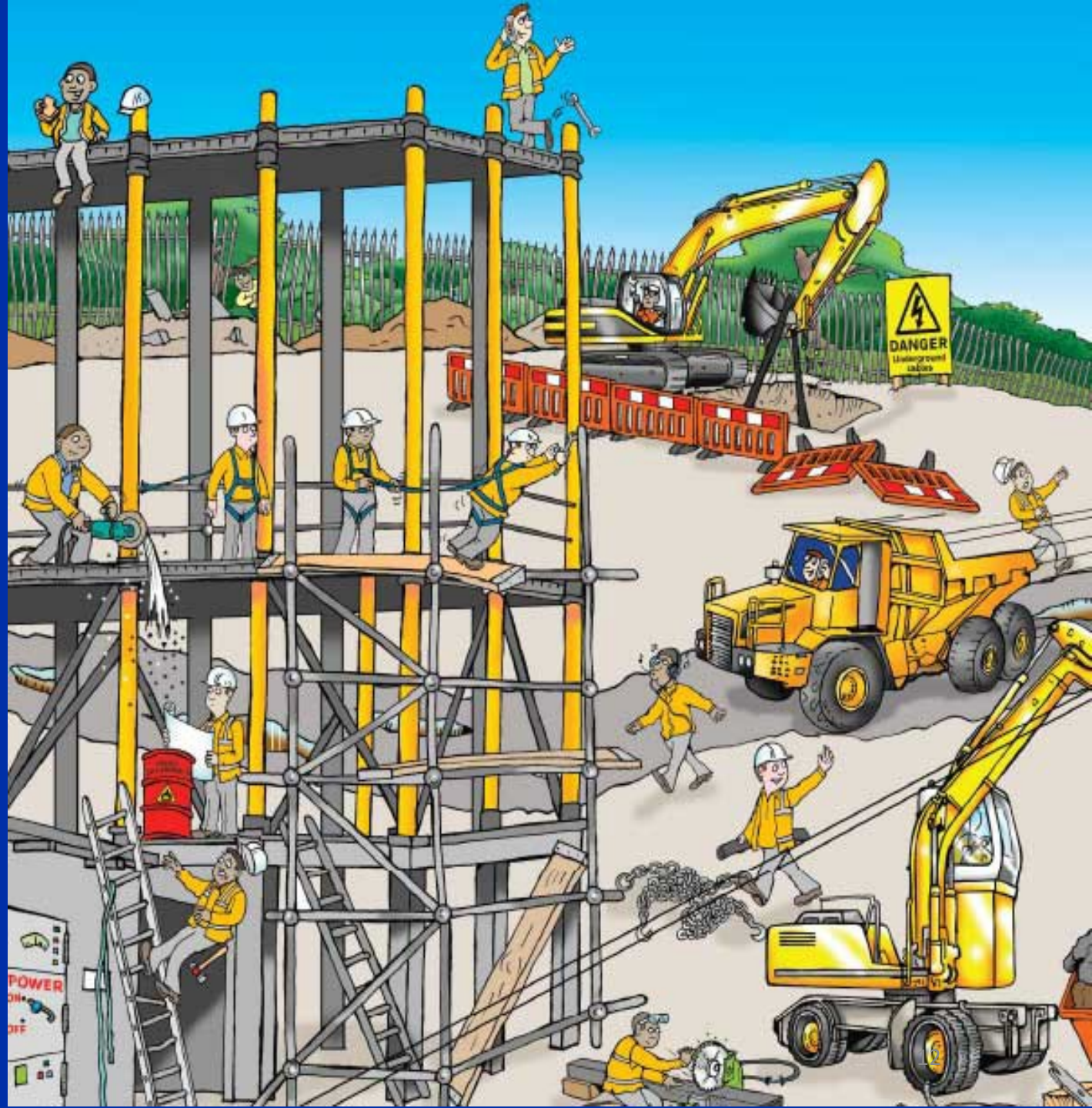


Construction Accidents DDC Projects 2021 vs 2022 Calendar Years

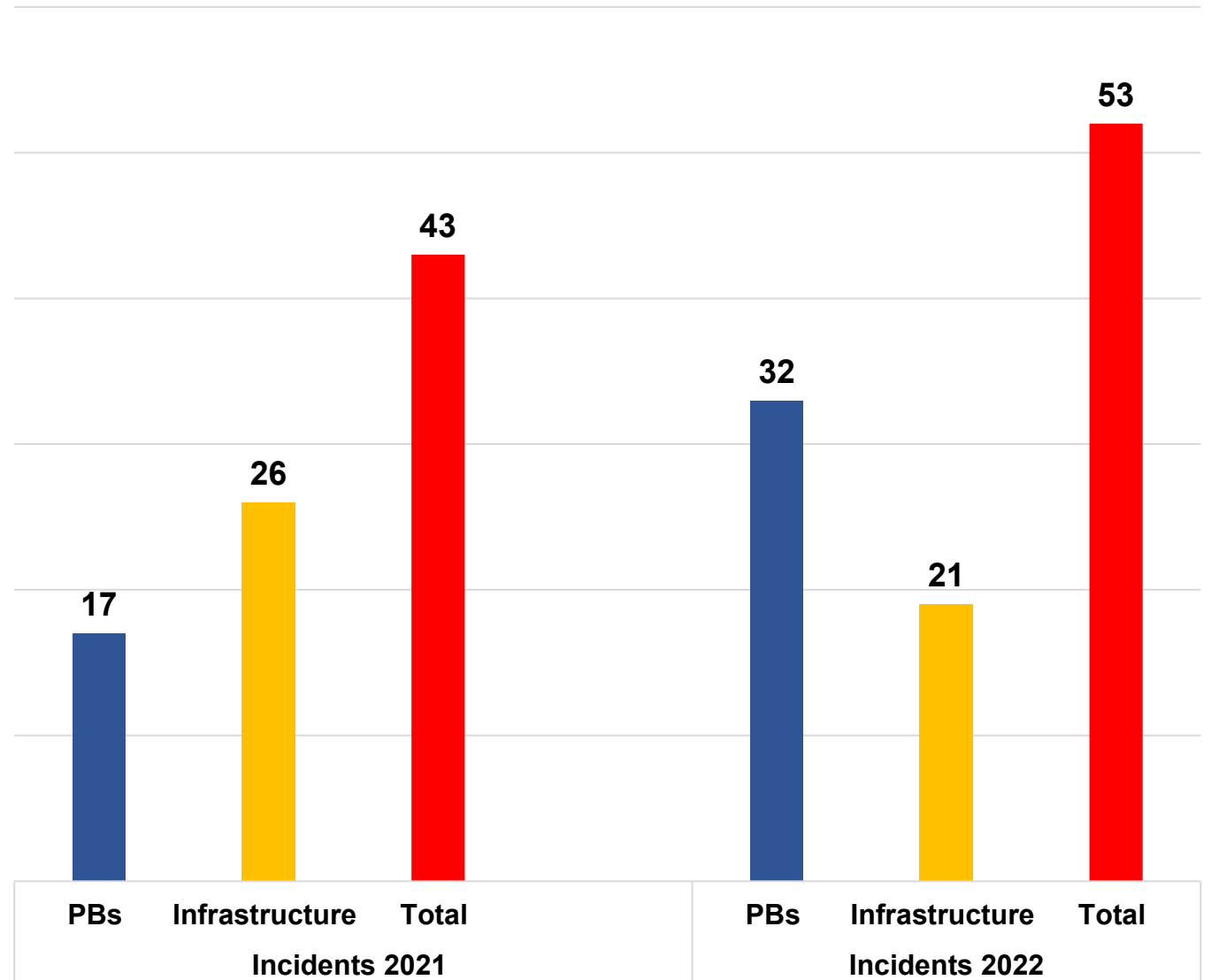


Top Accident Categories DDC Projects

- Struck-by - 6 total - four fractures and two lacerations
- Caught-in-between – 5 total - four lacerations and one fracture
- Tools & equipment - 4 all resulting in lacerations, mostly utility knives and a demo saw



Incidents (Minor Injuries) DDC Projects 2021 vs 2022 Calendar Years



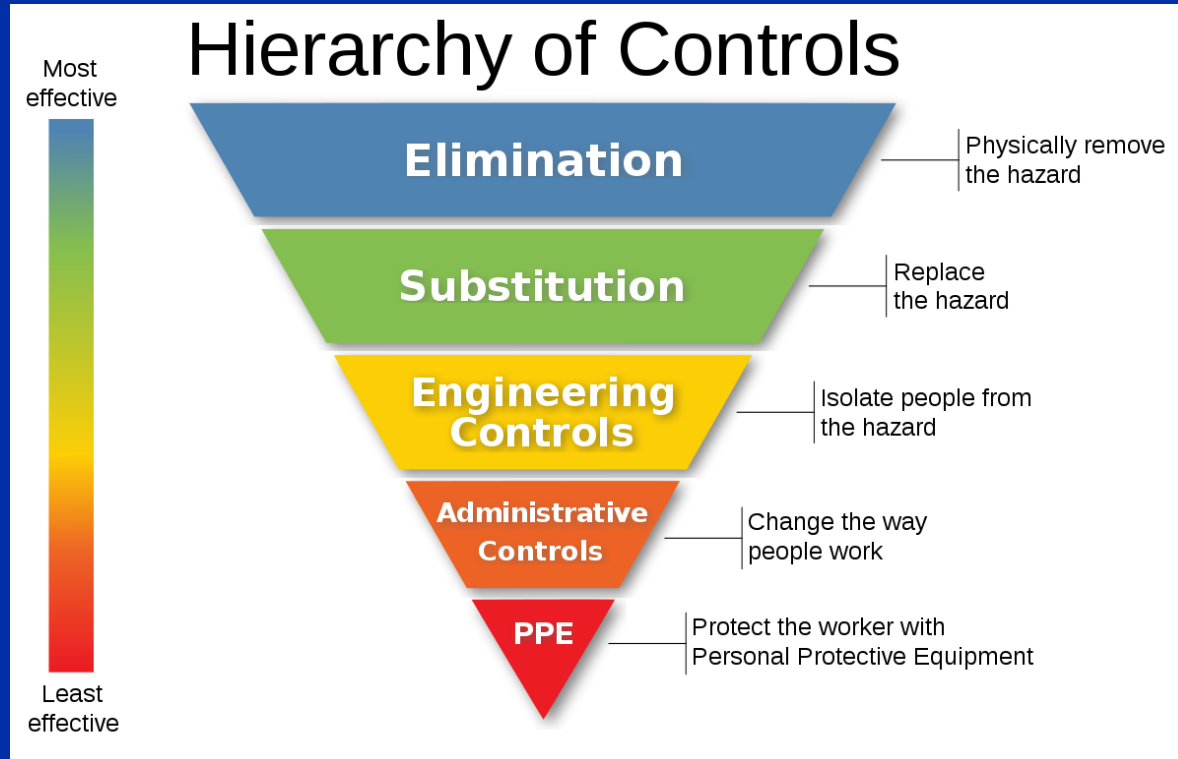
Top Incident Categories DDC Projects

All the incidents resulted in a minor injury requiring first aid.

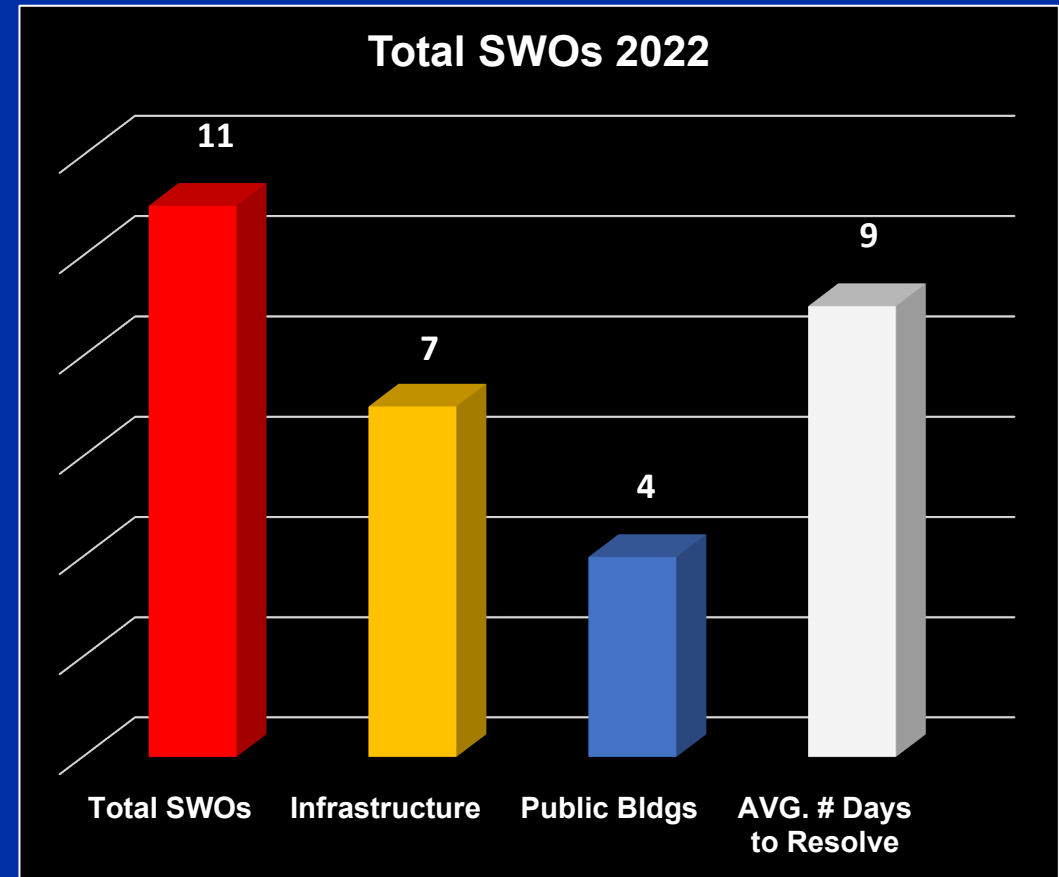
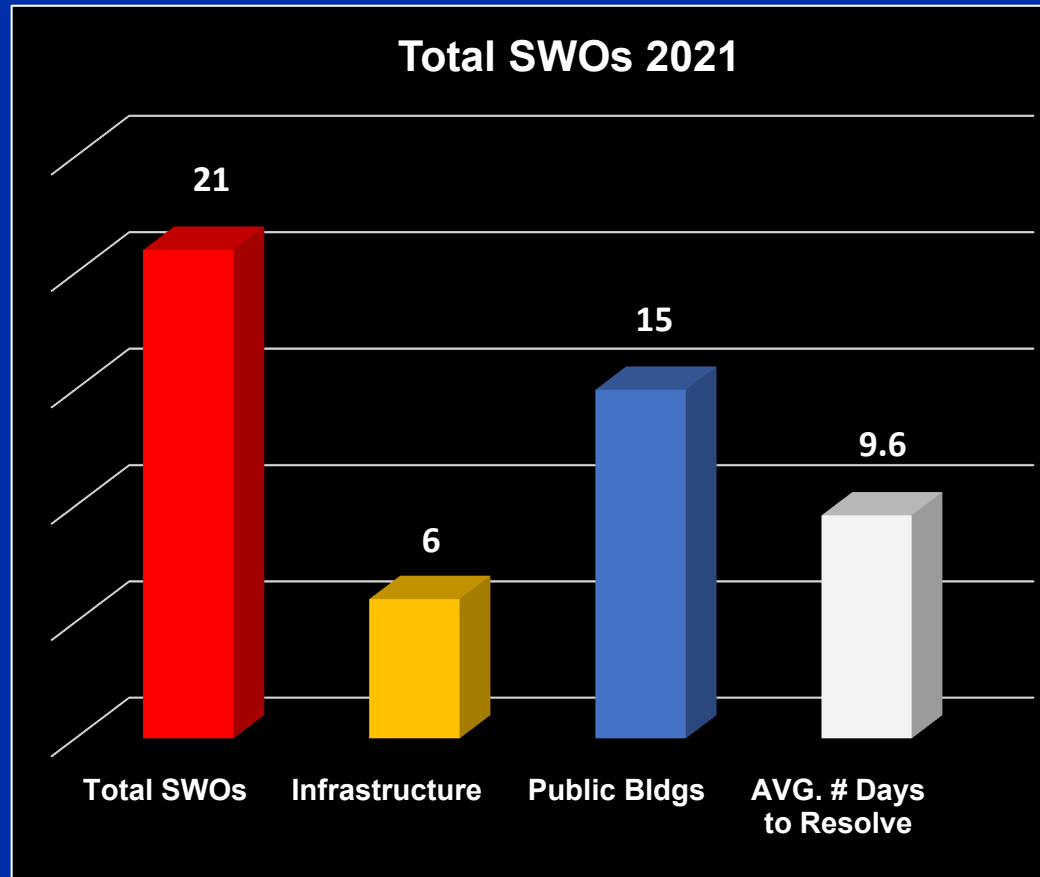
- Trips & fall - 18
- Struck-by - 13
- Strains - 6
- Burns - 5



Addressing the Hazards

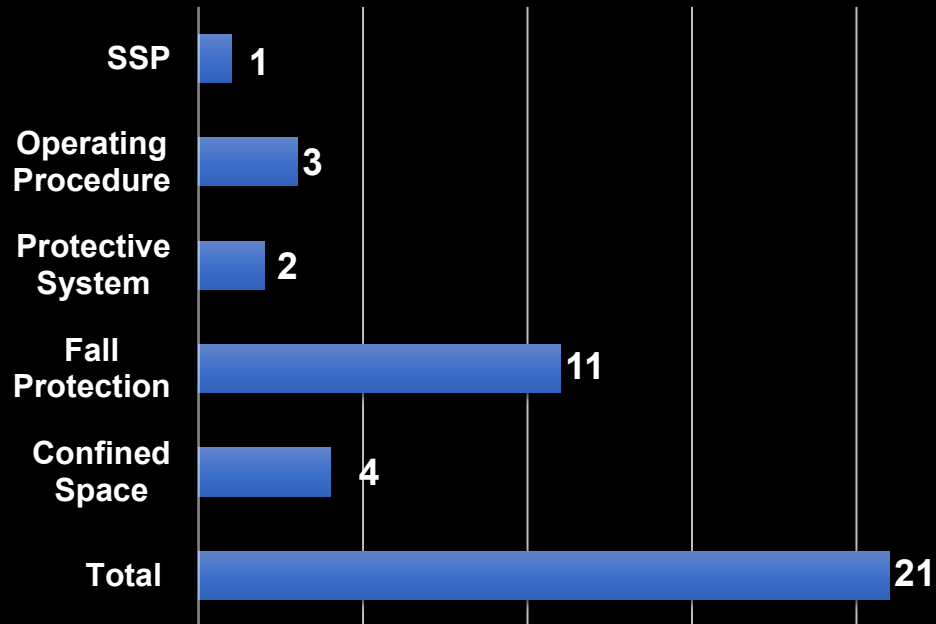


Partial Stop Work Orders (SWO) Issued 2021 vs 2022

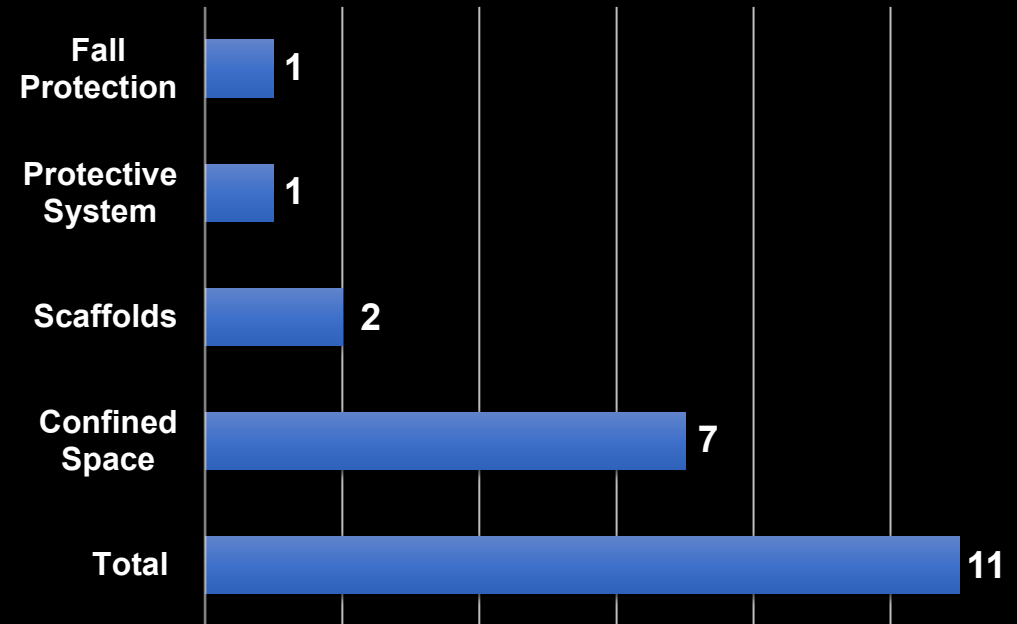


SWOs by CATEGORY - 2021 vs 2022

2021 SWOs by Category



2022 SWOs by Category



Confined Spaces

- Large enough and so configured that an employee can bodily enter it
- Has limited or restricted means for entry and exit
- Is not designed for continuous employee occupancy
- May contain life threatening physical or hazardous atmosphere, including toxic substances, electrocutions, explosions, and asphyxiation – making it a “Permit Required” confined space
- Reference OSHA 29 CFR 1926 Subpart AA – Confined Spaces in Construction



Examples of Confined Spaces

- Manholes (sewer, storm drain, electrical, communication and other utility subsurface structures)
- Pits (elevator, escalator pump, valve pits, etc.)
- Water and sewer mains
- HVAC ducts
- Manhole units (precast concrete and other pre-formed structures)
- Attics, crawl spaces, basements (before steps are installed)



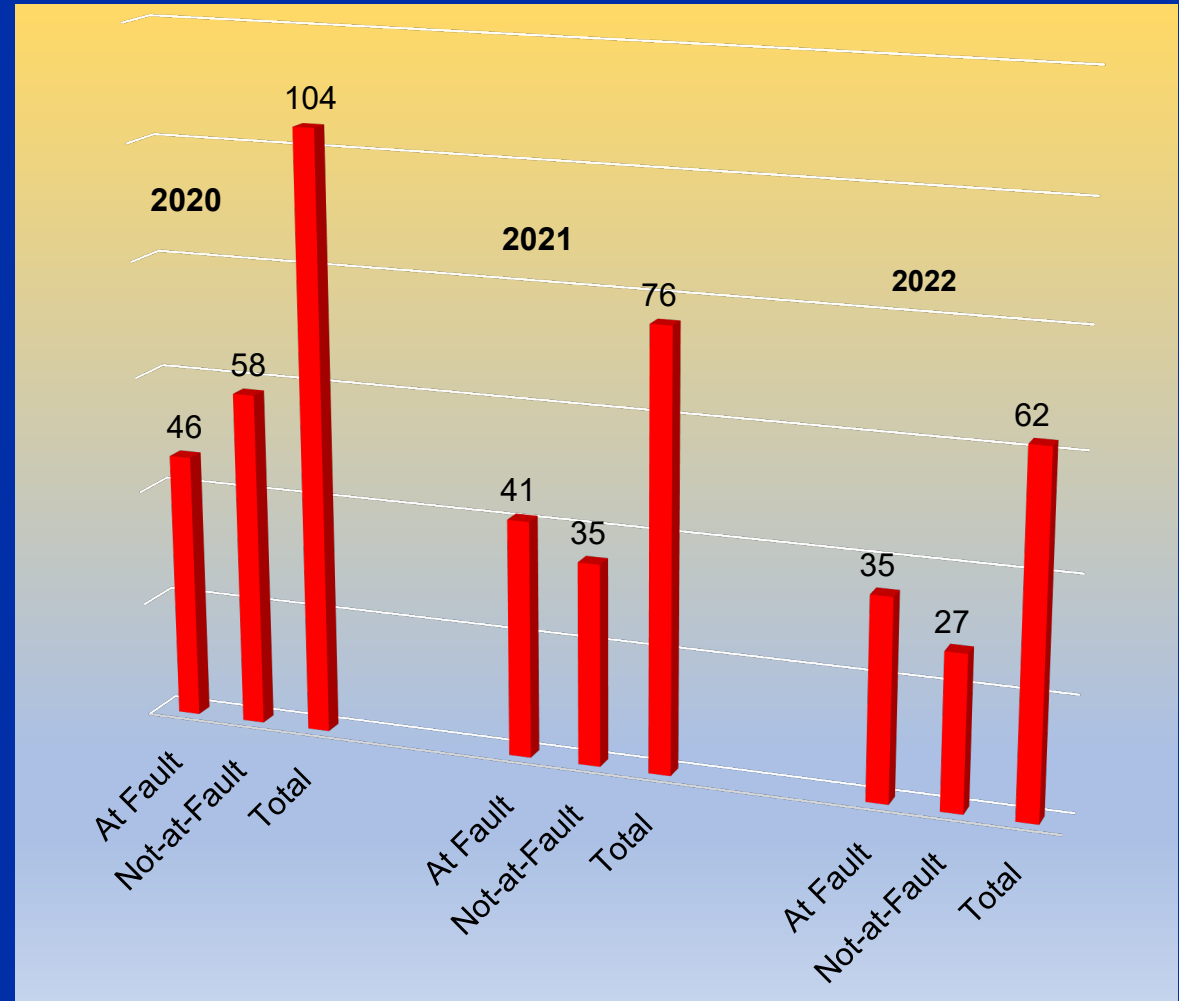
Expectations

- Confined Space program in compliance with OSHA 1926 Subpart AA – Confined Spaces in Construction
- Identify the presence of a Confined Space and Permit Required
- Documented assessment of the confined space by the competent person – an evaluation of the hazards (physical & environmental) including atmospheric testing
- All workers engaged in confined space work must be trained in compliance with subpart AA
- Roles clearly defined and understood (entrant, attendant, entry supervisor, competent person, rescue, etc.)



Utility Damages

- Always call before you dig – 811 – It's the LAW and it's FREE
- Respect and maintain the marks – **NO** powered or mechanized equipment within the Tolerance Zone
- Provide a spotter where overhead utilities are located
- Support and protect exposed utilities within the excavation
- NY 811 Excavator Training & Education Program (operator)
- Request assistance from utility representative



Site Safety Plan (SSP)

- Submittals by Public Buildings and Infrastructure project contractors
- New to the mix are Design Build submittals
- Increase in submittals since COVID year of 2020 - 46%
- Improve on SSP on turnaround time
- Project staff and contractors to resubmit SSP within 5 days of review by Office of Construction Safety (OCS)
- Ensure what is requested and required is provided
- OSC willing to meet w/project staff and contractor to provide clarification and assistance
- DO NOT hold onto the SSPs



Office of Environmental & Hazmat Services (OEHS)

Office of Environmental & Hazmat Services (OEHS)

Mission

Environmental Safety - Protecting the public, the workers, the natural resources and wildlife of NYC.

Leadership Team

- Eralda Allajbe, Director
- Deepthi Mathew, Environmental Deputy Director
- Jazmin Logan, Environmental Section Chief
- Dennis Madigan, Hazmat Section Chief



Office of Environmental & Hazmat Services (OEHS)

- Provides technical services to Public Buildings and Infrastructure Divisions at every phase of a capital project.
- Oversees field investigations, environmental assessments and permitting, abatement activities, review of laboratory analytical data and construction documents.





Office of Environmental & Hazmat Services (OEHS)

- Environmental Safety is paramount for construction sites.
- Establishing an **Environmental Code Compliance Unit**
- Verifies and enforces Environmental Safety during construction.

Environmental Code Compliance Unit (ECCU)

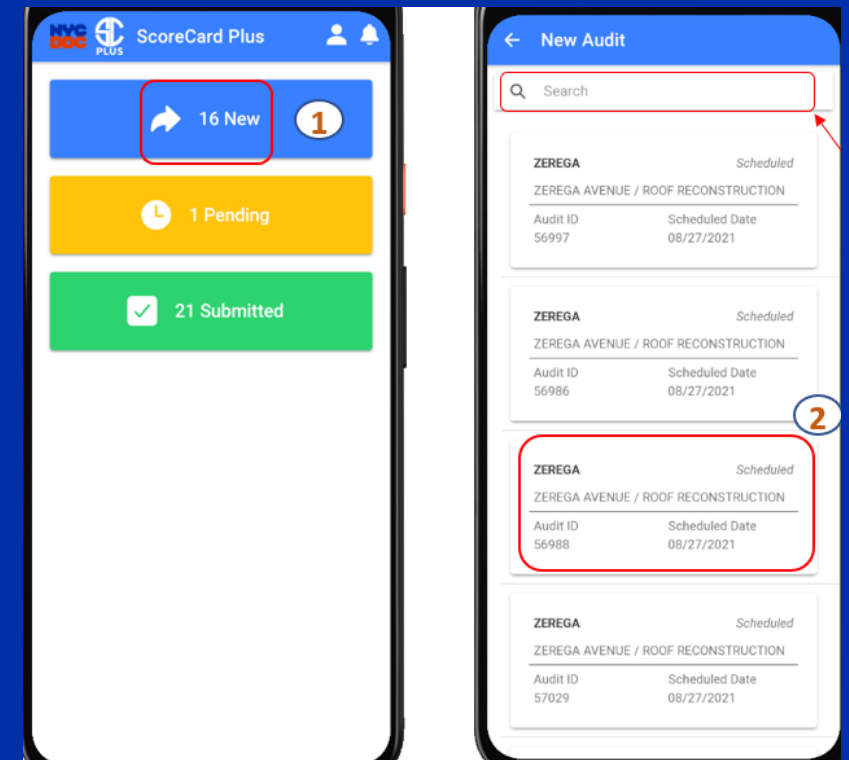
- Reviews of construction environmental documents:
 - ✓ Stormwater Pollution Prevention Plan (SWPPP)
 - ✓ Field Sampling Plan (FSP)
 - ✓ Field Sampling Summary Report (FSSR)
 - ✓ Material Handling Plan (MHP)
 - ✓ Environmental Health & Safety Plan (EHASP)
 - ✓ Community Air Monitoring Plan (CAMP)
- Conducts field audits of construction sites



Environmental Code Compliance Unit (ECCU)


Environmental Auditing Process

- Utilize ScoreCardPlus mobile application to record environmental deviations, including non-compliance with applicable regulations and approved documents:
 - Stormwater Pollution Prevention Plan
 - Material Handling Plan and Community Air Monitoring Plan
 - Environmental Health & Safety Plan
- Provide same-day feedback to construction team and management.



Environmental Code Compliance Unit (ECCU) Cont'd

- . The environmental audits will commence in February 2023.
- . Similar process as safety audits being conducted by our Office of Construction Safety.
- . All environmental deviations will require corrective actions. Some may lead to a partial or full Stop Work Order.
- . Will assist project team and contractors with enforcement of environmental compliance during construction.

ProjectID:		Audit Number:	
Project Name:			
Deviation #:	20.01.05		
Risk Level:	Environmental – Requires Corrective Actions		
Reference Code:	SWPPP Requirement		
Deviation Description:	Are all erosion and sediment control measures installed/constructed?		
Auditor's Comments:	Catch basin (active) observed on the northeast intersection of 18th Av without proper inlet protection.		
Deviation corrected in the field:	No		
Corrective Action Completed On :			
Corrective Action Taken:			
Photo:			

NEW REGULATIONS



Revised NYC DOB Construction Code

- Became effective November 7, 2022
- At “major building” construction sites designate a full-time construction superintendent (CS) in addition to Site Safety Coordinator (SSC) or Site Safety Manager (SSM).
- If serving as primary CS at a major building, may not serve as the primary CS for any other job.
- As of June 1, 2022, no individual may be designated as the primary CS for more than five jobs, three by 2024 and one by 2026.
- A CS designated as the primary CS at a job site may serve as a non-primary CS at another job site, provided there is no work requiring the presence of such individual occurring at the job site for which the individual has been designated as the primary CS.
- [2022 NYC DOB Construction Code Bulletin](#)
- [2022 NYC DOB Construction Codes](#)



Major Buildings

- Current definition: an existing or proposed building 10 or more stories or 125 feet or more in height, or with a footprint 100,000 sq. ft. or more regardless of height, or so designated by the Commissioner due to unique hazards associated with construction or demolition.
- The new definition designates a major building as a structure of 7 or more stories measuring 75 feet. The existing designation remains in effect until **December 2024** at which time all extra requirements for a major building will affect 7-, 8- and 9-story buildings.
- NYC Local Law 147 - Major Buildings



NYC DOB Training Connect SST Cards

- Workers on construction sites requiring a DOB-licensed safety professional who completed their training as of January 1, 2022 must have a NYC DOB Training Connect SST Card. SST Cards not issued through NYC DOB Training Connect will not be accepted.
- Workers whose SST Cards were issued before January 1, 2022, should contact the course provider who issued the SST Card to have it replaced with a NYC DOB Training Connect SST Card by **January 31, 2023**. Beginning February 1, 2023, only SST Cards issued through NYC DOB Training Connect will be accepted.



NYC DOB Training Connect Platform

Exchange your SST Card for an NFC-Enabled DOB Training Connect Site Safety Training Card by 2/1/2023

The diagram illustrates the transition from a traditional Site Safety Training Card to a new NFC-enabled DOB Training Connect Site Safety Training Card. On the left, the old card is shown with a silhouette, ID: 2B02S6P7N3, Name: John Doe, Height: 5' 8", Eye: BRO, Issued: 9/1/2020, Expires: 9/1/2025, and ACME Course Provider. A large grey arrow points to the right, where the new card is shown from both the back and front. The back of the new card features the text 'TRAINING CONNECT', 'SITE SAFETY TRAINING', a stylized city skyline, 'NYC Buildings', and 'NOT A NYCDOB EMPLOYEE'. The front of the new card features a photo of Jane P. Degessi, 'SITE SAFETY TRAINING', 'SITE SAFETY Jane P. Degessi', ID: 2B02S6PTN3, ISSUED: 02/10/2021, EXPIRY: 02/10/2026, and a QR code.

Back

Front

So, What is Safety?

Safety is an ever-changing condition in which one attempts to minimize the risk of injury, illness, or property damage from hazards through a continuing process of hazard identification and risk management.



THANK YOU!

