



**Metropolitan Transportation Authority**

# **Safety Committee Meeting November 2022**

---

## **Committee Members**

J. Lieber, Chair

A. Albert

N. Brown

S. Chu

M. Fleischer

B. Lopez

D. Mack

H. Mihaltses

F. Miranda

J. Samuelson

L. Sorin

V. Tessitore

N. Zuckerman

# **Safety Committee Meeting**

**2 Broadway, 20th Floor Board Room**

**New York, NY 10004**

**Tuesday, 11/29/2022**

**8:30 - 9:00 AM ET**

## **1. Public Comments**

## **2. Approval of Minutes -**

*Safety Committee Minutes - Page 3*

## **3. Safety Committee Work Plan**

*Safety Cmte Work Plan 2022 - Page 6*

## **4. Safety Metrics**

*MNR Safety Metrics - Page 8*

*LIRR Safety Metrics - Page 9*

*B&T Safety Metrics - Page 10*

*NYCT Safety Metrics - Page 11*

*C&D Safety Metrics - Page 12*

## **5. Committee Presentation**

*Safety/Security Committee Brief - Page 14*

**CCTV Update**

**NTSB Update**

**Drug & Alcohol Testing**

Date of Next Meeting: January 2023

**Metropolitan Transportation Authority  
Minutes of the  
Safety Committee Meeting  
2 Broadway, 20<sup>th</sup> Floor  
New York, NY 10004**

**Monday, July 25, 2022  
8:30 AM**

**The following Board Members were present (\*Attended remotely):**

**Hon. Janno Lieber, Chair  
Hon. Andrew Albert  
Hon. Norman Brown  
Hon. Samuel Chu  
Hon. Robert Mack  
Hon. Frankie Miranda  
Hon. Lisa Sorin  
Hon. Vincent Tessitore\*  
Hon. Neal Zuckerman**

**The following Board Members were absent:**

**Hon. John Samuelsen**

The following agency safety & security officers were present in person or by video conference:

Patrick Warren, Metropolitan Transportation Authority, Headquarters (“MTAHQ”)  
Carl Hamann, Metropolitan Transportation Authority, Headquarters (“MTAHQ”)  
Robert Diehl, MTA New York City Transit (“NYCT”)  
Loretta Ebbighausen, MTA Long Island Rail Road (“LIRR”)  
Shelly Prettyman, Metro-North Railroad (“MNR”)  
Pashko Camaj, MTA Bridges and Tunnels (“B&T”)  
Ausberto Huertas, MTA Construction and Development (“C&D”)  
Chief John Mueller, MTA Police (“MTAPD”)  
Steven Hansen, Metropolitan Transportation Authority, Headquarters (“MTAHQ”)  
Donald Look, MTA Bridges and Tunnels (“B&T”)  
Mike Metz, Metro-North Railroad (“MNR”)  
Bob Murphy, MTA Long Island Rail Road (“LIRR”)

**Chair Lieber chaired the July meeting and called the meeting to order.**

Chair Lieber asked Patrick Warren if there were any public speakers.

**PUBLIC SPEAKERS’S SESSION**

The following public speakers commented:

Murray Bodin, Concerned Grandparents  
Christopher Greif, PCAC

Refer to the video recording of the meeting produced by the MTA and maintained in MTA records, for the content of speakers' statements.

### **APPROVAL OF MINUTES**

Upon motion duly made and seconded, the minutes of the April 2022 Safety Committee were approved.

### **SAFETY COMMITTEE WORK PLAN**

Chair Lieber asked if there any changes to the work plan. Patrick Warren stated two changes to the work plan. One: the clean energy program will be briefed in another venue. Two: the next Safety Committee Meeting originally scheduled for October will now take place in November.

Chair Lieber turned the meeting over to Patrick Warren to go through the Safety & Security Committee meeting agenda.

### **SAFETY POLICY:**

Mr. Warren stated that the safety statistics can be viewed in the Committee Book starting on page 8 and we have seen a positive trend on injuries and assaults.

Mr. Warren went on to provide an update Homeless Outreach Program. He discussed the number of homeless sheltering on trains and throughout the system the programs being used to combat this social crisis. Mr. Warren provided an overview of the programs being implemented across the enterprise to address these challenges and quality of life concerns. End of line and Grand Central Terminal Committee.

Board Member Mack asked what we've done to encourage recruits to the MTAPD and welcome Chief Mueller to the MTA. Mr. Warren responded to Board Member Mack and highlighted some of the activities.

Board Member Albert commented on one of the maps in the presentation citing it may need a redraw. Mr. Warren thanked Board Member Albert.

Chair Lieber welcomed Chief Mueller for joining the MTA. Chief Mueller thanked the Chairman.

Mr. Warren also noted the addition of agency security officers in attendance, and we will continue to meld the two together, Safety & Security.

Mr. Warren moved on to the next item on the agenda, Railroad grade crossings. Mr. Warren described the various efforts with stakeholders and partners. He went on to highlight the various grant programs being utilized to improve safety at Grade Crossings across the system.

Chair Lieber highlighted the elimination of eight grade crossings as part of the third track project.

Mr. Warren turned over the presentation to Lori Ebbighausen to highlight LIRR efforts regarding grade crossing safety.

Board Member Albert asked about the distance of signage at the crossings. Ms. Ebbighausen responded to the board member's question and continued with the presentation.

Ms. Ebbighausen then turned the presentation to her colleague at Metro-North, Shelley Prettyman. Ms. Prettyman described the various grade crossing safety improvements across Metro-North territory.

Board Member Zuckerman thanked Ms. Prettyman and President Rinaldi for the efforts that have been accomplished in Metro-North territory.

Board Member Miranda asked a question if the MTA reached out to additional navigational partners beyond Waze to build on the work that has been accomplished with Waze. Ms. Ebbighausen responded to Board Member Miranda's question.

Board Member Lopez asked how active the local communities were with the railroad educational outreach. Ms. Ebbighausen and Ms. Prettyman responded to the board members question on the partnership with the communities.

Chair Lieber asked that Board Member Lopez, who represents Westchester County, be provided with a list of contacts made. Ms. Prettyman responded that she would be happy to do that.

Board Member Mack asked if could look at extra lighting at grade crossings and that the numbers provided. Chair Lieber responded to the Board Member's question.

Board Member Albert asked a question about transit derailment statistics. Robert Diehl responded to the Board Member Albert's question.

Board Member Albert also asked if there was follow up to the Homeless Outreach placements from the end of line program. Mr. Warren responded to the Board Member's question. Chair Lieber also commented on the NYC outreach program.

Board Member Brown asked a question about enforcement statistics and about a large disparity between the two railroads. (MNR & LIRR) Mr. Warren noted he would provide the details to Board Member Brown.

Board Member Tessitore welcomed Chief Mueller and noted about dedicated train patrols to address railroad worker assaults. Chair Lieber responded to the Board Member's comments and the increase in dedicated train patrols and encouraged collaboration with labor relations and MTAPD.

Board Member Mack commented on the need for men and women in the MTAPD and the availability of the Nassau County academy.

Please refer to the video recording of the meeting produced by the MTA and maintained in MTA records for the content of the speaker's presentation and detailed comments.

## **ADJOURNMENT**

Chair Lieber asked for a motion to adjourn the meeting. A motion was made and seconded and the meeting was adjourned.

# 2022 Safety Committee Work Plan

---

## I. RECURRING AGENDA ITEMS

<u>Topic</u>	<u>Responsibility</u>
Public Comments	Committee Chair & Members
Approval of Minutes	Committee Chair & Members
Committee Work Plan	Committee Chair & Members

## II. SPECIFIC AGENDA ITEMS

### Responsibility

### January 2022

- |                                 |                                   |
|---------------------------------|-----------------------------------|
| - Approval of 2022 Work Plan    | MTA Chief Safety & Security       |
| - COVID-19 Update               | MTA Chief Safety & Security       |
| - Security Grant Program Update | MTA Office of Security Operations |

### April 2022

- |                        |                              |
|------------------------|------------------------------|
| - Marijuana Policy     | MTA Corporate Health Officer |
| - Police Reform Update | MTA Chief Safety & Security  |

### July 2022

- |                                       |                                 |
|---------------------------------------|---------------------------------|
| - Homeless Outreach Program Update    | MTA Chief Safety & Security     |
| - Grade Crossing Enhancement Projects | MTA Office of Safety Management |

### November 2022

- |                                     |                              |
|-------------------------------------|------------------------------|
| - Drug & Alcohol Program Statistics | MTA Corporate Health Officer |
| - CCTV Cameras Update               | MTA Chief Safety & Security  |
| - NTSB Recommendations Update       | MTA Chief Safety & Security  |

## Detailed Summary

### I. RECURRING AGENDA ITEMS

#### Approval of Minutes

The Committee Chair will request a motion to approve the minutes of the prior meeting of the Safety Committee.

#### Committee Work Plan

The Work Plan will list, by meeting, the topics scheduled for review. The Committee will be advised if any changes have been made to the plan.

### II. SPECIFIC AGENDA ITEMS

## **January 2022**

### Approval of the 2022 workplan

The committee will receive a discussion on the 2022 workplan and be asked to approve.

### Covid-19 Update

The committee will be briefed on Covid-19 related activities.

### Security Grant Program Update

The committee will be briefed on the Security Grant Program.

## **April 2022**

### Marijuana Policy

The committee will receive a briefing on the MTA's Marijuana Policy.

### Police Reform Update

The committee will receive a briefing on Police Reform.

## **July 2022**

### Homeless Outreach Program Update

The committee will receive a report on the Homeless Outreach Program.

### Grade Crossing Enhancement Projects

The committee will be briefed on the railroad Grade Crossing Enhancement Projects.

## **November 2022**

### Drug & Alcohol Program Statistics

The committee will receive an update on Drug & Alcohol Statistics.

### CCTV Cameras Update

The committee will receive an update on CCTV Cameras.

### NTSB Recommendations Update

The committee will receive an update on the status of Recommendations issued to the MTA by the NTSB.

## September 2022 Safety Report

Performance				
Performance Indicator	12-Month Average			
	October 2019 - September 2020	October 2020 - September 2021	October 2021 - September 2022	
FRA Reportable Customer Injury Rate per Million Customers	1.15	2.03	2.18	
FRA Reportable Employee Lost Time Injury Rate per 200,000 worker hours <sup>1</sup>	2.00	1.85	2.28	
	2021		2022	
	September	Year to Date	September	Year to Date
Grade Crossing Incidents <sup>2</sup>	0	0	0	1
Mainline FRA Reportable Train Derailments	0	0	0	2
Mainline FRA Reportable Train Collisions	0	0	0	0

<sup>1</sup> Due to a global issue impacting the Metropolitan Transportation Authority (MTA)'s time keeping system, employee hours of work for Transportation were estimated for April 2022 - September 2022. The MTA is working to correct the problem and will update the affected employee injury rates after it is resolved.

<sup>2</sup> Per FRA - Any impact between railroad on-track equipment and a highway user at a highway-rail grade crossing. The term "highway user" includes automobiles, buses, trucks, motorcycles, bicycles, farm vehicles, pedestrians, and all other modes of surface transportation motorized and un-motorized.

Leading Indicators				
Safety Training	2021		2022	
	September	Year to Date	September	Year to Date
First Responders Trained	112	1,157	72	1,358
Employee Safety Training Courses	157	297	212	386
Employees Trained	987	5,462	1,250	5,367
Employee Safety Training Hours	12,821	138,552	29,111	244,920
Customer and Community: Focus on Grade Crossings				
Broken Gates	0	9	0	15
MTA Police Details	39	285	75	439
Summonses	84	628	318	1,443
Warnings	21	214	127	546
Community Education and Outreach (Events)	3,860	30,492	2,740	37,264
Community Education and Outreach (Web/Social Media)	87,250	132,522	38,205	237,673

### Definitions

**First Responders Trained** - The number of first responders trained by MNR Emergency Management to assist in crisis events, such as train evacuation.

**Employee Safety Training Courses** - The number of distinct safety-related courses offered, including technical courses that have a safety element. Repeats are excluded so that each course is counted only once.

**Employees Trained** - The number of unique employees that attended one or more of these safety-related courses.

**Employee Safety Training Hours** - The total hours of training completed by employees in all safety-related courses attended.

**Broken Gates** - The number of events at grade crossing locations where a vehicle struck a crossing gate.

**MTA Police Detail** - The number of details specifically for the purpose of monitoring behavior at grade crossings.

**Summonses** - The number of violations issued to a motorist for going around a crossing gate or due to behavior that put the motorist at risk (e.g., cell phone use).

**Warnings** - The number of warnings issued to motorists due to behavior that put the motorist at risk (e.g., cell phone use).

**Community Education and Outreach (Events)** - The number of individuals who participated in live or virtual TRACKS events.

**Community Education and Outreach (Web/Social Media)** - The number of contacts made through the TRACKS web site and MTA social media platforms.



# September 2022 Safety Report

Statistical results for the 12-Month period are shown below.

Performance					
Performance Indicator	12-Month Average				
	October 2019 - September 2020	October 2020 - September 2021	October 2021 - September 2022		
FRA Reportable Customer Accident Rate per Million Customers	2.94	3.5	2.38		
FRA Reportable Employee Lost Time Injury Rate per 200,000 worker hours	3.33	3.99	4.14		
		2021		2022	
		September	Year to Date	September	Year to Date
Grade Crossing Incidents <sup>1</sup>	0	6	2	7	
Mainline FRA Reportable Train Derailments	0	1	0	1	
Mainline FRA Reportable Train Collisions	0	2	0	0	

<sup>1</sup> Per FRA - Any impact between railroad on-track equipment and a highway user at a highway-rail grade crossing. The term "highway user" includes automobiles, buses, trucks, motorcycles, bicycles, farm vehicles, pedestrians, and all other modes of surface transportation motorized and un-motorized.

Leading Indicators				
Focus on Safety Training	2021		2022	
	September	Year to Date	September	Year to Date
First Responders Trained	213	477	175	1,110
Employee Safety Training Courses	111	633	111	830
Employees Trained	3,820	9,291	4,120	15,176
Employee Safety Training Hours	20,560	110,472	31,145	177,353
Customer and Community	September	Year to Date	September	Year to Date
Broken Gates	11	64	9	67
MTA Police Details	41	556	74	333
Summons	170	1,955	377	1,552
Warnings	40	744	131	497
Arrests	0	1	0	0
Community Education and Outreach	6,531	25,736	5,328	36,013
Community Education and Outreach Social Media	80,719	637,095	43,914	401,955

**Definitions**

**First Responders Trained** - The number of first responders trained to assist in crisis events.

**Employee Safety Training Courses** - The number of distinct safety-related courses offered, including technical courses that have a safety element. Repeats are excluded so that each course is counted only once.

**Employees Trained** - The number of unique employees that attended one or more of these safety-related courses.

**Employee Safety Training Hours** - The total hours of training completed by employees in all safety-related courses attended.

**Broken Gates** - The number of events at grade crossing locations where a vehicle broke a crossing gate.

**MTA Police Detail** - The number of details specifically for the purpose of monitoring behavior at Grade Crossings.

**Summons for Grade Crossing Violation and other Infractions**- The number of violations issued to a motorist for going around a crossing gate or due to behavior that put the motorist at risk (i.e. cell phone use, etc.).

**Warnings** - The number of warnings issued to motorists due to behavior that put the motorist at risk (i.e. cell phone use, etc.).

**Community Education and Outreach** - The number of participants who attended a TRACKS, Operation LifeSaver, or Railroad Safety Awareness Event.

**Community Education and Outreach Web/Social Media** - The number of contacts made through the TRACKS website and MTA social media platforms.

## September 2022 Safety Report

Statistical results for the 12-Month period are shown below.

Performance Indicator				
Performance Indicator	12-Month Average			
	October 2019 - September 2020	October 2020 - September 2021	October 2021 - September 2022	
Customer Collisions Rate per Million Vehicles	4.83	3.89	3.96	
Customer Injury Collisions Rate per Million Vehicles	0.78	0.62	0.82	
Employee Accident Reports	162	141	114	
Employee Lost Time Injuries Rate per 200,000 Hours Worked	6.0	6.1	5.3	
Leading Indicators				
Roadway Safety	2021		2022	
	September	Year End	September	Year to Date
Workforce Development (# of Participants)	0	0	57	434
Fleet Preventative Maintenance Insp.	187	1559	152	1187
Safety Taskforce Inspections	1	14	1	11
Fire Safety	September	Year End	September	Year to Date
Fire Code Audits Completed	2	14	2	10
FDNY Liaison Visits	0	34	0	15

### Definitions:

**Workforce Development** provides for focused safety and skills training to all operations, maintenance and staff personnel. Classes feature OSHA 10 and 30 Classes, operations mandatory safety and skills instruction and retraining and specialty training (TIMS, CDL, FDNY instruction, Wrecker Driver Instruction and Roadway Safety Rules).

**Fleet Preventative Maintenance Inspections** are conducted at each location to improve the customer and worker safety environment. Inspections identify potential hazardous roadway or facility conditions and prescribe corrective actions to eliminate hazards.

**Safety Taskforce Inspections** are conducted by the joint Labor and Management Committee at each facility throughout the year on a rotating basis. The inspections consists of reviewing past accident and incident experiences/reports and facility safety reports. The Taskforce meets with location management and union representatives and make a complete tour of the facility. The Taskforce is comprised of representatives of the Safety and Operations groups and has representation from each of the represented unions.

**Fire Code Audits** are required by the NY'S Uniform Fire Prevention Code. They are conducted by the Safety and Health Department at each building and facility throughout the Agency. They feature a review of fire prevention activities and the condition of fire fighting and suppression equipment.

**FDNY Liaison Visits** are conducted as a regular basis (typically twice a year) whereby local fire companies visit and tour the facilities to become familiar with the structures and buildings and the fire equipment provided. This facilitates the development of strategies for fighting fires and responding to emergencies. Additionally, special drills and training exercises are conducted to drill on communications and special rescue operations should they be required.

## Monthly Operations Report September 2022

Statistical results for the 12-Month period are shown below

<b>Safety Report</b>			
<b>Performance Indicators</b>	<b>12-Month Average</b>		
	Oct 19 - Sep 20	Oct 20 - Sep 21	Oct 21 - Sep 22
<b>Subways</b>			
Subway Customer Accidents per Million Customers <sup>1</sup>	3.38	4.84	3.41
Subway Collisions <sup>2</sup>			
<b>Total</b>	2	2	4
Mainline	0	0	0
Yard	2	2	4
Subway Derailments <sup>2</sup>			
<b>Total</b>	8	10	7
Mainline	4	1	1
Yard	4	9	6
Subway Fires <sup>2</sup>	868	1,007	1,247
<b>Buses</b>			
Bus Collisions Per Million Miles                      Regional	43.86	48.91	58.94
Bus Collision Injuries Per Million Miles                      Regional	5.21	4.92	7.10
Bus Customer Accidents Per Million Customers <sup>1</sup> Regional*	1.54	1.93	1.98
Total NYCT and MTA Bus Lost Time Accidents per 100 Employees <sup>1</sup>	5.26	4.99	4.71

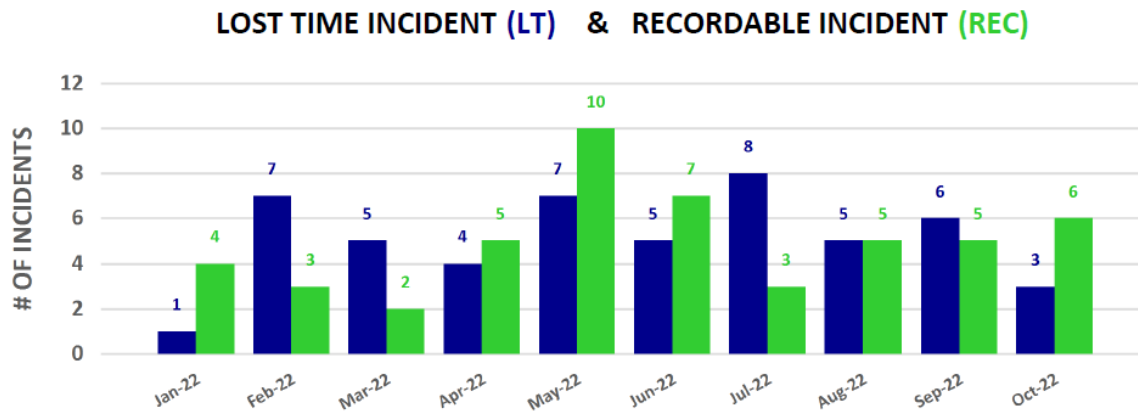
<sup>1</sup> 12-month Average data from September through August.

<sup>2</sup> 12-month figures shown are totals rather than averages.

\* = Due to the implementation of rear door boarding and suspension of fare collection to protect frontline employees from the spread of COVID-19, AFC (MetroCard and OMNY) was not used from March 23, 2020, to August 30, 2020, to determine ridership. During this time, ridership was estimated using Automated Passenger Counter (APC) data.

<b>Leading Indicators</b>				
<b>Subways</b>	September	YTD	Goal	YTD as % of Goal
<b>Roadway Worker Protection</b>				
Joint Track Safety Audits -- Actual Count	26	255	340	75.0%
Joint Track Safety Audits -- Compliance Rate	99.3%	99.1%	100.0%	99.1%
<b>Mainline Collision/Derailment Prevention</b>				
Continuous Welded Rail Initiative (# of Track Feet)	3,579	17,432	10,758	162.0%
Friction Pad Installation	1,631	17,868	22,000	81.2%
<b>Buses</b>	September	YTD	Goal	YTD as % of Goal
<b>Collision Prevention</b>				
Audible Pedestrian Turn Warning System	65	460	800	57.5%
Vision Zero Employee Training*	563	3,196	4,500	71.0%

\* = No classes were offered from January 6-April 3, 2022, due to Omicron Variant and Employee Availability.



**SAFETY NARRATIVE**

**YEAR-TO-DATE TRENDS FOR MTAC&D:**

- **REPORTED YTD LOST TIME INCIDENTS – 51**
- **REPORTED YTD RECORDABLE INCIDENTS – 50**

Hazards 2022	Lost Time	Recordable	First Aid	Notification Only	Grand Total	% to Grand Total
Struck By/Against	11	19	33	16	<b>79</b>	<b>29.0%</b>
Slip, Trip, Fall	19	8	20	17	<b>64</b>	<b>23.4%</b>
Sprain/Strain	13	6	22	10	<b>51</b>	<b>18.7%</b>
Other	1	6	23	9	<b>39</b>	<b>14.3%</b>
Caught in Between	5	11	17	4	<b>37</b>	<b>13.6%</b>
Electrical	2	0	0	1	<b>3</b>	<b>1.0%</b>
<b>Totals</b>	<b>51</b>	<b>50</b>	<b>115</b>	<b>57</b>	<b>273</b>	<b>100.0%</b>

- **LOST TIME TRENDS** – Slip Trips and Fall have the highest number of reported incidents with a total of (19) - 37%
- **RECORDABLE TRENDS** – Struck by/Against incidents have the highest number of reported incidents with a total of (19) - 38%
- **SERIOUS INCIDENTS** – YTD Total of 12
  - **FALLS** – 5; Includes Falls from Ladders and Scaffolds
  - **STRUCK BY** – 4; Various material or equipment striking personnel
  - **LACERATIONS** – 2; Using Circular and Demo Saws
  - **ELECTRICAL SHOCK** – 1 Occurrence resulting in 2 injuries
- **LONG TERM TRENDS**
  - The YTD reported Lost Time Incidents are 32.0% lower, while the reported Recordable incidents are 4.2% higher than last year.
  - The calculated LTIR has decreased by 1.6% from the previous month, while the TRIR has remained the same. The calculated LTIR has reduced by 3.2% over the last two months from the previous high reported in July 2022.
  - The YTD LTIR Average is 27% lower than last year, and the YTD TRIR Average is 11% lower.
  - Even with calculated work hours having dropped 28%, LTIR has been trending downward since July, while the TRIR has remained level for August and September.

**INSPECTIONS & AUDITS:**

- **YTD TOTAL # OF INSPECTIONS:**
  - **INTERNAL** – 1633
  - **EXTERNAL** – 4580 (1192 Third-Party Safety Consultants; 3388 OCIP Visits)
- **NEGATIVE OBSERVATIONS** – Identified through the various inspections include Housekeeping, Fall Protection, Barricades & Enclosures, and Stairs/Ladders.
- **POSITIVE OBSERVATION(S)** - Identified through the various inspections include Fire Protection/Prevention, Ladders & Stairs, Tools (Hand & Power), Supervision/Organization

**INVESTIGATIONS & LESSONS LEARNED:**

- **YTD NUMBER OF INVESTIGATIONS** – 9. One (1) of these remains OPEN under the System Safety Office of the respective MTA agency
- **LESSONS LEARNED** – 4 have been distributed
  - Property Damage (PD) - Fire
  - Grinder (LT) - Laceration
  - Laceration (LT) - Deep wound laceration
  - Ladder Fall - Dislocated shoulder (LT)

**MTAC&D SAFETY STRATEGIC INITIATIVES:**

- **Safety** – VP of Safety continues outreach with PMC/CCM consultant companies as part of the performance assessment initiative. Current meetings center around the PMC/CCM consultant companies' safety teams and their approach to safety oversight, compliance as well as reporting strategies on MTA C&D projects
- **Safety** – Staffing continues to be a high priority. Interviews continue for the selection of Safety candidates to fill critical roles in the organization.
- **Safety** - Continuing work with procurement on an RFP for independent 3rd party Safety Inspectors to augment the current staffing shortages and looking to provide additional services to the current B&T inspection program as a short-term measure to allow for increased oversight inspections.
- **AECOM Safety Assessment Initiative** – The initiative continues to progress. The draft of the report is under Technical Review by the AECOM team. Additional inspections of the various levels of SBMP projects are being coordinated. The Digital Solution component of the initiative has been looped into a similar ESS initiative currently being developed for LIRR, MNR, and NYCT. All stakeholders are working with IT, Procurement, and Legal to identify commonality and create a unified Scope of Work (SOW).

# MTA HQ Safety & Security

November 2022



# Safety & Security Committee Meeting

## Committee Update

November 2022

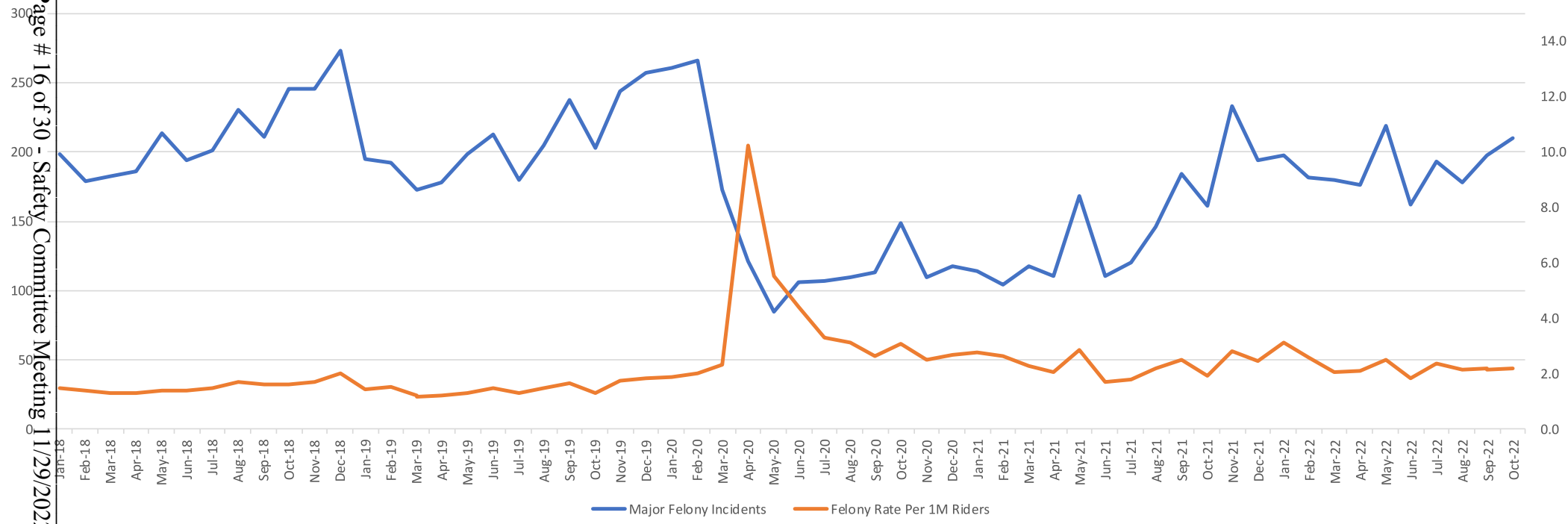




# Major Crime - Subways

Master Page # 16 of 30 - Safety Committee Meeting 1/12/2022

### Major Felony Incidents v. Felony Rate Per 1M Riders

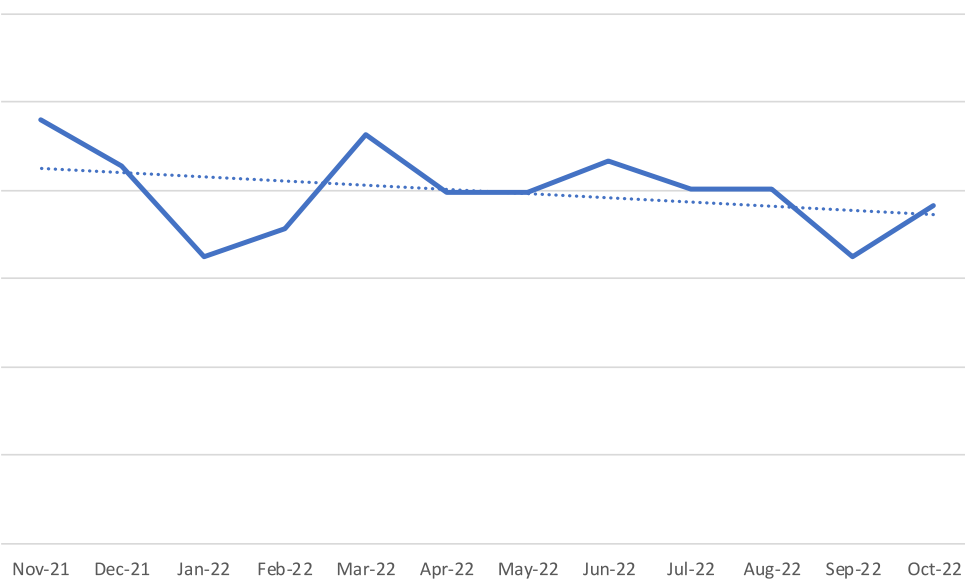




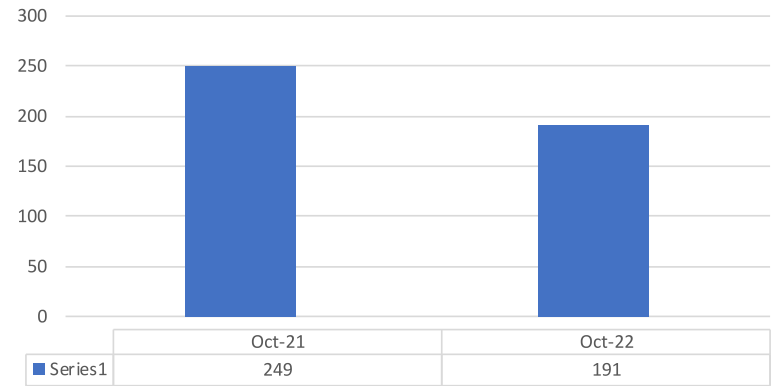


# Workplace Violence

### All-Agency WPV Cases (Rolling 12 Month)



### October 2021 v. 2022

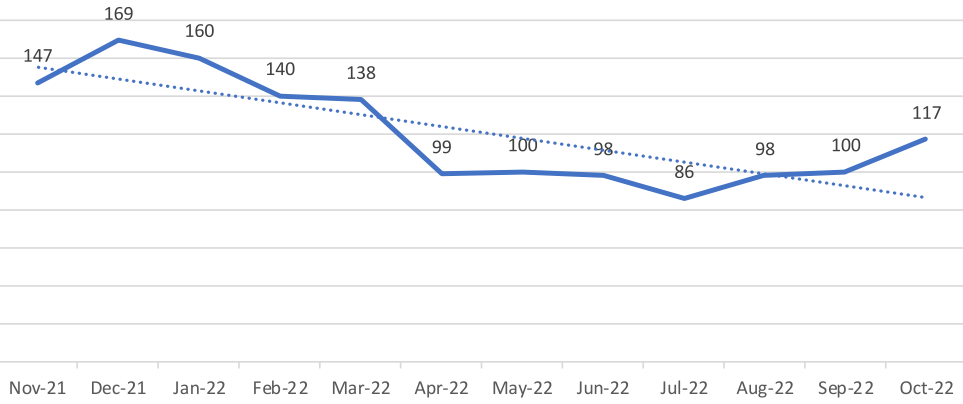


\*Case numbers are subject to change based on investigation updates and late reporting. Preliminary March Data Included.

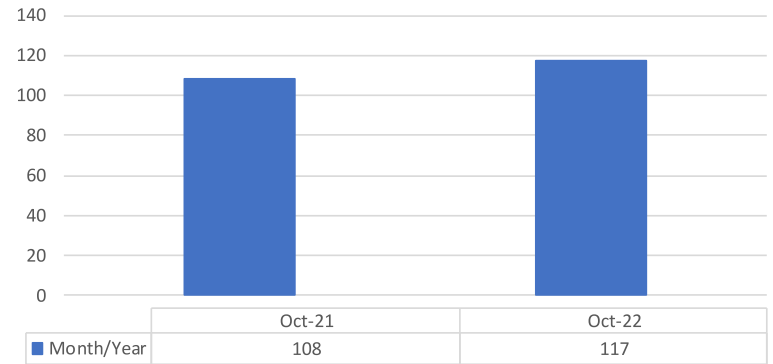


# NYCT Subway Track Intrusion Incidents

### 12 Month Track Intrusion Incidents



### October 2021 v. 2022



# NYCT Security Camera Program

**Stations:** 472 out of 472 stations with CCTV

**Rolling Stock:** 3% rolling stock equipped with cameras

## **Current Installations:**

- 6 Projects/ \$293.3 Million dollars
- 106 Station installation of Passenger Identification Cameras
- Installation of cameras on subway rolling stock

## **Projects Pending:**

- 128 Passenger Identification
- Laser Intrusion and Camera upgrades in Tunnels
- Complete Station Complex Enhanced Security Designs (Canal Street, Jay Street/MetroTech, 14th Street/8th Avenue, 145th street/8th Avenue)

# LIRR Security Camera Program

**Stations:** 83 out of 124 stations with CCTV

**Rolling Stock:** 100% rolling stock equipped with cameras

## **Current Installations:**

- 12 Projects/ \*\$292 Million dollars

### *Major Projects*

- East Side Access 97% Complete
- Main Line Third Track System wide expansion projects 80% Complete
- Penn Station Improvement – Phase 2

### *Station Projects*

- 8 Stations including: Port Washington, Merillion Avenue, Babylon, Atlantic Avenue Hatchway, Elmont, Carl Place, New Hyde Park, Islip

## **Projects Pending:**

- 3 Installation Projects in Planning
- Camera Installation 37 LIRR Stations Waiting Rooms and Station Building perimeters
  - TSOW complete; awaiting final designs and estimates (per location)
- Flood Cameras- Installation of Cameras to Monitor Potential Flood Areas within LIRR Yards
  - This work is covered under LIRR's security program. Estimates still pending survey results and final design.
- Camera Systems upgrade – Jamaica Station, Rosedale

# MNR Security Camera Program

**Stations:** 55 Out of 124 Stations equipped with CCTV

**Rollins Stock:** 100% rolling stock equipped with cameras

## **Current Installations:**

- 3 Projects, \$11.1 Million dollars
- *Major Project*
- Grand Central Terminal (GCT) State of Good Repair/Camera Coverage Expansion Strategy
- Design and Implementation of deployable CCTV cabinets (pre-designed CCTV system with cellular network and streaming video via cloud services)
- *Station Project*
- New Haven Line – 8 Stations CCTV

## **Projects Pending:**

- Program development of deployable CCTV cabinet concept to the remaining 41 Stations along routes in NY State.
- Penn Station Access– planning of 5 new stations with CCTV coverage.
- 3 Bronx Stations rehabilitation with CCTV design – Woodlawn, Williams Bridge, Botanical Garden.

# MTA HQ Safety

November 2022



---

# NTSB Recommendations

- The MTA coordinates with the NTSB regarding emerging lessons learned from ongoing investigations
- No new formal onsite investigations from July 2020 to current
- One recommendation closed this year.
- Eight recommendations are classified as “Open-Acceptable”
  - Seven requests to NTSB for a status change to “Closed-Acceptable” are pending
  - One remains Open-Acceptable (continuing to implement).



# NTSB Open Recommendations

	Recommendation	MTA Actions	Status
MTA	<p><b>R-14-066:</b> – Require review of safety &amp; operational data/identify trends.*</p> <p><b>R-14-067:</b> Establish program to evaluate deficiencies and apply mitigations across agencies.*</p> <p><b>R-14-068:</b> Oversight and tracking process to ensure coordination of recommendations.*</p>	<p>Safety Council was established in 2015 to review safety data and direct risk mitigation actions based on evaluated issues.</p> <p><b>UPDATE:</b> CSO/Agency safety leads continue to meet and report safety stats/trends/issues weekly, monthly at Committee meetings, and presented quarterly at Board meetings. <i>Request to NTSB for a status change to “Closed-Acceptable” pending.</i></p>	<p>Open Acceptable</p>
MNR	<p><b>R-15-003: Bridgeport, CT</b> - Replace Grade 5 mounting bolts in M-8 passenger-car fleet with stronger bolts.</p> <p><b>R-19-044: Rye, NY</b> Following a report of a track condition, rail traffic controllers should issue a speed restriction.</p> <p><b>R-19-045:</b> Until PTC is fully implemented MNR Railroad should communicate to train engineers and conductors the circumstances of this accident and the importance of the train engineer informing the conductor of any speed restrictions.</p>	<p><b>UPDATE:</b> All grade 5 bolts were replaced with grade 8 on the entire in-service M-8 Fleet. <i>Request to NTSB for a status change to “Closed-Acceptable” pending.</i></p> <p><b>UPDATE:</b> New track condition procedures implemented by MNR. <i>Request to NTSB for a status change to “Closed-Acceptable” pending.</i></p> <p><b>UPDATE:</b> PTC fully implemented providing redundancy to further mitigate this condition. <i>Confirmed Closed-Acceptable by the NTSB.</i></p>	<p>Open Acceptable</p> <p>Open Acceptable</p> <p>Closed Acceptable</p>





# NTSB Open Recommendations

Agency	Recommendations	MTA Actions	Status
LIRR	<b>R-20-008: Queens Village, NY:</b> Mitigate risks associated with using <u>train approach warning</u> as a method of on-track protection	<b>UPDATE:</b> Safety initiatives, training, and procedures implemented to address. <i>Request to NTSB for a status change to "Closed-Acceptable" pending.</i>	Open Acceptable
	<b>R-20-009:</b> Work with the Labor Unions to develop and implement a work scheduling regime to reduce risk of fatigue	<b>UPDATE:</b> <i>MTA follow-up letter to NTSB, continue to work with SMART to meet the intent of the recommendation.</i>	Open Acceptable
NYCT	<b>R-19-033: Brooklyn, NY</b> Revise your flagging procedures to prohibit the movement of trains at greater than restricted speed	<b>UPDATE:</b> Flagging protection process pilot, modified procedures, and enhanced communications implemented to address. <i>Request to NTSB for a status change to "Closed-Acceptable" pending.</i>	Open Acceptable



# MTA HQ Occupational Health Services (OHS)



# Drug & Alcohol Random Testing Rates

The following federal agencies regulate the MTA drug & alcohol programs for safety sensitive employees (e.g. train operations, conductors, signal maintainers, etc.):

- \* Federal Motor Carrier Safety Administration (FMCSA)
- \* Federal Railroad Administration (FRA)
- \* Federal Transit Administration (FTA).

FRA added the "Mechanical" group who are, any employee that performs mechanical tests or inspections

DOT Agency	Required 2022 Random <u>Drug</u> Testing Rate	Required 2022 Random <u>Alcohol</u> Testing Rate
Federal Motor Carrier Safety Administration [FMCSA] (MNR, LIRR & TBTA)	50%	10%
Federal Railroad Administration [FRA] (MNR & LIRR)	25% - Covered Service	10% - Covered Service
Federal Railroad Administration [FRA] (MNR & LIRR)	25% - Maintenance of Way	10% - Maintenance of Way
	50% - Mechanical <u>(Effective 03/04/2022)</u>	25% - Mechanical <u>(Effective 03/04/2022)</u>
Federal Transit Administration [FTA] (MTA PD, NYCT, MTA Bus & SIRTOA)	50% - Covered Service	10% - Covered Service



## 2022 Pre-Employment Testing & Positivity Rates

Agency	Total Pre-Employment/ Promotion Tests Completed	Pre-Employment/ Promotion Positive Tests	Pre- Employment/Promotion Positivity Rate
Long Island Rail Road	720	13	1.81%
Metro-North Railroad	817	13	1.59%
MTA Bus Company	1,394	35	2.51%
MTA Headquarters	266	0	0.00%
New York City Transit*	9,464	489	5.17%
<b>MTA All Agency Total</b>	<b>12,661</b>	<b>550</b>	<b>4.34%</b>

\* **Note:** 75% to 85% of all positives are for Marijuana



## 2022 Mandatory Random Testing & Positivity Rate By Agency

Agency	Total Random Tests	Random Positive Tests	Random Positivity Rate
Long Island Rail Road	1,274	5	0.39%
Metro-North Railroad	1,193	9	0.75%
MTA Bus Company	1,433	4	0.28%
MTA Headquarters	407	0	0.00%
New York City Transit	14,457	57	0.39%
<b>Grand Total</b>	<b>18,764</b>	<b>75</b>	<b>0.40%</b>

According to Quest Diagnostics 2021 Annual Drug Testing Index (DTI) national report, the random positivity rate for Federally Mandated (safety-sensitive) workforce was 1.9%. MTA's Random positivity rates for all agencies are all below 1%.

# 2022 Other\* Testing & Positivity Rate

Agency	* Total Tests	* Positive Tests	* Tests Positivity Rate
Long Island Rail Road	1,015	6	0.59%
Metro-North Railroad	1,859	13	0.70%
MTA Bus Company	1,798	6	0.33%
MTA Headquarters	33	0	0.00%
New York City Transit	15,870	100	0.63%
Grand Total	20,575	125	0.61%

\*Other tests: Include, but not limited to Periodic, Return to Work, Post-Accident, Reasonable Suspicion, etc.

## Total Testing (Random, Pre-employment, Promotion, Other)

	Long Island Rail Road	Metro-North Railroad	MTA Bus Company	MTA Headquarters	New York City Transit	Grand Total
<b>Total Test</b>	<b>3,009</b>	<b>3,869</b>	<b>4,625</b>	<b>706</b>	<b>39,791</b>	<b>52,000</b>

