



**Customer Services, Operations, and Safety Committee**

**Board Information Item III-A**

**November 19, 2009**

## **Safety Report**

Washington Metropolitan Area Transit Authority  
**Board Action/Information Summary**

<input type="checkbox"/> Action <input checked="" type="checkbox"/> Information	MEAD Number:	Resolution: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**TITLE:**

Safety Report

**PURPOSE:**

To provide the Committee with monthly safety performance measures for FY10.

**DESCRIPTION:**

The information contains safety performance data for the first three months of FY10 as well as a comparison of safety performance data for FY09 in the areas of derailments, fires, escalator injuries, rail, bus and MetroAccess passenger injuries, preventable and non-preventable bus collision rates, and the MetroAccess collision rate.

**FUNDING IMPACT:**

No impact on funding.

**RECOMMENDATION:**

None



# Safety Report

Customer Service, Operations and Safety Committee

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# Safety Performance Highlights

## FY09 VS FY10



- Rail Safety: data shows reduction in rail passenger injuries, and customer station and parking lot injuries
- Bus Safety: data shows reduction in bus passenger injuries, and preventable and non-preventable bus collision rates
- MetroAccess Safety: data shows reduction in passenger injuries and the passenger injury rate

## RAIL

- Safety initiatives
  - Rail is initiating a pilot program of placing warning signals on station platforms to alert operators of maintenance work at upcoming stations





# Safety Performance Highlights

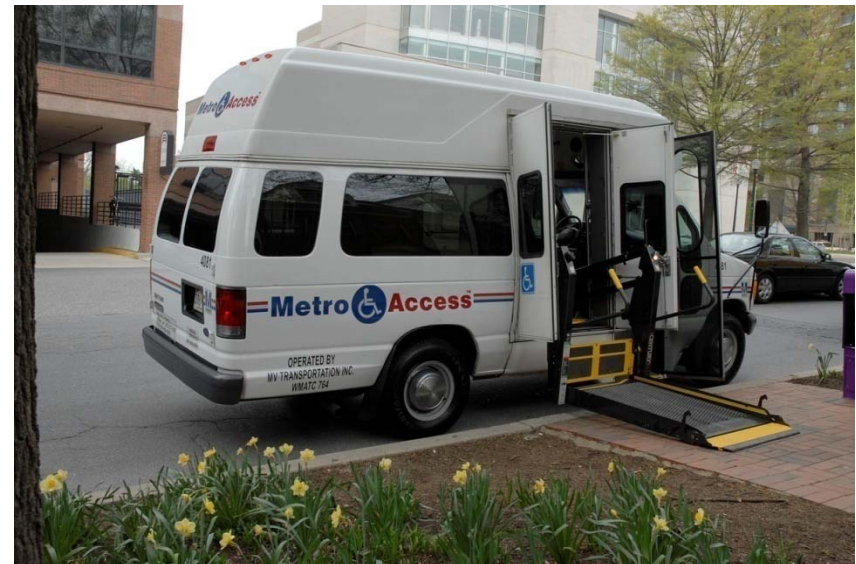
## BUS

- Safety initiatives
  - Operators are being reinstructed on proper procedures for boarding and alighting wheelchair patrons



## MetroAccess

- Safety initiatives
  - Conducting comprehensive review of driver training program
  - Reviewing Authority-wide policy on wheelchair securement



# Appendix A - Safety





# Rail Safety Performance Indicators

Category	FY08 July- October	FY09 July- October	FY10 July- October	FY09-FY10 Change
Rail Passenger Injuries (on board)	54	30	15	-15
Rail Fatalities	2	0	6	+6
Rail Transit Facility Occupant Injuries (In Stations and Parking Facilities)	66	47	26	-21
Rail Passenger Injury Rate	0.13	0.07	0.03	-0.04
Escalator Injuries	48	43	37	-6
Derailments (Main Line)	1	0	0	0
Fire Incidents	**	**	**	**
Smoke Incidents	**	**	**	**

\*\*Data is unavailable at this time



# Bus Safety Performance Indicators

Category	FY08 July-October	FY09 July- October	FY10 July-October	FY09-FY10 Change
Bus Passenger Injuries	37	36	16	-20
Pedestrian Injuries	0	0	3	+3
Pedestrian Fatalities	0	0	1	+1
Preventable Bus Collision Rate	25.61	23.90	5.20*	-18.7*
Non-Preventable Bus Collision Rate	47.22	36.73	11.50*	-25.23*
Bus Passenger Injury Rate	0.41	0.42	0.13*	-0.29*

\*Data is based on preliminary numbers



# MetroAccess Safety Performance Indicators

Category	FY08 July-October	FY09 July-October	FY10 July-October	FY09-FY10 Change
MetroAccess Passenger Injuries	42	35	36	+1
MetroAccess Collision Rate	0.36	0.31	0.31	0
MetroAccess Passenger Injury Rate	0.74	0.52	0.45	-0.07



# Safety Performance Indicators

- Passenger Injury Rate =  $N \times 1,000,000 / \text{Passenger Miles}$
- N = Number of injuries requiring immediate transportation from the accident scene to a medical facility
- Preventable Accident – an accident that occurred because the employee failed to do everything reasonably expected of a trained professional to avoid involvement in an accident
- Non-Preventable Accident – an accident that occurs despite every reasonable action by the employee to avoid involvement in an accident.
- Bus Collision Rate =  $N \times 1,000,000 / \text{Vehicle Miles}$
- MetroAccess Collision Rate =  $N \times 1,000,000 / \text{Service Miles}$
- Service Miles = The miles that vehicles are scheduled to or actually travel while in revenue service.