

**Safety and  
Security Division**

# **Annual Report Fiscal Year 2019**

**Board Meeting  
July 22, 2020**

# Safety - Reportable Rail Events

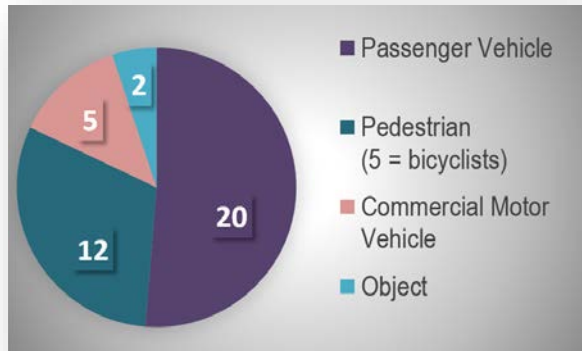
- 143 reportable events and hazards
- 10 incidents resulting in 12 severe outcomes
- No fatalities

REPORTED ITEM	COUNT	Outcomes		
		Serious or multiple injury	Fatal Injury	Property Damage (\$25,000 or more)
Hazard	90	0	0	0
Collision at RGXing	20	4	0	2
Collision w/person in ROW	12	3	0	0
Fire or use of fire supression	8	0	0	0
RTV collision w/ another RTV / NRV	5	0	0	0
Evacuation (life safety or to haz. Location)	3	0	0	0
Property damage of \$25,000 or more (only)	2	0	0	2
Derailment (yard or mainline)	2	0	0	0
Serious or multiple injury (only)	1	1	0	0
Fatal injury (only)	0	0	0	0
<b>TOTALS</b>	<b>143</b>	<b>8</b>	<b>0</b>	<b>4</b>

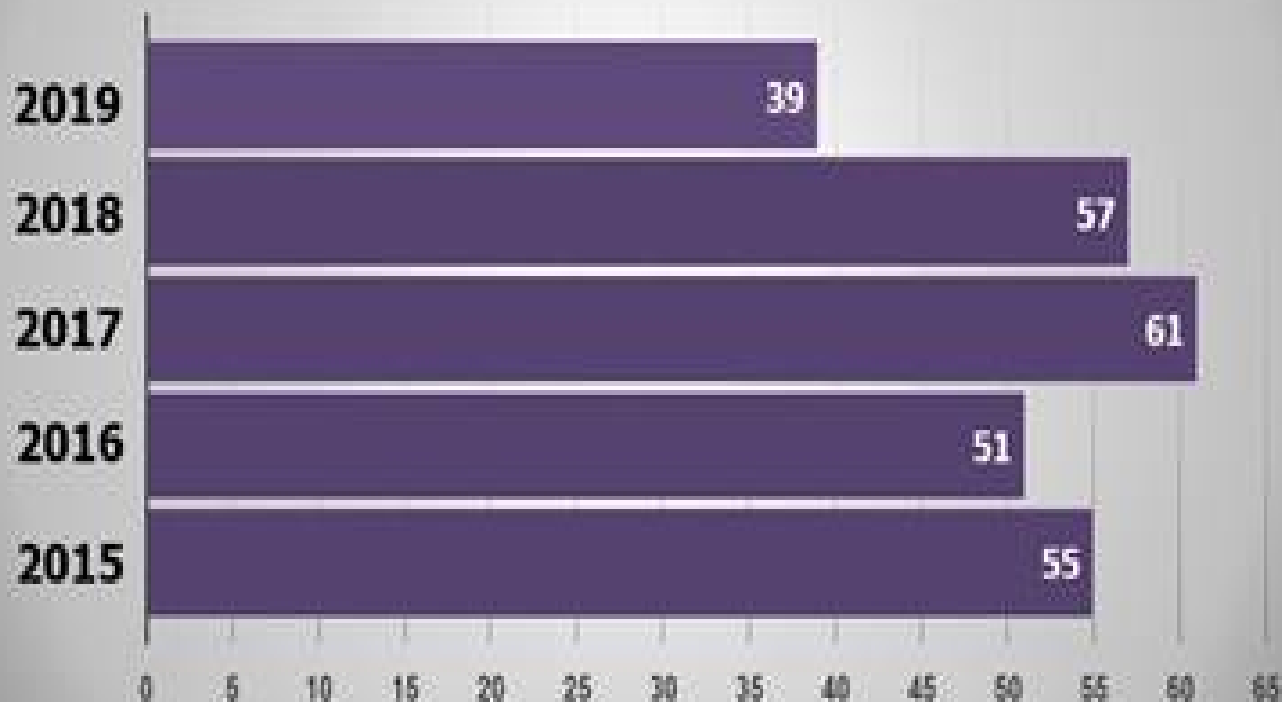
# Safety – Train Collisions

A total of 39 train Collisions

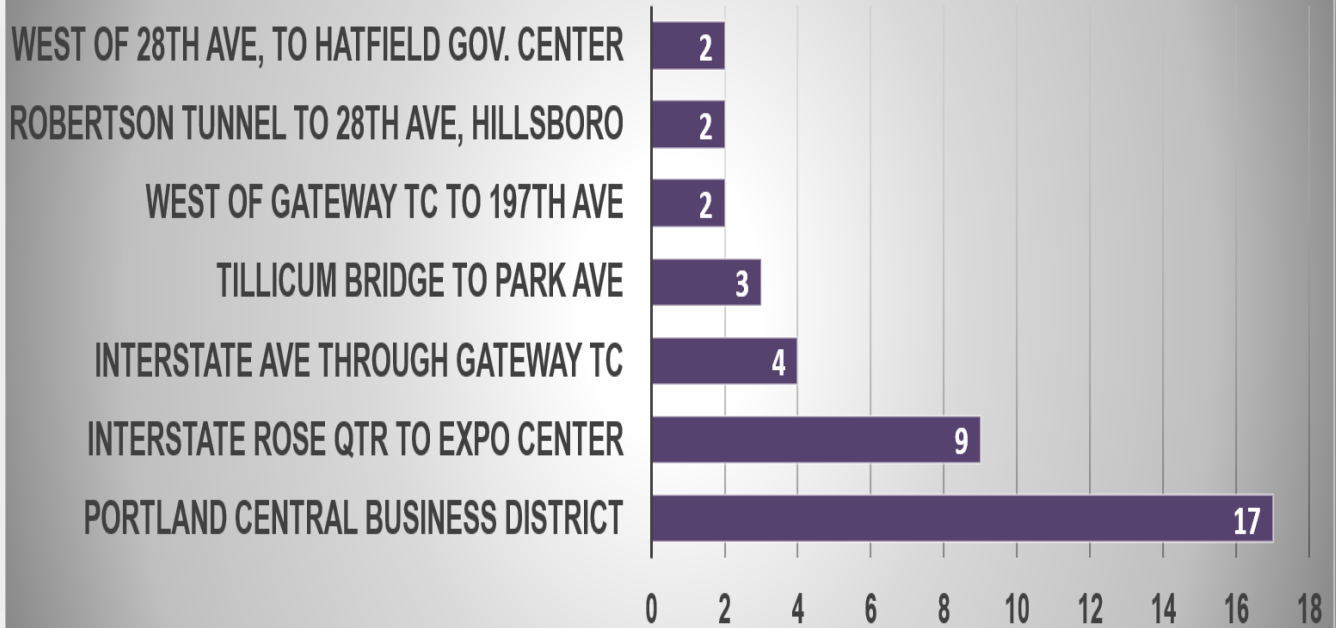
1. Involved objects, 1 resulted in \$25K - 2 incidents
2. Involved another TriMet vehicle (4 buses & 1 NRV) – 5 incidents
3. Involved a motor vehicle within a rail grade crossing (19 passenger vehicles & 1 commercial motor vehicle) – 20
4. Involved a person/bicyclist - 12 (3) were serious injury



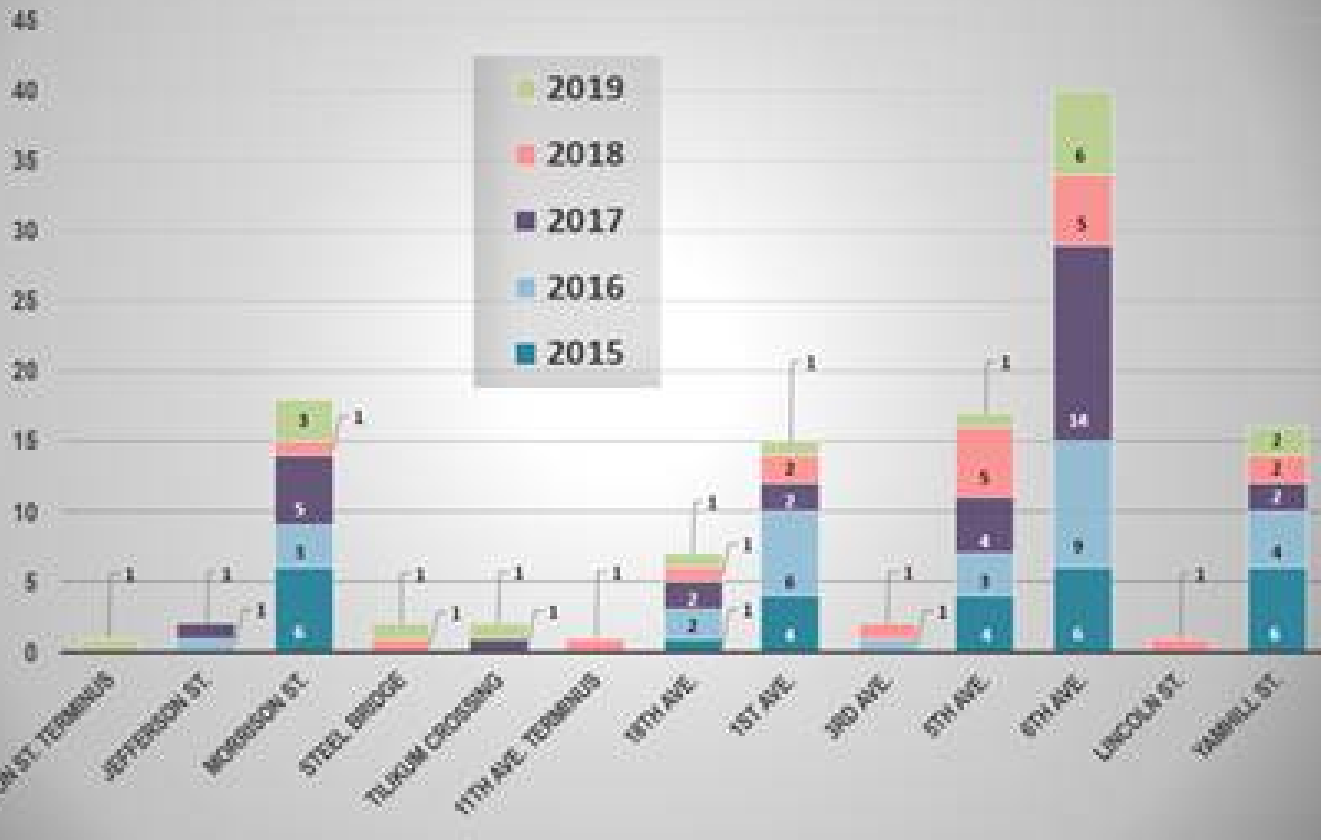
# 5-year History of Reportable Collisions



# Train Collision Locations

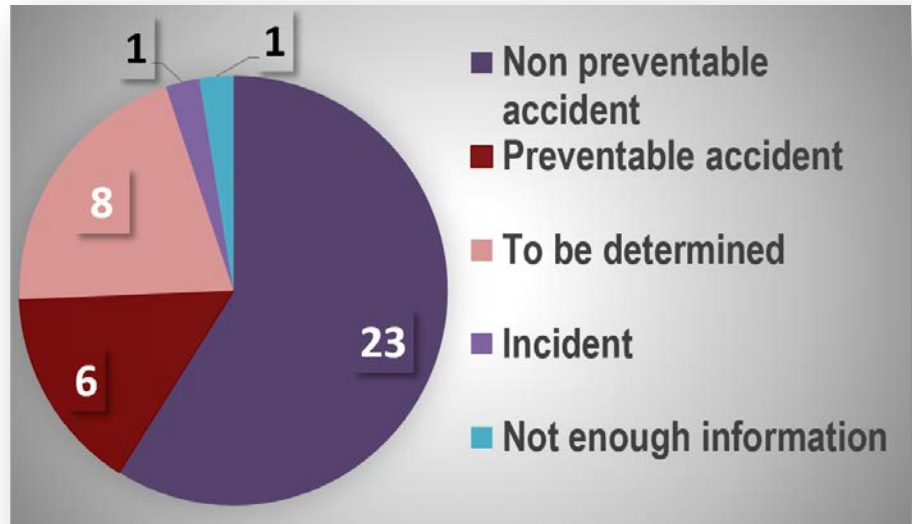


# 5-year History of Reportable PCBQ Collisions by Street



# Safety – Rail Incident Review Board

- Examines train accidents & incidents to make determinations if the accident was preventable
- Majority of collisions, the rail operator could not have avoided the collision.



# Safety RPSE

**Rail Pedestrian Safety Enhancement updates (RPSE)**

**RPSE projects at 10<sup>th</sup>/WA, Baseline, and 158th/Merlo (west side):**

- 1. Achieved substantial completion on 6/29/20**
- 2. A punch list is being assembled**
- 3. ODOT final inspection being coordinated**
- 4. Final completion scheduled for 7/6/20**

**\*See Notes for additional background**



# Safety and Security New Initiatives 2021

- At-grade crossing study and risk ranking modeling and methodology efforts continue into FY 21.
- Crash Advisory Committee
- Safety Management System
- Adoption and implementation of the Public Transit Agency Safety Plan (PTASP) and Safety Management System
- Community listening sessions followed by new Public Safety Initiatives

# Security Program

- Transit Police Division
- Unarmed Security Personnel
- Code Compliance Program
- Emergency Management
  - Training Drills and Exercises
- Physical Infrastructure Protection Systems
- Crime Prevention Through Environmental Design

# 2019 Fare Evasion Survey

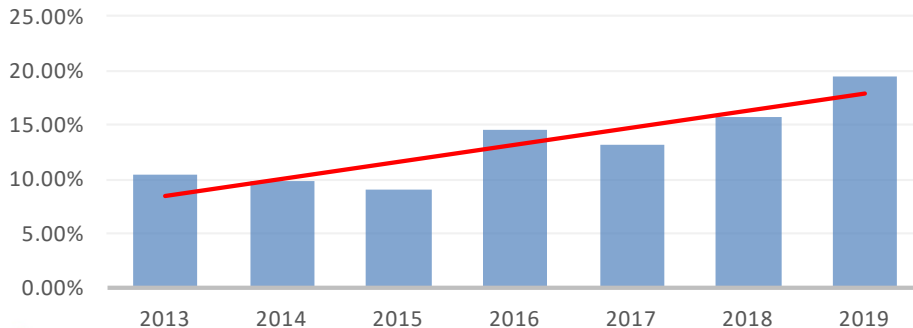
## 10,782 Riders Surveyed

Valid Fare	80.5
No Fare	18.2
Incorrect Fare	1.3

## Compliance

- 80.5% comply with paying fare

## Historical Compliance of No or Incorrect Fare



# Reason Cited for No or Invalid Fare



- 62% of those surveyed without valid fare indicated they either did not tap, forgot to tap, or took a chance.
- 2% indicated they could not afford fare.

# 2019 Proof of Payment Activity

Warnings Issued	3376
Fare Citations Issued	15570

## Administrative Resolution Outcomes

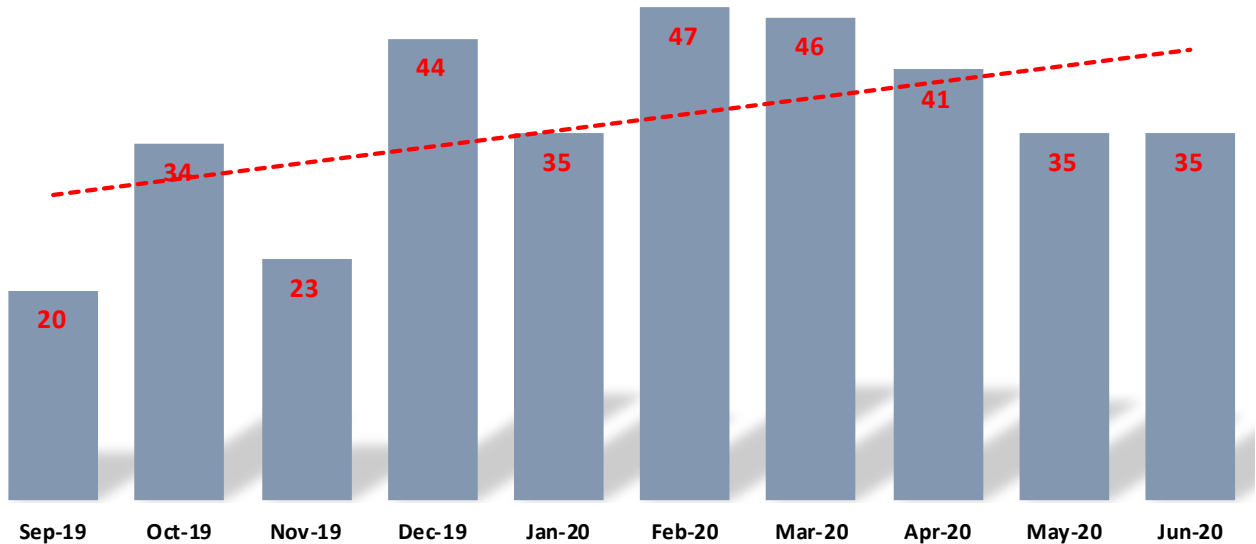
Honored Citizen Enrollment	113
Community Service	296
Transit Assistant Program Enrollment	421
Reduced Fine	1959
Appeal (Fix it Ticket)	725

**3,514 Citations resolved through Administrative Options**

# Security Incidents 2019-2020

Assaults on Employees, Supervisors, and Contractors

## Total Number of Employee Assaults



# Other Security Initiatives for FY 21

## Focus on Behavior Change

- Data reflects a majority of those surveyed with out valid fare took a chance or failed to tap or validate fare.
- Reduce Operator Assaults.
- Increase rider perception of safety of the system.

## New Staff

- 8 New Proof of Payment and code of conduct staff.

## New Proof of Payment Model

- Increased early morning and late night coverage.
- Blended Security model with Community Outreach workers.

## Expanded Annual Training and Recertification for Security and Front Line Staff

- De-Escalation
- Cultural Competency
- Behavioral and Mental Health

Questions?