

# FY25 Q2 Service Excellence Report

Safety and Operations Committee



# Service Excellence, a strategic goal from Your Metro, the Way Forward

Focus today



### Service excellence

Deliver safe, reliable, convenient, equitable, accessible, and enjoyable service for customers.



### Talented teams

Attract, develop, and retain top talent where individuals feel valued, supported, and proud of their contribution.



### Regional opportunity & partnership

Design transit service to move more people and equitably connect a growing region.



### Sustainability

Manage resources responsibly to achieve a sustainable operating, capital, and environmental model.



## Objectives of Service Excellence Goal

**Safety & security** | Ensure all customers and employees feel safe and secure using and delivering services

**Reliability** | Provide dependable service that the community trusts

**Convenience** | Deliver frequent and accessible service that modernizes and enhances the customer experience

## Highlights

- Customer satisfaction remains high on rail and decreased on bus and MetroAccess
- Ridership grew 10% in first six months of FY25, marking 45 consecutive months of growth
- Serious crime across the bus and rail system is down over 40% compared to FY24 Q1-Q2
- Service reliability remains an area of focus, with some initial benefits seen from rail automation
- Bus and rail real-time prediction accuracy improved



Metro met or trended in the right direction for **16 of its Service Excellence KPIs** in FY25 Q1-Q2

Metric	Result	Right trend? Q2 vs. Q1	Featured	Metric	Result	Right trend? Q2 vs. Q1	Featured
Goal 1: Service excellence				Objective 1B: Reliability			
Customer satisfaction				On-time performance			
Metrorail	● 89%		+	Metrorail	● 87.5%	✓	+
Metrobus	● 75%		+	Metrobus	● 75.5%		+
MetroAccess	● 71%		+	MetroAccess	● 87.7%		+
Objective 1A: Safety and security				Percent of scheduled service delivered			
Part 1 crime rate	● 4.4	✓	+	Metrorail	● 97.8%	✓	
Transit worker assault rate	● 47.5			Metrobus	● 97.8%		+
Customer dissatisfaction: safety from crime				MetroAccess	● 97.5%		+
Metrorail	● 7%			Percent of Metrorail planned service delivered			
Metrobus	● 13%				● 89.9%	✓	
Customer injury rate				Elevator Availability			
Employee injury rate	● 27.6				● 98.4%		
Crowding				Escalator Availability			
Metrorail	● 0.8%	✓			● 94.8%		
Metrobus	● 3.3%			Objective 1C: Convenience			
				Accuracy of real-time arrival information			
				Metrorail	● 97.7%	✓	+
				Metrobus	● 89.3%	✓	+
				Availability of real-time bus arrival information			
					● 93.0%	✓	+
				Customer satisfaction: cleanliness			
				Metrorail	● 73%	✓	
				Metrobus	● 63%		
				Last-mile connectivity / bicycle access			
					● 1.4% (2022)		



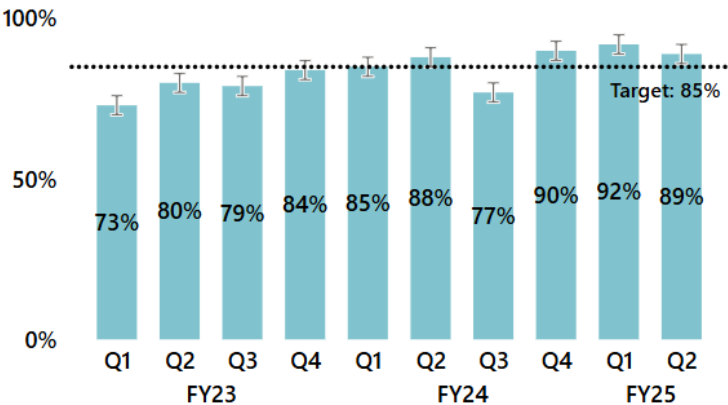


# Customer Satisfaction

# Customer satisfaction exceeded or met target for Metrobus and Metrorail, but fell short for MetroAccess

## ● Metrorail

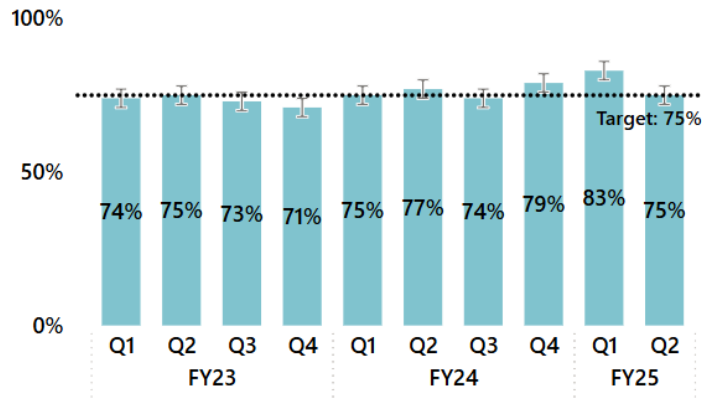
89% in Q1, exceeding target of no less than 85%



- Q2 results for Metrorail exceeded the target
- Decrease from last quarter not statistically significant
- Compared to Q1, significantly more customers felt safe on trains from accidents/injuries and crime/harassment
- Top factors that would encourage customers to ride more often: more frequent service, lower fare prices, increased in-office days, and fewer people misbehaving in the system

## ● Metrobus

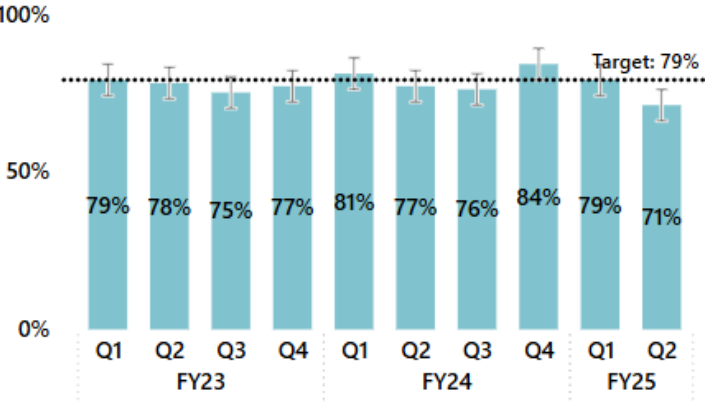
75% in Q1, meeting target of no less than 75%



- Q2 results for Metrobus met target
- Customer satisfaction decreased from last quarter, but similar to FY25 Q2
- Compared to Q1, dissatisfaction with bus cleanliness increased
- Most frequent suggestions for improvement: improve reliability, more frequent weekend service, and more visible police presence

## ● MetroAccess

71% in Q2, missing target of no less than 79%

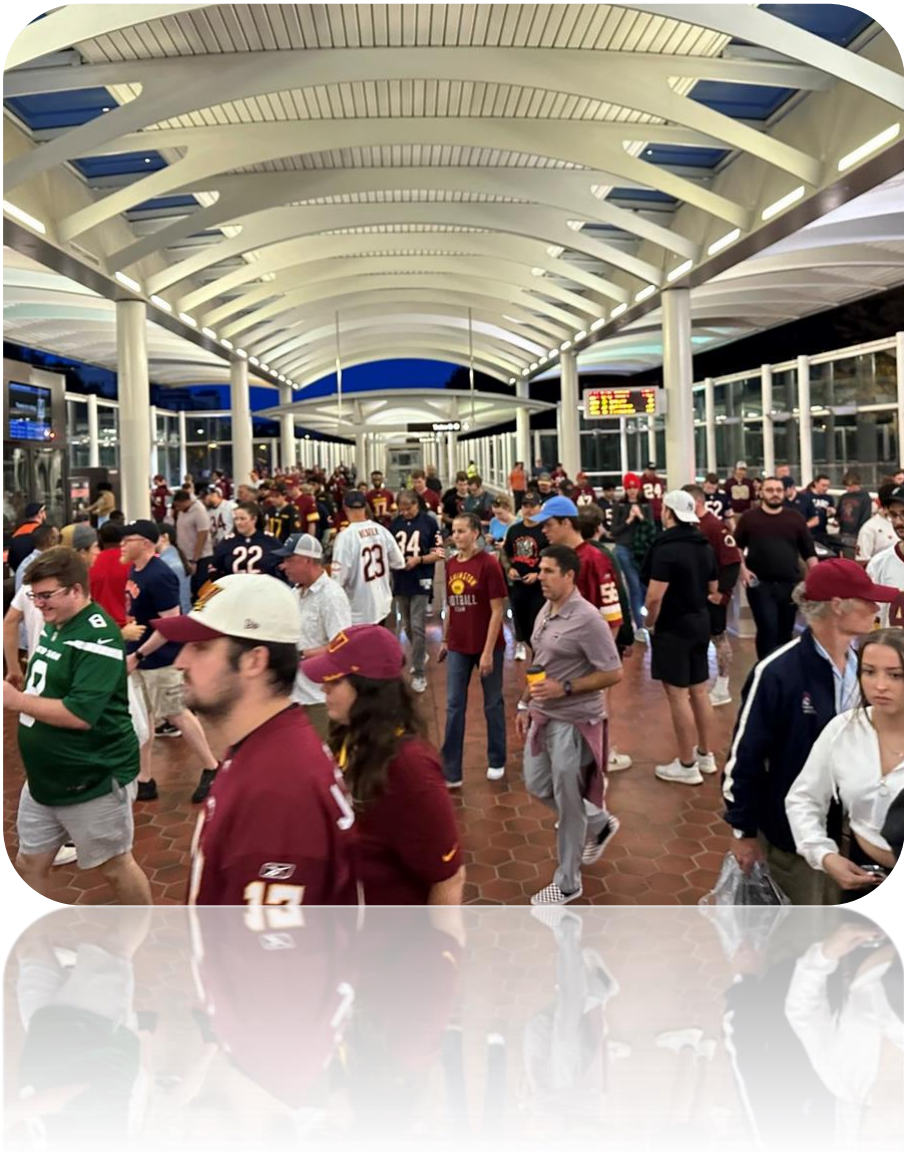


- Q2 results for MetroAccess missed target
- Decrease in customer satisfaction driven by an increase in late trips and a decrease in the quality of service provided by dispatch
- Over 80% of customers said it was easy to make a reservation and over 90% felt safe during their trip





# Ridership

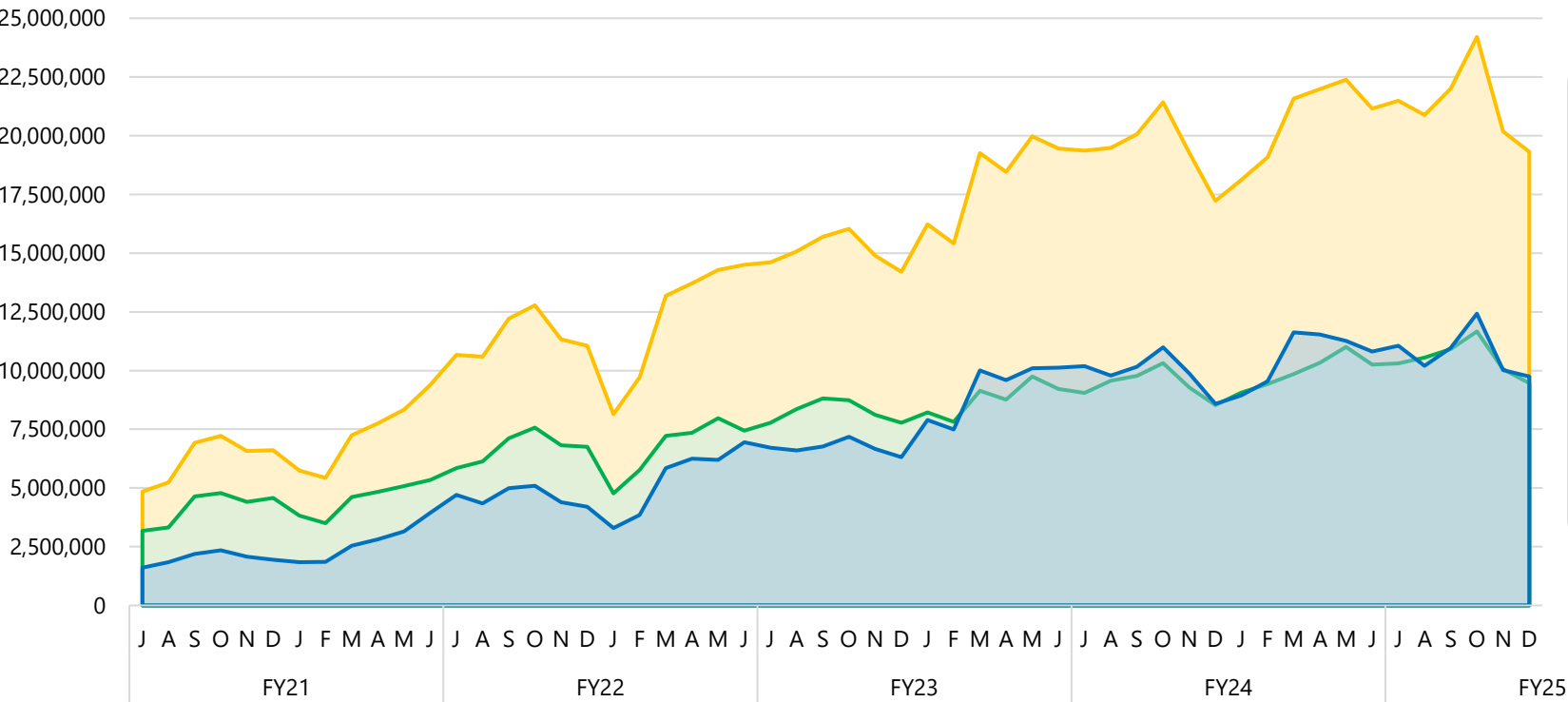


# December marks 45 consecutive months of year-over-year ridership growth

October had strongest weekday ridership in the past four years

- 880,000 average combined trips on bus and rail
- Over 78,000 average combined trips from the peak hour (8am) alone

All ridership | Rail | Bus | Access



**128.1 million trips through Q2**  
**10% higher** than Q1-Q2 FY24  
**801,000** average weekday trips

**64.4 million trips on rail**  
**8% higher** than Q1-Q2 FY24  
**402,000** average weekday trips

**63.0 million trips on bus**  
**10% higher** than Q1-Q2 FY24  
**395,000** average weekday trips

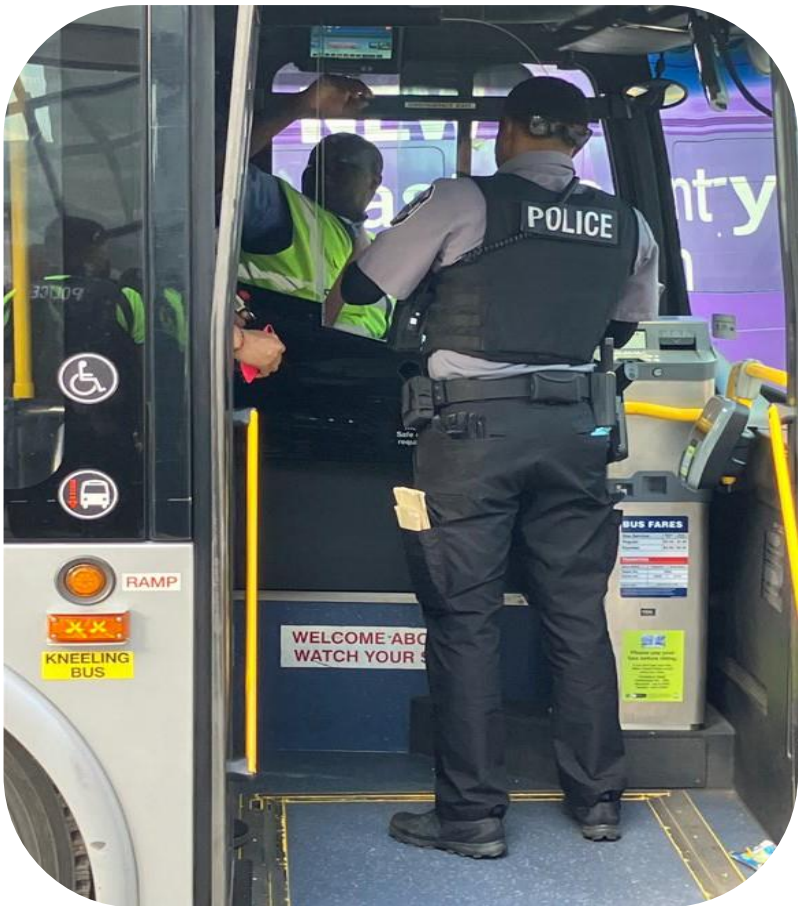
**0.6 million trips on MetroAccess**  
**22% lower** than Q1-Q2 FY24  
**3,700** average weekday trips

Note: As of January 2023, Metrorail ridership reports all (tap and non-tap) ridership. Additionally, MetroAccess is included in Total Ridership, but is too small to be seen as its own line on the chart





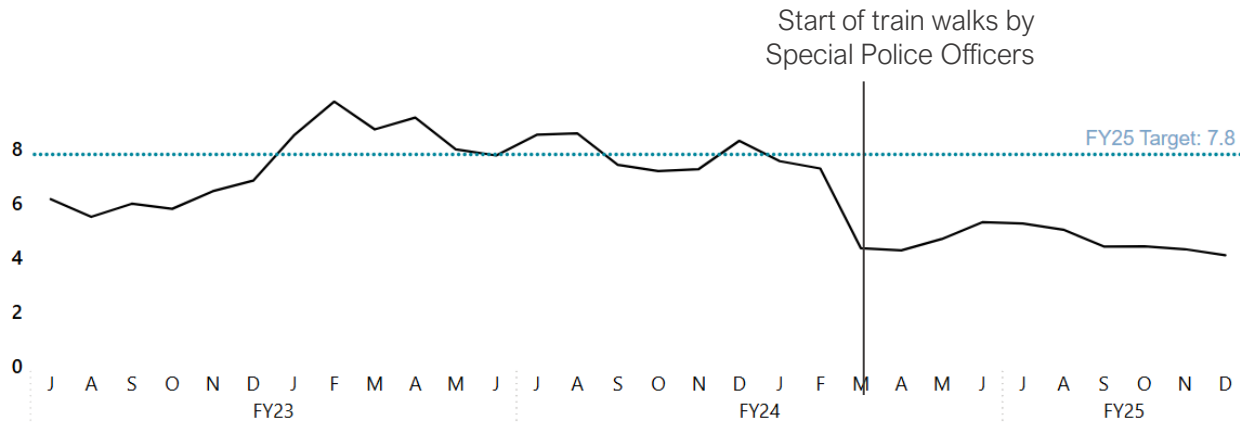
# Safety and Security



## Part 1 Crime down over 40% compared to FY24 Q1-Q2, lowest rate since FY2019

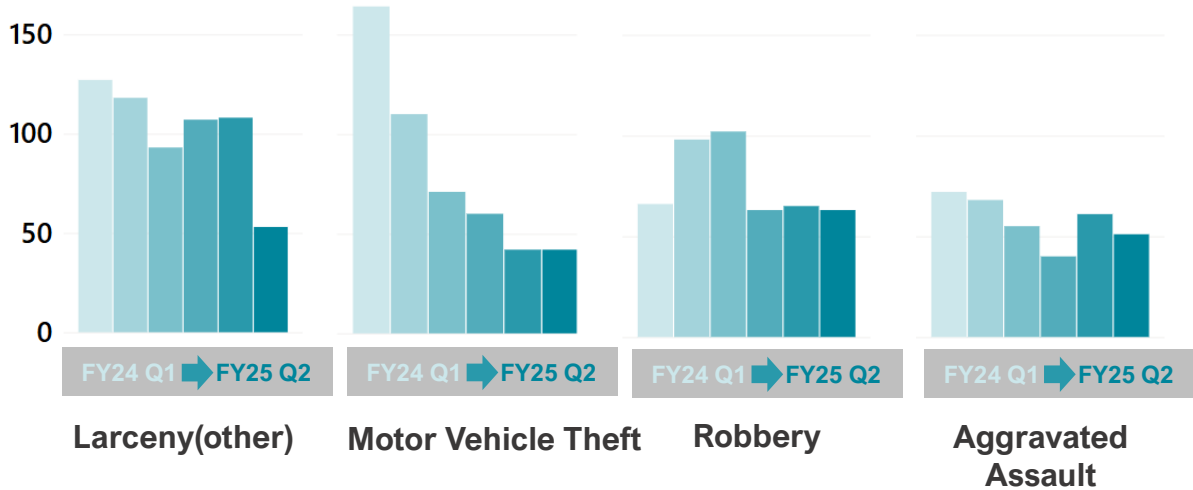
### ● Part 1 Crime | All Modes

4.4 Part 1 Crimes per 1 million customers, meeting target of no more than 7.8



- Problem-Oriented Policing continued with high visibility deployment in five parking garages
- Partnerships with six local agencies supplement staffing
- Held over 370 community and youth events

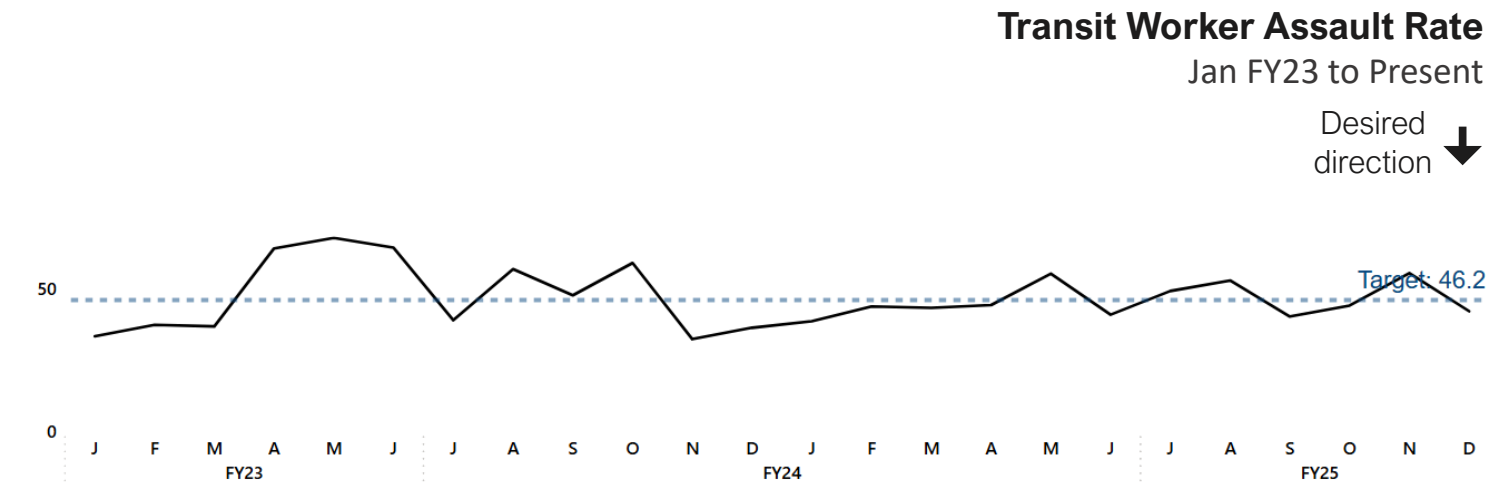
### Top four Part 1 Crime types by count, FY24 to FY25 Q2



- First 2 weeks of December: 2,400+ buses checked, 750+ evasion citations, 1610+ deterred evasions, three weapons seized
- 23% increase in fare enforcements: 4,900 in Q2, up from 3,980 in Q1

# Transit worker assaults was just above target at 47.5 assaults per 10M revenue miles

- **Transit Worker Assault Rate**  
47.5 assaults per 10M revenue miles, missing target of no more than 46.2
  - 354 Assaults FYTD25:
    - 81% (288) physical, 19% (66) non-physical
    - 91% (321) involved employees, 9% (33) contractors
  - Crisis Intervention Team (CIT) members had 6,333 contacts with the public in Q2, with over 12,900 engagements in FYTD25
  - Testing designs for fully enclosed bus operator safety barriers from two manufacturers, with additional buses with fully enclosed barriers to go into service in February 2025
  - In CY2024, MTPD found evidence leading to an arrest or other resolution in 67% of assault cases, better than the national average of 42%



Note: The Transit Worker Assault rate follows the definitions in the Federal Transit Administration National Public Transportation Safety Plan, and that definition changed significantly for FY25. Transit Workers include employees, contractors and volunteers working on behalf of the agency. Assaults can be physical or non-physical (e.g., verbal) and do not have to result in an injury.



# Reliability



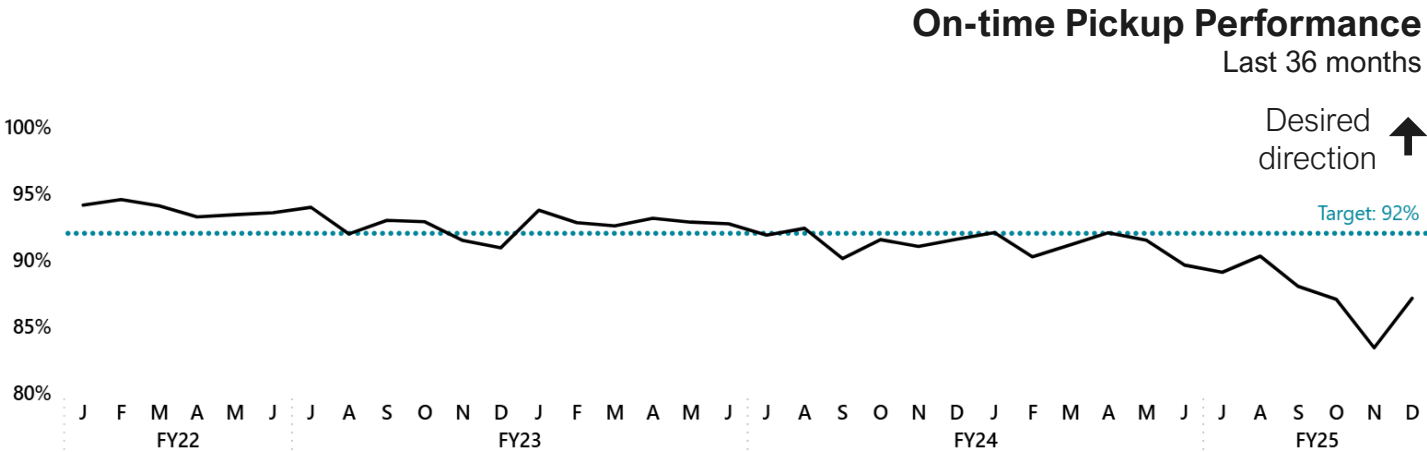


# Access OTP Missed Target While Transitioning to Only One Contractor

## ● On-time Pickup Performance | Access

87.7% of on-time pick-ups, missing target of no less than 92.0%

- OTP dipped as operations were transitioned from three contractors at five garages to one contractor at three garages in an effort to be more cost-effective
- Key actions to improve:
  - Opened new garage location in Montgomery County
  - Adding one additional service delivery contractor



57% of trips booked with MetroAccess were assigned to Abilities-Ride, a paratransit alternative that allows customers to enjoy discounted fares

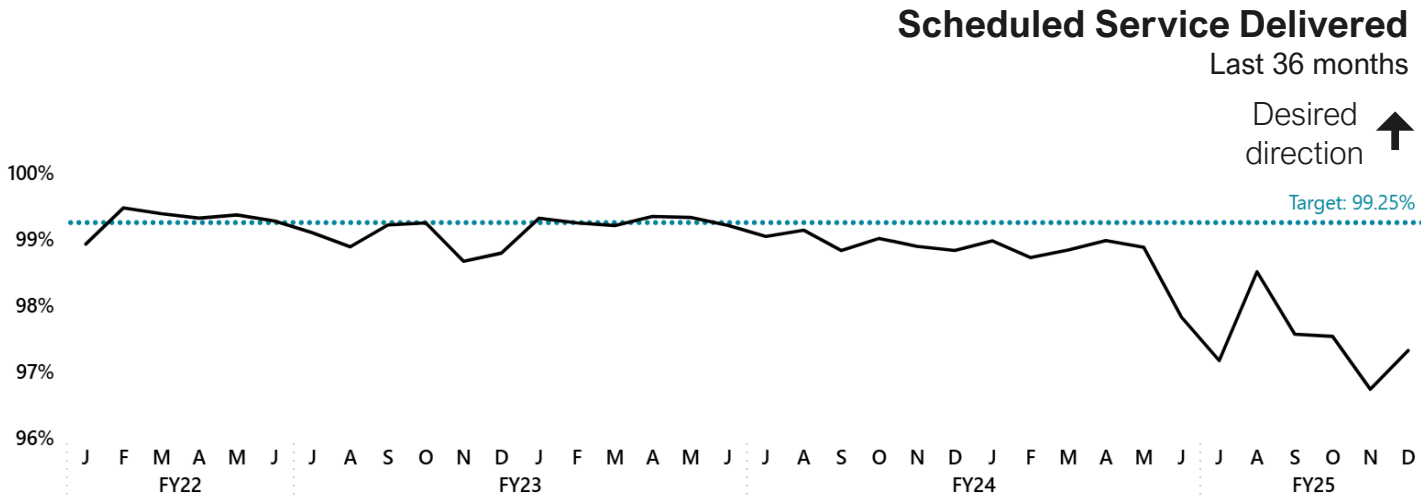




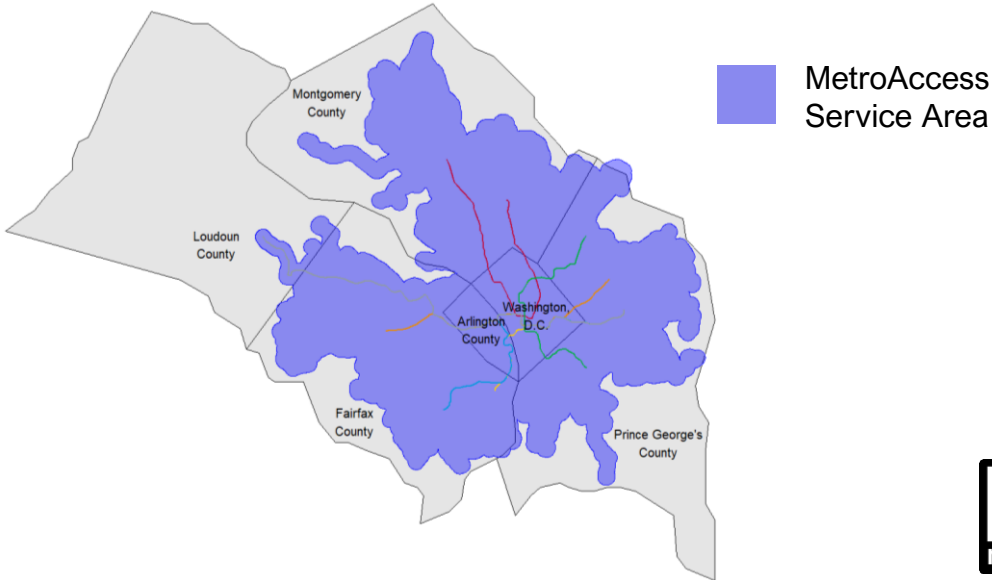
# Access Delivers Over 2,500 Trips per Day on Dedicated Service and Misses Fewer Than 70

**Scheduled Service Delivered | Access**  
97.51% of scheduled service delivered, missing target of no less than 99.25%

- 91% of missed trips caused by a customer not taking a ride that arrived too late after the pick-up window
- 9% of missed trips caused by the driver not waiting long enough for the customer
- FY25 performance saw a drop due to business model transitions

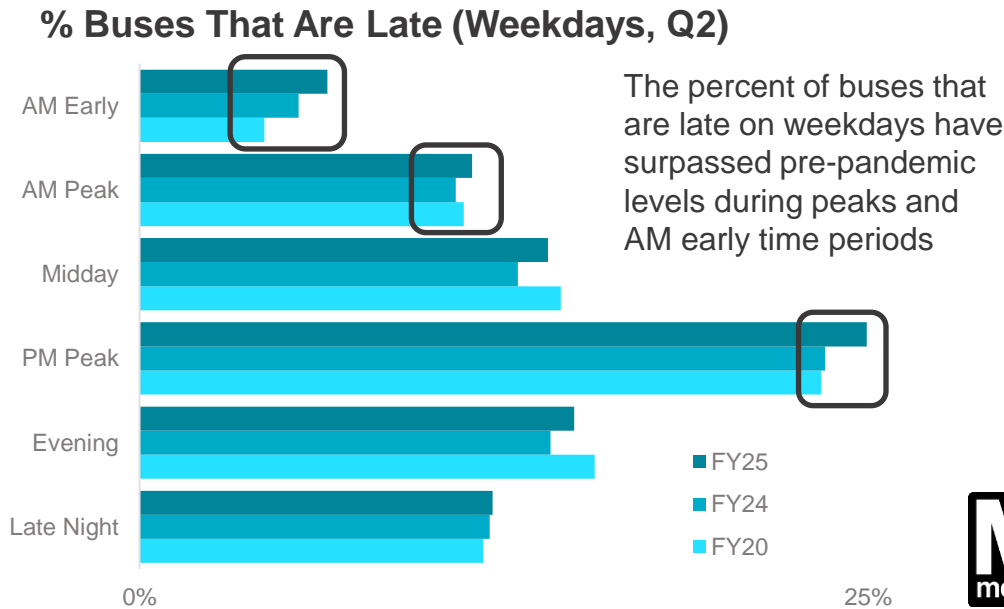
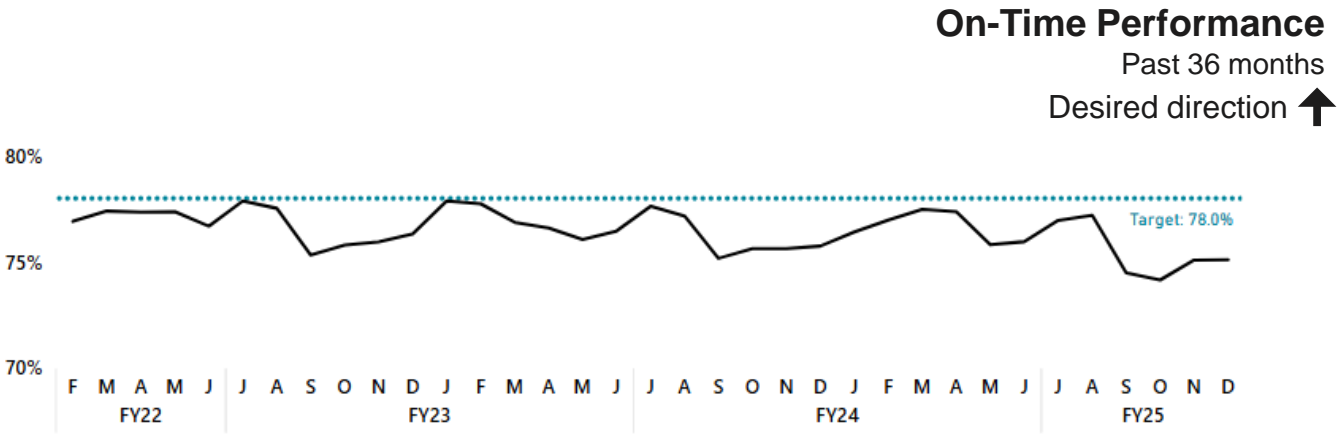



**MetroAccess service area is within three-quarters of a mile of any rail station or bus stop, creating a service area of nearly 1,000 square miles**



# Bus On-Time Performance Missed Target Through Q2, Although Improved in November and December

- **On-time Performance | Bus**  
75.5% on time, missing target of 78%
- Late trips (15.8%) continue to be primary source of on-time performance issues in Q2 (vs. 9.5% early)
- Correlated with times of day with higher road congestion, the proportion of late buses have surpassed pre-pandemic levels
- Staff are developing a Bus Service Improvement Plan to prepare for the launch of the Better Bus Network



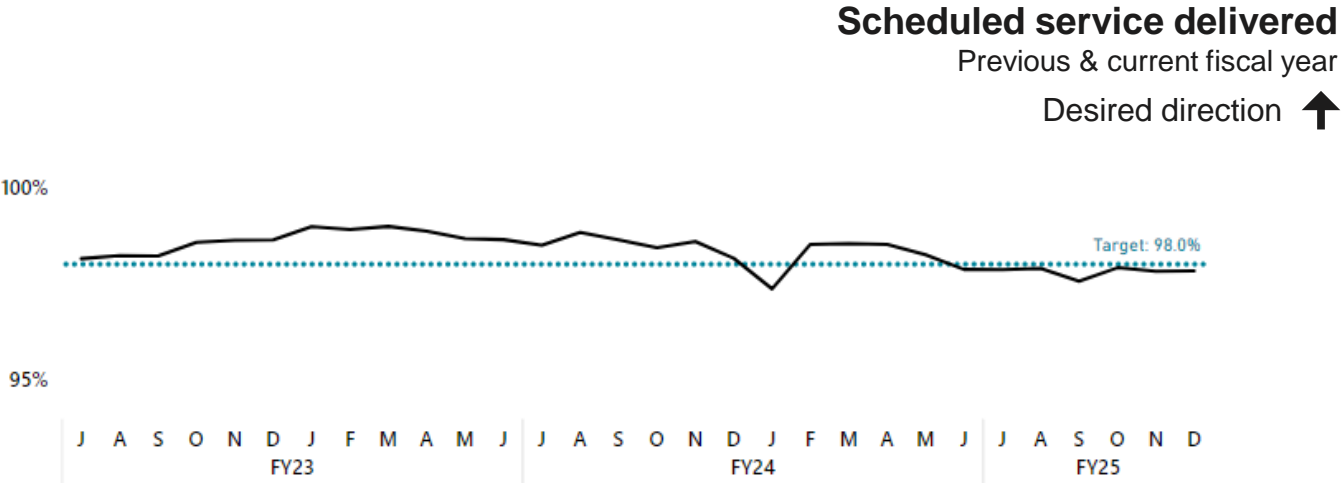


**Metrobus made service changes to 26 routes starting December 15 with the aim of improving customer wait times**



# Percent of Bus Service Delivered Just Missed Target Through Q2

- **Service Delivered | Bus**  
97.8% of scheduled service delivered, just missing target of no less than 98%
- Out of 12,000 daily trips, only 260 are missed
- Main reasons for missed trips: operator availability and problems with vehicles
- Missed trips due to operator availability fell from November – December thanks to decrease in absenteeism and increase in available operators

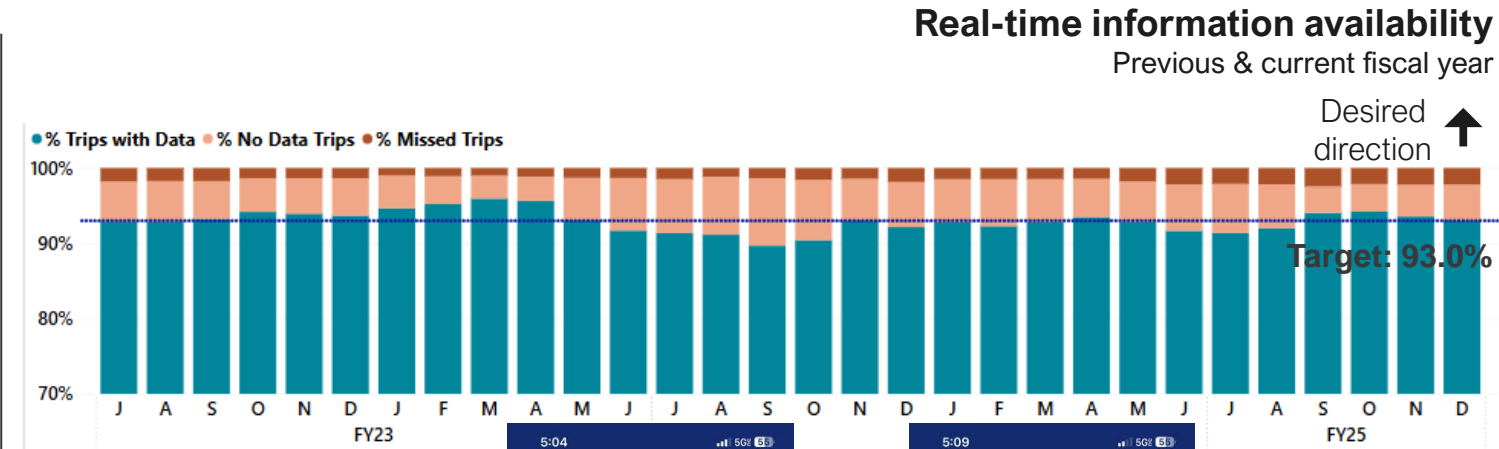


In the last 3 months, 159 bus operators graduated from new operator training, helping to reduce missed trips

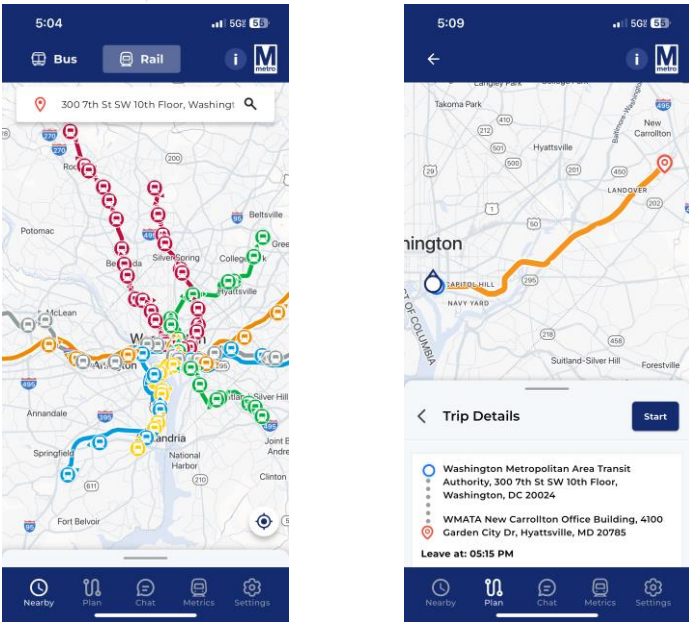


# Bus Real-Time Information Availability Exceeds Target in FY25 after Algorithm Upgrade

- **Real-time Info Availability | Bus**  
**93.0%** of trips had predictions available, meeting target of no less than **93.0%**
  - Lower info availability can be caused by missed trips or buses that are unable to transmit GPS data:
    - Missed Trips: Increased slightly in Q2
    - No Data Trips: The percentage of trips without GPS data fell by over 30% after August upgrade
  - Implemented new software that enables predictions for short-term service changes, like shuttle buses supporting rail shutdowns or snow events



**Upgraded MetroPulse app will launch this spring and provide customers and include improved trip planning functionality and the ability communicate with Metro staff**

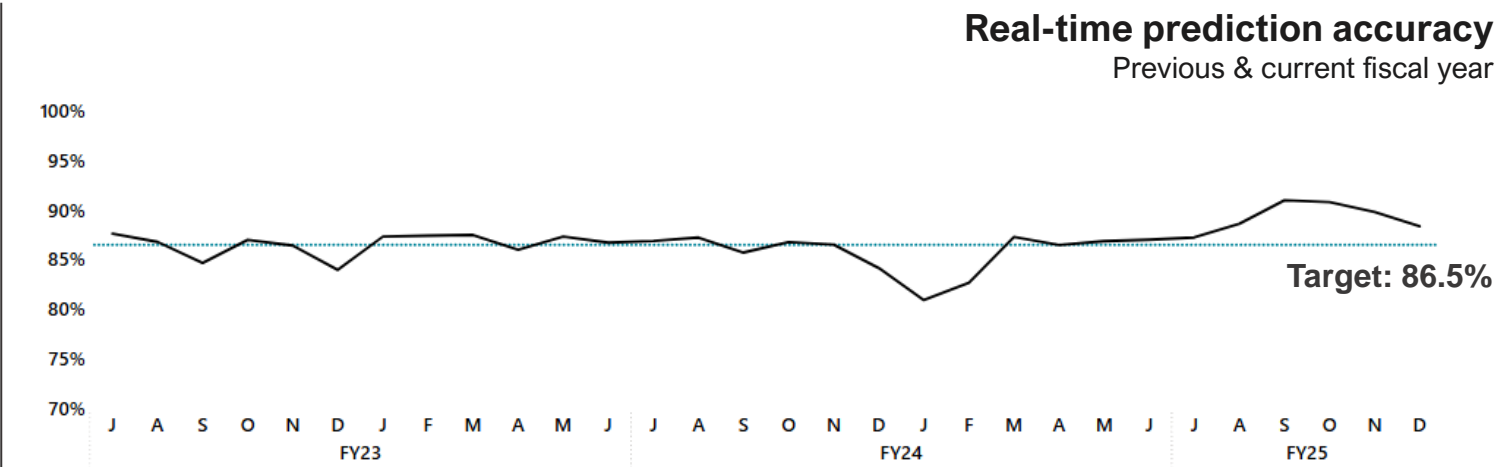



# Upgrades to the Bus Prediction Algorithm in August Resulted in Sustained Improvement in Accuracy

- ### Real-time Arrival Accuracy | Bus

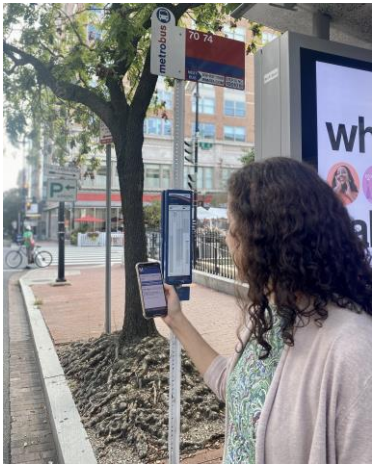
89.3% of predictions were accurate, meeting target of no less than 86.5%

  - Prediction accuracy improved by about four percentage points after an August 2024 prediction algorithm upgrade
  - Performance dip in December due to lighter traffic during holidays, resulting in trips arriving earlier than usual
  - Metro staff continue to fine tune predictions, focusing on known problem areas such as terminals





Metro predictions can now better account for detours caused by changes in service on snow days and road closures for major events like the Inauguration



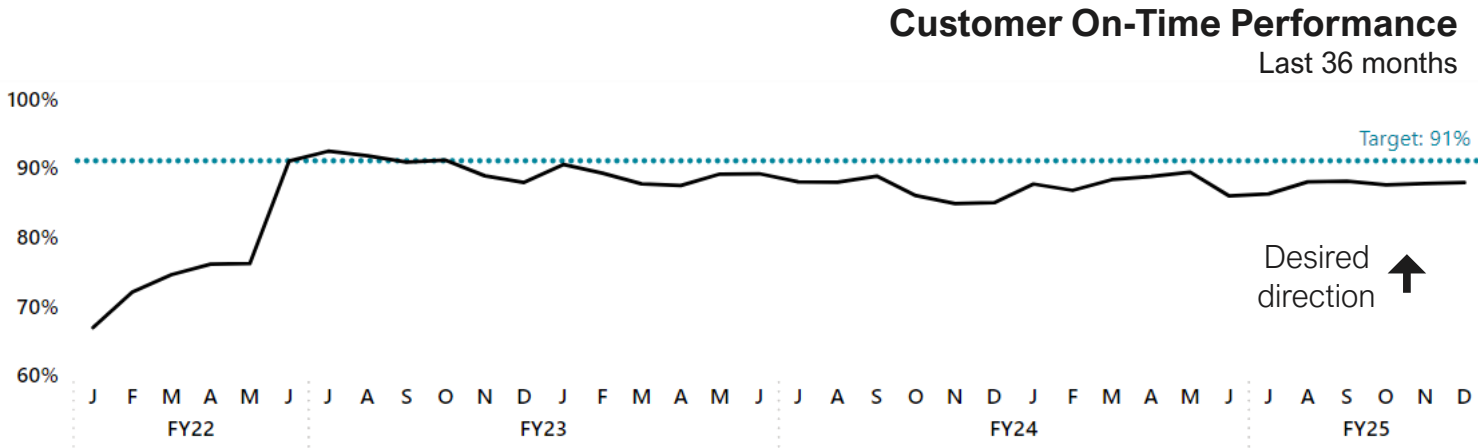


# Rail On-Time Performance Stayed Consistent through Q2, Continuing to Miss Target

## On-time Performance | Rail

87.5% on time, missing target of no less than 91%

- Main drivers of late trips: service disruptions (9.1% of all trips), planned track work (0.9%), and customer behavior or late trips not linked to an incident (2.5%)
- Red Line OTP improved by 3% in December with introduction of Automatic Train Operations
- Key actions to improve:
  - Continue Automatic Train Operation rollout
  - Return to design speeds systemwide, which would reduce run times by up to 2.6 minutes per line



Early data shows that Automatic Train Operation saves about 45 seconds per customer trip across the Red Line



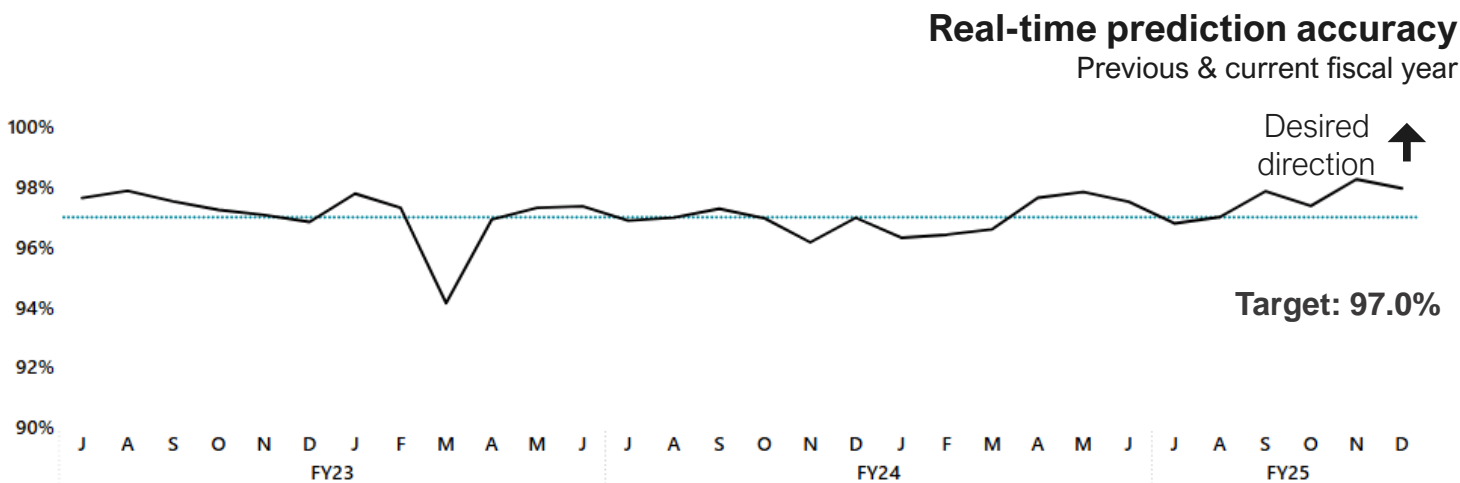
# Rail Real-Time Arrival Prediction Accuracy Continued to Improve in Q2 and Continues to Meet Target

- **Real-time Arrival Accuracy | Rail**  
97.7% of predictions were accurate, meeting target of no less than 97.0%
- Metro implemented the following changes in November:
    - Removed duplicate and canceled trips so customers are less likely to see predictions for trains that aren't coming
    - Increased accuracy by better matching real-time and schedule information
    - Increased availability of predictions for customers at the end of line by accurately defining the end of trips in the algorithm

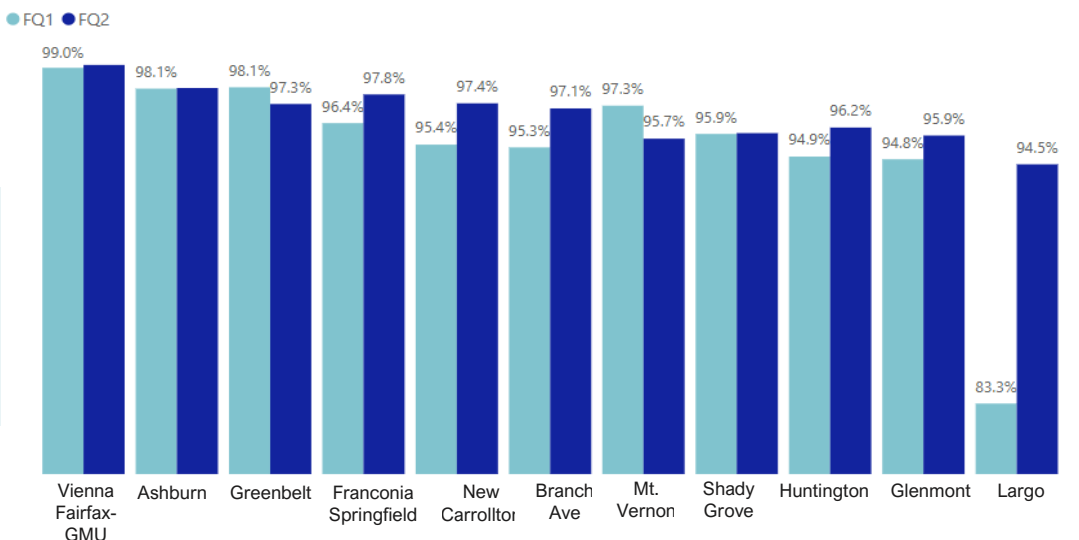


Prediction Accuracy improved at nine out of the 11 last stations at the end of trips between Q1 and Q2

● Target met ● Target just missed ● Target missed ● No target



Real-time prediction accuracy of incoming trains at terminals  
FY2025 Q1 vs. Q2



# Appendix | Additional Measures

# **Safety and Security** | Additional Measures

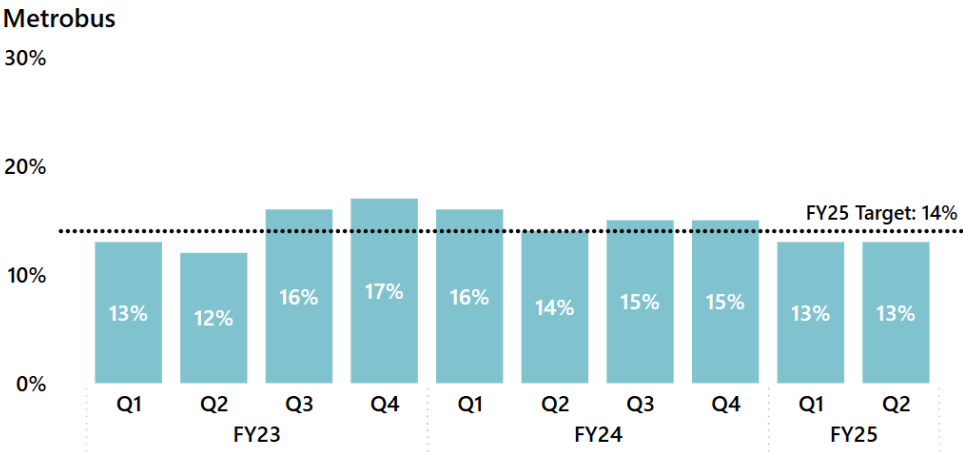
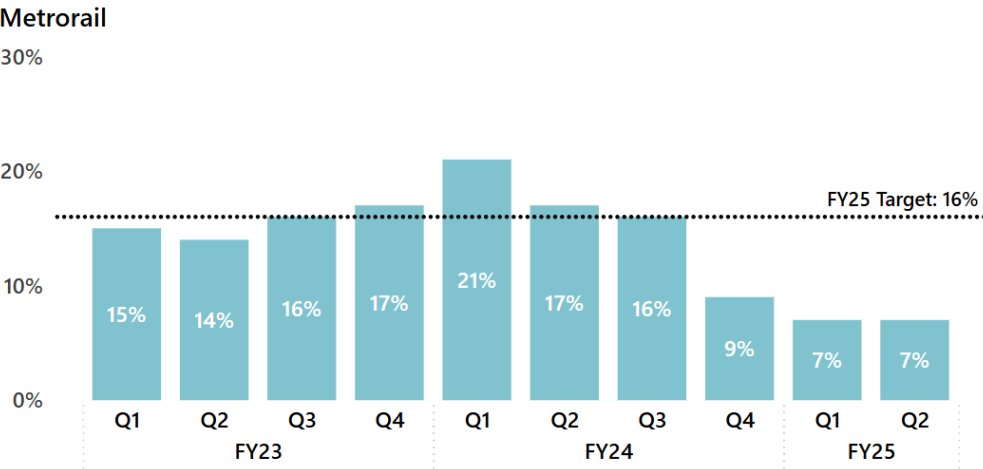
# Customer perception of safety on trains and buses met target, sustains best performance in 2 years

## ● Customer Perception of Safety from Crime or Harassment | Bus Target: 14%, Rail Target: 16%

Percent of customer survey responses who rated their perception of safety from harassment or crime on the train/bus of their last trip as "1" or "2" on a five-point scale where 1= "not at all safe" and 5= "very safe"

The percent of customers dissatisfied with safety from crime aboard trains stayed level at 7%, meeting target of 16% or less

The percent of customers dissatisfied with safety from crime aboard buses remained steady at 13%, meeting target of 14% or less



Allied Special Police Officers deployed to 26 rail stations and patrolled over 287,200 trains between February – December 2024

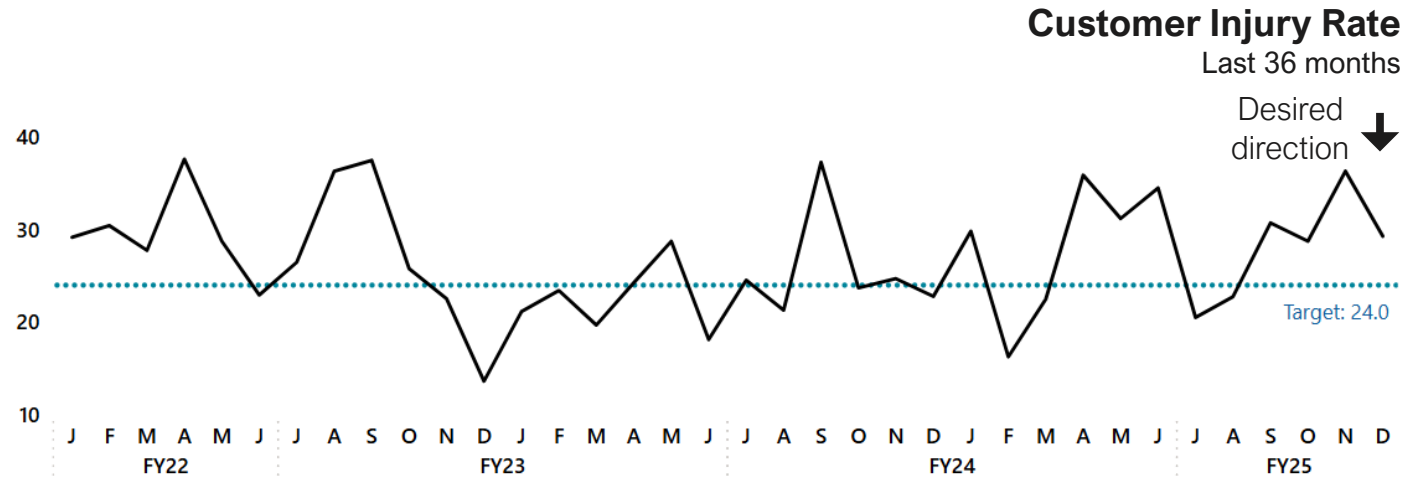
Desired direction ↓



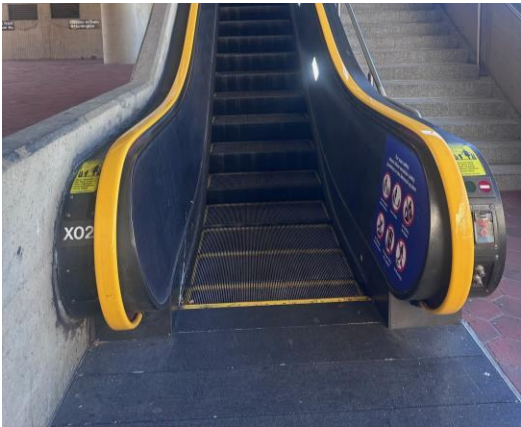


# Customer Injury Rate is Missing Target FYTD and is 7% Higher than the Same Time Last Fiscal Year

- **Customer Injury Rate | All modes**  
27.6 injuries per 10M revenue miles, missing target of no more than 24.0
  - 209 injuries FYTD: 55% bus (115 injuries), 44% rail (92), 1% MetroAccess (2)
  - 77% of injuries are slips/trips/falls: 36% on bus, 20% on escalators, 21% in stations or aboard trains, and 1% on MetroAccess
  - 21% of injuries are collision-related (19% on bus, 2% on rail)
  - Actions to improve: continue escalator signage initiative, return to ATO will lead to a smoother ride



**During Q2, the escalator signage initiative was expanded to include all entrances at Gallery Place based on customer injury risk analysis**

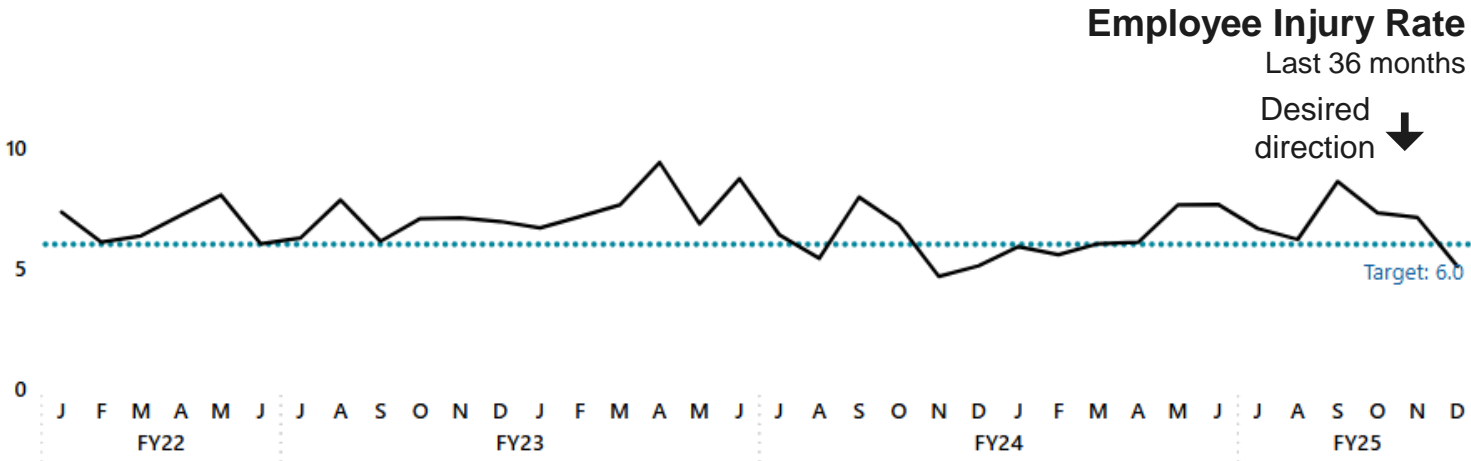


# Employee Injury Rate Missed Target through Q2, but Improved by 28% from November to December, Driven by a Decrease in Collisions and Strains

## Employee Injury Rate | All modes

6.8 injuries per 200,000 employee hours, missing target of no more than 6.0

- 429 injuries FYTD. Top injury types: stress (24%), collision (24%), strain (16%), struck or injured by object (12%) and slip/trip/fall (12%). Collision injuries are most frequent among Bus employees (33% total)
- Compared with FY24 FYTD: 17% increase in Rail injuries, 12% increase in Bus
- Recent initiatives: Safety video shared in regular Rail Transportation eBulletin and “Lessons Learned” posted throughout Rail Divisions



In CY2024, Metro completed 17 milestones towards the implementation of the Safety Management System

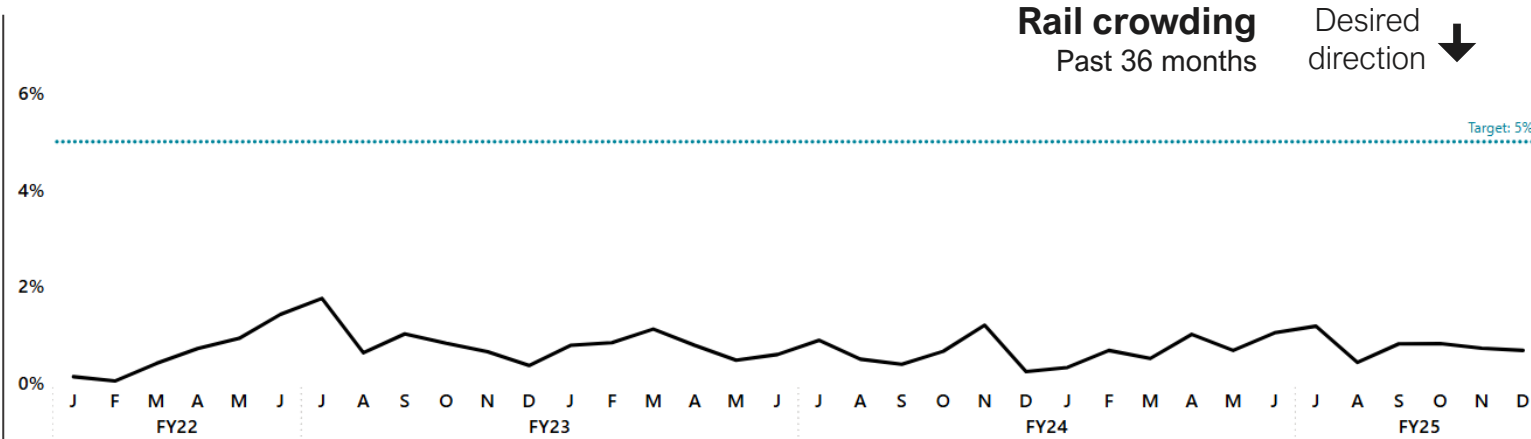


# Rail Crowding Remains Low Overall With Capacity to Carry More Riders

## ● Crowding | Rail

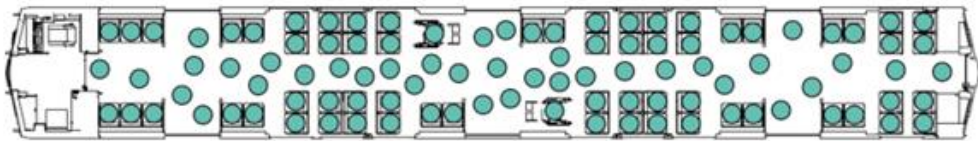
0.8% of passenger minutes were spent in crowded conditions (>100 passengers per car during peak periods), meeting target of no more than 5%

- Strategically deploying 8-car trains to mitigate crowding during AM Peak on Red, Orange and Silver lines

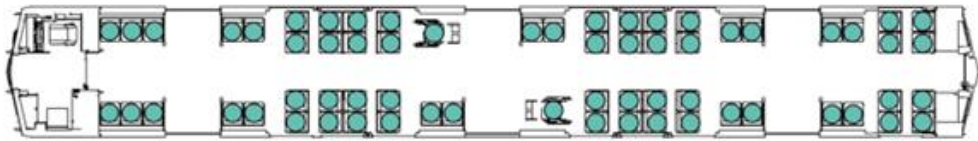


Customers riding Tuesdays and Wednesdays were more likely to experience crowding during the morning rush during FY25 Q1/Q1

Railcar Crowding Standards



100 Passengers Per Car



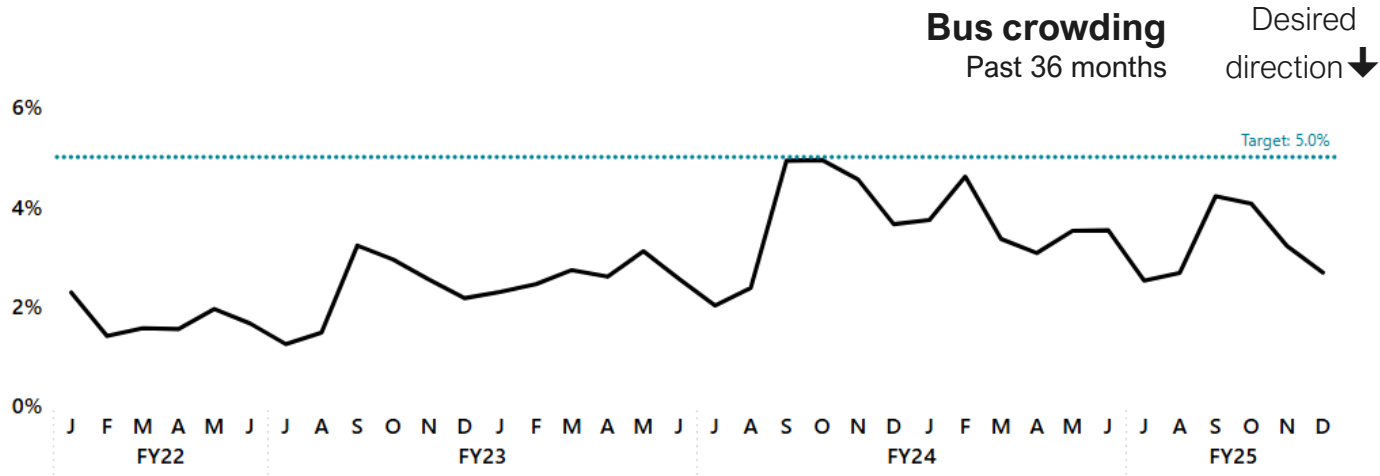
Seated Load



# Changes in Travel Patterns and Frequent Service Helps Keeps Crowding Below Target Even as Ridership Grows

## ● Crowding | Bus

- 3.3% of passenger minutes were spent in crowded conditions (>40 passengers on bus), meeting target of no more than 5%
- Crowding most likely to occur during the PM Peak
  - Increased frequency helps mitigate crowding; 45% of customer trips have a 12-minute frequency or better



# **Service Reliability** | Additional Measures

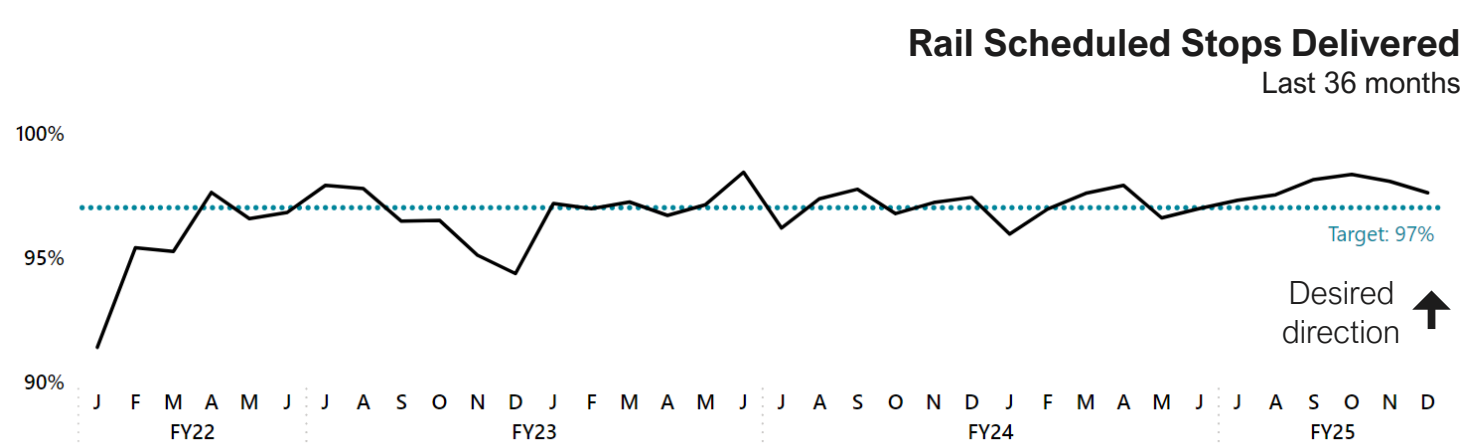


# Nearly 98% of Rail Scheduled Stops Were Delivered this Fiscal Year, Exceeding Target

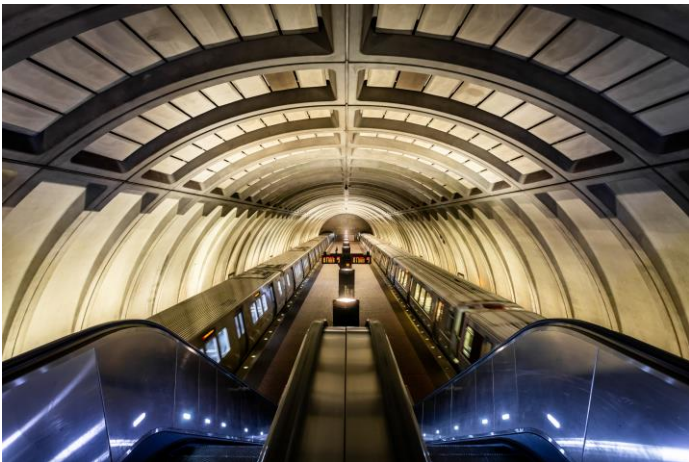
## Scheduled Stops Delivered | Rail

97.8% stops delivered, meeting target of no less than 97%

- About one out of 46 stops missed per day
- Most missed stops due to service disruptions; top three types: rail vehicle malfunctions, rail operations, and signaling
- Key actions to improve: continue 7000-series scheduled maintenance program (rehab and overhaul), continue rail operator recruitment and training, plan for next-generation signaling system



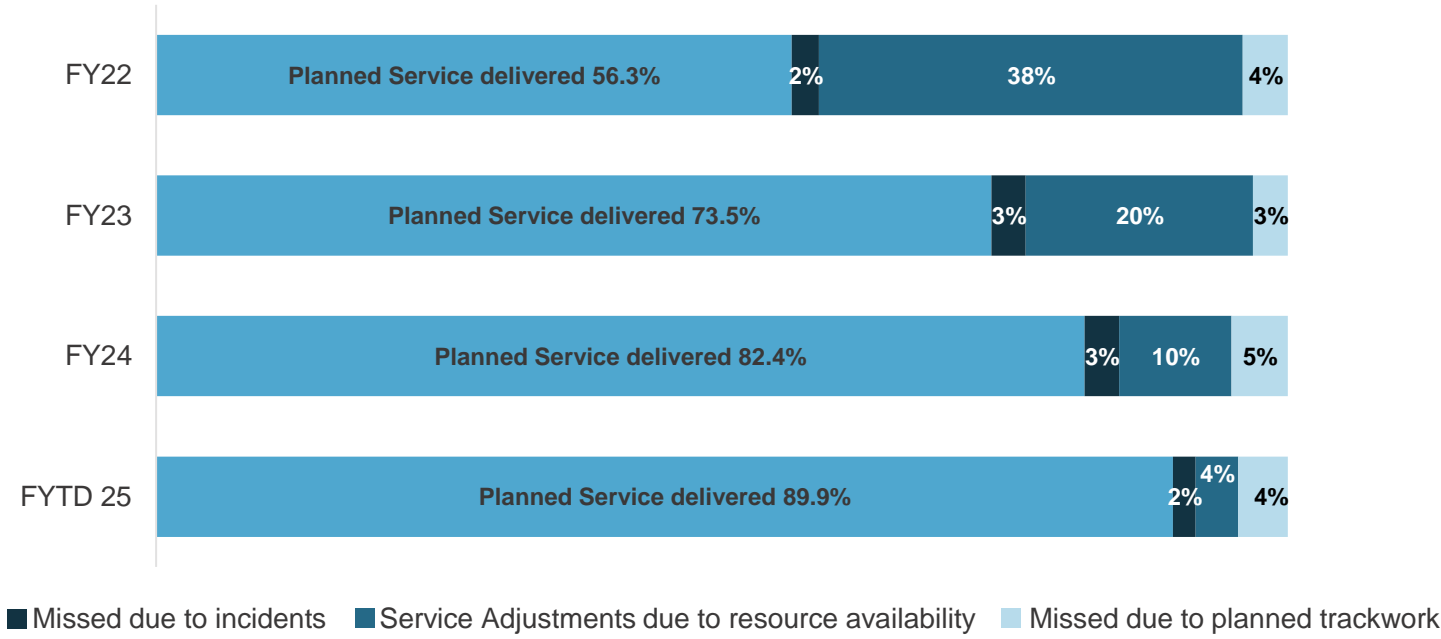
59 train operators have been certified in FY25 with 56 more in training



# Almost 90% of Planned Metrorail Service was Delivered through Q2, Better than Target and Continuing to Improve Over Recent Years

**Planned Stops Delivered | Rail**  
89.9% stops delivered, meeting target of no less than 85%

- Planned service disruptions (extended shutdowns, weekend and weekday trackwork) account for most missed service (4.4%), followed by service adjustments\* (3.8%), and unplanned incidents (2%)
- Actions to improve: Continue to reduce impact of planned trackwork. 10-day winter shutdown completed equivalent of 10 weekends of track and signaling construction, limiting impact to customers



The December schedule change increased Green and Yellow service from 8-minute to 6-minute headways during peak periods

\*Service adjustments cover temporary resource constraints that require modifications to our budgeted service plans

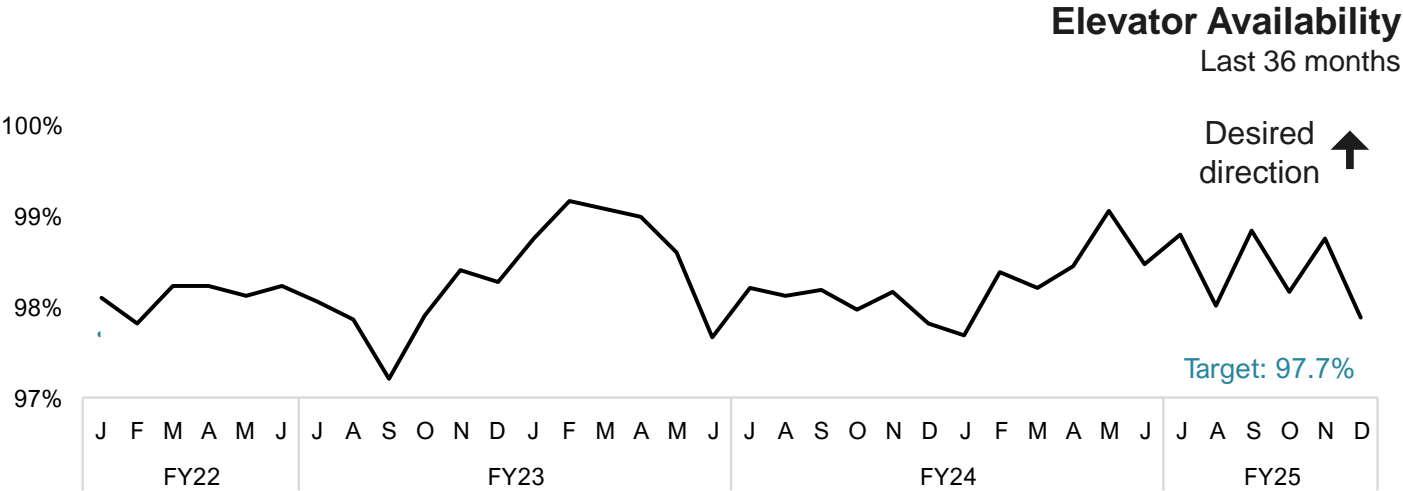


# Elevator Availability Met Target, with 315 out of 320 Elevators in Service at Any Time

## ● Elevator Availability | Rail System

**98.4%** availability, meeting target of no less than **97.7%**

- Elevators are becoming more reliable: mean time between failure in Q2 is over 29 days, up 5% from last quarter
- There were no units out of service for capital repairs in Q2
- 78% of stations met the elevator availability target and over half of stations have at least 99% availability

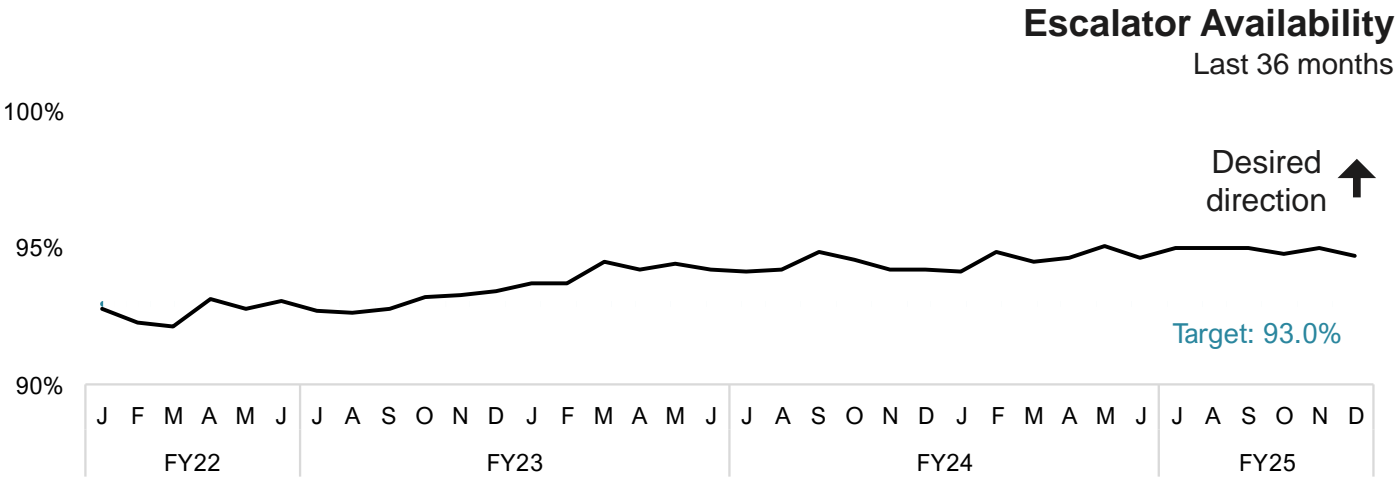


Capital projects will begin for 27 elevators in Q3 of FY25, which will decrease overall availability

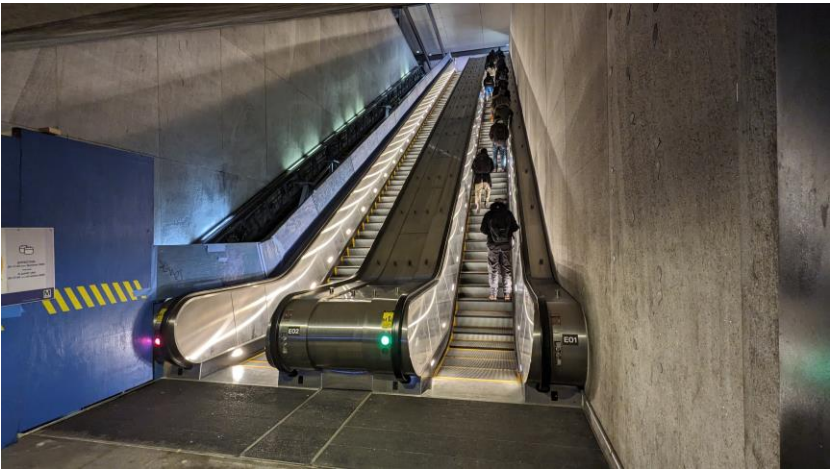


# Escalator Availability Met Target, With an Average of 18 Out of 19 Escalators in Service at Any Time

- **Escalator Availability | Rail System**  
94.8% availability, meeting target of no less than 93.0%
  - Availability in November was 95.1%, the highest of any month this fiscal year
  - Escalators were repaired almost an hour faster in Q2 than the previous quarter, at an average of 5.5 hours
  - On average, 14 escalators were out of service at any given time for capital repairs in Q2



The three escalators at Entrance B of L’Enfant Plaza being replaced are scheduled to be completed in June



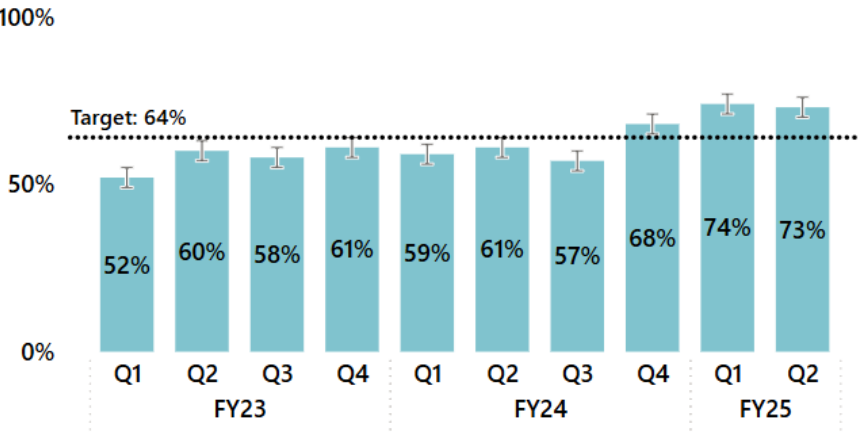
# **Convenience** | Additional Measures

# Customer Satisfaction with Cleanliness Stayed About the Same in Q2 as Q1

Desired direction 

## ● Metrorail

73% in Q2, exceeding target of no less than 64%

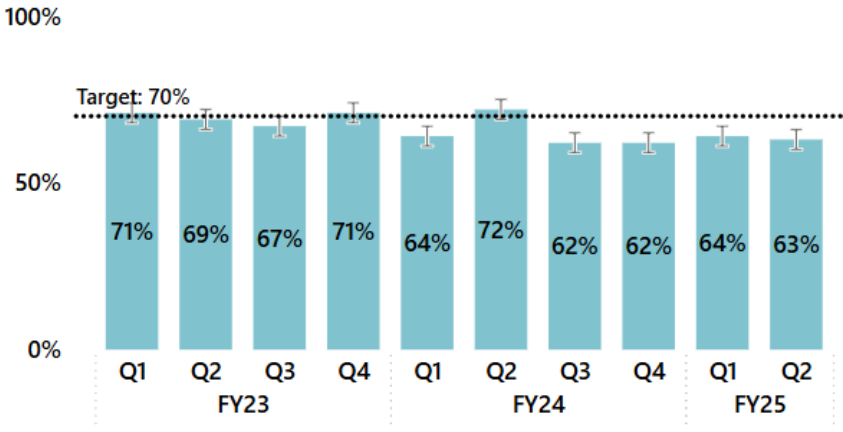


### Q2 results for Metrorail sustained increase in satisfaction

- Car Maintenance awarded an End of Line Cleaning contract in December, which dedicated additional resources to major interior cleaning activities
- Implemented end of line audit, requiring supervisors to conduct 20 audits per week
- Conducted car wash evaluations at two railyards, resulting in an effort to select a new vendor to improve exterior cleanliness

## ● Metrobus

63% in Q2, missing target of no less than 70%



### Q2 results for Metrobus consistent with past four quarters

- However, customer dissatisfaction with bus cleanliness increased compared with Q1
- For DC residents, satisfaction with cleanliness of the bus decreased from Q1 – Q2 (62% – 52%)
- Efforts to improve:
  - Procurement in progress for end of line cleaning
  - To complete installation of easier-to-clean vinyl seats on all 1,500 buses in CY2025



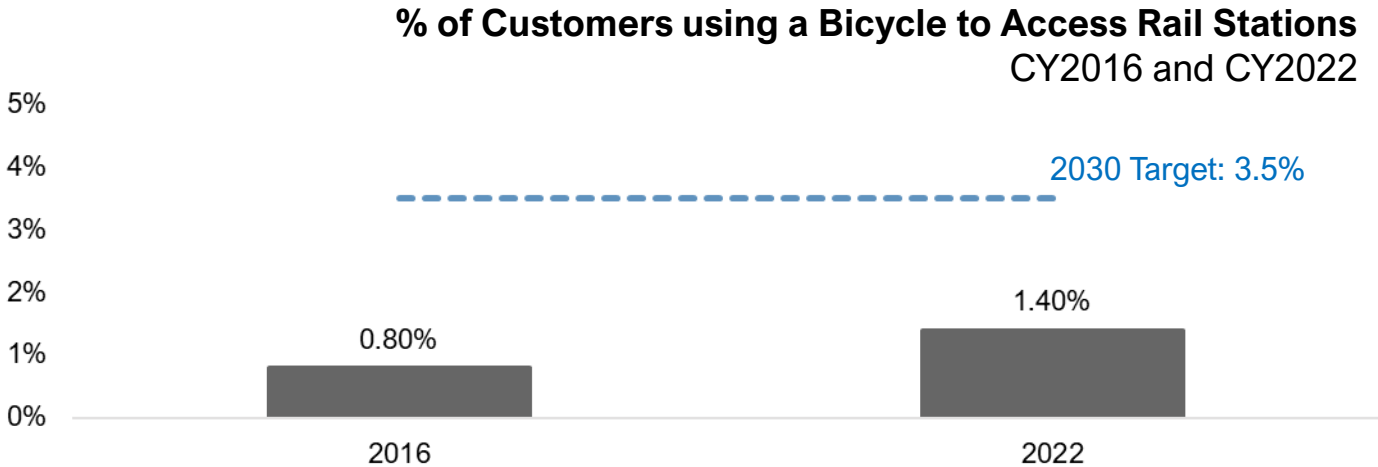


# New Bicycle Infrastructure to be Installed Spring 2025; Access Rate Increase Expected

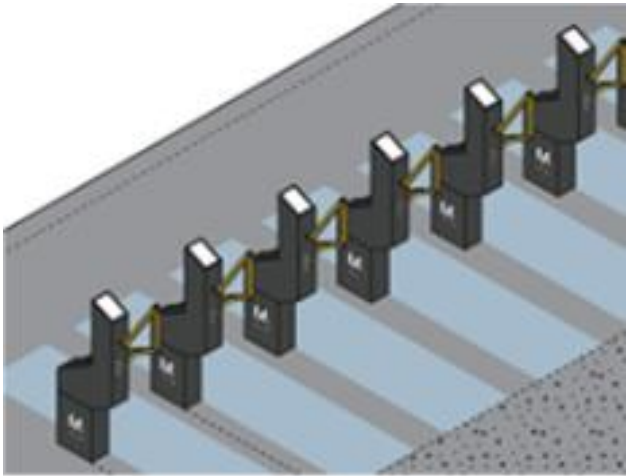
## Last-Mile Connectivity/Bicycle Access

1.4%, on track for 2030 target of 3.5%

- In 2025 Metro will launch its next Rail Customer Survey, where we will get updated data about which mode customers use to access rail stations
- Station bike parking upgrades to begin in Spring 2025; currently assessing stations to develop implementation order
- New methodology to get results more frequently, include other modes of access, under review



To enhance pedestrian and bike connectivity to West Hyattsville Station and nearby areas, Metro and Prince George’s County were awarded \$500K from the Federal Government



Feedback from our July 2024 station outreach event was positive regarding potential SmarTrip compatibility, accommodation for varied bike sizes, and built-in e-bike charging.

*Pictured:  
Mockups for  
potential rack  
designs*

