



Metropolitan Transportation Authority

Safety Committee Meeting September 2019

Committee Members

P. Foye, Chair

S. Feinberg, Vice Chair

A. Albert

N. Brown

R. Linn

S. Metzger

J. Samuelsen

V. Tessitore

N. Zuckerman

Safety Committee Meeting

2 Broadway, 20th Floor

New York, NY 10004

Wednesday, 9/25/2019

9:00 - 9:45 AM ET

1. Public Comments

2. Approval of Minutes - July 24, 2019

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3. Safety Committee Work Plan

2019 Safety Cmte Work Plan 2019 - Page 7

4. Safety Risk Management: Fatigue

5. Safety Metrics

July

MNR Safety Report - Page 10

LIRR Safety Report - Page 11

NYCT Safety Report - Page 12

B and T Safety Report - Page 13

June

MNR Safety Report - Page 14

LIRR Safety Report - Page 15

NYCT Safety Report - Page 16

B & T Safety Report - Page 17

6. Safety Risk Management: Soft Tissue Injuries

Next Meeting: December 2019

**Metropolitan Transportation Authority
Minutes of
Safety Committee Meeting
2 Broadway, 20th Floor
New York, NY 10004**

**Wednesday, July 24, 2019
8:00 AM**

The following members were present:

**Hon. Sarah Feinberg
Hon. Andrew Albert
Hon. Norman Brown
Hon. Vincent Tessitore
Hon. Robert Linn
Hon. Neal Zuckerman**

The following agency safety officers were present:

Patrick Warren, Metropolitan Transportation Authority, Headquarters (“MTAHQ”)
Anne Kirsch, Metropolitan Transportation Authority, Headquarters (“MTAHQ”)
Robert Diehl, MTA New York City Transit (“NYCT”)
Loretta Ebbighausen, MTA Long Island Rail Road (“LIRR”)
Justin Vonashek, Metro-North Railroad (“MNR”)
Eric Osnes, MTA Bridges and Tunnels (“B&T”)
Peter Kohner, MTA Capital Construction (“CC”)

Ronnie Hakim, Managing Director, Metropolitan Transportation Authority (“MTA”); Janno Lieber, Chief Development Officer Metropolitan Transportation Authority (“MTA”); Cathy Rinaldi, President, Metro-North Railroad (“MNR”); Phillip Eng, President, Long Island Rail Road (“LIRR”); Craig Cipriano, Acting President, MTA Bus (“NYCT”) and Daniel DeCrescenzo, Acting President, Bridges and Tunnels (“B&T”) were also in attendance.

Chairman Foye chaired the April meeting, and called the meeting to order.

Ms. Kirsch provided a safety briefing.

PUBLIC SPEAKERS

There were two public speakers, Brian Burke and William Drummond.

APPROVAL OF MINUTES

Upon motion duly made and seconded, the minutes of the July 2019 Safety Committee were approved.

SAFETY COMMITTEE WORK PLAN

Chair Feinberg asked if there any changes to the work plan. Mr. Warren said the work plan will change as follows: moving the October Safety meeting to September and adding a December meeting to cover Quality Assurance inspections and Family Assistance.

Chair Feinberg turned it over to Patrick Warren to start the meeting.

SAFETY PROMOTION: HOMELESS OUTREACH PROGRAM

Mr. Warren described the meeting's agenda. He then explained how the MTA is addressing the number of Homeless individuals within the MTA system. 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.

Commissioner Albert asked if we are still using Bowery Resident's Committee ("BRC").

Mr. Warren stated that BRC is one of the providers that MTA uses.

Commissioner Albert asked if equal attention is being given to stations as well as on trains.

Mr. Warren responded that the MTA is focusing efforts at end of line-locations to address homeless individuals who are riding trains.

Mr. Albert asked what the public can do if they encounter a person experiencing homelessness while riding the train.

Mr. Warren stated that the public can use the 311, text or contact appropriate authorities.

Ms. Hakim added that the MTA is launching a task force to address the growing number of individuals experiencing homelessness in our system and that she will be leading the coordination between all the agencies involved in the task force.

Chair Feinberg asked Ms. Hakim if the MTA is conducting an audit of the BRC work. Ms. Hakim stated we have done some auditing and that there is room for improvement.

Chair Feinberg asked Mr. Warren about the initiative of adding the benefit of working with social workers versus issuing a summons. Mr. Warren described a more wholistic approach which included New York City's new Diversion Program.

Chair Feinberg commented that we have a significant drug problem at Penn Station and requested that the MTA reach out to Amtrak. Mr. Warren responded that we do have a robust relationship with Amtrak regarding this matter.

Chair Feinberg asked Mr. Warren if he thought it would be helpful to add police or security. Mr. Warren responded he thinks we need more of that type of presence.

Commissioner Tessitore suggested to include the people in the field (our employees) [to support identifying homeless and other behavior issues] as they know the most problematic areas. Mr. Warren stated that's a great comment, thank you.

EMERGENCY MANAGEMENT ACTIVITIES

Mr. Warren discussed some of the emergency management activities the MTA participated in and hosted. 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.

Mr. Warren turned the floor over to Peter Kohner to present on an exercise MTA Capital Construction held in March 2019 involving the evacuation of personnel from one of its contractor's sites. 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.

Mr. Warren went on to discuss the introduction of a new Mass Notification System, Everbridge. A test message was sent to the commissioners and the Safety Officers using the Everbridge system. Mr. Warren further highlighted a few of the features and functionality that Everbridge provides.

Chair Feinberg asked if every employee of the MTA will be on the system in the future. Mr. Warren stated yes, they will be.

AGENCY STATISTICS

Mr. Warren introduced Lori Ebbighausen to discuss Long Island Rail Road safety statistics. 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.

Commissioner Tessitore commented on the topic of assaults on MTA employees and that the MTA and this Board need to be mindful of the impact of assaults on frontline workers.

Ms. Ebbighausen continued to talk about the use of cameras on their trains and across the systems and their tremendous value.

Justin Vonashek reviewed the Metro-North Railroad safety statistics. 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.

Commissioner Zuckerman asked a question regarding the difference between the two railroads' Customer injuries and Employee injury statistics. Commissioner Zuckerman asked that Mr. Warren work with Mr. Vonashek and Ms. Ebbighausen to come up with a plan to reconcile the differences.

Mr. Vonashek continued his presentation and discussed the use of cameras across the system at Metro-North.

Commissioner Albert asked if the cameras are monitored in real time. Mr. Vonashek stated they are not monitored in real time. Commissioner Albert asked how long the video recordings are kept. Mr. Vonashek responded that they are kept for 30 days.

Mr. Kohner presented on MTACC safety statistics. 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.

Chair Feinberg asked what MTA is doing to address employee assaults and fare evasion.

Commissioner Zuckerman asked the Safety Committee to consult with MTA General Counsel to work on legislation that would increase the severity of punishment for assault.

Ms. Hakim added that as part of fare evasion and employee assaults, MTA has worked with NYPD to pursue prosecution for these assaults.

Commissioner Tessitore commented that perhaps MTA can clarify the difference between assault and harassment.

Commissioner Zuckerman asked Mr. Tessitore to gauge the morale or perception of the employees regarding protection. Mr. Tessitore stated he knows management's heart is in the right place but we may need to do more.

Commissioner Albert stated that perhaps we can use signage with a phone number within the system to report employee assaults and provide quicker response times.

Chair Feinberg also asked about employee lost time injuries and how the agencies are approaching these injuries.

Eric Osnes presented on Bridges & Tunnels statistics and activities. 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.

Robert Diehl presented on NYC Transit. 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. One of the topics Mr. Diehl discussed was the use of cameras within the system.

Mr. Albert asked if the LIDs cameras are widespread. Mr. Deihl stated 7 stations have the LID cameras. Mr. Albert asked if the cameras were observed in real time. Mr. Deihl stated the cameras are alarmed and can be viewed in real time.

ADJOURNMENT

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

2019 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 2019

Safety Policy	
- Approval of 2019 Work Plan	MTA Chief Safety Officer
- FTA new SMS Safety Plan requirements	NYCT Safety & Security Review

Safety Risk Management	
- 2018 Safety Statistics	Agency Safety Leads
- Trespassing/Suicide Prevention coordination	Agency Safety Leads & MTA Safety & Emergency Management

April 2019

Safety Assurance	
- Grade Crossing Improvements	Safety & Emergency Management

July 2019

Safety Promotion	
- Mass notification implementation	Safety & Emergency Management
- Preparedness drills	
- Homeless outreach update	

September 2019

Safety Risk Management	
- Fatigue	MTA Chief Safety Officer
- Soft tissue injuries (Musculoskeletal)	Agency Safety Leads

December 2019

Safety Policy	
- Approval of 2020 Work Plan	MTA Chief Safety Officer
- Family Assistance Center Plan	Safety & Emergency Management
Safety Risk Management	Safety & Emergency Management
- QA-QC Safety Inspection Program	Agency Safety Leads & MTA Safety & Emergency Management

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

Note: The SMS framework has four pillars: Safety Policy, Safety Risk Management, Safety Assurance, and Safety Promotion. To facilitate general oversight of SMS activities at the MTA and its agencies, each agenda items will generally pertain to one of these pillars.

January 2019

Safety Policy – Approval of the 2019 workplan

The committee will receive a discussion on the 2019 workplan and asked to approve. The committee will also be briefed on the Federal Transit Administration's new Agency Safety Plan (aka Safety Management System – SMS) regulation, to include its application at the MTA and requirements for the MTA Board.

Safety Risk Management

The committee will receive be briefed on the 2018 safety metrics. The committee will also receive a briefing regarding customer initiated incidents, including trespassing and suicide prevention efforts from across the agencies.

April 2019

Safety Assurance

The committee will receive a briefing pertaining to the efforts of improving grade crossing safety and the development of standards for consistency.

July 2019

Safety Risk Management

The committee will receive a midyear report on the 2019 safety metrics.

Safety Promotion

The committee will receive a briefing and discussion will be invited pertaining to the implementation of an MTA employee mass notification system as well as emergency preparedness drills. The Committee will also receive a briefing on emergency preparedness programs and standards. The Committee will also receive an update on the Homeless Outreach Program.

September 2019

Safety Risk Management

The committee will receive a briefing on the MTA's fatigue mitigation programs. The committee will also receive a briefing regarding soft tissue injuries and agency efforts to mitigate the risk posed by them.

December 2019

Safety Policy – Approval of 2020 Work Plan

The committee will be presented with and discuss the 2020 work plan and asked to approve the same. As the work plan governs the activities of the committee, this pertains to the Safety Policy SMS pillar.

The committee will receive a briefing pertaining to the efforts of establishing a Family Assistance Center Plan.

Safety Risk Management

The committee will receive a briefing pertaining to the QA-QC Safety Inspection Program.

July 2019 Safety Report

Performance					
Performance Indicator	12-Month Average				
	August 2016 -July 2017	August 2017 -July 2018	August 2018 -July 2019		
FRA Reportable Customer Accident Rate per Million Customers	1.04	1.01	0.95		
FRA Reportable Employee Lost Time Injury Rate per 200,000 worker hours	3.04	2.69	2.13		
	2018		2019		
	July	Year to Date	July	Year to Date	
Grade Crossing Incidents ¹	0	1	0	1	
Mainline FRA Reportable Train Derailments	0	0	0	0	
Mainline FRA Reportable Train Collisions	0	0	0	0	

¹ 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	2018		2019	
	July	Year to Date	July	Year to Date
First Responders Trained	165	1,343	175	1,433
Employee Safety Training Courses	128	302	143	286
Employees Trained	1,340	5,263	1,231	5,231
Employee Safety Training Hours	13,225	168,362	16,015	172,498
Customer and Community: Focus on Grade Crossings	2018		2019	
	July	Year to Date	July	Year to Date
Broken Gates	2	15	5	22
MTA Police Details	121	808	33	427
Summons	60	374	28	299
Warnings	11	36	9	63
Community Education and Outreach	6,295	73,650	3,985	71,295
Cars Equipped with Cameras	Fleet Size	Total Cars Equipped	% Complete	
Inward / Outward Facing Cab Cameras	956	954	99.79%	
Passenger Compartment Cameras	1,085	1,024	94.38%	

Definitions:

First Responders Trained - The number of first responders trained by MNR's 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.

Summons - 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 individuals reached at a TRACKS event.

Cars Equipped with Cameras - Number of complete inward/outward and passenger compartment camera installations on rolling stock.

July 2019 Safety Report

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

Performance					
Performance Indicator	12-Month Average				
	August 2016 - July 2017	August 2017 - July 2018	August 2018 - July 2019		
FRA Reportable Customer Accident Rate per Million Customers	4.67	2.26	1.88		
FRA Reportable Employee Lost Time Injury Rate per 200,000 worker hours	3.58	3.18	3.05		
	2018		2019		
	July	Year to Date	July	Year to Date	
Grade Crossing Incidents ¹	1	4	1	7*	
Mainline FRA Reportable Train Derailments	0	0	0	0	
Mainline FRA Reportable Train Collisions	0	3	0	1**	

¹ 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.

* 02/26/2019 School Street is counted as one event, but was reported as two for FRA 49 225 reporting purposes

** 05/25/2019 Speonk Collision is counted as one event, but was reported as two for FRA 49 225 reporting purposes

Leading Indicators				
Focus on Safety Training	2018		2019	
	July	Year to Date	July	Year to Date
First Responders Trained	198	1,608	85	1,007
Employee Safety Training Courses	80	603	103	675
Employees Trained	1,043	7,725	914	7,625
Employee Safety Training Hours	18,529	163,798	18,546	150,726
Customer and Community:	July	Year to Date	July	Year to Date
Broken Gates	21	66	13	69
MTA Police Details	87	761	66	839
Summons	85	757	70	1,028
Warnings	53	339	53	436
Arrests	0	2	0	5
Community Education and Outreach	5,001	54,676	7,253	65,225
	Completed		Total	% Complete
Cameras on Rolling Stock	M7		614	74
	C3 Cab		23	100
	C3 Trailer		78	70
	DE/DM		19	42

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

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

Monthly Operations Report JULY 2019

Statistical results for the 12-Month period are shown below

Safety Report			
Performance Indicators	12-Month Average		
	Aug 16 - Jul 17	Aug 17 - Jul 18	Aug 18 - Jul 19
Subways			
Subway Customer Accidents per Million Customers ¹	2.74	2.96	2.98
Subway Collisions ²			
Total	0	3	0
Mainline	0	0	0
Yard	0	3	0
Subway Derailments ²			
Total	8	4	5
Mainline	5	2	0
Yard	3	2	5
Subway Fires ²	960	952	720
Buses			
Bus Collisions Per Million Miles Regional	55.26	54.01	54.63
Bus Collision Injuries Per Million Miles Regional	6.22	6.40	5.95
Bus Customer Accidents Per Million Customers ¹ Regional	1.26	1.27	1.42
Total NYCT and MTA Bus Lost Time Accidents per 100 Employees ¹	3.72	3.64	3.86

¹ 12-month Average data from July through June.

² 12-month figures shown are totals rather than averages.

Leading Indicators				
Subways	July	YTD	Goal	YTD as % of Goal
Roadway Worker Protection				
Joint Track Safety Audits -- Actual Count	29	223	340	65.6%
Joint Track Safety Audits -- Compliance Rate	98.6%	98.5%	100.0%	98.5%
Mainline Collision/Derailment Prevention				
Continuous Welded Rail Initiative (# of Track Feet)	2,910	63,854	47,520	134.4%
Friction Pad Installation	3,840	57,129	33,500	170.5%
Buses	July	YTD	Goal	YTD as % of Goal
Collision Prevention				
Audible Pedestrian Turn Warning System	64	517	630	82.1%
Vision Zero Employee Training	558	4,076	6,200	65.7%



July 2019 Safety Report

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

Performance Indicator			
Performance Indicator	12-Month Average		
	August 2016 - July 2017	August 2017 - July 2018	August 2018 - July 2019
Customer Collisions Rate per Million Vehicles	8.35	6.70	6.58
Customer Injury Collisions Rate per Million Vehicles	0.87	1.07	0.90
Employee Accident Reports	254	229	252
Employee Lost Time Injuries Rate per 200,000 Hours Worked	7.4	8.1	6.3
Construction Injuries per 200,000 Hours Worked	1.83	1.37	1.38

Leading Indicators				
Roadway Safety	2018		2019	
	July	Year End	July	Year to Date
Workforce Development (# of Participants)	8	385	58	311
Fleet Preventative Maintenance Insp.	161	1626	171	995
Safety Taskforce Inspections	0	13	0	4
Construction Safety	July	Year End	July	Year to Date
Construction Safety Inspections	150	2271	161	1530
Fire Safety	July	Year End	July	Year to Date
Fire Code Audits Completed	2	14	1	8
FDNY Liaison Visits	1	29	0	18

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 consist of reviewing past accident and incident experiences/reports and facility safety reports. The Taskforce meets with location management and union representatives and makes 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.

Construction Safety Inspections are conducted by an independent safety monitor to ensure that the necessary components for a safe construction are present. Inspections include review of safety organization, job hazard analysis, safe work plans for specific high risk activities, personal protective equipment, fire protection, industrial hygiene, and training.

Fire Code Audits are required by the NYS 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 on 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.

June 2019 Safety Report

Performance				
Performance Indicator	12-Month Average			
	July 2016 -June 2017	July 2017 -June 2018	July 2018 -June 2019	
FRA Reportable Customer Accident Rate per Million Customers	1.08	0.98	0.92	
FRA Reportable Employee Lost Time Injury Rate per 200,000 worker hours	3.00	2.82	2.14	
	2018		2019	
	June	Year to Date	June	Year to Date
Grade Crossing Incidents ¹	0	1	0	1
Mainline FRA Reportable Train Derailments	0	0	0	0
Mainline FRA Reportable Train Collisions	0	0	0	0

¹ 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	2018		2019	
	June	Year to Date	June	Year to Date
First Responders Trained	284	1,178	264	1,258
Employee Safety Training Courses	129	292	120	269
Employees Trained	1,026	4,694	1,234	4,624
Employee Safety Training Hours	22,001	152,526	21,852	144,877
Customer and Community: Focus on Grade Crossings	2018		2019	
	June	Year to Date	June	Year to Date
Broken Gates	1	13	4	17
MTA Police Details	126	687	44	394
Summons	86	308	25	271
Warnings	5	25	3	54
Community Education and Outreach	8,910	67,335	19,875	67,310
Cars Equipped with Cameras	Fleet Size	Total Cars Equipped	% Complete	
Inward / Outward Facing Cab Cameras	956	954	99.79%	
Passenger Compartment Cameras	1,085	1,007	92.81%	

Definitions:

First Responders Trained - The number of first responders trained by MNR's 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.

Summons - 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 individuals reached at a TRACKS event.

Cars Equipped with Cameras - Number of complete inward/outward and passenger compartment camera installations on rolling stock.

June 2019 Safety Report

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

Performance					
Performance Indicator	12-Month Average				
	July 2016-June 2017	July 2017-June 2018	July 2018-June 2019		
FRA Reportable Customer Accident Rate per Million Customers	4.66	2.37	1.84		
FRA Reportable Employee Lost Time Injury Rate per 200,000 worker hours	3.38	3.36	3.01		
		2018		2019	
		June	Year to Date	June	Year to Date
Grade Crossing Incidents ¹	0	3		1	6*
Mainline FRA Reportable Train Derailments	0	0		0	0
Mainline FRA Reportable Train Collisions	0	3		0	1**

¹ 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.

* 02/26/2019 School Street is counted as one event, but was reported as two for FRA 49 225 reporting purposes.

** 05/25/2019 Speonk Collision is counted as one event, but was reported as two for FRA 49 225 reporting purposes.

Leading Indicators				
Focus on Safety Training	2018		2019	
	June	Year to Date	June	Year to Date
First Responders Trained	98	1,410	202	922
Employee Safety Training Courses	103	523	92	572
Employees Trained	1,312	6,682	1,066	6,711
Employee Safety Training Hours	23,557	145,269	17,935	132,180
Customer and Community: Focus on Grade Crossings	June	Year to Date	June	Year to Date
Broken Gates	5	45	13	56
MTA Police Details	88	674	118	773
Summons	69	672	122	958
Warnings	38	286	91	383
Arrests	1	2	1	5
Community Education and Outreach	9,227	49,675	14,539	57,972
		Completed	Total	% Complete
Cameras on Rolling Stock		M7	572	69
		C3 Cab	23	100
		C3 Trailer	73	66
		DE/DM	13	29

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.

Cameras on Rolling Stock - Number of complete inward/outward camera installations on rolling stock.

Monthly Operations Report June 2019

Statistical results for the 12-Month period are shown below

Safety Report

Performance Indicators	12-Month Average		
	Jul 16 - Jun 17	Jul 17 - Jun 18	Jul 18 - Jun 19
Subways			
Subway Customer Accidents per Million Customers ¹	2.71	2.97	2.94
Subway Collisions ²			
Total	0	3	0
Mainline	0	0	0
Yard	0	3	0
Subway Derailments ²			
Total	7	5	5
Mainline	4	3	0
Yard	3	2	5
Subway Fires ²	960	963	731
Buses			
Bus Collisions Per Million Miles Regional	55.44	54.14	54.67
Bus Collision Injuries Per Million Miles Regional	6.42	6.27	5.96
Bus Customer Accidents Per Million Customers ¹ Regional	1.28	1.25	1.44
Total NYCT and MTA Bus Lost Time Accidents per 100 Employees ¹	3.82	3.61	3.85

¹ 12-month Average data from June through May.

² 12-month figures shown are totals rather than averages.

Leading Indicators

Subways	June	YTD	Goal	YTD as % of Goal
Roadway Worker Protection				
Joint Track Safety Audits -- Actual Count	31	194	340	57.1%
Joint Track Safety Audits -- Compliance Rate	98.2%	98.5%	100.0%	98.5%
Mainline Collision/Derailment Prevention				
Continuous Welded Rail Initiative (# of Track Feet)	7,868	60,944	47,520	128.2%
Friction Pad Installation	7,341	53,289	33,500	159.1%
Buses	June	YTD	Goal	YTD as % of Goal
Collision Prevention				
Audible Pedestrian Turn Warning System	92	453	630	71.9%
Vision Zero Employee Training	552	3,518	6,200	56.7%



June 2019 Safety Report

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

Performance Indicator			
Performance Indicator	12-Month Average		
	July 2016 - June 2017	July 2017 - June 2018	July 2018 - June 2019
Customer Collisions Rate per Million Vehicles	8.35	6.79	6.62
Customer Injury Collisions Rate per Million Vehicles	0.87	1.04	0.93
Employee Accident Reports	288	220	257
Employee Lost Time Injuries Rate per 200,000 Hours Worked	7.9	7.7	6.8
Construction Injuries per 200,000 Hours Worked	1.78	1.39	1.40

Leading Indicators				
Roadway Safety	2018		2019	
	June	Year End	June	Year to Date
Workforce Development (# of Participants)	7	385	0	253
Fleet Preventative Maintenance Insp.	113	1626	144	824
Safety Taskforce Inspections	0	13	2	4
Construction Safety	June	Year End	June	Year to Date
Construction Safety Inspections	175	2271	223	1369
Fire Safety	June	Year End	June	Year to Date
Fire Code Audits Completed	0	14	2	7
FDNY Liaison Visits	1	29	1	18

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 consist of reviewing past accident and incident experiences/reports and facility safety reports. The Taskforce meets with location management and union representatives and makes 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.

Construction Safety Inspections are conducted by an independent safety monitor to ensure that the necessary components for a safe construction are present. Inspections include review of safety organization, job hazard analysis, safe work plans for specific high risk activities, personal protective equipment, fire protection, industrial hygiene, and training.

Fire Code Audits are required by the NYS 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 on 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.