



Customer Services, Operations, and Safety Committee

Board Information Item V-B

May 28, 2009

Safety Performance Indicators

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 Performance Indicators

PURPOSE:

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

DESCRIPTION:

The Information contains safety performance data for March FY09 and 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 bus collision rates, and the MetroAccess collision rate.

FUNDING IMPACT:

No impact on funding.

RECOMMENDATION:

None



Safety Performance Indicators Report FY09

Presented to the Board of Directors:

**Customer Service, Operations, and Safety
Committee**

May 28, 2009





Rail Safety Performance Indicators

Category	FY07 Thru March	FY08 Thru March	FY09 Thru March	FY08-FY09 Change
Rail Passenger Injuries (on board)	130	89	45	-44
Rail Transit Facility Occupant Injuries (In Stations and Parking Facilities)	211	183	96	-87
Rail Passenger Injury Rate	0.11	0.07	0.04	-0.03
Escalator Injuries	177	120	88	-32
Derailments (Main Line)	1	0	2	+2
Fire Incidents	57	46	38	-8
Smoke Incidents	45	93	63	-30

- Metro has enhanced the investigation techniques for Supervisors and Managers
- Metro is making all safety awareness pamphlets available in Spanish
- SAFE continues to update the National Transit Database of incidents that meet the pre-determined reporting thresholds



Bus Safety Performance Indicators

Category	FY07 Thru March	FY08 Thru March	FY09 Thru March	FY08-FY09 Change
Bus Passenger Injuries	130	143	81	-62
Preventable Bus Collision Rate	25.76	20.74	14.99	-5.75
Non-Preventable Bus Collision Rate	37.60	26.98	23.63	-3.35
Bus Passenger Injury Rate	0.42	0.47	0.24	-0.23

- Metro has enhanced the investigation techniques for Supervisors and Managers
- Partnered with the National Capital Region on Street Smart Pedestrian Safety
- Metro is making all safety awareness pamphlets available in Spanish



MetroAccess Safety Performance Indicators

Category	FY07 Thru March	FY08 Thru March	FY09 Thru March	FY08-FY09 Change
MetroAccess Passenger Injuries	N/A	70	64	-6
MetroAccess Collision Rate	N/A	0.33	0.26	-0.07
MetroAccess Passenger Injury Rate	N/A	0.51	0.41	-0.10

- Metro continues to provide safety oversight for MetroAccess



Appendix

- 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.