

Safety Department

Annual update

Board of Directors

06/22/23

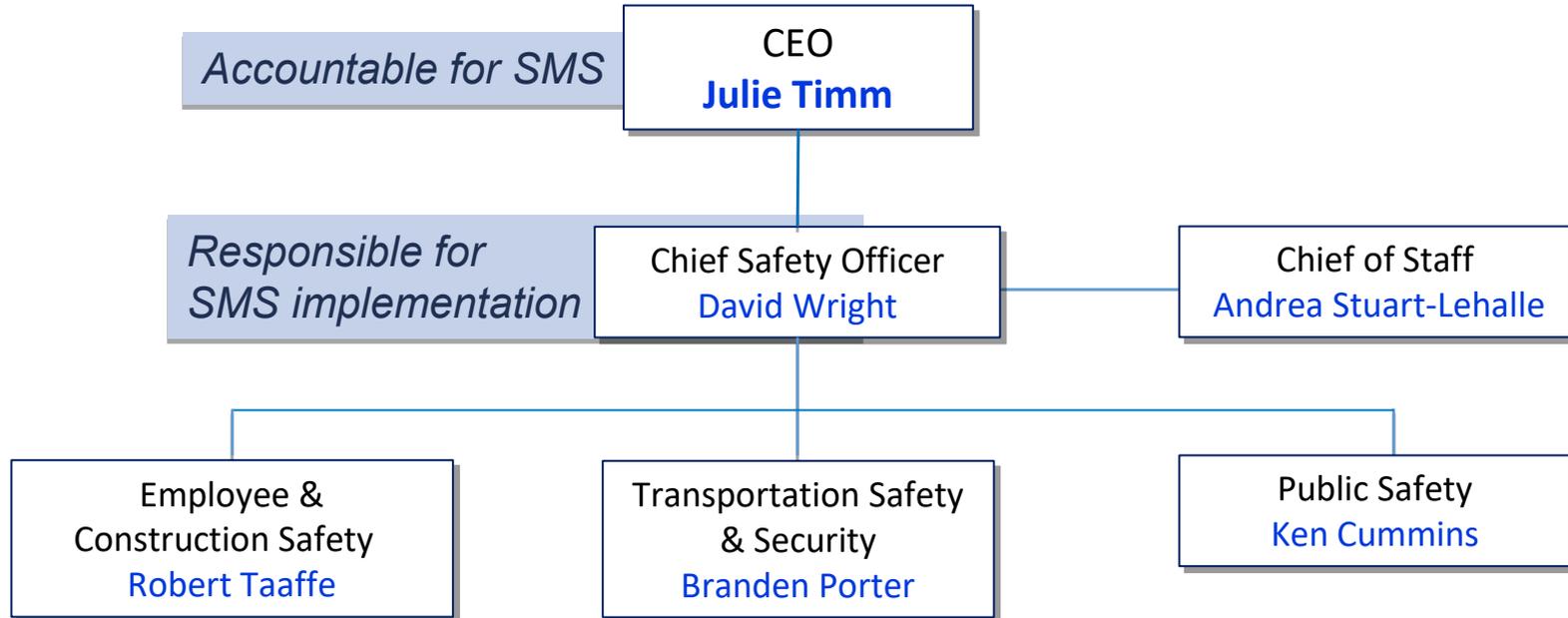


Today we'll review

- *Sound Transit's Safety Management System*
- *Safety program highlights*
- *Safety culture*

Note: No Board action needed for the information described today.

Safety Department structure & divisions





***Sound Transit's
Safety Management System
(SMS)***

Sound Transit's SMS

How data informs our work

- *Visibility to our risks*
- *Hazard management*
- *Safety assurance*



A person wearing a dark uniform with 'TRANSIT SECURITY' printed in large, light-colored letters on the back. The person is seen from behind, and a blue semi-transparent overlay covers the entire image. The text 'Project and program highlights' is overlaid in white, italicized font.

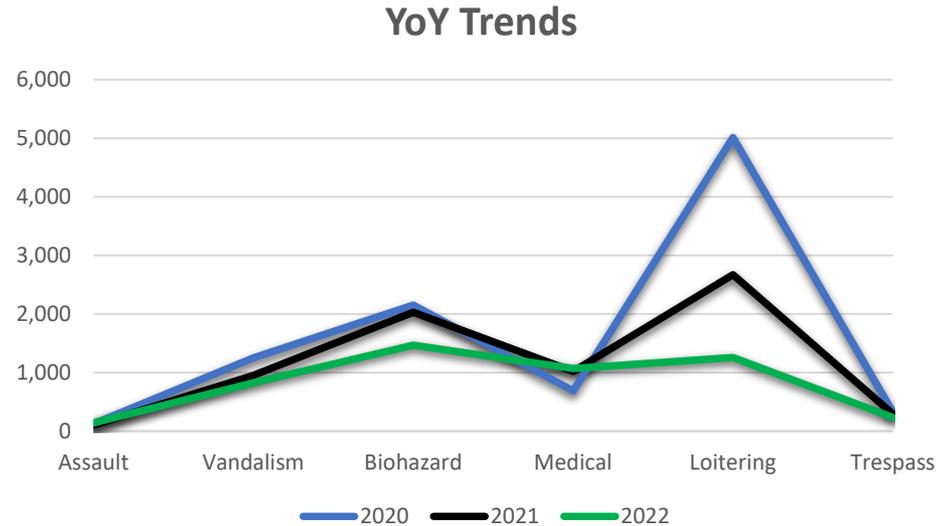
*Project and program
highlights*

Public Safety

Security incidents

	2020	2021	2022
Assault	126	104	142
Vandalism	1,253	952	830
Biohazard	2,151	2,031	1,469
Medical	692	1,018	1,073
Loitering	5,013	2,673	1,260
Trespass	331	296	238

** Red background indicates increase over 2021*

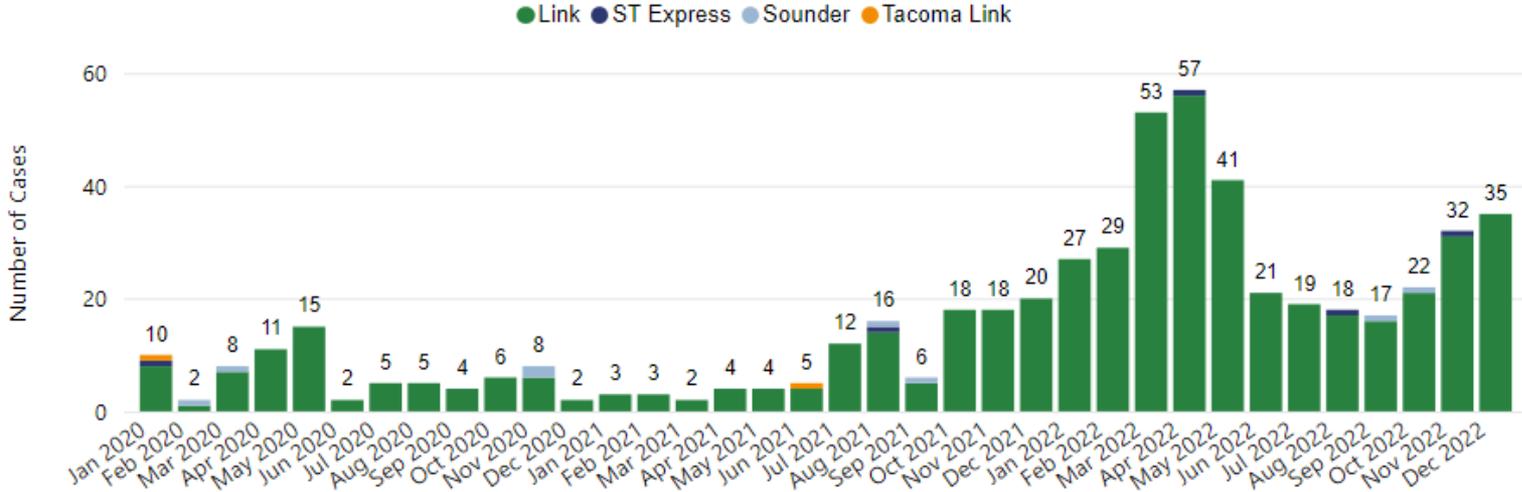


Public Safety

Security complaints

8 complaints per month (2020-2021)
31 complaints per month (2022)

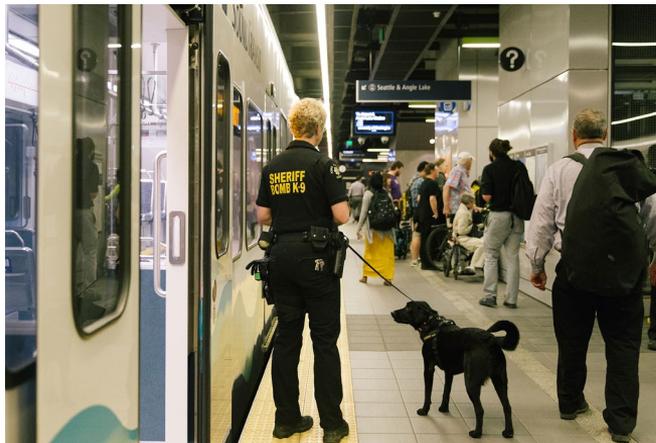
Monthly Total Cases



Public Safety

Highlights and risks

- **Security Contract Transition**
- **New Programs with FAST and SOC**
- **Finding new ways to increase visibility**
- **Crisis outreach team pilot**
- **Fentanyl overdoses**



Transportation Safety and Security

Hazard Matrix

ST Risk Assessment Matrix		SEVERITY				
		1. Catastrophic	2. Critical	3. Major	4. Marginal	5. Negligible
PROBABILITY	A. Frequent	High (1A)	High (2A)	High(3A)	Serious (4A)	Medium (5A)
	B. Probable	High (1B)	High (2B)	Serious (3B)	Serious (4B)	Medium (5B)
	C. Occasional	High (1C)	Serious (2C)	Serious (3C)	Medium (4C)	Low (5C)
	D. Remote	Serious (1D)	Medium (2D)	Medium (3D)	Low (4D)	Low (5D)
	E. Improbable	Medium (1E)	Medium (2E)	Low (3E)	Low (4E)	Low (5E)
	F. Eliminated	Eliminated				

Certifiable Item Example

Title	Hazard Description	Effect	Initial Rating	Proposed Mitigations	Residual Rating
DC Feeder System	Unsafe touch potential between DC breaker cubicle and TPSS structure .	a) Electrical shock. b) Severe injury. c) Electrocutation.	2C	DESIGN/CONSTRUCTION 1. Use protective grounding scheme to reduce fault current. 2. Provide warning signs. 3. If high resistance protection is used, isolate any touch potential around cubicle. OPERATIONS 4. Adhere to lock out tag out procedures; review and follow 205.07 Machine/Equipment Lockout/Tag out Procedure (LOTO). 5. Perform periodic inspection and testing.	2D

Transportation Safety and Security

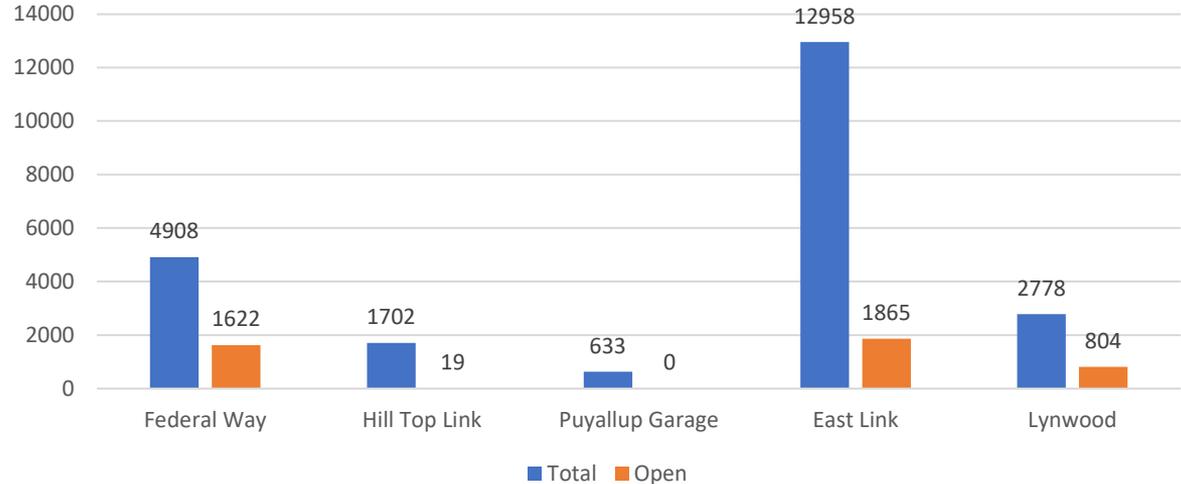
Through Q2 2023

- **Federal Way (67%)**
- **Hilltop Link (98.9%)**
- **Puyallup Garage (100%)**
- **East Link (85.6%)**
- **Lynnwood (71%)**

Design Phase

- **BRT**
- **West Seattle - Ballard**
- **Souder garages**

Safety and Security Certifiable Items to Close Per Project



Transportation Safety and Security

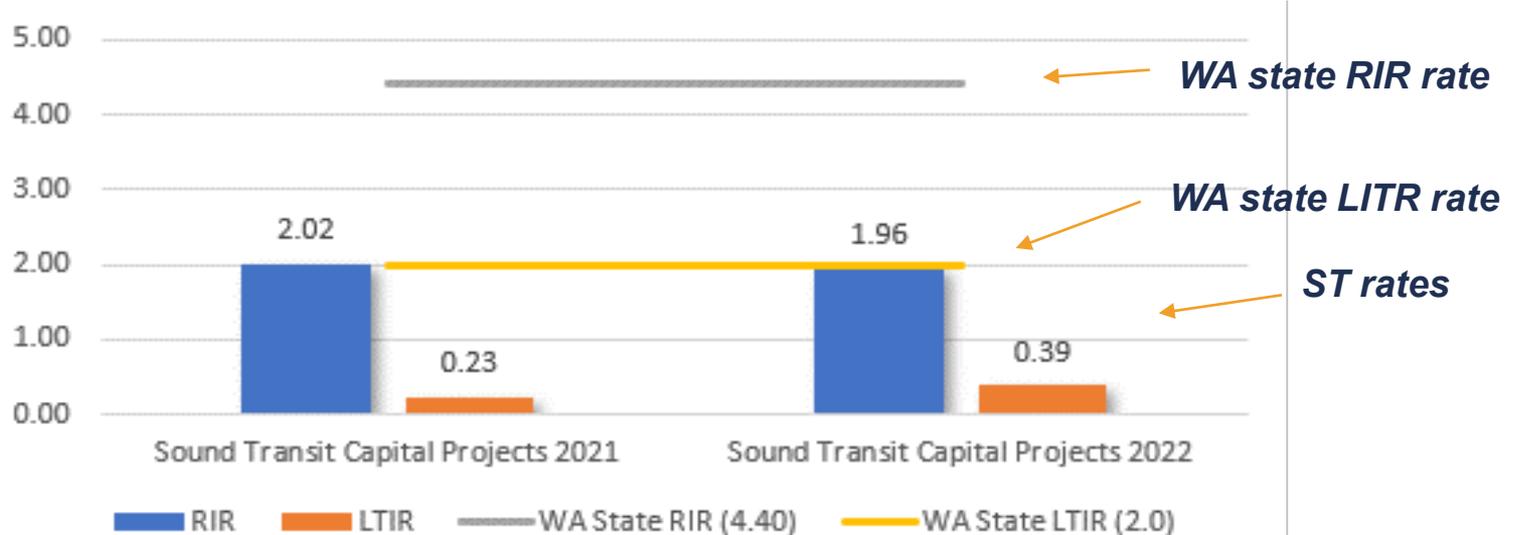
Three-year collision comparative

(Service)	2020		2021		2022	
	Pedestrian	Vehicle	Pedestrian	Vehicle	Pedestrian	Vehicle
Link	3	4	3	14	5	12
TLink	0	0	2	2	1	1
ST Express	4	10	4	16	2	16
Souder	4	1	2	0	3	0

Construction and Employee Safety Data

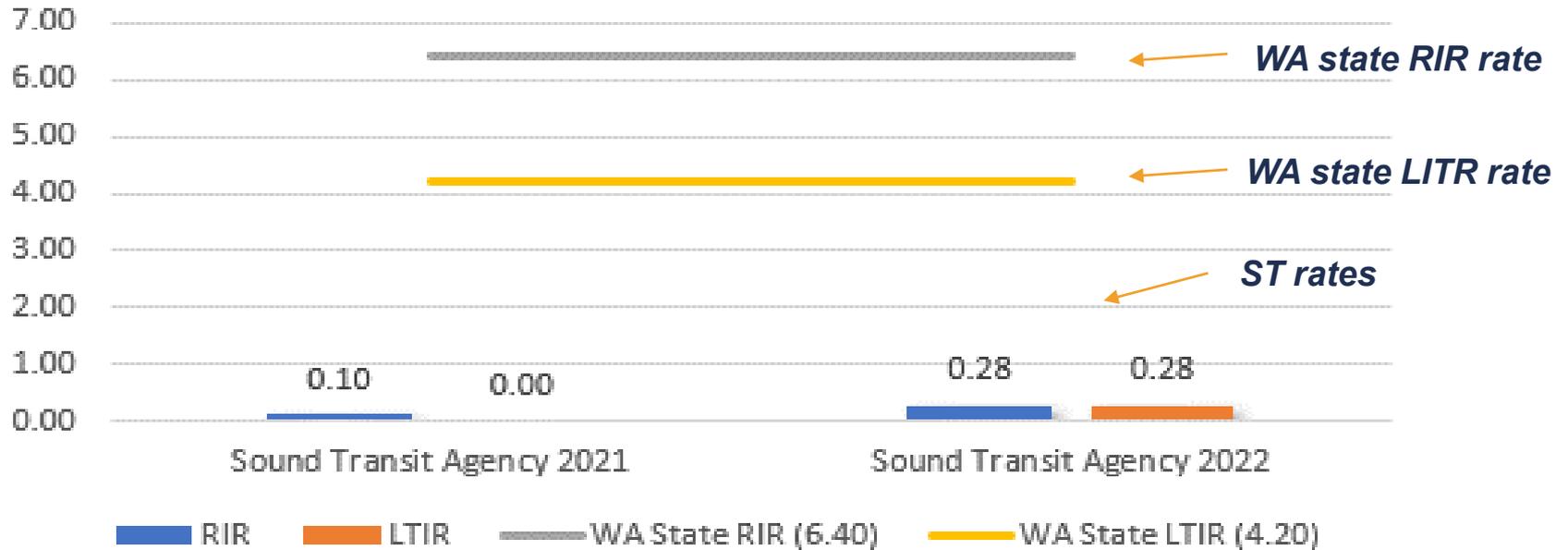
4,077,255 Capital Project Labor Hours documented in 2022

Sound Transit Recordable injury and lost time injury rates 2021-2022



Construction and Employee Safety Data

Sound Transit Recordable injury and lost time injury rates 2021-2022



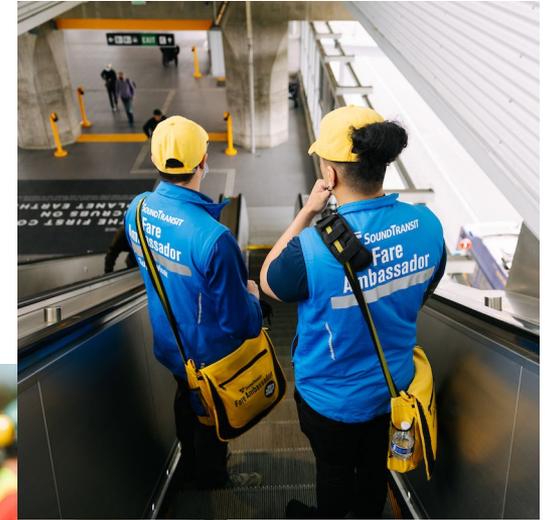
Transit Air Quality Study

- *UW Occupational Health researchers*
- *Five agencies participating: Pierce, Snohomish, ST, KC Metro, Tri-Met*
- *Analysis will correlate potential health effects*
- *Goal to improve air filtration*



Employee Health and Safety

- *Employee Reported Safety Concerns*
- *Fare and Staff Ambassador Health and Safety*
- *2022 Employee Injuries*



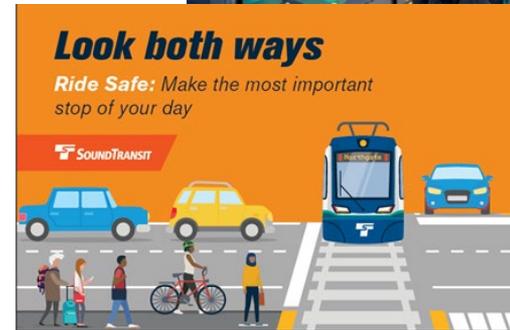


Safety culture

Safety culture

Safety promotion activities

- *Safety Culture Survey (annual)*
- *Safety Month activities (June)*
- *SAFE Spot newsletter*
- *Rail Safety Week*
- *Hilltop Tacoma Safety Engagement*
- *Daily Safety messages*
- *Weekly Safety walks*
- *Close SDOT, KCM coordination*



Annual Safety Culture Survey

Areas of focus

- *Engagement*
- *Prepared, equipped and trained*
- *Effective, accountable and transparent*
- *Collaborative and respectful*

Improvements planned

- *Psychological safety program*
- *Enhanced on-campus security support*
- *Enhanced drill and exercise program*
- *Additional HR employee support*

301 responses
10 departments

**Average
score of
4.3/5**

Thank you.



 [soundtransit.org](https://www.soundtransit.org)

