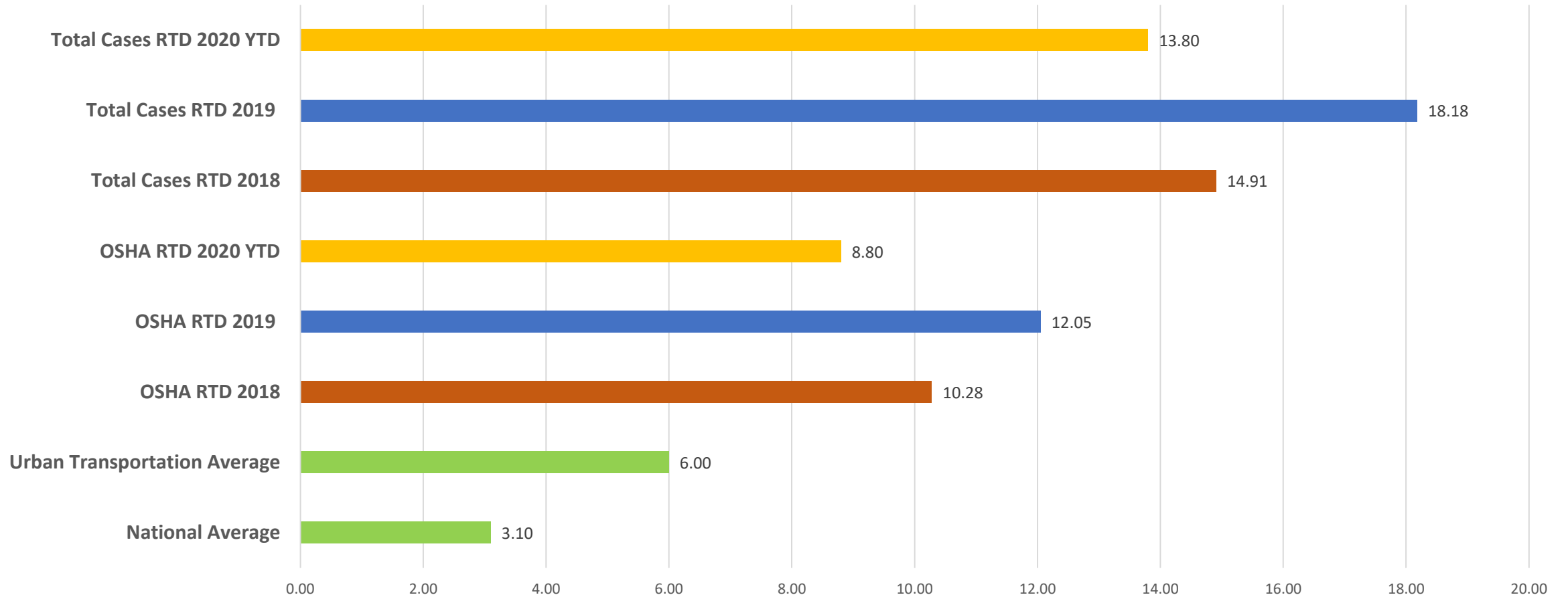


# Safety Performance Data

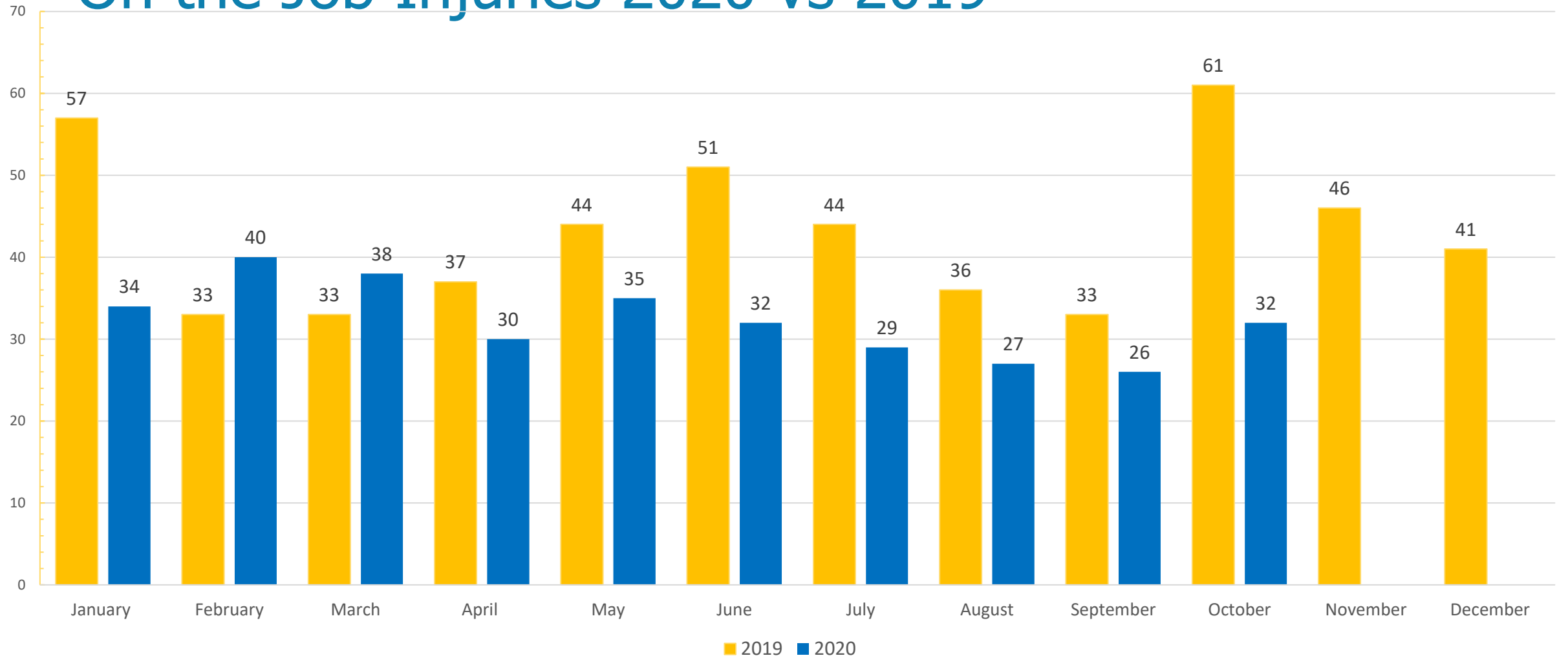
2020 YTD

# Incident Rates (Injuries per 100 employees)

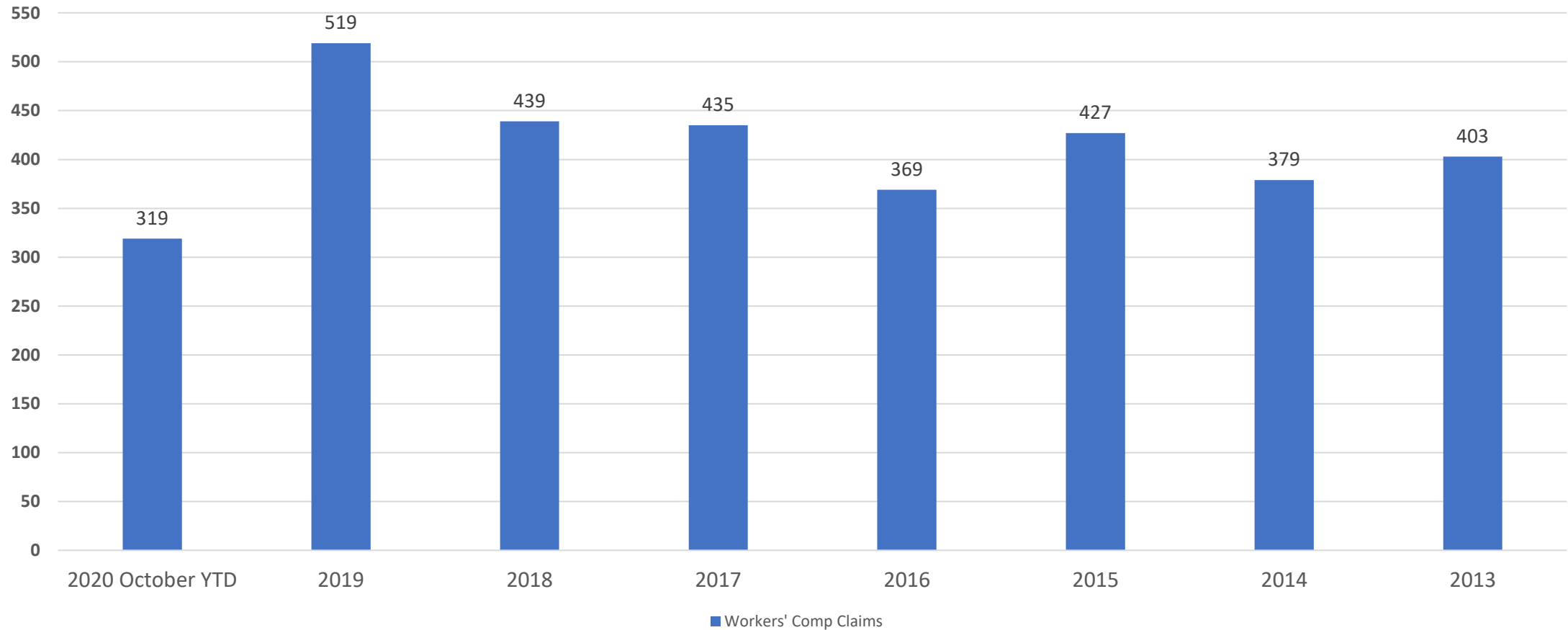
Last updated October 1—Workday Report for hours pending



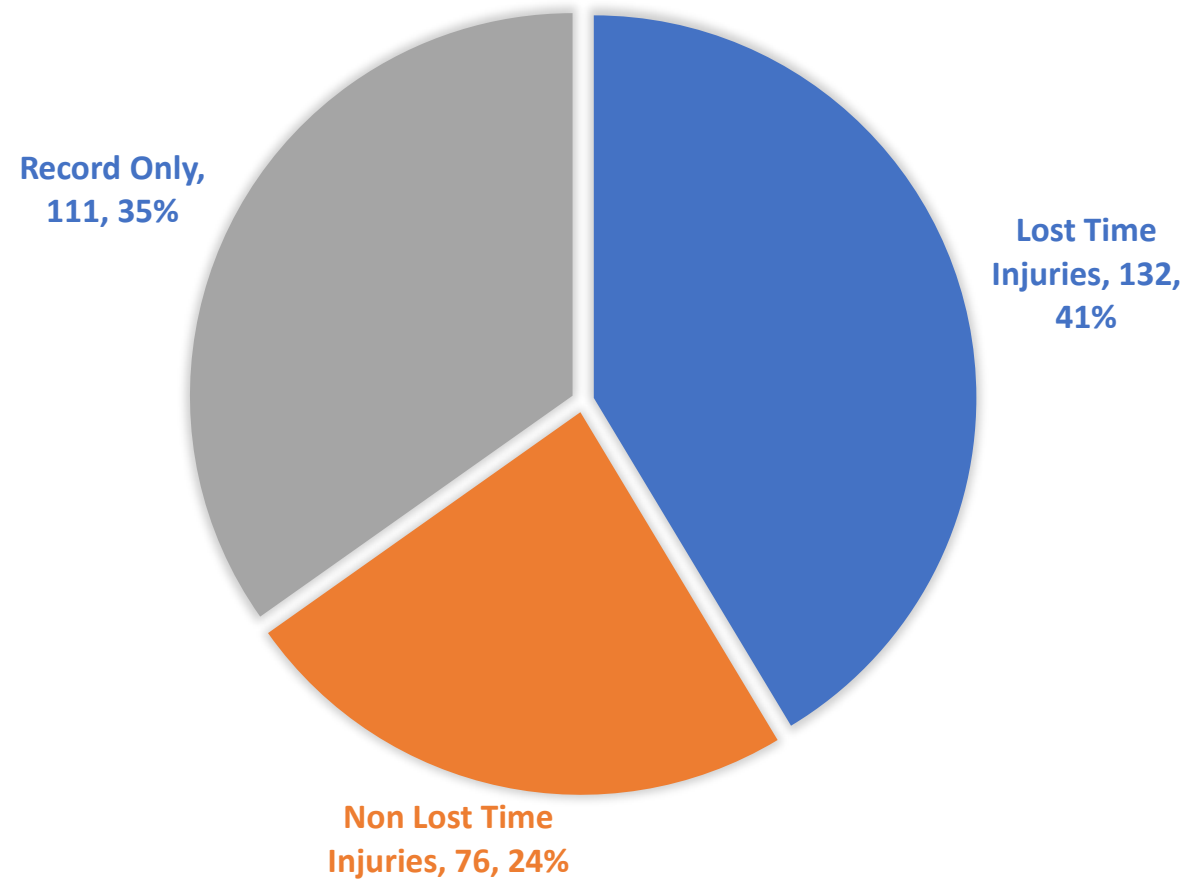
# On the Job Injuries 2020 vs 2019



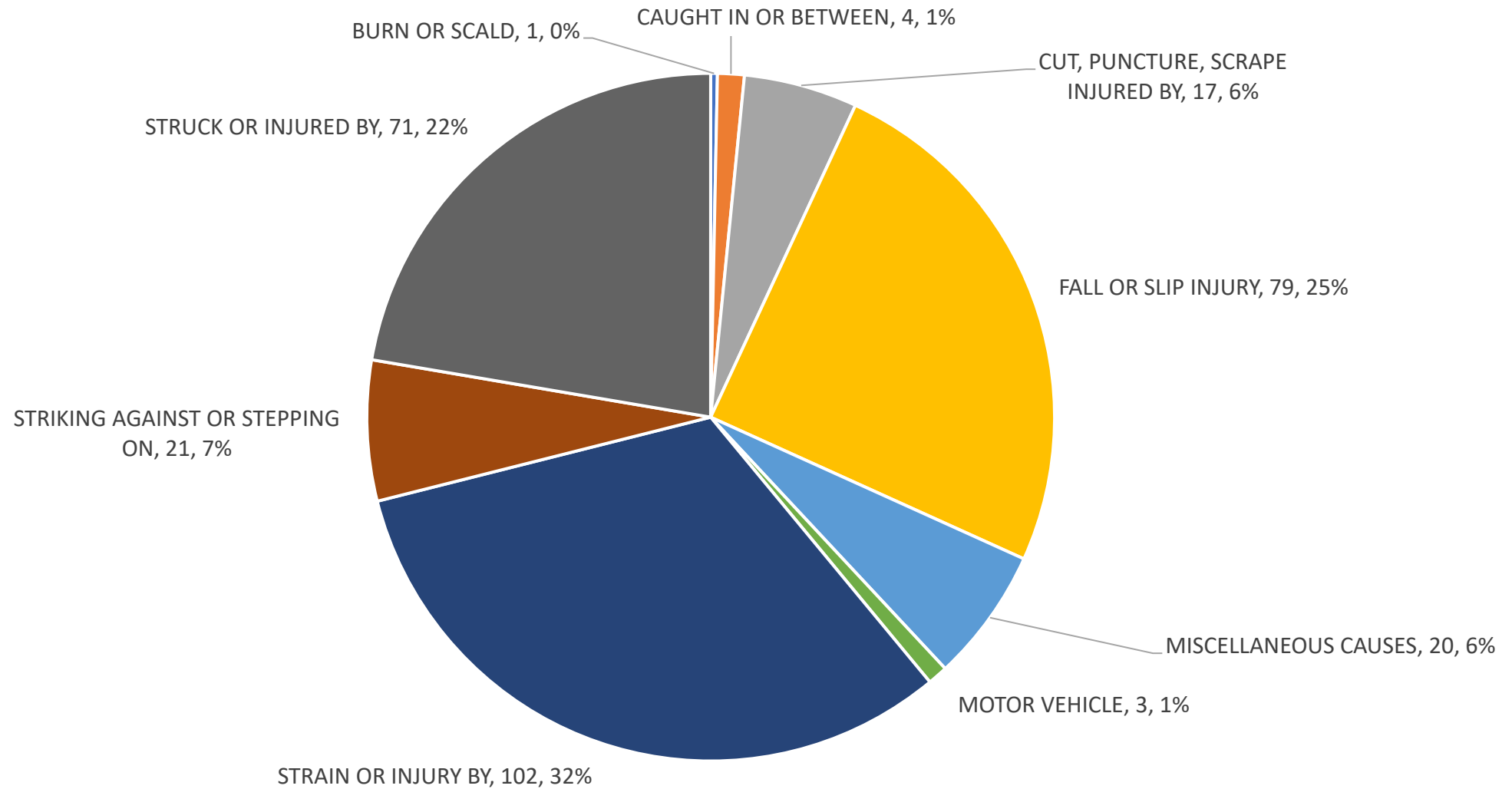
# On the Job Injuries 2013—October 2020



# 2020 On the Job Injuries by type

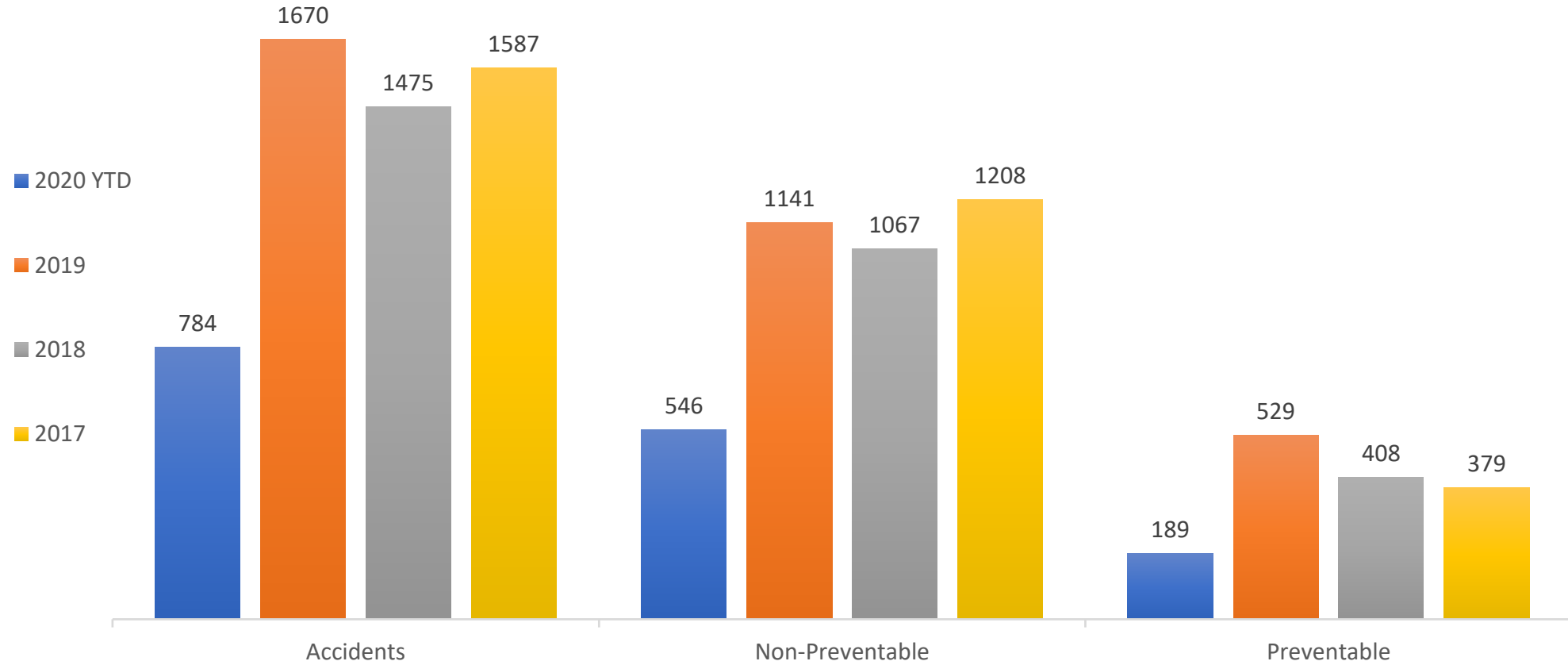


# Injury Causes YTD 2020



# Bus and Light Rail

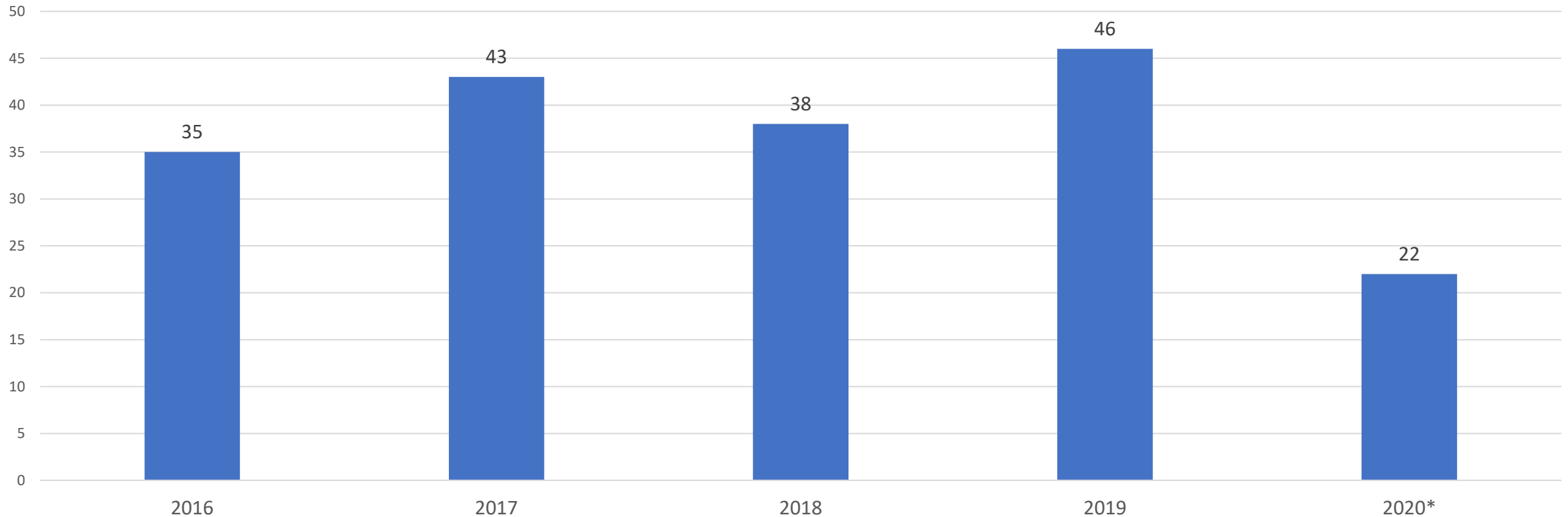
# Bus Safety—Total Accidents 2017-2020 YTD





# Rail Safety 2020

- RTD Light Rail Operations 2 Hour Reportable Events to PUC/FTA



# Rail Safety 2020

- Internal Safety Reviews (ISR)
  - Winter ISR—2 findings, 6 Recommendations
  - Summer Audit—Completed in November, awaiting final report
    - Multiple findings expected
- PUC Audits
  - Spring Audit—11 Findings
  - Fall Audit Underway
    - CEO and Board Members Interviewed
- PUC/FTA Activity
  - PUC independent Event Investigation
    - April 1, 2020 Train on Train Event in Elati Yard



# COVID-19 Update

# RTD COVID-19 Update

- Transferred responsibility for COVID -19 Emergency Leave to HR
  - Completely transitioned by November 1
  - All communication should go through [hrcovidreporting@RTD-Denver.com](mailto:hrcovidreporting@RTD-Denver.com)
- Over 1100 employees have utilized the RTD COVID-19 Emergency Leave
- 71 confirmed cases of COVID-19 in RTD.
  - Outbreaks at Elati, East Metro, Platte Maintenance, TIC and Mariposa
  - Public Facilities outbreak resolved.
    - Resolving an outbreak requires 28 days without a new confirmed or probable case
  - Summons from DDPHE for Health Department violations at Platte (Mask wearing)



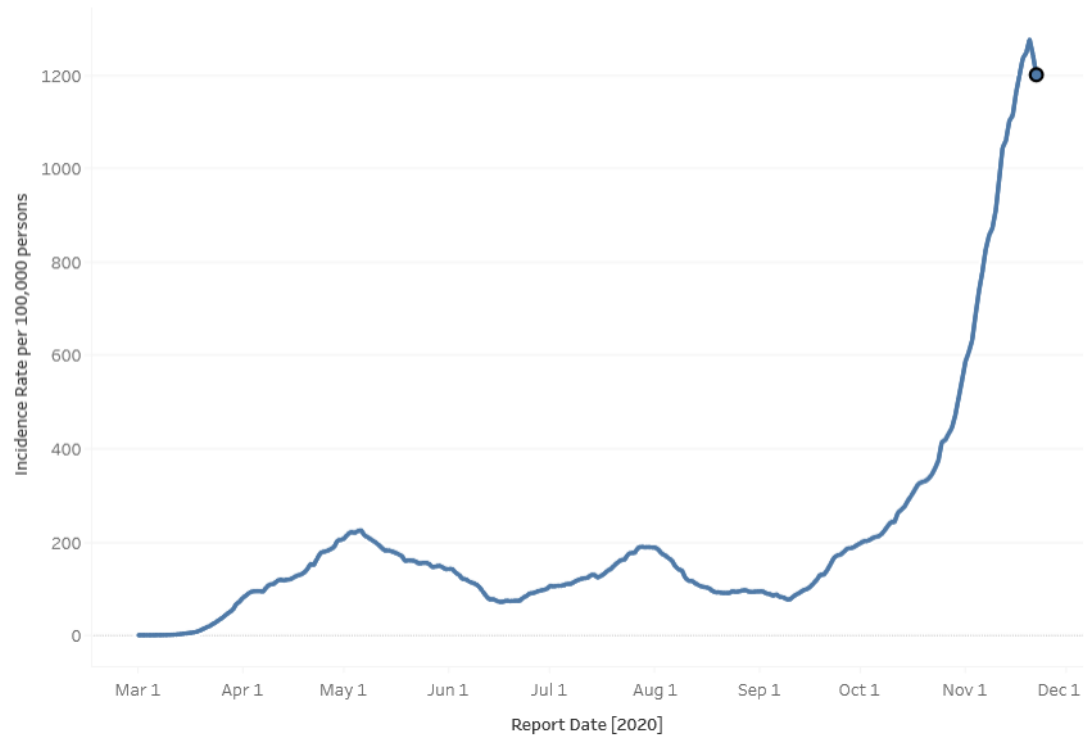
# COVID-19 Current State

## Denver COVID-19 Cases

- All Denver COVID-19 Cases
- Denver COVID-19 Cases NOT in Congregate Settings

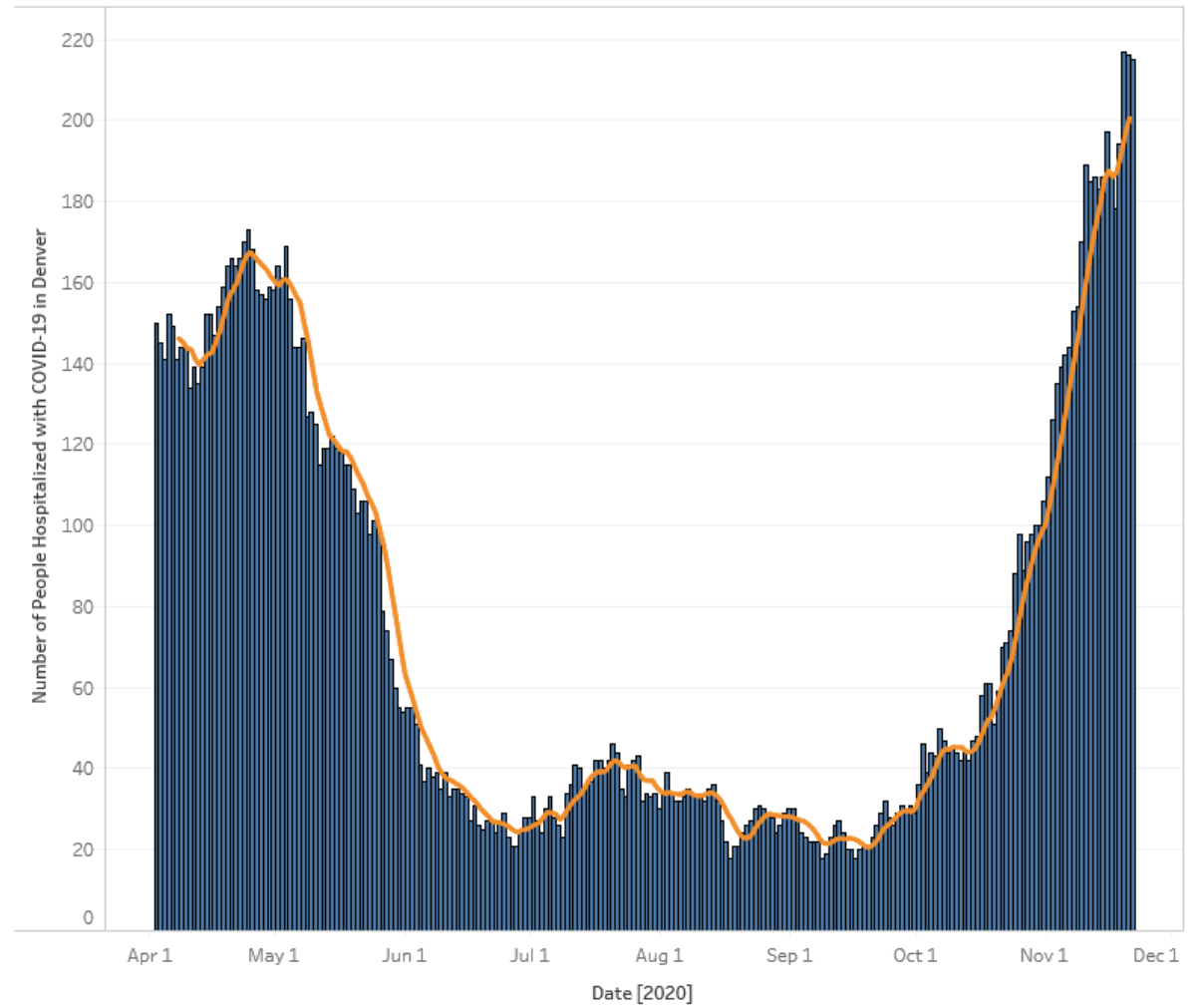


## Denver County Two-Week Cumulative Incidence Rate



## Denver County COVID-19 Hospitalization Census

- Daily Hospital Census
- 7-Day Moving Average Hospital Census



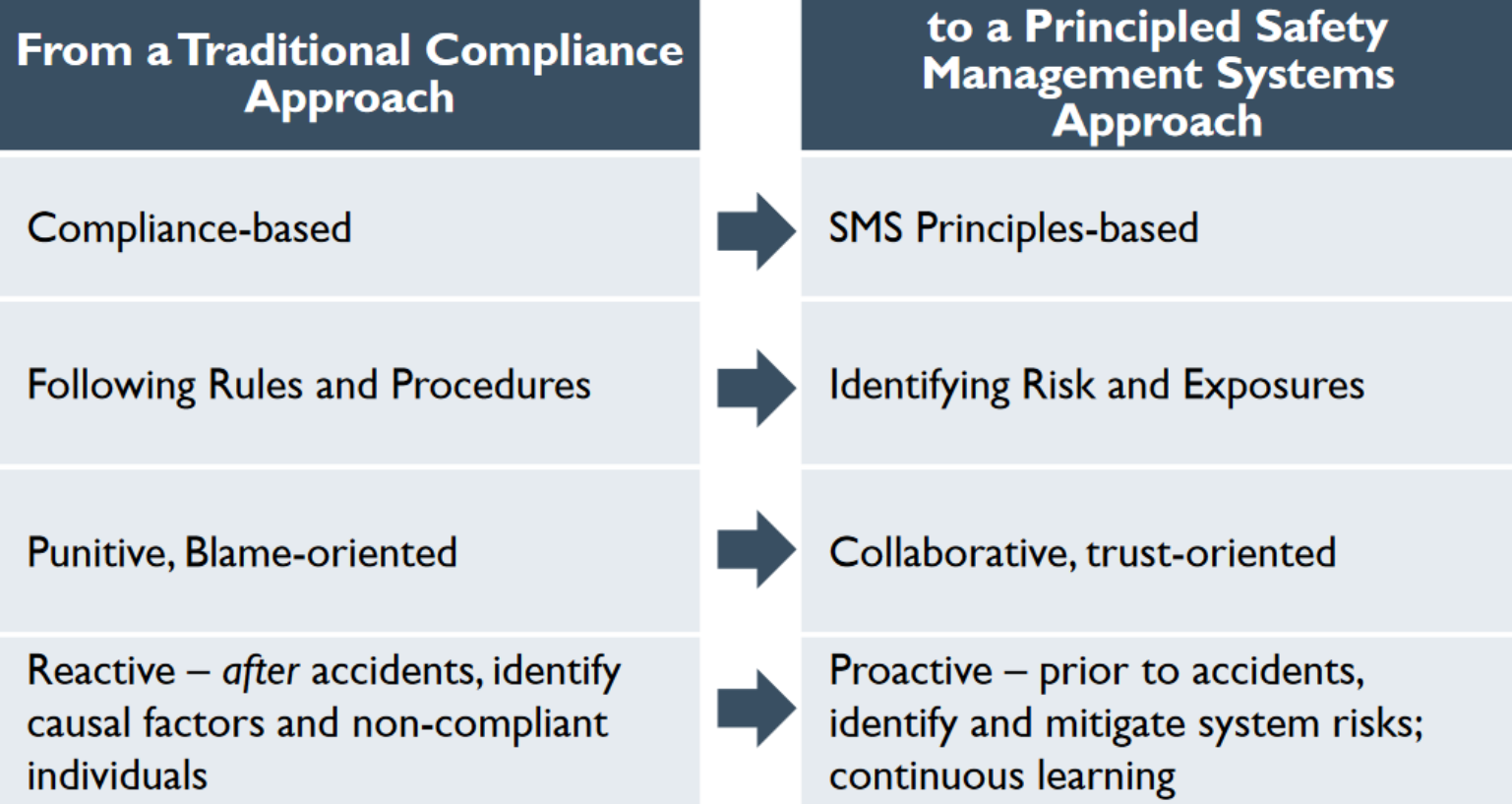
Data Source: North Central Region Healthcare Coalition (NCR HCC) EM Resource



# RTD Safety Management Systems

2020 YTD Update

# Safety in Context



# Safety Culture and SMS

- **Safety Culture:** The shared values, actions, and behaviors that demonstrate a commitment to safety over competing goals and demands.
- **SMS:** Formal, top-down, organization-wide, data-driven approach to managing safety risk and assuring the effectiveness of safety risk mitigations.

**FTA**

FEDERAL TRANSIT ADMINISTRATION

5





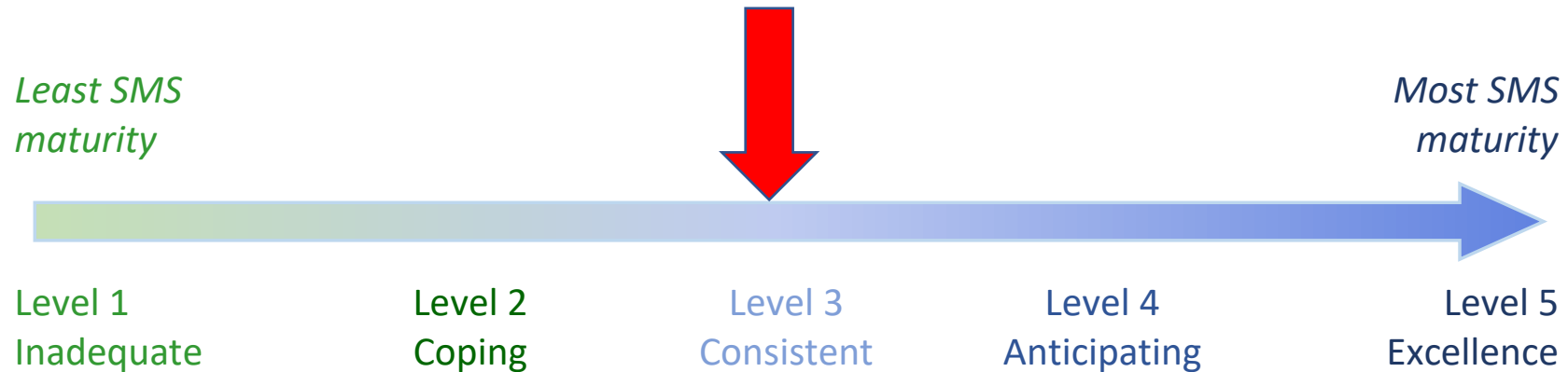
# Vision of a Consistent – Level of SMS



- Components of a Safety Management System (SMS) are in place, but there are significant deficiencies.
- Procedures and instructions to manage safety activities exist, but there are serious issues about how well understood these are.
- Individual risks are mostly controlled; however, the overall process that manages this is weak.



# Vision of a Consistent – Level of SMS



- The organization has developed a SMS to create a systematic and consistent approach to the management of safety risk.
- All SMS elements are in place and function without significant deficiencies.
- Some consideration is given to the improvement of safety culture within the organization through the development of a safety culture improvement strategy.



# RTD Board of Directors and Accountable Executive

## Roles and Responsibilities

- Ultimate Responsibility and Accountability for the implementation, maturity and maintenance of the Safety Management System of a public transit agency
- Responsible for carrying out the Transit Asset Management Plan
- Has control over the human and capital resources needed to develop and maintain both the Public Agency Safety Plan and the agency's Transit Asset Management Plan
- Makes the decisions of where those human and capital resources are spent.

Source: FTA 673 Final Rule Preamble, pg. 34430



# RTD Board of Directors and Accountable Executive

## Roles and Responsibilities

- Ask tough, curious questions around Safety and the SMS of our Senior Leadership Team and staff—Hold us accountable
- Demonstrate that Safety is Core Value
- Help reinforce a culture that includes a focus on Safety Reporting and Risk Management
- Support the General Manager/CEO (Accountable Executive) to ensure resource allocation for Safety Management System maturity
- Review, Understand and Approve the PTASP annually.
- Think like your son, daughter, mother or father works for RTD



# SMS Roadmap

Continual Improvement and Maturity Path

# SMS Roadmap—Continual Improvement

- SMS Roadmap for 2021
  - SMS Roles and Responsibilities/Clear Expectations Defined for all Levels, Board of Directors to Employees
  - Initiate SMS Risk Registry for all of RTD
  - Internal Safety Reviews (Audits) for all Modes
  - Enhanced Event investigation and Data collection
  - High Potential Event Investigations/Lessons Learned
  - Processes and Systems Developed for High-Risk work/activities
  - Reviewing Job Requirements to reduce exposures to injuries



# Public Transit Agency Safety Plan Goals for 2021

- 15% Reduction in total injuries
  - Implement OJI investigations focused on causation and prevention of reoccurrence
- 25% Reduction in Lost Time
- Maintain > 30% Record Only reports
- 25% Reduction in Slip and Fall injuries
  - Develop an awareness and prevention program
- 25% Reduction in Strains
  - Develop better methods/processes for lifting and handling baggage
  - Continue the workplace Physical Demands Evaluation team focused on reducing manual handling of loads greater than 50 lbs/utilization of mechanical means to reduce exposures

