

Caltrain Safety Performance and Tree Policy Update

July 24, 2024

TOPS COMMITTEE



Overview

- Safety – First and Always is Caltrain's #1 Core Value
- Safety Culture Enhancements
- Caltrain Safety Dashboard
- Grade Crossings
- Partnering/Outreach
- Security Calls for Service

Safety Culture

- Created **Safety – First and Always** as our primary core value
- Safety Moments at all Caltrain meetings and briefings
- Safety Leaders recognition
- Safety Concern Reporting well utilized
- AED/CPR and Active Attacker training
- Focus on – Safety Communication/Messaging
- Risk Based Decision Making/Assessments



	Severity			
Frequency of Occurrence	1 Catastrophic	2 Critical	3 Marginal	4 Negligible
(A) Frequent	1A	2A	3A	4A
(B) Probable	1B	2B	3B	4B
(C) Occasional	1C	2C	3C	4C
(D) Remote	1D	2D	3D	4D
(E) Improbable	1E	2E	3E	4E

Safety Moments

Why are they Important?

- **Safety – First and Always** is our primary core value
- Our Commitment to a Strong Safety Culture
- Demonstrates we care about each other
- Focuses our attention on the hazards around us
 - Hazards exist at work and at home
 - Ensure we take precautions to work and live safely
- **A Moment** - to ensure we are safely focused on the task or day ahead
- **A Moment** - to ensure everyone goes home safely everyday



Think, work, live safe
FIRST AND ALWAYS

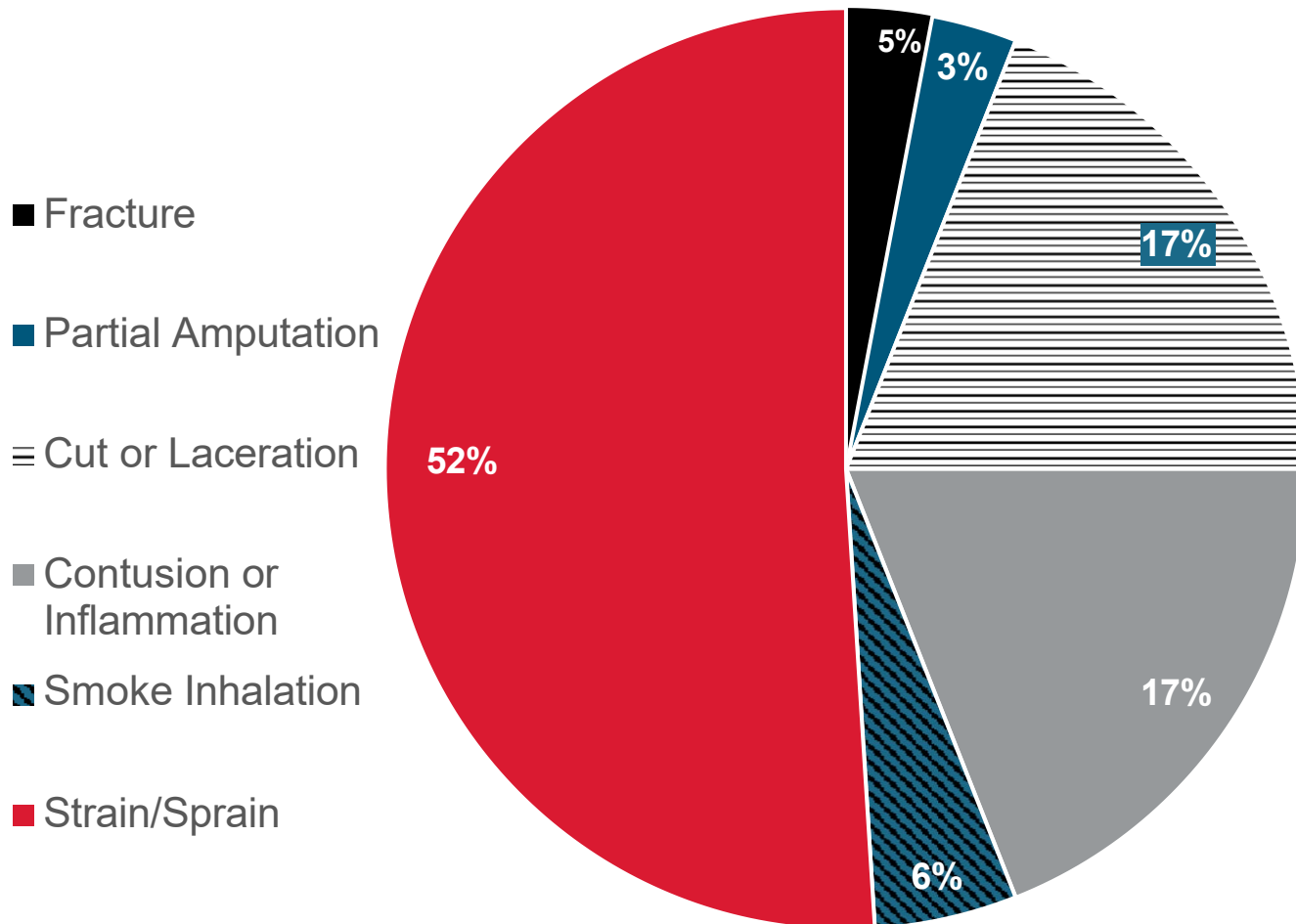


Injuries

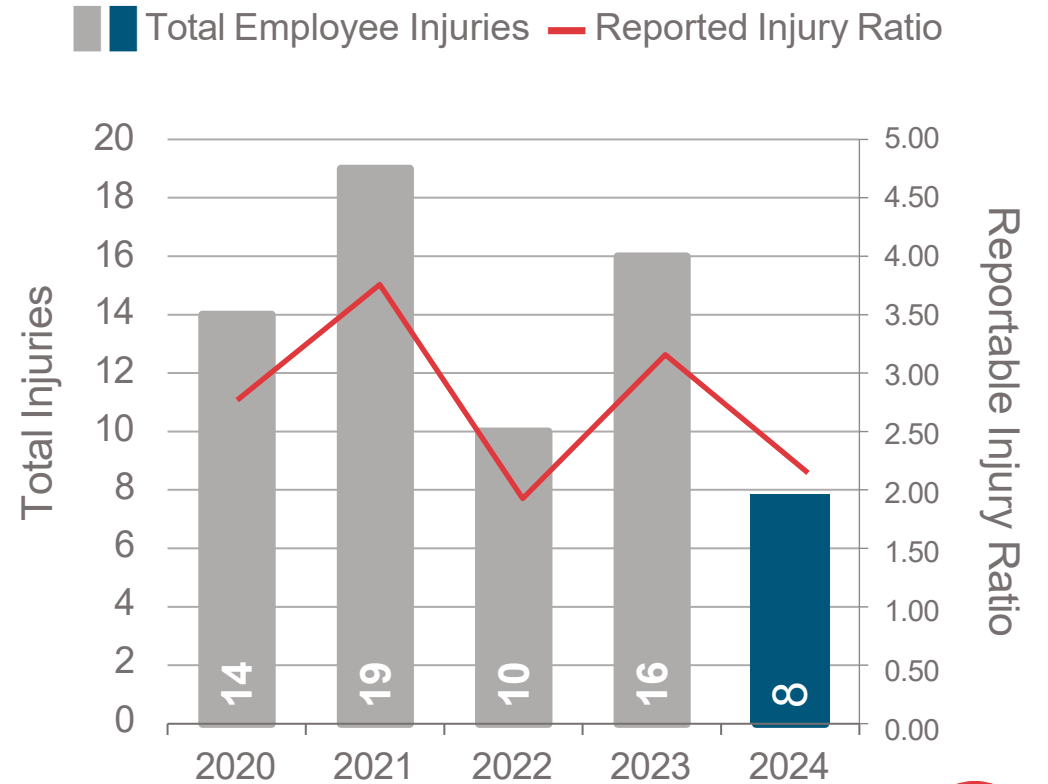
Days Without a Reportable Injury as of 7/17/2024		
<u>Department</u>	<u>Days Without Injury</u>	<u>Date of Last Injury</u>
OPS	51	5/29/2024
MOE	6	7/11/2024
MOW	156	2/14/2024
OTHER	1514	5/27/2020

Reportable Injuries

Types of Injuries CY2020 - CY2024



Employee Injuries, Reportable Injury Rate by Year

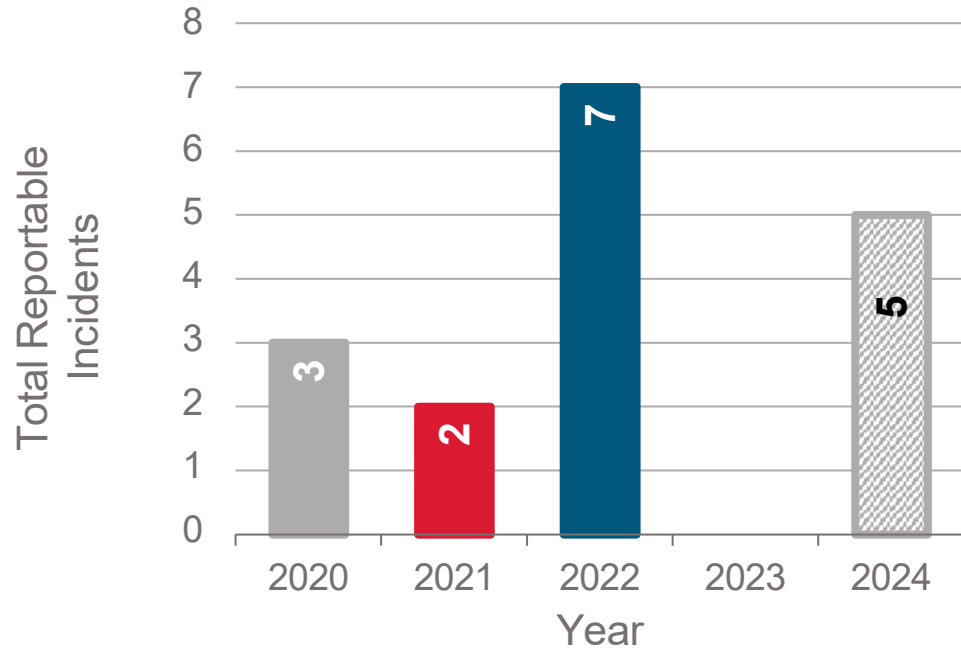


The national average RIR is 3.0 across all industries, per the U.S. Bureau of Labor Statistics.

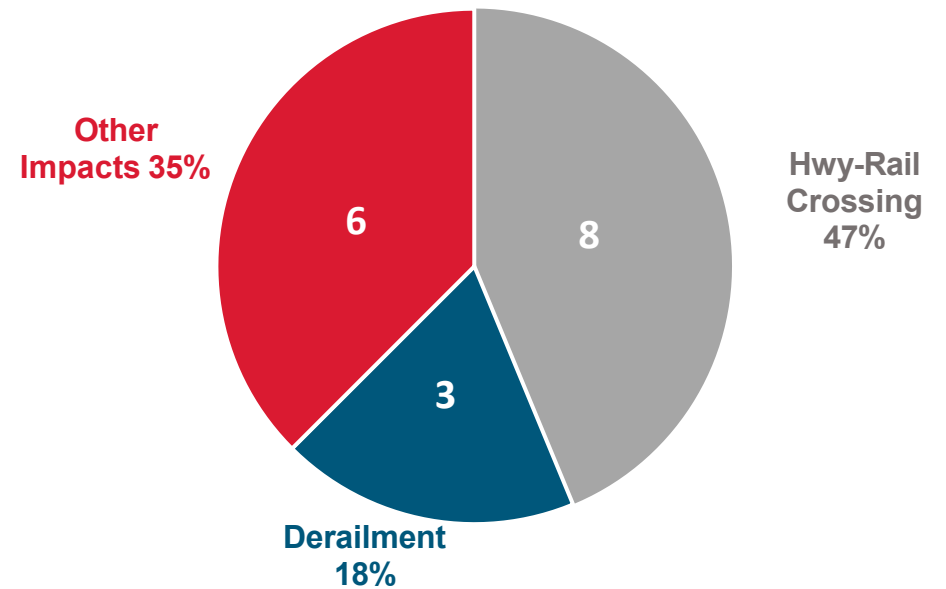


Accidents/Incidents

Reportable Rail Equipment Incidents YoY CY2020 – CY2024

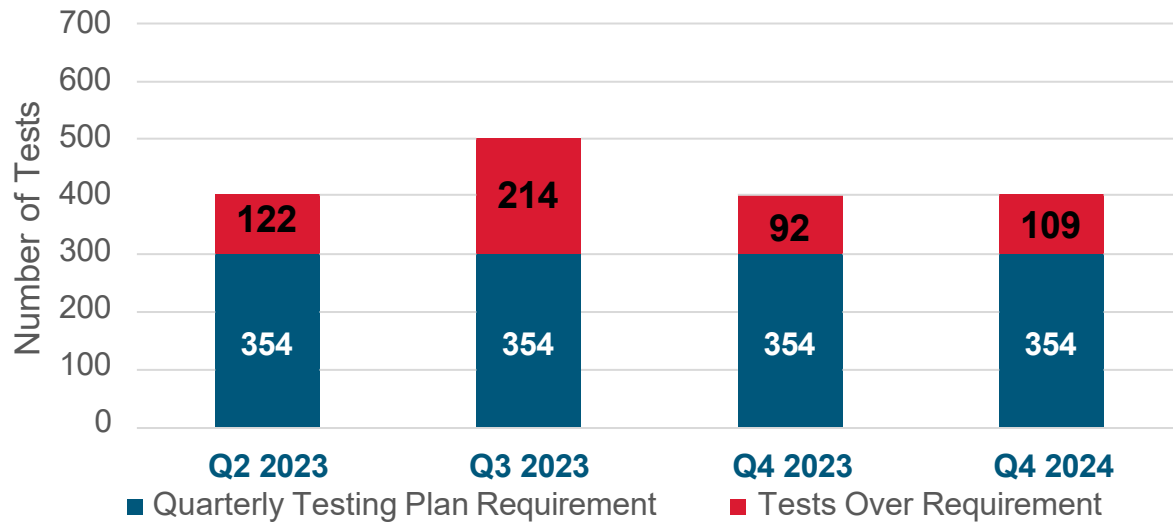


Reportable Rail Equipment Incidents CY2020 - CY2024



Efficiency Testing

Program Tests Completed vs. Quota

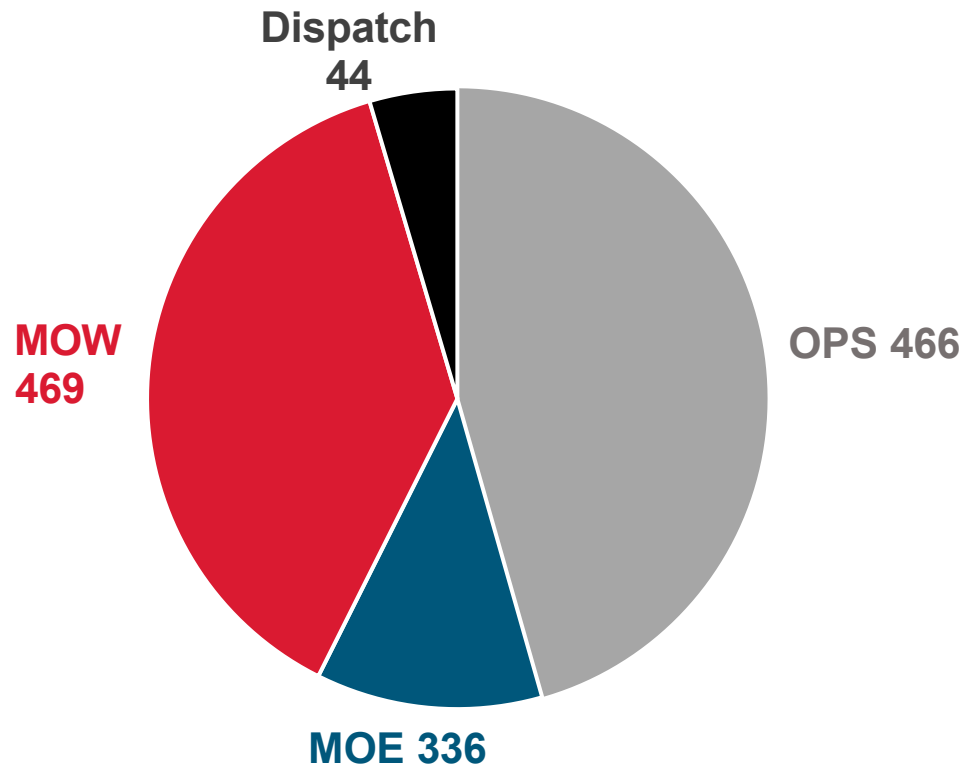


Operations Testing Requirements:

- 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
- Blue Signal MOE

Employee Engagements

Employee Engagement Across Safety Events 2024



Safety Week & Summer Spike 2024

Began in May 2024

The 5-day event consists of one engagement topic each day:

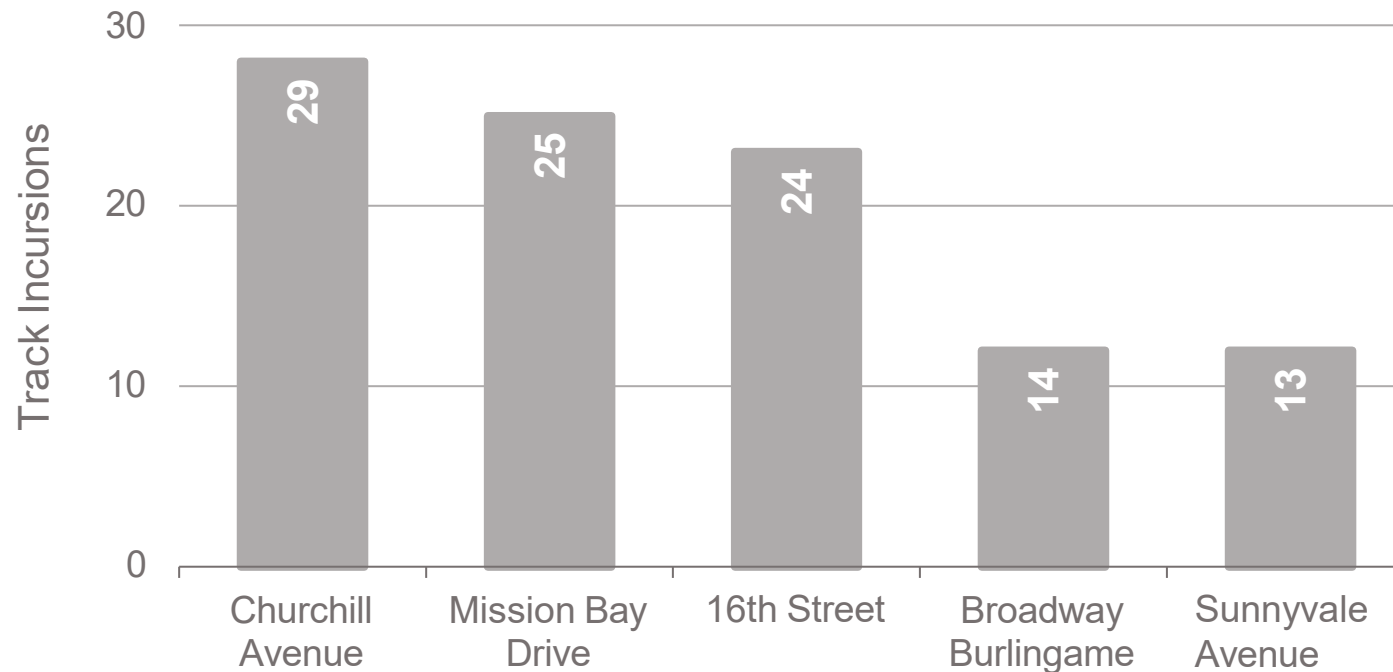
- Monday: Driving Personal Ownership
- Tuesday: Encourage and Welcome New Ideas
- Wednesday: Embracing Every Voice
- Thursday: Strengthen Our Culture
- Friday: Thank You for Using Your Voice

The theme of Safety Summer Spike 2024 – Monthly events is **Value Every Voice**.

Vehicle Track Incursions

- There are currently 71 'at-grade' crossings along the Caltrain corridor
- Over half of the 198 vehicle track incursions since 2020 have occurred at 5 grade crossings
- The following slides highlight Caltrain's efforts to enhance safety at crossings

Vehicle Track Incursions by Crossing, CY2020 to Present



Grade Crossing Enhancements

- Pavement Markings
- Solar Lane Markers
- Delineators
- Signage
- Lighting
- Technology – CCTV, Intrusion, Alert Integration, GPS Applications
- Scheduled improvements and separations

Grade Crossing Enhancements

Pursuing Technology

- CCTV
- Video Analytics – proximity, license plate recognition, etc.
- Analysis and Alert
- Intrusion
- GPS Application Enhancement Discussions
- See Something, Say Something

Grade Crossing Enhancements

Technology - Intrusion

- Pilot Testing at high-risk crossings
- LIDAR
- CCTV
- Analysis and Alert (AI)
- Forensic
- Dialing in areas, alerts, notifications
- Future Integration potential

Fencing and Barriers

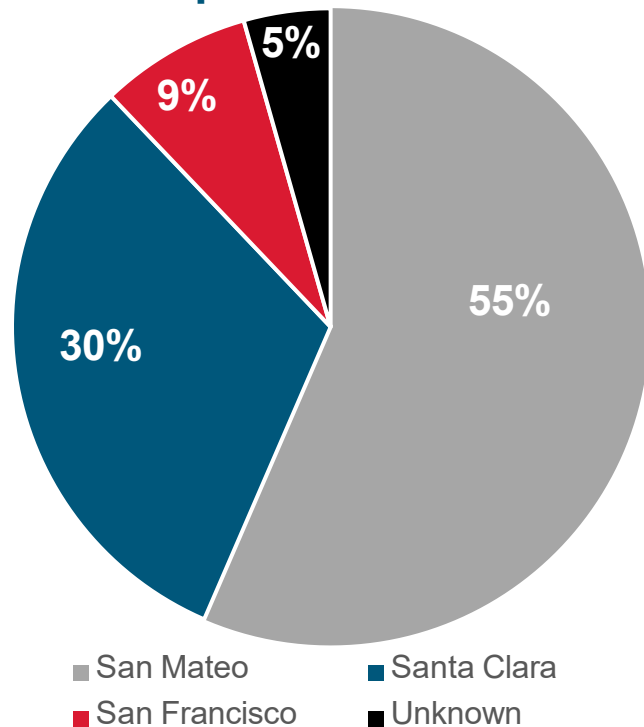
- Full alignment risk assessment in progress
- PCEP and general fencing repairs continuing (risk based)
- Multiple fence funding sources/projects
- Fence replacement project – Palo Alto

Community Partnering and Outreach

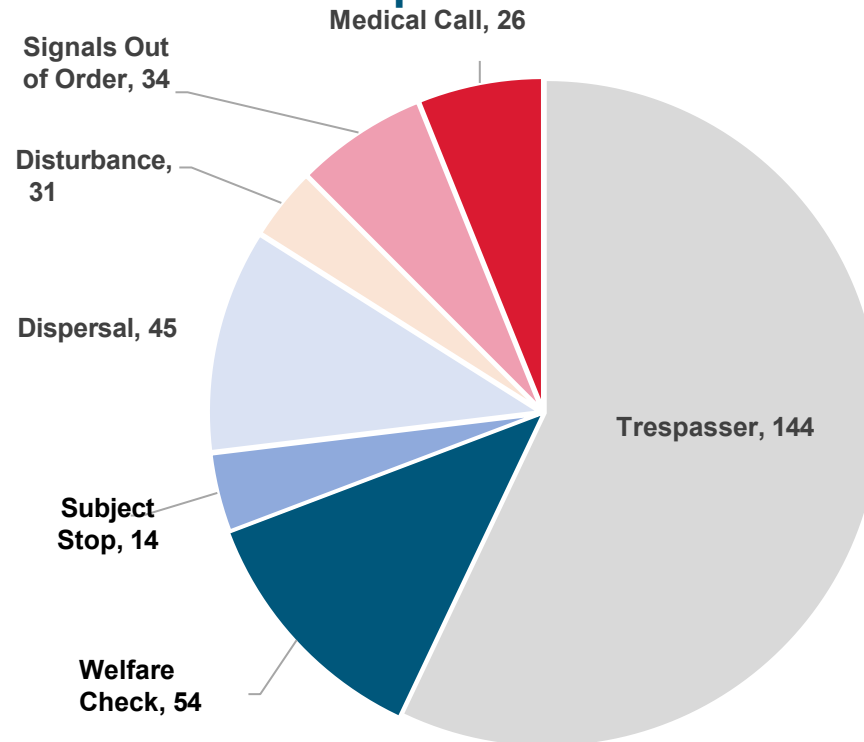
- City of Palo Alto
- City of Burlingame
- Reaching out to other cities
- Regional Trespasser/Suicide Prevention Partnership
- Operation Lifesaver
- GPS App Companies
- Residential/ Grade Crossing/ School Outreach continues
- Electric Train Environment Communication

Transit Police Calls for Service

Calls for Service by County April - June 2024



Number of Calls by Category April - June 2024¹



April- June 2024 Service Call Data
Overall Average Response Time: **19:19**

Footnote 1: Total calls for service totaled 1484 in Q2 across 18 categories.

See Something, Say Something

Do your part to keep the rails safe! **Call Transit Police at 1.877.SAF.RAIL (1.877.723.7245) immediately** to report any unsafe situation or suspicious activity, such as children playing near the tracks or people hanging out along the right of way.

Save the number in your cell phone for quick and easy access.

Caltrain
Safe



Questions/Comments?

FOR MORE INFORMATION

WWW.CALTRAIN.COM

