



Customer Services, Operations, and Safety Committee

Board Information Item III-A

July 16, 2009

Safety Report

**Washington Metropolitan Area Transportation 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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PURPOSE

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

DESCRIPTION

The information contains safety performance data for May FY09 as well as a comparison of safety performance data for FY08 and FY09 year- to- date, 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

None

RECOMMENDATION

None



Safety Report

Presented to the Board of Directors:

**Customer Service, Operations and Safety
Committee**

July 16, 2009





Accident Investigation

- Status of the current investigation



Appendix – Safety Performance Indicators



Rail Safety Performance Indicators

Category	FY07 Thru May	FY08 Thru May	FY09 Thru May	FY08-FY09 Change
Rail Passenger Injuries (on board)	150	101	47	-54
Rail Transit Facility Occupant Injuries (In Stations and Parking Facilities)	245	205	115	-90
Rail Passenger Injury Rate	0.10	0.07	0.03	-0.04
Escalator Injuries	200	142	105	-37
Derailments (Main Line)	1	0	2	+2
Fire Incidents	71	51	47	-4
Smoke Incidents	70	106	78	-28

- Metro continues to perform Station Inspections to recognize hazards
- Metro continues to make passenger safety announcements



Bus Safety Performance Indicators

Category	FY07 Thru May	FY08 Thru May	FY09 Thru May	FY08-FY09 Change
Bus Passenger Injuries	156	170	93	-77
Preventable Bus Collision Rate	23.83	20.93	13.54	-7.39
Non-Preventable Bus Collision Rate	36.23	28.39	21.45	-6.94
Bus Passenger Injury Rate	0.41	0.45	0.23	-0.22

- Metro continues to perform Operation Lifesaver training at area schools
- 1200 bus stops have been improved



MetroAccess Safety Performance Indicators

Category	FY07 Thru May	FY08 Thru May	FY09 Thru May	FY08-FY09 Change
MetroAccess Passenger Injuries	N/A	79	87	+8
MetroAccess Collision Rate	N/A	0.34	0.28	-0.06
MetroAccess Passenger Injury Rate	N/A	0.50	0.45	-0.05

- Metro continues to provide safety oversight for MetroAccess



Definitions

- 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.