



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

**Board Information Item IV-A**

**September 24, 2009**

**Safety Report**

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

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

**TITLE:**

Safety Report

**PURPOSE:**

To provide the Committee with monthly safety performance measures for FY09.

**DESCRIPTION:**

The information contains safety performance data for June FY09 as well as a comparison of safety performance data for FY08, 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



**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY**

# Safety Report

Customer Service, Operations and Safety Committee

September 24, 2009



# SAFETY PERFORMANCE HIGHLIGHTS

## RAIL

- Safety Initiatives



- A Rail Maintenance Safety Stand-Down has been launched
- Additional personnel have been assigned to the Safety Department to assist with conducting comprehensive safety checks throughout the rail system
- Safety personnel have been assigned to night shifts to increase oversight of night work activities
- Increased safety conversations



# SAFETY PERFORMANCE HIGHLIGHTS

## BUS

- Safety Initiatives
  - Six Bus training instructors have completed the Smith Systems (Defensive Driving) training course
  - Bus Safety Advisory
  - Increased safety conversations



## METROACCESS

- Safety Initiatives
  - Metro continues to provide safety oversight for MetroAccess



# Appendix A - Safety



# RAIL SAFETY PERFORMANCE INDICATORS

Category	FY07 Thru June	FY08 Thru June	FY09 Thru June	FY08-FY09 Change
Rail Passenger Injuries (on board)	161	113	128	+15
Rail Transit Facility Occupant Injuries (In Stations and Parking Facilities)	260	221	119	-102
Rail Passenger Injury Rate	0.10	0.07	0.08	+0.01
Escalator Injuries	219	155	112	-43
Derailments (Main Line)	1	0	2	+2
Fire Incidents	77	56	55	-1
Smoke Incidents	85	117	86	-31



# BUS SAFETY PERFORMANCE INDICATORS

Category	FY07 Thru June	FY08 Thru June	FY09 Thru June	FY08-FY09 Change
Bus Passenger Injuries	169	179	95	-84
Preventable Bus Collision Rate	22.86	20.70	12.98	-7.72
Non-Preventable Bus Collision Rate	36.92	28.52	20.29	-8.23
Bus Passenger Injury Rate	0.40	0.43	0.21	-0.22





# METROACCESS SAFETY PERFORMANCE INDICATORS

Category	FY07 Thru June	FY08 Thru June	FY09 Thru June	FY08-FY09 Change
Metro Access Passenger Injuries	N/A	80	101	+21
MetroAccess Collision Rate	N/A	0.34	0.29	-0.05
MetroAccess Passenger Injury Rate	N/A	0.46	0.47	+0.01



# SAFETY 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.