CALTRAIN SAFETY PERFORMANCE DASHBOARD

JULY 26, 2023

TOPS COMMITTEE

Definitions

➢ **Accident/Incident -**

- Collision, derailments and other events involving the operation of on track equipment and causing reportable damage above $11,500; impacts between on track equipment and highway users at grade crossings; and all incidents that cause a fatality or injury to any person or occupational illness to a railroad Employee

➢ **Reportable Injury**

- Results in death, days away from work, restricted work or transfer to another job, medical treatment beyond first aid, or loss of consciousness.

Definitions

➤ **Key Performance Indicators (KPI's)**

- a quantifiable measure used to evaluate the success of an organization in meeting performance objectives

➤ **Lagging Indicator**

- measure the occurrence and frequency of events that occurred in the past; such as injuries, fatalities, etc.

➤ **Leading Indicator**

- proactive measures that can shed light about the effectiveness of safety activities and identify potential problems before they become events i.e. employee engagements, inspections, testing failures, near miss causes, etc

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Injuries

Days Without a Reportable Injury as of 7/12/2023		
Department	DWI	Date of Last Injury
OPS	37	6/5/2023
MOE	0	7/12/2023
MOW	100	4/3/2023
OTHER	1141	5/27/2020

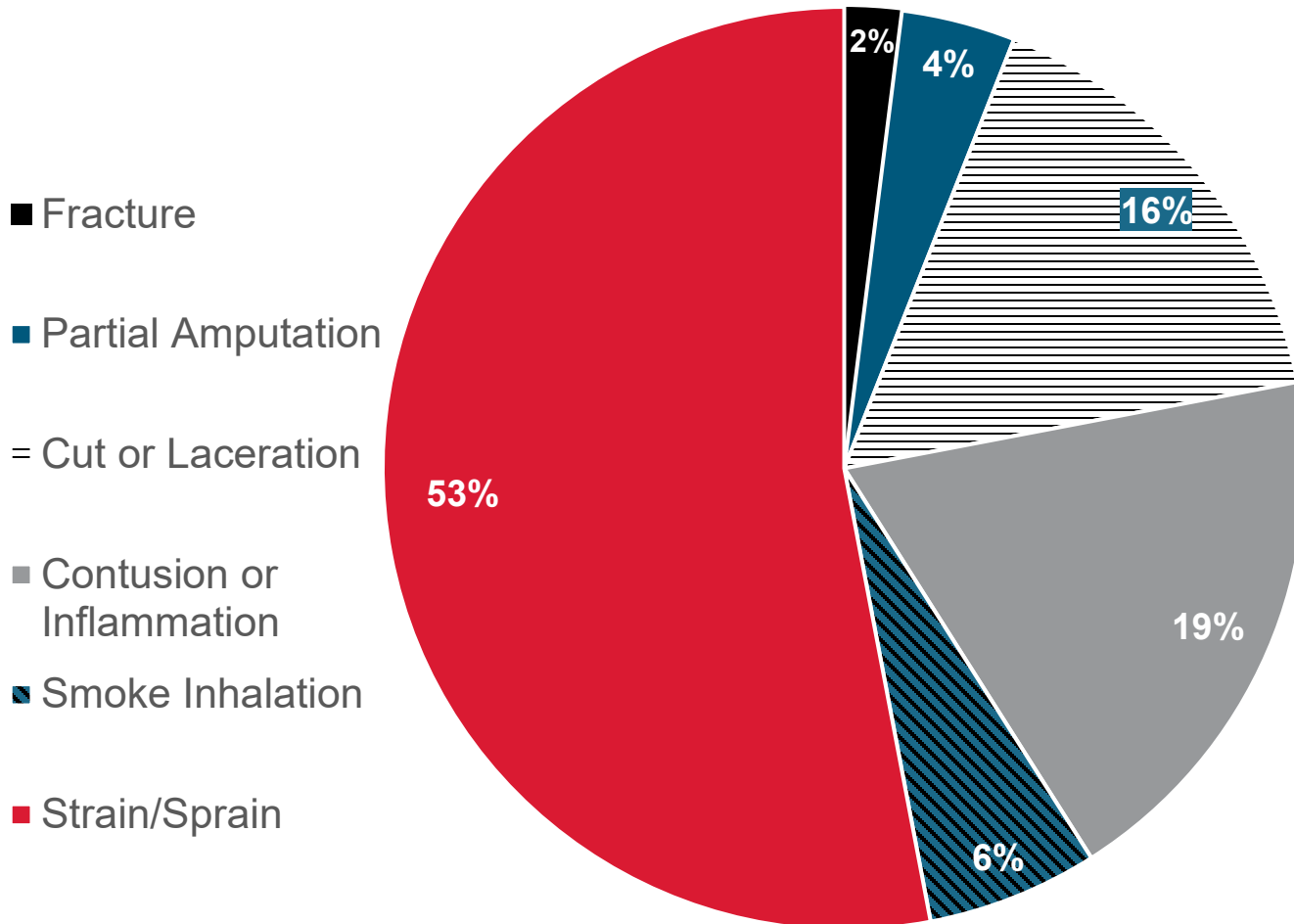| Month	Monthly Reported Injury Ratio	Cumulative Reported Injury Ratio (CY2023)
June	2.46	2.83

Monthly Injury Ratio is calculated by: (Monthly Man-Hours/#Incidents)/200,000

Cumulative Ratio YTD is Calculated by: (YTD Man-Hours/YTD #Incidents)/200,000

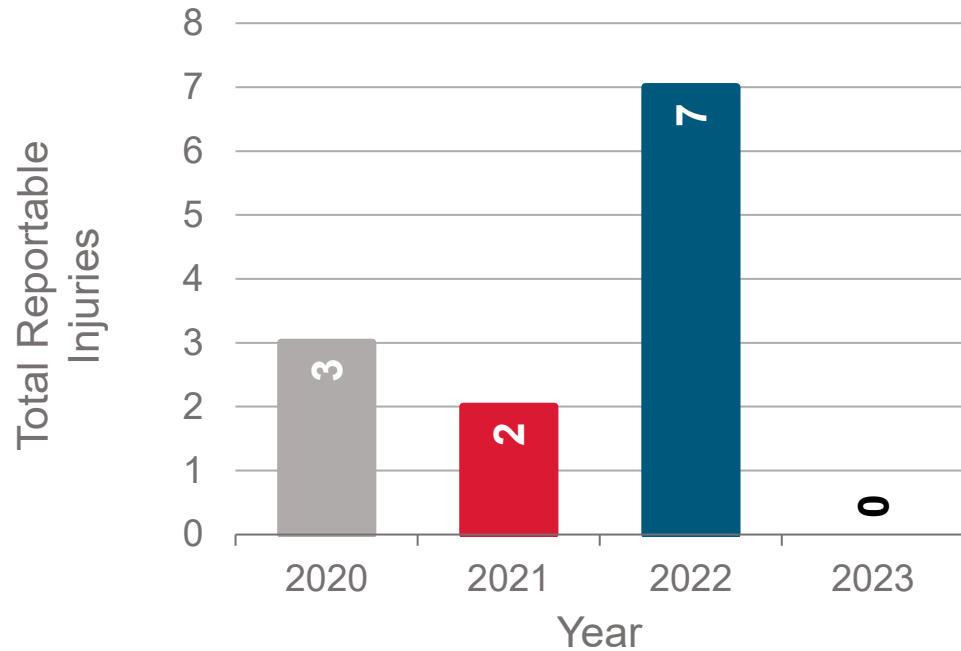Caltrain

Injuries

Types of Injuries CY2020 - CY2023

- ■ Fracture
- ■ Partial Amputation
- = Cut or Laceration
- ■ Contusion or Inflammation
- ■ Smoke Inhalation
- ■ Strain/Sprain

2% 4% 16% 53% 19% 6%

Employee Injuries, Reportable Injury Rate by Year

■ Total Employee Injuries — Reported Injury Ratio

Total Injuries

Reported Injury Ratio

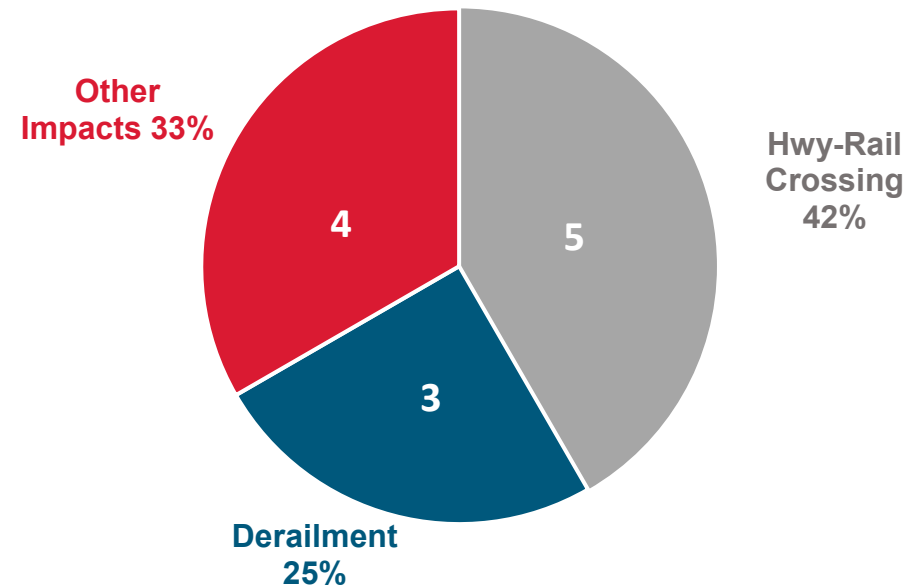| Year	2020	2021	2022	2023
Total Employee Injuries	14	19	10	8

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Accidents/Incidents

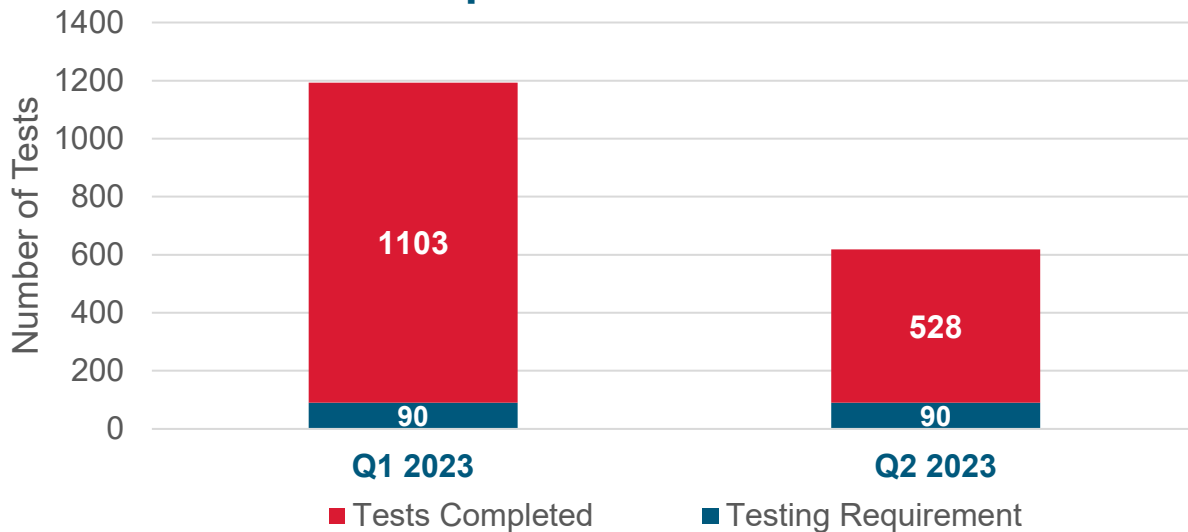### Reportable Rail Equipment Incidents YoY CY2020 – CY2022
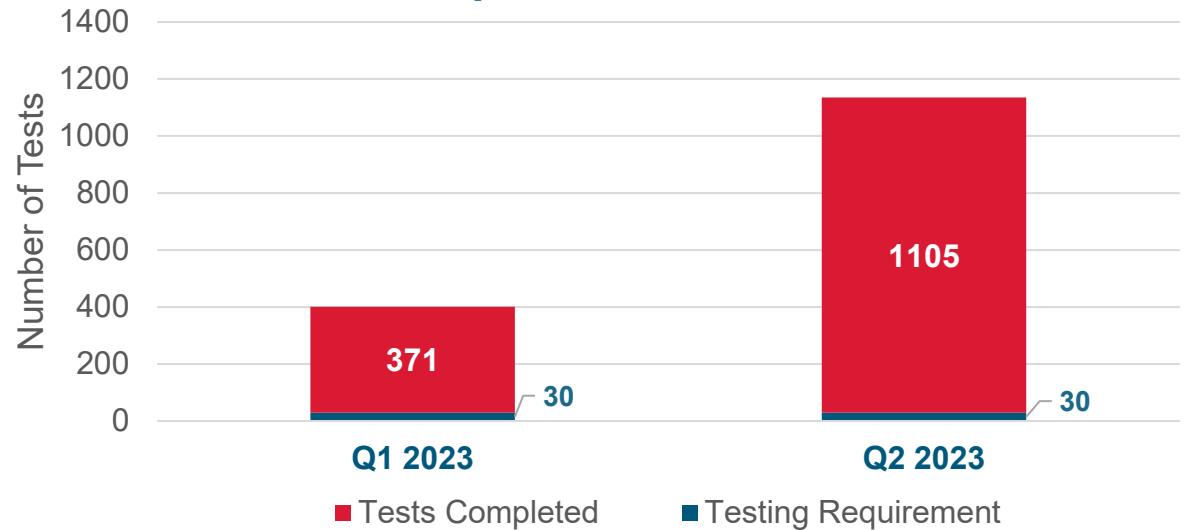

Reportable Rail Equipment Incidents CY2020 - CY2023

Efficiency Testing

Operations Core Program Tests Completed vs. Quota

Number of Tests (y-axis: 0, 200, 400, 600, 800, 1000, 1200, 1400)

- Q1 2023: Tests Completed 1103, Testing Requirement 90
- Q2 2023: Tests Completed 528, Testing Requirement 90

■ Tests Completed   ■ Testing Requirement

Q1 Testing Requirements:
- Flags
- Trains/Engines/Cars Left Unattended
- Delayed in the Block
- Communication of Signals
- Passenger Car Door Operations
- Block Signal Drop
- Conductor Calling Restrictions to Engineer
- Protection of Track Car, Men, or Machines
- Alcohol and Drug Observations
- Conduct Proper Job Briefing
- Track Occupancy
- Tampering With Safety Equipment

Q2 Testing Requirements:
- Flags
- Trains/Engines/Cars Left Unattended
- Speed Requirements
- Delayed in the Block
- Communication of Signals
- Block Signal Drop
- Running Brake Test
- Conduct Proper Job Briefing

MOE Core Program Tests Completed vs. Quota

Number of Tests (y-axis: 0, 200, 400, 600, 800, 1000, 1200, 1400)

- Q1 2023: Tests Completed 371, Testing Requirement 30
- Q2 2023: Tests Completed 1105, Testing Requirement 30

■ Tests Completed   ■ Testing Requirement

Q1 Testing Requirements:
- Blue Signal - MOE
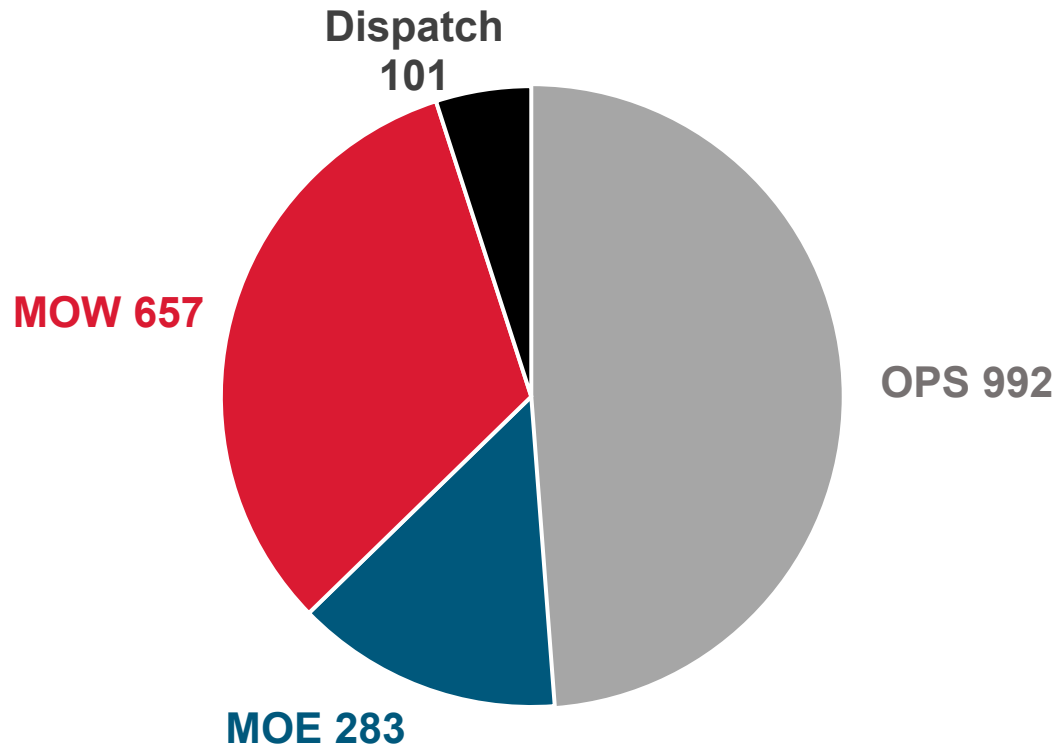- Lock out/Tag out - MOE
- Crossing Warning Devices

Q2 Testing Requirements:
- Separation During Travel and Work
- Multiple Work Groups Using Same Authority
- Protection of Track, Car, Men, or Machines
- Blue Signal MOE
- Crossing Warning Devices

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Employee Engagements

Employee Engagement Across Safety Events 2023

Dispatch 101
MOW 657
MOE 283
OPS 992

Safety Week 2023

5-day event consisting of one engagement topic each day.
- Engagement
- Risk Identification
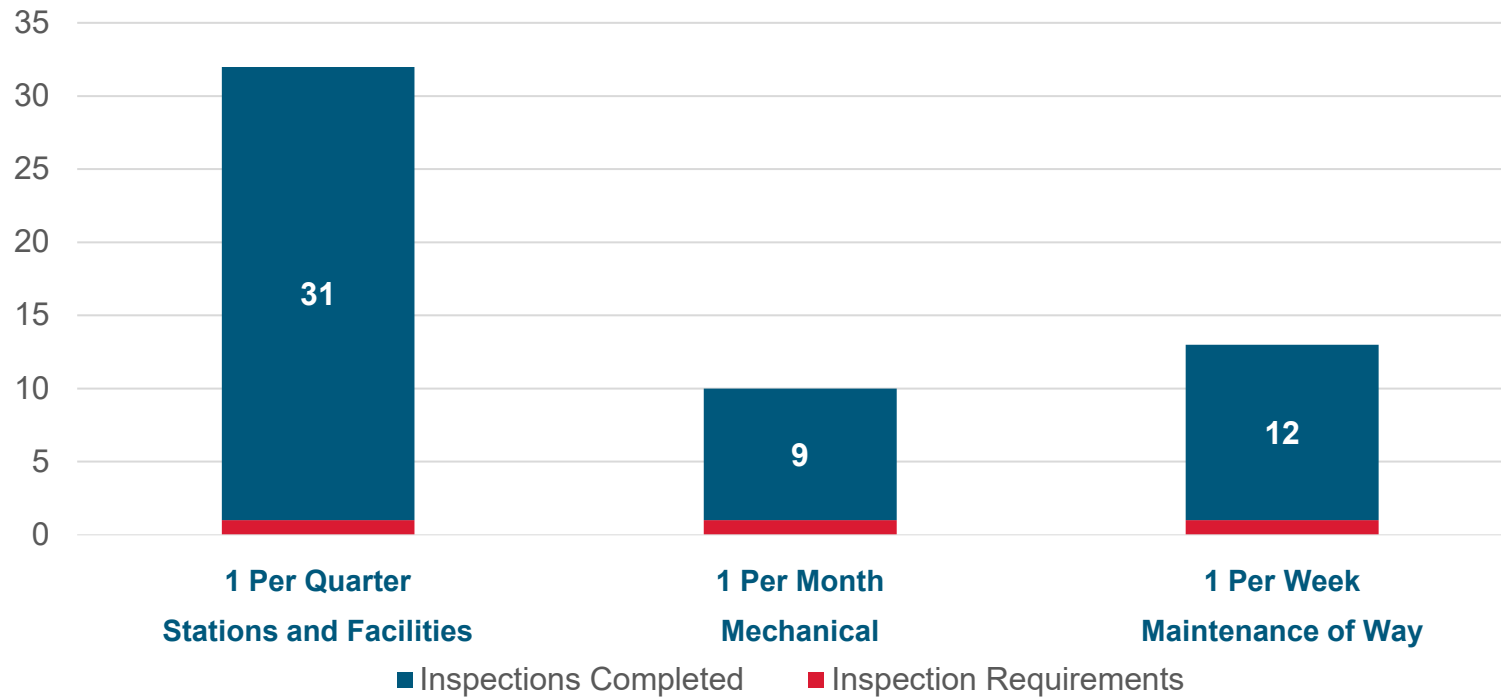- Clarity
- We Over Me
- Pursuit of Excellent

Collectively TASI management engaged with **1,430** employees during Safety Week 2023

Summer Spike 2023
Collectively TASI management engaged with **603** employees within the first two months of the event.

Inspections

Facility Inspection Goals
Q2 2023

Questions/Comments?

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FOR MORE INFORMATION

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