



**Metropolitan Transportation Authority**

# **Safety and Security Committee Meeting**

## **December 2009**

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### **Committee Members**

N. Seabrook, Chair

R. Bickford

I. Greenberg

S. Metzger

J. Sedore, Jr.

V. Tessitore, Jr.



## **MEETING AGENDA**

### **MTA SAFETY & SECURITY COMMITTEE**

**MONDAY, DECEMBER 14, 2009 – 1:15 p.m.**

347 Madison Avenue  
Fifth Floor Board Room  
New York, NY

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<b><u>AGENDA ITEMS</u></b>	<b><u>Page</u></b>
1. APPROVAL OF MINUTES –SEPTEMBER 2009	1
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Minutes of Meeting  
Safety and Security Committee

September 21, 2009

Meeting Held at:  
347 Madison Ave.  
New York, NY

3:15 PM

**The following members were present:**

Susan Metzger  
Robert Bickford

**Also present were:**

Catherine Blue  
Mark Campbell  
Rich Cerezo  
Chief Michael Coan  
Fredericka Cuenca  
Vincent DeMarino  
Robert Downing  
Cathryn Flandina  
Wayne Galante  
Susan Goldman  
Cheryl Kennedy  
R. Scott Masone  
Ed Melendez  
Donald Molinaro  
Andrew Petrovich  
Dave Plumb  
Ramnarine Roopnarine  
Ken Sundberg  
Tim Sweeney  
Andrea Uriarte  
Ed Wallace  
Judy Walker  
Jim Wincek

**Minutes of Meeting**

Ms. Metzger chaired the meeting and called the meeting to order at 3:20 pm. July 2009 meeting minutes and the September Work Plan were unanimously approved. Ms. Metzger commented that this quarter's meeting especially highlighted the safety program efforts throughout the agencies.

**Group Excellence in Safety Presentations from the 2008 Chairman's Safety Awards**

Bridges and Tunnels – Throgs Neck Bridge Roll Call Program

Ed Wallace, General Manager, explained the program provides reminders at roll call and, most importantly, insures expeditious follow-up on all safety issues raised by employees. Toolbox meetings are also key in discussing safety points with maintenance workers, a group that does not attend roll call meetings. Team effort, open communication, and review of proper use of tools and equipment during all shifts contributed to safety improvements. In 2007, 8 injuries resulted in 385 lost work days. This was reduced to 2 injuries totaling 37 days lost in 2008. Union and management are committed to maintaining this program.

#### New York City Transit Department of Buses - Transport Workers Union Local 100 and NYCT DOB Bus Operator Action Committee (BOAC)

Wayne Galante, Chief Safety Officer, explained that BOAC encourages a non-confrontational exchange of ideas between NYCT and TWU personnel. Employee and customer safety and security are both addressed through first line of defense training, conflict resolution, safety awareness campaigns, and new technologies pilot programs. Protocols and lessons learned have also been discussed to gain the most effective use of equipment and techniques. Ms. Metzger thanked the group for its efforts.

#### New York City Transit Subways - East 180<sup>th</sup> Street Maintenance Shop

Donald Molinaro, Assistant General Manager, commented that the renovated maintenance facility helped in promoting safety efforts and the Shop sustained only one lost time accident in 2008. Electricians, mechanics, and car cleaners work both indoors and outdoors at the facility to conduct heavy industrial maintenance and repair operations. Safety goals and the Safety Action Plan are monitored with support from the Office of System Safety. Job task hazard assessments, safety audits, job injury investigation, and TWU safety walkthroughs all contribute to the safe work culture. Safety meetings and STOP audit cards have supported this effort. Ms. Metzger commended the group's hard work and commitment to safety in a bustling work environment.

#### Long Island Rail Road - West Side Shop

Andrea Uriarte, Maintenance of Equipment Foreman, emphasized difficulties inherent in working with high voltage electricity, working in confined spaces, and with grease and dirt on equipment. The program's goal of reducing accidents by 7 percent was achieved by committing to the fundamentals of housekeeping, cleaning, and reinforcement of personal responsibility toward safety. Monthly safety walkthroughs with LIRR Systems Safety, safety messages, and communications and coordination with the yardmaster are steps that contributed to zero FRA Reportable injuries in 2007 and 2008 in spite of a 15 percent increase in the number of employees in 2008. Ms. Metzger compared the shop to the new Harmon facility she and Mr. Bickford visited recently.

#### MTA Bus Company – Performance Monitoring Program

The Performance Monitoring Program was presented by Rich Cerezo, Superintendent, Safety Training and Performance Division. The program identified 83 bus operators with 4 accidents during a 12 month period to attend a 2-day training program. Mr. Cerezo noted that the program encourages learning and open discussion. Employees learn about preventability of accidents through active discussions, audio and visual aids, and demonstrations. Behind-the-wheel activities reinforce classroom training.

Mr. Cerezo explained the system of undercover rides and the points-based scoring assessment. In 2007, 4 percent of the operators were responsible for 16 percent of incidents. This was reduced to 4.3 percent of incidents in 2008. Additionally, 376 collisions in 2007 were brought down to 96 in 2008, a 73.5 percent reduction. Ms. Metzger commended the proactive and preventative nature of the program.

#### Long Island Bus - Safety/Training, Facilities & Maintenance Work Group

Ramnarine Roopnarine, Location Safety Officer, explained that the program was established in response to a spike in employee injuries in 2007. Mr. Roopnarine explained that a safety work group identified hazards that were addressed through monthly safety meetings, proper explanations of equipment usage, and safety talks on every tour. Safety bulletins and review of recent injuries-on-duty at each depot involved general superintendents and union representatives. As a result, injuries-on-duty were reduced by 64 percent and lost time accidents by 55 percent from 2007 to 2008. Ms. Metzger also commended the effective 2009 results to date.

#### Metro-North Railroad - Highbridge Car Appearance Facility

Dave Plumb, Assistant Director, Car Appearance, said the facility was injury free in 2008 in a work environment where responsibilities include cleaning, fueling, and changing out components. Safety audits, 24/7 audits, and toolbox talks have helped to gain employee buy-in to the safety team's program. Employees are empowered to inspect equipment, hoses, and tools on a daily basis. Daily recognition of good safety behaviors and monthly employee recognition in group settings also encourage employees to work safely. Such communication and employee ownership have led the decrease from 5 injuries in 2007 to zero in 2008. Ms. Metzger pointed out that team effort is a commonality of all the winning programs.

#### **Remarks**

Ms. Metzger noted that it is difficult to compare year-to-date safety data between 2008 and 2009 due to differences in inclement weather.

Ms. Metzger addressed Chief Coan for an update on police and security activities. Chief Coan commented that crime is down 19 percent for the MTA Police Department. Metro-North and Staten Island experienced reductions of 37% and 63%, respectively. Increased crime was reported in the Eastern region, up 12% in property crime, although down 32% in August. Chief Coan stated that safety, counterterrorism, and crime prevention efforts continue to be assessed on a daily basis. Ms. Metzger commended the decrease in crime due to diligent police work.

#### **Adjournment**

Meeting was moved to adjournment by Ms. Metzger and moved by Mr. Bickford at 4:20 pm.



## SAFETY & SECURITY COMMITTEE WORK PLAN

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### I. RECURRING AGENDA ITEMS

The Safety & Security Committee meets quarterly. The following items are presented each quarter. Operations Support coordinates and compiles the reports provided by the agencies.

<u>Topic</u>	<u>Responsibility</u>
Approval of Minutes	Operations Support
Safety & Security Committee Work Plan	Operations Support
Customer Injury Report	Agencies, Operations Support
Lost Time and Restricted Duty Injury Report	Agencies, Operations Support

### II. SPECIFIC AGENDA ITEMS

Operations Support is responsible for coordinating the preparation of all presentations and reports for the quarterly meetings.

<u>Month</u>	<u>Responsibility</u>
<u>March 2010</u>	
2010 Safety Agenda and 2009 Year-End Safety Report	All Agencies
<u>June 2010</u>	
Cost of Risk Report	MTA Risk & Insurance
Special Security Topic	MTA Security
<u>September 2010</u>	
Excellence in Safety Presentations	Award-Winning Agency Work Groups
<u>December 2010</u>	
Special Security Topic	MTA Security
Review Safety & Security Committee Charter	MTA Operations Support

# **Safety & Security Committee Work Plan**

## **Detailed Summary**

### **I. RECURRING AGENDA ITEMS**

#### **Approval of Minutes**

The Committee is asked to approve an official record of proceedings that occurred during the previous meeting.

#### **Safety & Security Committee Work Plan**

Operations Support informs the Committee of any changes to the Work Plan that occurred after the previous meeting.

#### **Customer Injury Report**

Agencies report the number and rate of customer injuries for the year to date.

#### **Lost Time and Restricted Duty Injury Report**

Agencies report the number and rate of lost time and restricted duty injuries for the year to date.

#### **Crime Report**

NYC Police Department, MTA Police and agencies report the number of crimes in major categories occurring on their property.

### **II. SPECIFIC AGENDA ITEMS**

#### **MARCH 2010**

#### **Safety & Security Agenda and Year-End Safety Report**

Agencies present their safety goals for the current year and describe important safety programs that are underway or planned. Year-end figures for crime, customer injuries, and employee lost time and restricted duty injuries will be presented.

#### **JUNE 2010**

#### **Cost of Risk Report**

MTA Risk and Insurance Management presents a Cost of Risk report for the previous year. The report provides information on total incurred costs by agency, as well as incurred cost by accident type.

#### **Special Security Topics**

Special topics may be suggested by members of the Committee or MTA Director of Security.

## **SEPTEMBER 2010**

### Excellence In Safety Presentations

Agency work groups that were honored in the Spring at the Chairman's Safety Awards present their award-winning programs to the Committee.

## **DECEMBER 2010**

### Special Security Topics

Special topics may be suggested by members of the Committee or MTA Director of Security.

### Review Safety & Security Committee Charter

Annual review of Committee charter.



**Safety and Security  
Committee Charter  
Review**

## **The Metropolitan Transportation Authority**

### **SAFETY & SECURITY COMMITTEE**

This Charter for the Safety & Security Committee was adopted by the Board Chair and a majority of the members of Board of the Metropolitan Transportation Authority, a public benefit corporation established under the laws of the State of New York (together with any other entity or corporation for which the members of the Metropolitan Transportation Authority serve as a board of directors, the "MTA"), on the 29th day of July, 2004. This charter, was amended on the 17<sup>th</sup> day of December, 2008 and further amended on December \_\_\_\_\_, 2009.

Deleted: and

#### **I. PURPOSE**

The Safety & Security Committee (the "Committee") shall assist the Board Chair and the Board by reviewing, providing guidance, and making recommendations with respect to safety and security on an MTA-wide basis.

#### **II. COMMITTEE AUTHORITY**

In discharging its role, the Committee is empowered to investigate any matter brought to its attention. To facilitate any such investigation, the chairperson of the Committee shall have access to all books, records, facilities and staff of the MTA (including any of its subsidiary corporations or affiliates). The foregoing is not intended to alter or curtail existing rights of individual Board members to access books, records or staff in connection with the performance of their fiduciary duties as Board members.

#### **III. COMMITTEE MEMBERSHIP**

The Committee shall consist of 3 or more members of the Board, appointed by the Board Chair. If not otherwise a member of the Committee, each Vice-Chair of the Board shall be an *ex officio* member of the Committee. The Board Chair shall appoint the chairperson of the Committee. In the absence of the chairperson at a meeting of the Committee, the Board Chair shall appoint a temporary chairperson to chair such meeting. A member of the Committee may be removed, for cause or without cause, by the Board Chair.

#### **IV. COMMITTEE MEETINGS**

The Committee shall meet on a regularly-scheduled basis at least 4 times per year, and more frequently as circumstances dictate. The Committee shall cause to be kept adequate minutes of all its proceedings and records of any action taken. Committee members will be furnished with copies of the minutes of each meeting. Meetings of the Committee shall be open to the public, and the Committee shall be governed by the rules regarding public meetings set forth in the applicable provisions of the Public Authorities Law and Article 7 of the Public Officers Law that relate to public notice, public speaking and the conduct of executive session. The Committee may form and assign responsibilities to subcommittees when appropriate.

The Committee may request that any member of the Board, the Auditor General, any officer or staff of the MTA, or any other person whose advice and counsel are sought by the Committee, attend any meeting of the Committee to provide such pertinent information as the Committee requests. The Director of Security and the Director of Operations Support and/or his or her designee shall (1) furnish the Committee with all material information pertinent to matters appearing on the Committee agenda relating to safety and security on an MTA-wide basis, (2) provide the chairperson of the Committee with all information regarding safety and security on an MTA-wide basis that is material to the Committee's monitoring and oversight of safety and security on an MTA-wide basis, and (3) inform the chairperson of the Committee of any matters not already on the Committee agenda that should be added to the agenda in order for the Committee to be adequately monitoring and overseeing safety and security on an MTA-wide basis.

## **V. COMMITTEE REPORTS.**

The chairperson of the Committee shall report on the Committee's proceedings, and any recommendations made.

## **VI. KEY RESPONSIBILITIES**

The following responsibilities are set forth as a guide with the understanding that the Committee may diverge as appropriate given the circumstances. The Committee is authorized to carry out these and such other responsibilities assigned by the Board Chair or the Board, from time to time, and take any actions reasonably related to the mandate of this Charter.

To fulfill its purpose, the Committee shall:

1. Monitor the implementation of the annual safety goals and programs of the MTA and each of its subsidiaries and constituent authorities;
2. Monitor the safety record of the MTA and each of its subsidiaries and constituent authorities, including by selecting and reviewing key safety indicators;
3. Provide a forum for the open discussion of safety and security issues among representatives from the MTA and each of its subsidiaries and constituent agencies;
4. Facilitate the identification of approaches and solutions that address MTA-wide safety and security issues;
5. Set the annual agenda for the Committee;
6. Review and assess the adequacy of this Charter annually;
7. Conduct an annual self-evaluation of the performance of the Committee, including its effectiveness and compliance with this Charter;

8. Report regularly to the Board Chair and Board on Committee findings and recommendations and any other matters the Committee deems appropriate or the Board Chair or the Board requests, and maintain minutes or other records of Committee meetings and activities.

# **MTA Security Presentation**

# Metropolitan Transportation Authority



Safety/Security Committee  
December 14, 2009

Jay H. Walder

Chairman and Chief Executive Officer

William A. Morange  
Director of Security

**Metropolitan Transportation Authority**

# Security Training Program Origin

- 2006: MTA Office of Security retained Kroll Associates to perform a comprehensive assessment of system wide security training
- Kroll's report cited:
  - security training varied greatly among agencies
  - lack of coordination, integration among agencies' training
  - current instructor qualifications for ER training not consistent

## Response to Kroll

- Office of Security established training committee to address Kroll: NYCT, LIRR, MNR represented
- Criteria developed by the committee
- RFP advertised, two contracts awarded:
  - National Transit Institute
  - EAI/SAIC
- Six-hour block of instruction developed



# Training Initiative: Security Awareness

- EAI: trains NYCT Subways and Buses, MTA Bus, LI Bus
- NTI: trains LIRR, MNR
- Classes taught throughout the system, around the clock to maximize the number trained
- 2 phases: class is given in two three-hour blocks (“Phase 1” and “Phase 2”)
- Training commenced September 2007

# Phase 1 (Sept. 2007-Nov. 2009)

## Recognizing and Identifying Suspicious Activity (two hours)

- Identify system vulnerabilities
- Methods of gathering info, surveillance
- Recognize behavioral clues
- Recognize and assess behavior

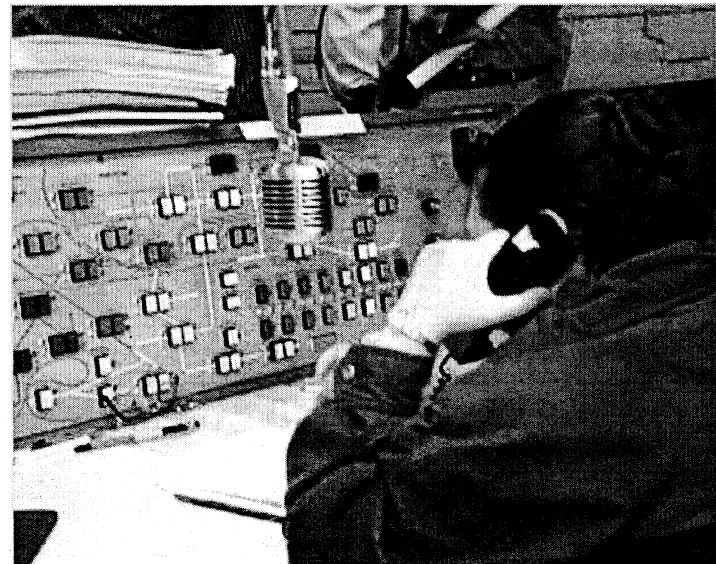
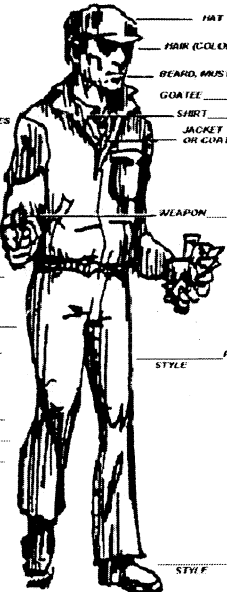
## • Crisis Communications (one hour)

- How to communicate
- Radio protocols
- Verbal vs. non-verbal communications
- Need to know vs. want to know

**PHYSICAL DESCRIPTION**

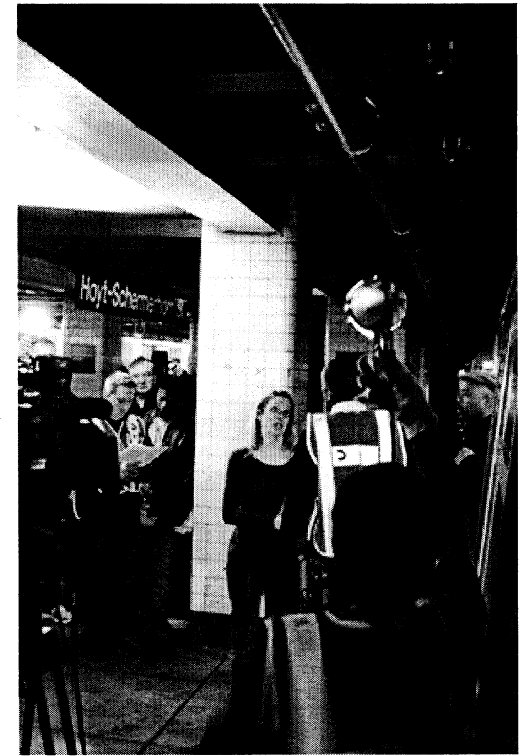
SEX \_\_\_\_\_ HAT (COLOR, STYLE) \_\_\_\_\_  
RACE \_\_\_\_\_ ACCENT \_\_\_\_\_ HAIR (COLOR, CUT) \_\_\_\_\_  
HEIGHT \_\_\_\_\_ BEARD, MUSTACHE, SIDEBURNS \_\_\_\_\_  
WEIGHT \_\_\_\_\_ GOATEE \_\_\_\_\_  
COMPLEXION \_\_\_\_\_ SHIRT \_\_\_\_\_  
EYES - COLOR - EYEGLASSES - SUNGLASSES \_\_\_\_\_ JACKET \_\_\_\_\_  
(ALEY) - (NORMAL) - (DROOPY) \_\_\_\_\_ OR GUAT \_\_\_\_\_  
VISIBLE SCARS, MARKS, TATTOOS \_\_\_\_\_  
APPROX. AGE \_\_\_\_\_ WEAPON \_\_\_\_\_  
**Method of Escape** \_\_\_\_\_  
DIRECTION OF FLIGHT \_\_\_\_\_  
LICENSE PLATE # \_\_\_\_\_  
STATE OF REGISTRATION \_\_\_\_\_  
VEHICLE DESCRIPTION \_\_\_\_\_  
TIME OF OCCURRENCE \_\_\_\_\_  
DATE \_\_\_\_\_ COMPLAINT # \_\_\_\_\_  
LOCATION \_\_\_\_\_  
COOPER ADVANCE: \_\_\_\_\_  
NAME \_\_\_\_\_  
AGE \_\_\_\_\_ M \_\_\_\_\_ F \_\_\_\_\_  
ACTIONS PRIOR TO CRIME: \_\_\_\_\_  
PROPERTY TAKEN \_\_\_\_\_

STYLE PANTS COLOR \_\_\_\_\_  
STYLE SHOES COLOR \_\_\_\_\_



# Phase 2

- 20-30 minute review of Phase 1
- Recent incidents on systems
- Modules on:
  - customer management
  - surveillance
  - crisis communications
- Format: Discussion; interactive role play with video
- Separate videos for each agency



# Training Totals (11/13/09)

## Phase 1

Subways	15,310 (complete)
NYCT Bus	10,492 (complete)
MTA Bus	2282 (complete)
LI Bus	451 (complete)
LIRR	5322 (complete)
MNR	1537 (complete)

## Phase 2

Subways	2963	(18%)
NYCT Bus	417	(4%)
MTA Bus	94	(4%)
LI Bus	19	(2%)
LIRR	start Jan. 2010	
MNR	start Jan. 2010	

# Employee Feedback

Employee feedback is generally very positive, based on:

- Course exercises
- Student evaluations
- Instructor feedback

## Proposed Future of MTA Security Training

- Establishment of full-time training team
- 3-5 persons with experience
- Operating and front-line personnel, supervisors, mid- and upper- level management
- Train on initial tactical decisions, information needed to make these decisions, how these decisions affect the system
- Expand use of computer-based training (CBT), primarily for refresher training

# **Customer and Employee Safety Reports**

3<sup>rd</sup> Quarter 2009

# Customer Injuries

## 3<sup>rd</sup> Quarter 2009

### Rail and B&T Customers Injured per Million Customers

Agency	2008	2009
NYC Transit Subway	3.17	3.36
LIRR	6.21	5.85
MNR	3.44	2.72
B & T Injuries per million vehicles	.97	.93

### Bus Customers Injured in Non-Collision Events per Million Customers

Agency	2008	2009
NYC Transit Bus	1.02	1.00
MTA Bus	1.31	1.48
LI Bus	N/A*	1.42

### Bus Customers & Non-Customers Injured in Collisions per Million Miles

Agency	2008	2009
NYC Transit Bus	5.88	5.83
MTA Bus	5.71	4.36
LI Bus	N/A*	2.92

\* New indicator. Previous data not available.



**New York City Transit Subway Customer Injury Report  
2008 vs. 2009**

2008				2009		
<b>Month</b>	<b>Customer* Injuries</b>	<b>Number of Passengers**</b>	<b>Rate of Customer Injuries</b>	<b>Customer* Injuries</b>	<b>Number of Passengers**</b>	<b>Rate of Customer Injuries</b>
<b>SUBWAYS:</b> JANUARY	345	131,166,739	2.63	523	126,497,447	4.13
FEBRUARY	461	126,163,132	3.65	433	120,723,581	3.59
MARCH	447	136,883,929	3.27	570	137,072,258	4.16
APRIL	454	137,544,523	3.30	449	134,139,924	3.35
MAY	459	140,494,430	3.27	399	133,777,589	2.98
JUNE	428	137,043,178	3.12	433	135,007,077	3.21
JULY	439	138,190,435	3.18	434	133,046,533	3.26
AUGUST	401	131,082,520	3.06	353	124,513,162	2.84
SEPTEMBER	421	138,817,900	3.03	369	133,192,206	2.77
<b>TOTAL</b>	<b>3855</b>	<b>1,217,386,785</b>	<b>3.17</b>	<b>3963</b>	<b>1,177,969,776</b>	<b>3.36</b>

\*\* Subway Passenger Ridership includes figures for Staten Island Railway.

# MTA LONG ISLAND RAIL ROAD

## Customer Injuries

2009 vs. 2008 Year to Date January - September

	2009		2008	
MONTH	NUMBER OF INJURIES	INJURIES PER MILLION CUSTOMERS	NUMBER OF INJURIES	INJURIES PER MILLION CUSTOMERS
JANUARY	46	6.93	36	5.09
FEBRUARY	36	5.91	40	6.05
MARCH	30	4.28	38	5.32
APRIL	40	5.68	51	7.02
MAY	35	5.15	38	5.20
JUNE	44	5.88	54	7.08
JULY	51	7.00	48	6.05
AUGUST	37	5.17	55	7.28
SEPTEMBER	46	6.64	49	6.70
OCTOBER				
NOVEMBER				
DECEMBER				
YEAR-TO-DATE	365	5.85	409	6.21
GOAL		5.43		

-Customer-



## Metro-North Railroad

JAN - SEP 2009  
CUSTOMER INJURIES

MONTH	NUMBER OF INJURIES		INJURIES PER MILLION CUSTOMERS	
	2008	2009	2008	2009
JANUARY	30	16	4.65	2.59
FEBRUARY	25	12	4.07	2.09
MARCH	22	14	3.33	2.12
APRIL	21	10	3.09	1.52
MAY	25	16	3.65	2.50
JUNE	17	29	2.43	4.22
JULY	26	20	3.56	2.93
AUGUST	27	18	3.95	2.82
SEPTEMBER	16	23	2.34	3.53
TOTAL	209	158	3.44	2.72



## Bridges and Tunnels

### CUSTOMER VEHICLE ACCIDENTS WITH INJURY STATISTICS

MONTH	08 VEHICLES (000)*	09 VEHICLES (000)*	08 TOTAL ACCIDENTS	09 TOTAL ACCIDENTS	08 INJURY ACCIDENTS	09 INJURY ACCIDENTS	08 INJURY RATE/M VEHICLES	09 INJURY RATE/M VEHICLES
JANUARY	23,956,124	22,260,909	80	78	13	13	0.54	0.58
FEBRUARY	22,447,197	21,497,488	97	80	22	12	0.98	0.56
MARCH	25,164,876	24,295,234	114	81	20	21	0.79	0.86
APRIL	24,900,328	24,839,950	125	128	21	23	0.84	0.93
MAY	26,172,575	26,019,431	155	146	38	21	1.45	0.81
JUNE	25,940,107	25,783,544	131	157	25	29	0.96	1.12
JULY	26,189,384	26,081,493	134	165	31	40	1.18	1.53
AUGUST	26,448,624	25,994,906	162	167	25	27	0.95	1.04
SEPTEMBER	24,633,191	24,780,816	134	105	25	21	1.01	0.85
TOTAL	225,852,406	221,553,771	1,132	1,107	220	207	0.97	0.93

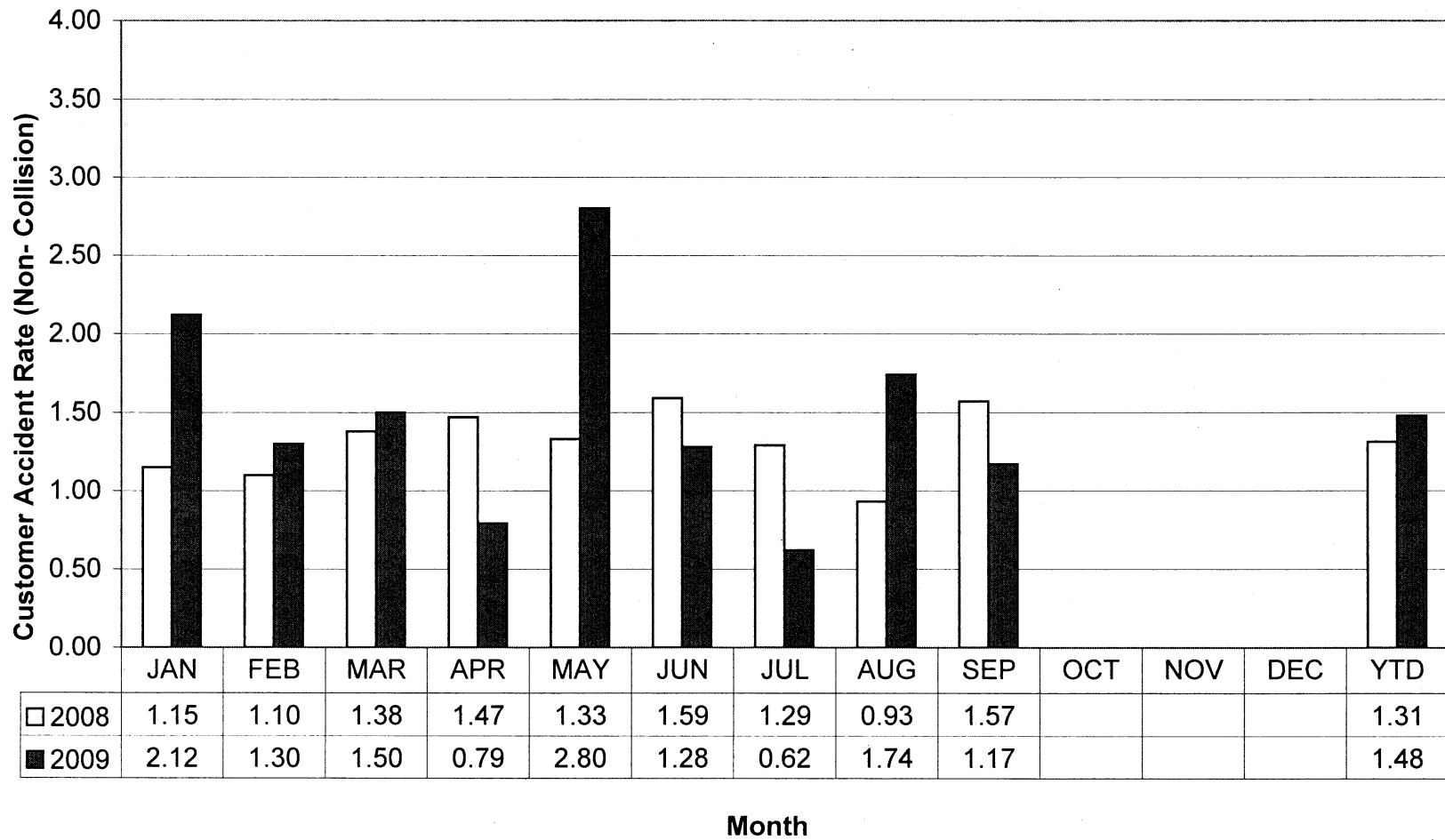
# New York City Transit Bus Customer Injury Report 2008 v. 2009

		2008		2009	
	<i>Month</i>	<i>Rate of Collision Injuries*</i>	<i>Rate of Customer Accident Injuries**</i>	<i>Rate of Collision Injuries*</i>	<i>Rate of Customer Accident Injuries**</i>
<b><u>BUSES:</u></b>	JANUARY	5.73	0.85	8.45	0.65
	FEBRUARY	5.25	0.69	5.54	1.00
	MARCH	3.69	1.28	6.27	0.95
	APRIL	7.70	1.00	3.32	1.09
	MAY	4.65	1.14	4.04	1.01
	JUNE	8.28	1.12	7.30	1.30
	JULY	6.43	1.25	7.81	1.26
	AUGUST	4.35	1.10	7.39	1.27
	SEPTEMBER	6.18	0.85	4.00	1.00
	<b>TOTAL</b>	<b>5.88</b>	<b>1.02</b>	<b>5.83</b>	<b>1.00</b>

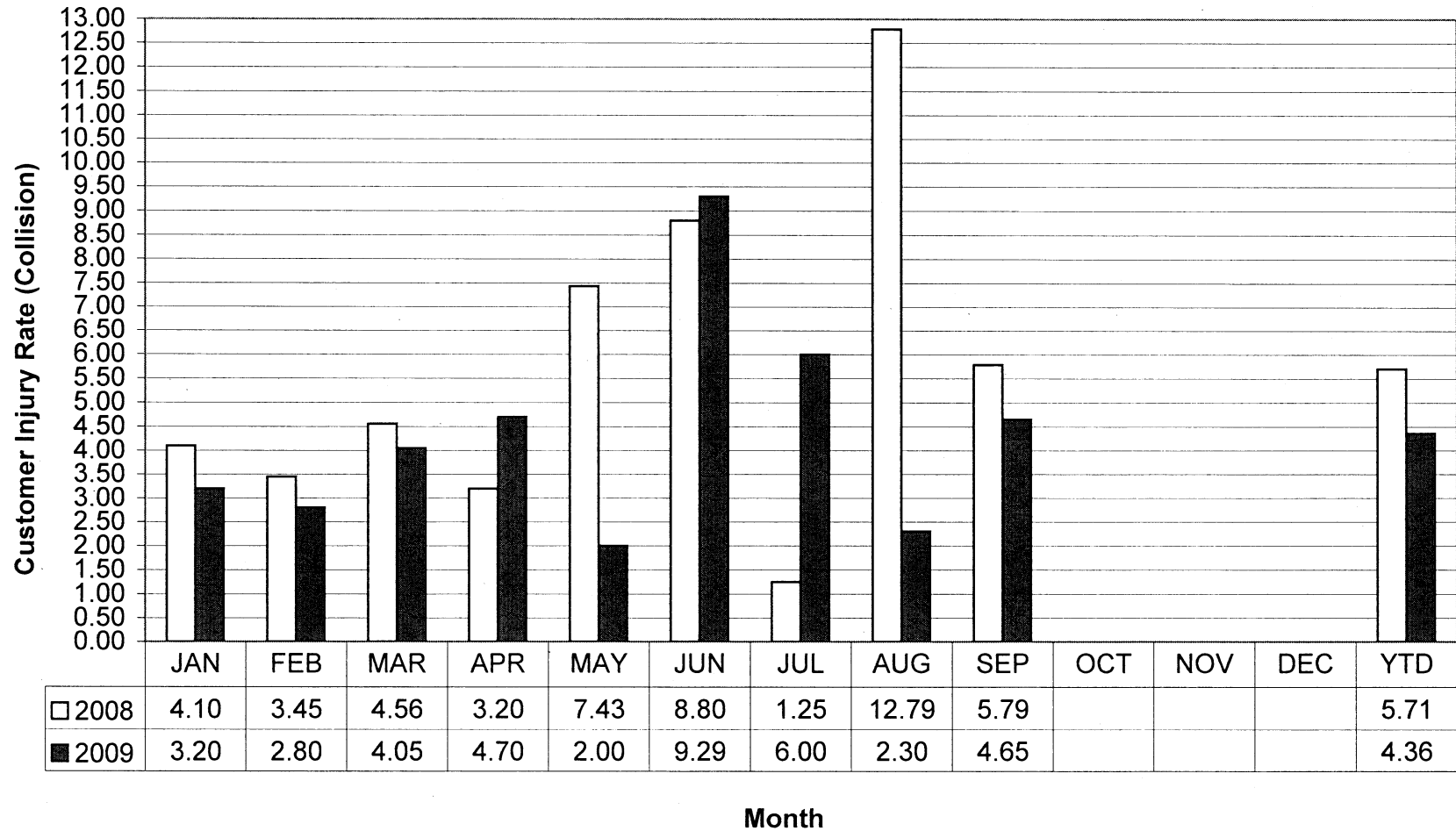
*\* per Million Miles Traveled. An injury resulting from a collision between a bus and another vehicle, an object, a person, or an animal.*

**\*\* per Million Customers.** An injury resulting from an incident on the bus system that occurred while the person was boarding the bus, on board the bus, or alighting from the bus (excludes assaults).

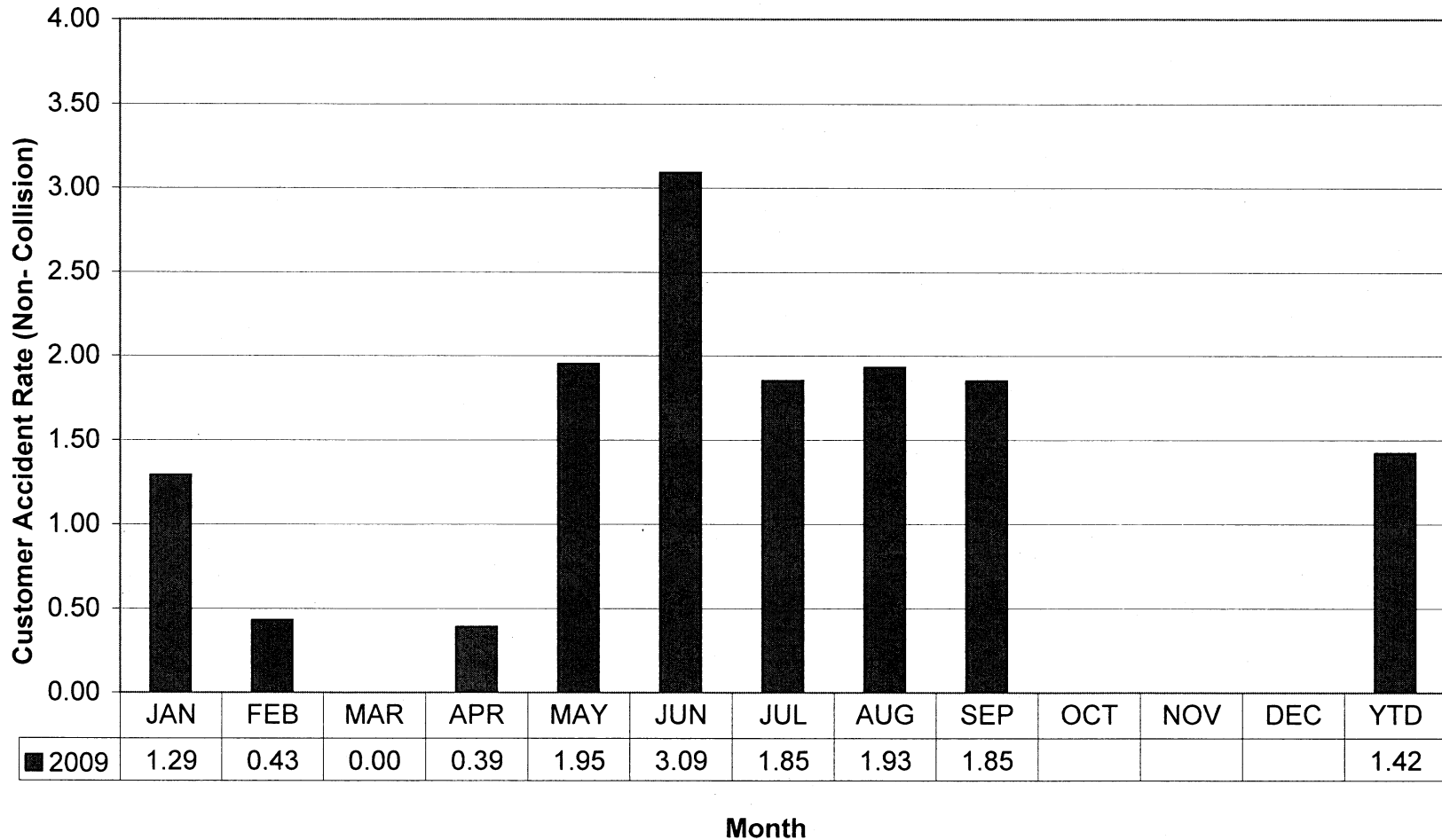
**MTA Bus Company**  
**Customer Accident Injury Rate (Non- Collision) Per One Million Passengers**  
**YTD 2008 v. 2009**



**MTA Bus Company**  
**Collision Injury Rate Per One Million Miles**  
**YTD 2008 v. 2009**



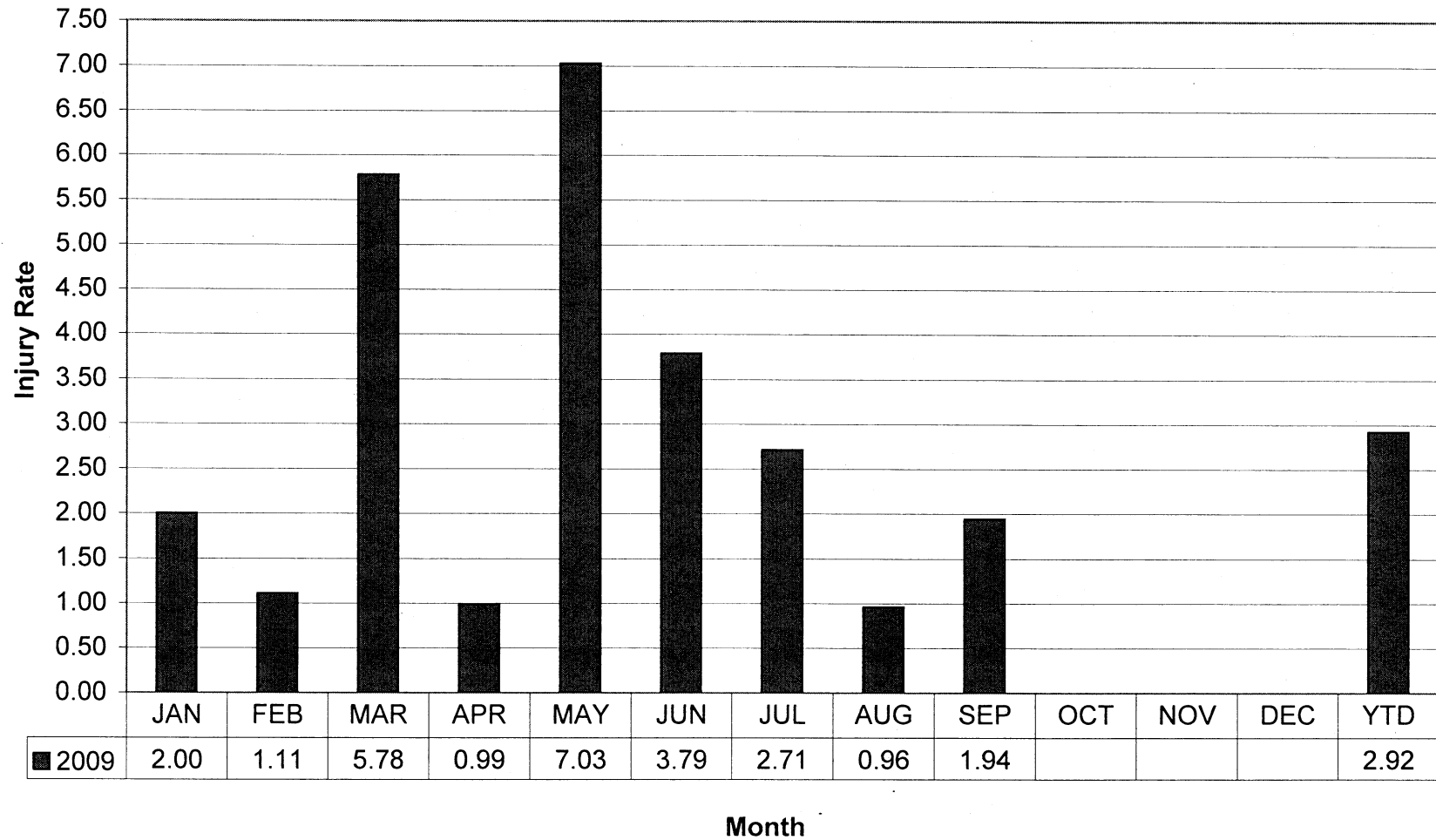
**MTA Long Island Bus**  
**Customer Accident Injury Rate (Non- Collision) Per One Million Passengers**  
**YTD 2008 v. 2009**



\* 2008 Customer Accident Rate (Non-Collision) statistical data is not available. The data was recorded differently and can not be compared to 2009.



**MTA Long Island Bus  
Collision Injury Rate Per One Million Miles  
YTD 2008 v. 2009**



\* 2008 Customer Injury Rate (Collision) statistical data is not available. The data was recorded differently and cannot be compared to 2009.

# Lost Time and Restricted Duty Cases per 200,000 Work Hours

3<sup>rd</sup> Quarter 2009

Agency	Lost Time Rate		Restricted Duty Rate		Total Lost Time & Restricted Duty Rate	
	2008	2009	2008	2009	2008	2009
NYC Transit	2.41	2.95	.04	.04	2.45	2.99
LIRR	1.95	2.40	.07	.02	2.03	2.42
MNR	.7	1.9	.4	.3	1.1	2.3
MTA Bus	6.11	8.39	N/A	N/A	6.11	8.39
LI Bus	3.41	3.45	N/A	N/A	3.41	3.45
B & T	2.4	2.5	N/A	N/A	2.4	2.5
Police	3.4	4.4	N/A	N/A	3.4	4.4
MTACC	2.52	1.03	N/A	N/A	2.52	1.03

**New York City Transit Employee Lost Time and Restricted Work Cases Report  
2008 vs. 2009, YTD through September**

Month	2008				2009			
	Cases Involving Days Away From Work**	Annualized Rate of Cases Involving Days Away	Cases Involving Only Days of Restricted Work*	Annualized Rate of Cases Involving Only Days of Restricted Work	Cases Involving Days Away From Work**	Annualized Rate of Cases Involving Days Away	Cases Involving Only Days of Restricted Work*	Annualized Rate of Cases Involving Only Days of Restricted Work
JANUARY	81	1.91	0	0.00	126	2.99	1	0.02
FEBRUARY	88	2.07	2	0.05	106	2.52	0	0.00
MARCH	90	2.11	1	0.02	126	3.02	2	0.05
APRIL	80	1.88	1	0.02	115	2.75	0	0.00
MAY	118	2.76	5	0.12	130	3.12	3	0.07
JUNE	119	2.79	1	0.02	131	3.14	2	0.05
JULY	123	2.89	1	0.02	137	3.28	1	0.02
AUGUST	116	2.73	2	0.05	144	3.45	3	0.07
SEPTEMBER	108	2.55	3	0.07	97	2.33	2	0.05
<b>TOTAL</b>	<b>923</b>	<b>2.41</b>	<b>16</b>	<b>0.04</b>	<b>1,112</b>	<b>2.95</b>	<b>14</b>	<b>0.04</b>

\* Prior to April 2001, Restricted Work information was obtained from the NYC Transit Medical Assessment Centers (MACs), based on Employee visits. With the changes in Worker's Compensation Law (implemented March 19, 2001), Employees no longer visit MACs for Injury-On-Duty-related reasons as they are now required to visit their own physicians. A new collection procedure for Restricted Work information has been developed and implemented by the NYC Transit Law Department. The Telecommunications & Information Services department working with the Law Department has made modifications to the existing data system. Starting September 2002, the Law Department started entering the Restricted Work information into the data system. Simultaneously, OSS started downloading this information into OSS data system. Be advised that this information is subject to change as new/additional information is received and entered into the system by the Law department.

\*\* Excludes cases related to the 9-11-01 World Trade Center incident.

# MTA Long Island Rail Road

## Lost Time and Restricted Work Cases Report

2008 vs. 2009 Year to Date January - September

### 2009

MONTH	CASES INVOLVING LOST TIME	LOST TIME CASE RATE	CASES INVOLVING RESTRICTED DUTY	RESTRICTED DUTY RATE	TOTAL CASE RATE
JANUARY	12	2.33	0	0.00	12
FEBRUARY	17	3.19	0	0.00	17
MARCH	19	2.58	0	0.00	19
APRIL	13	2.37	1	0.18	14
MAY	11	1.64	0	0.00	11
JUNE	11	1.98	0	0.00	11
JULY	13	1.95	0	0.00	13
AUGUST	19	3.54	0	0.00	19
SEPTEMBER	12	2.25	0	0.00	12
OCTOBER					
NOVEMBER					
DECEMBER					
YEAR-TO-DATE	127	2.40	1	0.02	128
2009 GOAL					1.95

### 2008

MONTH	CASES INVOLVING LOST TIME	LOST TIME CASE RATE	CASES INVOLVING RESTRICTED DUTY	RESTRICTED DUTY RATE	TOTAL CASE RATE
JANUARY	12	2.24	0	0.00	12
FEBRUARY	4	0.79	0	0.00	4
MARCH	12	1.76	0	0.00	12
APRIL	7	1.24	0	0.00	7
MAY	12	2.18	0	0.00	12
JUNE	17	2.34	2	0.28	19
JULY	11	2.01	2	0.37	13
AUGUST	14	2.46	0	0.00	14
SEPTEMBER	16	2.30	0	0.00	16
OCTOBER					
NOVEMBER					
DECEMBER					
YEAR-TO-DATE	105	1.95	4	0.07	109
					2.03



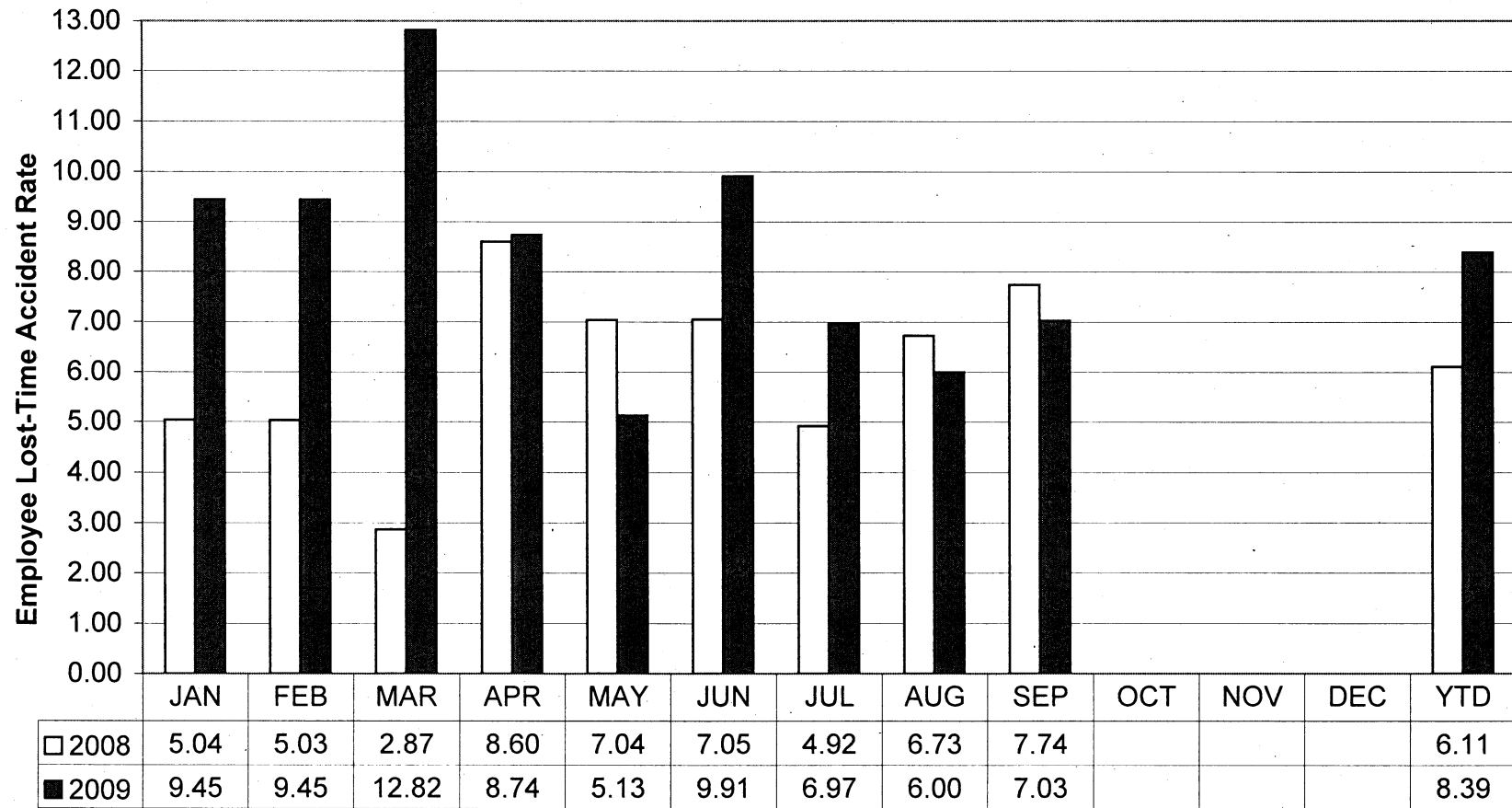
## Metro-North Railroad

JAN - SEP 2009

### LOST TIME AND RESTRICTED DUTY WORK CASES REPORT

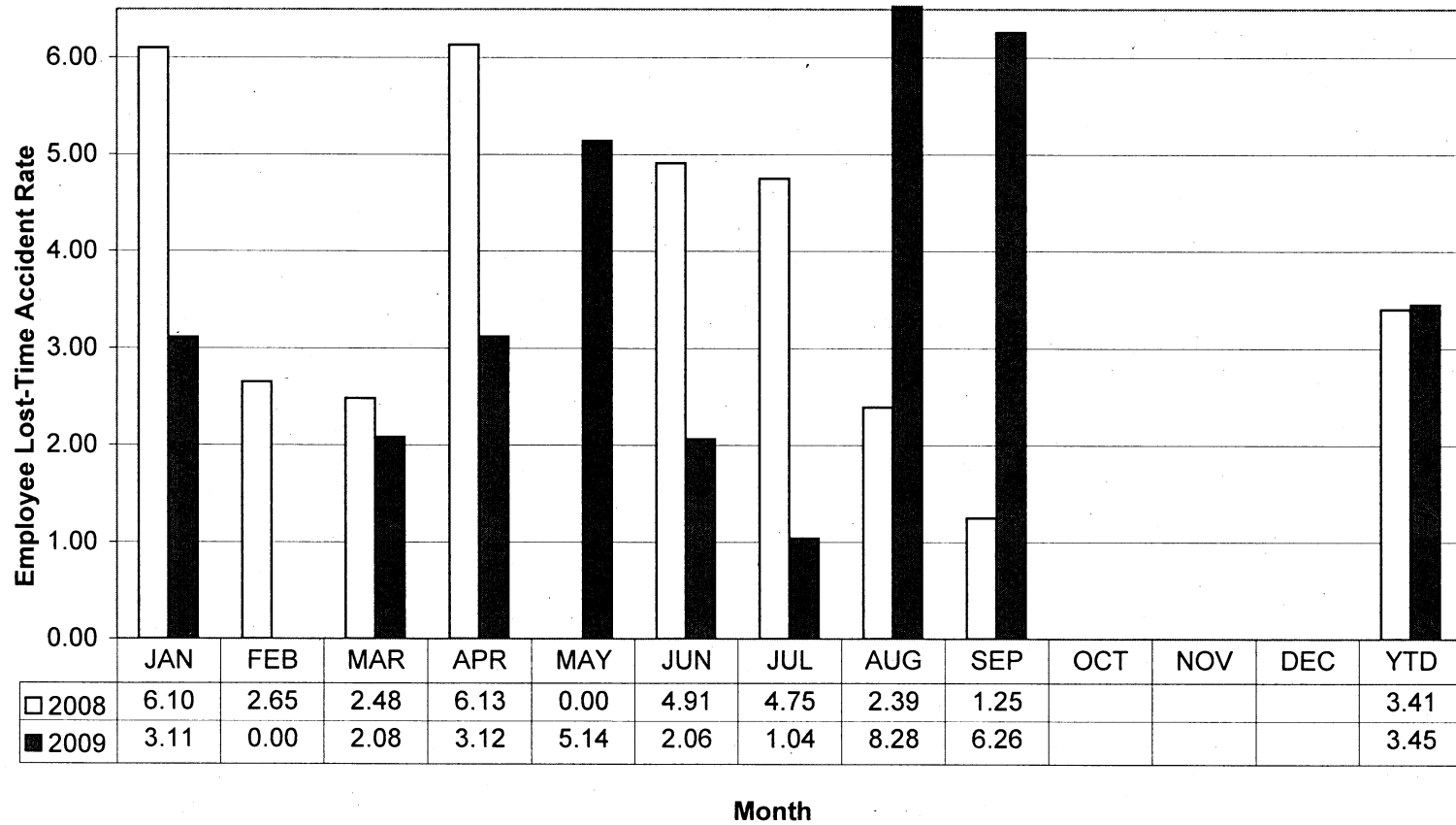
MONTH	CASES INVOLVING DAYS AWAY FROM WORK		ANNUALIZED RATE OF CASES INVOLVING DAYS AWAY FROM WORK		CASES INVOLVING DAYS OF RESTRICTED WORK		ANNUALIZED RATE OF CASES INVOLVING DAYS OF RESTRICTED WORK	
	2008	2009	2008	2009	2008	2009	2008	2009
JANUARY	1	13	0.2	2.4	0	3	0.0	0.6
FEBRUARY	1	7	0.2	1.4	3	1	0.6	0.2
MARCH	5	12	1.0	2.1	3	1	0.6	0.2
APRIL	7	10	1.3	1.9	2	2	0.4	0.4
MAY	4	10	0.8	1.9	1	0	0.2	0.0
JUNE	5	4	0.9	0.7	1	3	0.2	0.6
JULY	3	13	0.6	2.3	7	2	1.3	0.4
AUGUST	3	15	0.6	2.9	2	0	0.4	0.0
SEPTEMBER	6	5	1.1	1.0	1	4	0.2	0.8
TOTAL	35	89	0.7	1.9	20	16	0.4	0.3

**MTA Bus Company  
Employee Lost-Time Accident Rate  
YTD 2008 v. 2009**



Month

**MTA Long Island Bus  
Employee Lost-Time Accident Rate  
YTD 2008 v. 2009**



\* 2008 statistical data is not available. The data was recorded differently and cannot be compared to 2009.



## Bridges and Tunnels

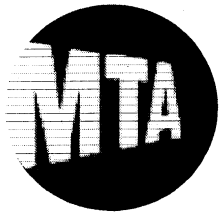
### EMPLOYEE LOST TIME ACCIDENT STATISTICS BY MONTH

MONTH	08 NUMBER OF INJURIES	09 NUMBER OF INJURIES	08 TOTAL HOURS WORKED	09 TOTAL HOURS WORKED	08 FREQUENCY (Injuries Per 200,000 Hours)	09 FREQUENCY (Injuries Per 200,000 Hours)
JANUARY	1	1	317,611	309,687	0.6	0.6
FEBRUARY	3	2	305,519	282,009	2.0	1.4
MARCH	2	5	317,611	327,137	1.3	3.1
APRIL	7	2	324,405	314,582	4.3	1.3
MAY	5	3	317,074	298,798	3.2	2.0
JUNE	3	3	314,994	310,269	1.9	1.9
JULY	6	6	328,426	318,677	3.7	3.8
AUGUST	1	6	308,216	299,045	0.6	4.0
SEPTEMBER	6	6	315,699	303,421	3.8	4.0
TOTAL	34	34	2,849,554	2,763,623	2.4	2.5



**MTA POLICE  
LOST TIME CASES REPORT**

	2008		2009	
	Lost Time Cases	Lost Time Case Rate	Lost Time Cases	Lost Time Case Rate
January	1	5.4	8	9.5
February	2	3.2	5	11.7
March	2	3.3	2	3.5
April	1	1.0	2	4.8
May	3	2.8	3	2.1
June	2	3.8	1	0.3
July	0	0	1	2.0
August	4	4.9	1	2.3
September	4	3.2	3	3.4
Year-to-Date	19	3.4	26	4.4



# Capital Construction

## SYSTEM EXPANSION PROJECTS

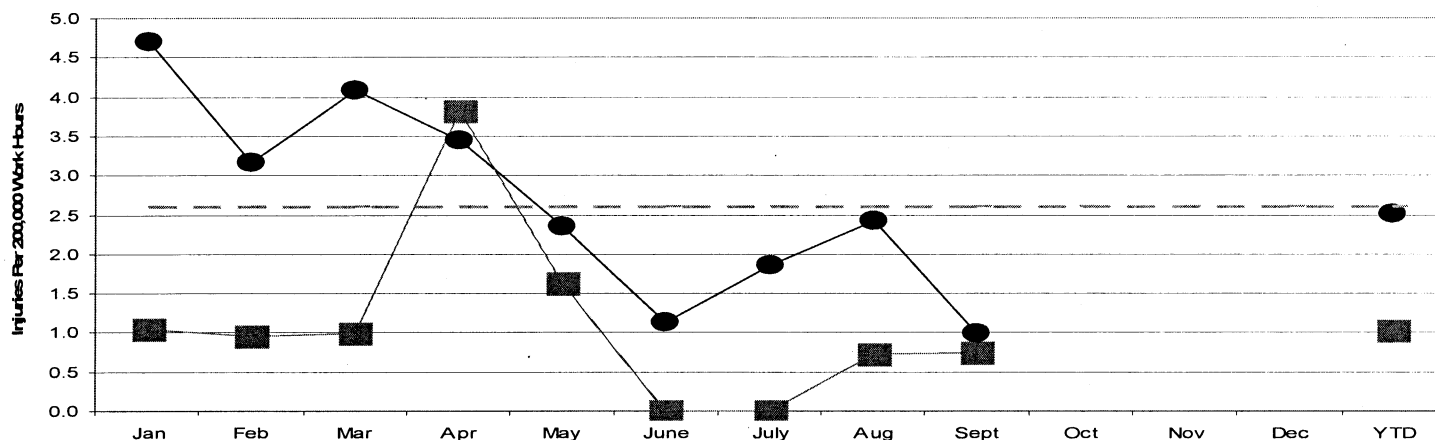
CONTRACTS SAS, SFTS, FSTC, ESA, Security & 7 LINE EXT.

### CONTRACTORS' LOST TIME INJURY STATISTICS

To 3<sup>rd</sup> QUARTER, 2008 & 2009

Month	Monthly Hours	Monthly Injuries	Rate	Monthly Hours	Monthly Injuries	Rate
	<b>2008</b>			<b>2009</b>		
January	127,585	3	4.70	191,832	1	1.04
February	126,166	2	3.17	209,825	1	0.95
March	147,238	3	4.08	201,066	1	0.99
April	174,038	3	3.45	210,060	4	3.81
May	169,972	2	2.35	245,456	2	1.63
June	177,779	1	1.12	261,760	0	0.00
July	216,234	2	1.85	282,145	0	0.00
August	248,474	3	2.41	274,636	1	0.73
September	202,612	1	0.99	268,262	1	0.75
YTD	1,590,098	20	2.52	2,145,040	11	1.03

Profile of Lost Time Injury Rate



● Contractor's Lost Time Injury Rate: 2008  
 ■ Contractor's Lost Time Injury Rate: 2009  
 — BLS National Industry Rate for Heavy & Civil Construction

# **Agency Crime Statistics**



Police Department  
City of New York

REPORT

**CRIME STATISTICS SEPTEMBER**

	2009	2008	Diff	% Change
MURDER	0	0	0	0.0%
RAPE	0	0	0	0.0%
ROBBERY	58	58	0	0.0%
FELASSAULT	10	16	-6	-37.5%
BURGLARY	0	0	0	0.0%
GRLARCENY	89	108	-19	-17.6%
<b><u>TOTAL MAJOR FELONIES</u></b>	<b><u>157</u></b>	<b><u>182</u></b>	<b><u>-25</u></b>	<b><u>-13.7%</u></b>

*During September the daily Robbery average remained the same at 1.9*

*During September the daily Major Felony average decreased from 6.1 to 5.2*

**CRIME STATISTICS JANUARY THRU SEPTEMBER**

	2009	2008	Diff	% Change
MURDER	1	2	-1	-50.0%
RAPE	1	2	-1	-50.0%
ROBBERY	522	559	-37	-6.6%
FELASSAULT	114	132	-18	-13.6%
BURGLARY	1	5	-4	-80.0%
GRLARCENY	835	976	-141	-14.4%
<b><u>TOTAL MAJOR FELONIES</u></b>	<b><u>1474</u></b>	<b><u>1676</u></b>	<b><u>-202</u></b>	<b><u>-12.1%</u></b>

*Year to date, the daily Robbery average decreased from 2 to 1.9*

*Year to date, the daily Major Felony average decreased from 6.1 to 5.4*

**FIGURES ARE PRELIMINARY AND SUBJECT TO FURTHER ANALYSIS AND REVISION**



**Police Department  
City of New York**

**REPORT**

**SEPTEMBER ACTIVITY**

	<b>2009</b>	<b>2008</b>	<b>Diff</b>	<b>% Change</b>
TotalArrest	4136	3746	389	10.4%
TosArrest	1791	1566	225	14.4%
Summ	10170	11865	-1695	-14.3%
Ejection	2774	3449	-675	-19.6%

**JANUARY - SEPTEMBER ACTIVITY**

	<b>2009</b>	<b>2008</b>	<b>Diff</b>	<b>% Change</b>
TotalArrest	34585	29818	4766	16.0%
TosArrest	14821	12365	2456	19.9%
Summ	93479	103313	-9834	-9.5%
Ejection	25606	33580	-7974	-23.7%

***FIGURES ARE PRELIMINARY AND SUBJECT TO FURTHER ANALYSIS AND REVISION***



**Police Department**  
**City of New York**

# REPORT

	<b>JANUARY - SEPTEMBER</b>												
	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Murder</b>	4	1	4	1	2	1	3	3	4	2	4	2	1
<b>Rape</b>	1	13	0	4	2	0	2	2	3	3	1	2	1
<b>Robbery</b>	1662	1382	1237	1034	897	924	860	792	875	727	583	559	522
<b>Assault</b>	344	333	303	260	196	206	183	200	168	139	154	132	114
<b>Burglary</b>	24	12	6	5	37	11	6	6	1	5	2	5	1
<b>GL</b>	2605	1947	1791	1885	1660	1621	1302	1386	1347	1106	945	976	835
<b>TOTAL MAJOR FELONIES</b>	<b>4640</b>	<b>3688</b>	<b>3341</b>	<b>3189</b>	<b>2794</b>	<b>2763</b>	<b>2356</b>	<b>2389</b>	<b>2398</b>	<b>1982</b>	<b>1689</b>	<b>1676</b>	<b>1474</b>
<b>Major Fel Per Day</b>	<b>17.0</b>	<b>13.5</b>	<b>12.2</b>	<b>11.7</b>	<b>10.2</b>	<b>10.1</b>	<b>08.6</b>	<b>08.8</b>	<b>08.8</b>	<b>07.3</b>	<b>06.2</b>	<b>06.1</b>	<b>05.4</b>



**METROPOLITAN TRANSPORTATION AUTHORITY**  
**Police Department**  
**System Wide**

September 2009

	2009	2008	Diff	%Change
<b>Murder</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>
<b>Rape</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>
<b>Robbery</b>	<b>3</b>	<b>7</b>	<b>-4</b>	<b>-57%</b>
<b>Felony Assault</b>	<b>2</b>	<b>3</b>	<b>-1</b>	<b>-33%</b>
<b>Burglary</b>	<b>1</b>	<b>4</b>	<b>-3</b>	<b>-75%</b>
<b>Grand Larceny</b>	<b>21</b>	<b>17</b>	<b>4</b>	<b>24%</b>
<b>GLA</b>	<b>0</b>	<b>1</b>	<b>-1</b>	<b>-100%</b>
<b>Total Major Felonies</b>	<b>27</b>	<b>32</b>	<b>-5</b>	<b>-16%</b>

January to September, 2009

	2009	2008	Diff	%Change
<b>Murder</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0%</b>
<b>Rape</b>	<b>0</b>	<b>1</b>	<b>-1</b>	<b>-100%</b>
<b>Robbery</b>	<b>27</b>	<b>48</b>	<b>-21</b>	<b>-44%</b>
<b>Felony Assault</b>	<b>28</b>	<b>26</b>	<b>2</b>	<b>8%</b>
<b>Burglary</b>	<b>11</b>	<b>20</b>	<b>-9</b>	<b>-45%</b>
<b>Grand Larceny</b>	<b>142</b>	<b>168</b>	<b>-26</b>	<b>-15%</b>
<b>GLA</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>33%</b>
<b>Total Major Felonies</b>	<b>217</b>	<b>269</b>	<b>-52</b>	<b>-19%</b>

FIGURES ARE PRELIMINARY AND SUBJECT TO FURTHER ANALYSIS AND REVISION



**METROPOLITAN TRANSPORTATION AUTHORITY**  
**Police Department**  
**Long Island Rail Road**

September 2009

	2009	2008	Diff	%Change
<b>Murder</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>
<b>Rape</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>
<b>Robbery</b>	<b>2</b>	<b>3</b>	<b>-1</b>	<b>-33%</b>
<b>Felony Assault</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0%</b>
<b>Burglary</b>	<b>0</b>	<b>2</b>	<b>-2</b>	<b>-100%</b>
<b>Grand Larceny</b>	<b>12</b>	<b>6</b>	<b>6</b>	<b>100%</b>
<b>GLA</b>	<b>0</b>	<b>1</b>	<b>-1</b>	<b>-100%</b>
<b>Total Major Felonies</b>	<b>15</b>	<b>13</b>	<b>2</b>	<b>15%</b>

January to September, 2009

	2009	2008	Diff	%Change
<b>Murder</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0%</b>
<b>Rape</b>	<b>0</b>	<b>1</b>	<b>-1</b>	<b>-100%</b>
<b>Robbery</b>	<b>15</b>	<b>19</b>	<b>-4</b>	<b>-21%</b>
<b>Felony Assault</b>	<b>17</b>	<b>15</b>	<b>2</b>	<b>13%</b>
<b>Burglary</b>	<b>3</b>	<b>7</b>	<b>-4</b>	<b>-57%</b>
<b>Grand Larceny</b>	<b>87</b>	<b>71</b>	<b>16</b>	<b>23%</b>
<b>GLA</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>150%</b>
<b>Total Major Felonies</b>	<b>128</b>	<b>115</b>	<b>13</b>	<b>11%</b>

*FIGURES ARE PRELIMINARY AND SUBJECT TO FURTHER ANALYSIS AND REVISION*





**METROPOLITAN TRANSPORTATION AUTHORITY**  
**Police Department**  
**Metro North Railroad**

**September 2009**

	<b>2009</b>	<b>2008</b>	<b>Diff</b>	<b>%Change</b>
<b>Murder</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>
<b>Rape</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>
<b>Robbery</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0%</b>
<b>Felony Assault</b>	<b>1</b>	<b>2</b>	<b>-1</b>	<b>-50%</b>
<b>Burglary</b>	<b>1</b>	<b>2</b>	<b>-1</b>	<b>-50%</b>
<b>Grand Larceny</b>	<b>7</b>	<b>10</b>	<b>-3</b>	<b>-30%</b>
<b>GLA</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>
<b>Total Major Felonies</b>	<b>10</b>	<b>15</b>	<b>-5</b>	<b>-33%</b>

**January to September, 2009**

	<b>2009</b>	<b>2008</b>	<b>Diff</b>	<b>%Change</b>
<b>Murder</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>
<b>Rape</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>
<b>Robbery</b>	<b>9</b>	<b>8</b>	<b>1</b>	<b>13%</b>
<b>Felony Assault</b>	<b>9</b>	<b>9</b>	<b>0</b>	<b>0%</b>
<b>Burglary</b>	<b>8</b>	<b>13</b>	<b>-5</b>	<b>-38%</b>
<b>Grand Larceny</b>	<b>48</b>	<b>89</b>	<b>-41</b>	<b>-46%</b>
<b>GLA</b>	<b>3</b>	<b>4</b>	<b>-1</b>	<b>-25%</b>
<b>Total Major Felonies</b>	<b>77</b>	<b>123</b>	<b>-46</b>	<b>-37%</b>

*FIGURES ARE PRELIMINARY AND SUBJECT TO FURTHER ANALYSIS AND REVISION*



**METROPOLITAN TRANSPORTATION AUTHORITY**  
**Police Department**  
**Staten Island Rapid Transit**

September 2009

	2009	2008	Diff	%Change
<b>Murder</b>	0	0	0	0%
<b>Rape</b>	0	0	0	0%
<b>Robbery</b>	0	3	-3	-100%
<b>Felony Assault</b>	0	0	0	0%
<b>Burglary</b>	0	0	0	0%
<b>Grand Larceny</b>	2	1	1	100%
<b>GLA</b>	0	0	0	0%
<b>Total Major Felonies</b>	2	4	-2	-50%

January to September, 2009

	2009	2008	Diff	%Change
<b>Murder</b>	0	0	0	0%
<b>Rape</b>	0	0	0	0%
<b>Robbery</b>	3	21	-18	-86%
<b>Felony Assault</b>	2	2	0	0%
<b>Burglary</b>	0	0	0	0%
<b>Grand Larceny</b>	7	8	-1	-13%
<b>GLA</b>	0	0	0	0%
<b>Total Major Felonies</b>	12	31	-19	-61%

FIGURES ARE PRELIMINARY AND SUBJECT TO FURTHER ANALYSIS AND REVISION

