



Customer Services, Operations, and Safety Committee

Board Information Item IV-B

July 10, 2008

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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TITLE:

Safety Performance Indicators

PURPOSE:

To provide the Committee with monthly safety performance measures for FY08.

DESCRIPTION:

The information contains the safety performance data that occurred during the first 11 months of FY08 in the areas of derailments, fires, rail/bus passenger injuries, employee injuries and construction injuries.

FUNDING IMPACT:

No impact on funding.

RECOMMENDATION:

None



Safety Performance Indicators Report FY08

Presented to the Board of Directors:

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

July 10, 2008





FY08 Rail Safety Performance Indicators

Category	July - May		May		May Variance	May %
	FY07	FY08	FY07	FY08		
Rail Passenger Injuries (on board)	178	100	10	9	-1	-10%
Rail Transit Facility Occupant Injuries (In Stations and Parking Facilities)	321	200	17	12	-5	-29%
Rail Injury Rate	0.12	0.08	0.07	0.06		
Escalator Injuries	279	133	17	7	-10	-59%
Rail Collisions	0	0	0	0	0	0%
Derailments (Main Line)	1	0	0	0		
Fire Incidents	88	46	3	2	-1	-33%
Smoke Incidents	109	90	16	5	-3	-69%

- 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



FY08 Bus Safety Performance Indicators

Category	July - May		May		May Variance	May %
	FY07	FY08	FY07	FY08		
Bus Passenger Injuries	422	345	13	11	-2	-15%
Preventable Bus Collision Rate	2.04	2.01	2.08	1.30		
Non-Preventable Bus Collision Rate	3.03	3.49	3.81	3.41		
Bus Passenger Injury Rate	1.00	0.91	0.35	0.30		

- 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 = $N \times 1,000,000 / \text{Vehicle Miles}$