



Metropolitan Transportation Authority

Safety Committee Meeting July 2021

Committee Members

P. Foye, Chair

A. Albert

N. Brown

L. Cortes-Vazquez

M. Fleischer

R. Herman

K. Law

R. Linn

H. Mihaltses

J. Samuelson

V. Tessitore

N. Zuckerman

Safety Committee Meeting

2 BROADWAY 20TH FLOOR BOARD ROOM NEW YORK, NY

Wednesday, 7/21/2021

9:00 - 10:00 AM ET

1. Public Comments

2. Approval of Minutes -

Minutes - Page 3

3. Safety Committee Work Plan

2021 Safety Committee Work Plan - Page 4

4. Staff Summary - Approve Safety Plan

Staff Summary - Page 6

Safety Action Plans

Summary of Revisions to 2020 Subways ASP - Page 7

Summary of Revisions to 2020 Buses ASP - Page 8

5. Safety Metrics

May

MNR Safety Metrics - Page 9

LIRR Safety Metrics - Page 10

B&T Safety Metrics - Page 11

NYCT Safety Metrics - Page 12

April

MNR Safety Metrics - Page 13

LIRR Safety Metrics - Page 14

B&T Safety Metrics - Page 15

NYCT Safety Metrics - Page 16

6. Safety Risk Management:

NTSB Recommendation Status Review

NTSB Recommendations - Page 17

Drug & Alcohol Program Overview

OHS Drug Alcohol Safety - Page 24

Date of Next Meeting: October 2021

Minutes of the Safety Committee Meeting April 21,
2021
2 Broadway, 20th Floor Board Room
New York, NY 10004

Because of the ongoing COVID-19 public health crisis, the MTA Chairman convened a one-day, virtual Board and Committee meeting session on April 21, 2021, which included the following committees:

- Long Island Rail Road and Metro-North Railroad;
- New York City Transit;
- MTA Bridges and Tunnels;
- Finance;
- Capital Program Oversight Committee;
- Audit;
- Safety Committee.

To see a summary of the meeting and the actions taken by the Safety Committee please refer to the April, 2021 Board minutes in the Board Book available here on the Board materials website: <https://new.mta.info/transparency/board-and-committee-meetings>

2021 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 2021

Safety Policy

- Approval of 2021 Work Plan

MTA Chief Safety Officer

Safety Risk Management

- Agency Safety Statistics
- COVID-19 Update

Agency Safety Leads
MTA Chief Safety Officer

April 2021

Safety Promotion

- Agency Safety Statistics

Agency Safety Leads

Safety Risk Management

- Transformation

MTA Chief Safety Officer

July 2021

Safety Risk Management

- NTSB Recommendation Status Review
- Agency Safety Statistics
- Drug & Alcohol Program Overview

MTA Chief Safety Officer
Agency Safety Leads
MTA Corporate Health Officer

October 2021

Safety Policy

- Agency Safety Statistics
- Homeless Outreach Update

Agency Safety Leads
MTA Chief Safety Officer

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 2021

Safety Policy – Approval of the 2021 workplan

The committee will receive a discussion on the 2021 workplan and asked to approve.

Safety Risk Management

The committee will receive 2020 safety metrics and the continuing Covid-19 related efforts.

April 2021

Safety Promotion & Safety Risk Management

The committee will receive updated safety metrics and a briefing on Transformation.

July 2021

Safety Risk Management

The committee will receive a midyear report on safety metrics as well as a briefing on NTSB recommendations and an overview of the drug and alcohol program.

October 2021

Safety Policy

The committee will receive an update on safety metrics from the agency safety leads. The chief safety officer will brief on Homeless Outreach activities.

Subject NYCT Subways and NYCT DOB / MTA Bus Agency Safety Plans
Department Safety
Department Head Name Pat Warren
Department Head Signature
Project Manager Name Bernard Jens

Date July 2021

Board Action					
Order	To	Date	App	Info	Other
1	Safety Committee		x		
2	Board		x		

Internal Approvals			
Order	Approval	Order	Approval
1	SVP Safety & Security		
2	Deputy Chief Development Officer, C&D		
3	Executive VP & COO, DOS		
4	President MTA Bus/SVP Buses		
5	President, NYCT		

The MTA Chief Safety Officer in coordination with New York City Transit (NYCT) submits the attached Subways and Buses Public Transportation Agency Safety Plans (PTASP) for the MTA Board's annual review and approval.

The Federal Transit Administration (FTA) PTASP Final Rule 49 CFR 673 requires operators of urban public transportation systems that receive federal funds to develop a PTASP that documents the processes and procedures that are in place to manage the agency safety program through the implementation of Safety Management Systems (SMS). Implementation of SMS is intended to improve public transportation safety by effectively and proactively managing safety risks through a comprehensive, collaborative approach to managing safety.

The Office of System Safety (OSS) generated the 2021 Subways and Buses PTASPs for NYCT/MTA Bus in conjunction with representatives from the various departments.

The final plans were approved by departmental staff and signed by agency senior leadership. As per 49 CFR Part 673, the 2021 PTASP also requires MTA board approval and is due to the NYS Public Transportation Safety Board ("PTSB") at the end of July 2021.

OSS must conduct an annual review of the PTASP in accordance with 49 CFR Part 673 to incorporate modifications and updates such as may be mandated by the PTSB, changes in management, incorporation of new equipment, or new systems and facilities, operational changes, and any safety related topics and recommendations from the MTA Board. This annual review requires MTA Board's review and approval.

Recommendation

Approve the 2021 PTASPs for Department of Subways and Department of Buses.

SUMMARY OF REVISIONS TO NYCT 2020 DOS AGENCY SAFETY PLAN

No changes to Section 8

Changes to typographical errors and formatting in Sections 1 thru 8

Global Change made: Construction Project Management (CPM) changed to Construction & Development (C&D)

- Pg 1-2: FTA Funding Types Updated
- Pg 2-2: Updated titles for ASP signatures and approval
- Pg 3-2 Updated Safety Performance Targets
- Pg 4-13 Updated Agency Leadership and Executive Management
- Pg 4-14 Updated Key Staff
- Pg 4-15 Updated NYCT Organization Chart
- Pg 4-16 Added Employee Call Center Number (718- 858-7272)
- Pg 5-9 Added Statement “While the wellbeing of customers and employees is the primary concern, continuity of operations remains a vital component of NYCT’s overall emergency management program. Accordingly, emergency plans for events that have a potential for shutdown of service, developed by the DOS shall include a section on restoration of service, subway and bus service following an event resulting in a full or significant loss of service.”
- Pg 6-8 Updated MOW process for rules compliance to include Systems Operations Telecommunication Review, Planning & Control Superintendent reviews recorded on the NICE Inform system.
- Pg 6-14 Updated Infrastructure Inspection Schedule Table 6-2
- Pg 6-15 Updated Infrastructure Inspection Schedule Table 6-3
- Pg 6-16 Updated Infrastructure and E&E maintenance inspection intervals
- Pg 6-40 Updated Station Environment & Operations Equipment Inspection Program
- Pg 6-41 Updated Tack Inspection Schedule with Governing Procedures Table 6-22
- Pg 6-44 Updated Power Section Equipment Inspections Table 6-25
- Pg 6-49 Updated Crane & Equipment Inspections Table 6-33
- Pg 6-60 Added SIR Hazard Management Process to equipment testing and inspection programs
- Pg 6-66 Updated SIR Non Revenue Vehicle Shop Inspec. & Testing Program Table 6-45
- Pg 6-100: Updated Station Environment & Operations Facility Inspections Table 6-53
- Pg 6-136 to 6-139 Section 6.7 Drug & Alcohol Program was moved from Section 5 (Safety Risk Management) to section 6 (Safety Assurance) for continuity
- Pg 6-140 to 6-159 Section 6.8 Work Place Violence Prevention Program was moved from Section 5 (Safety Risk Management) to section 6 (Safety Assurance) for continuity
- Pg 7-3 Updated training requirements for Track titles
- Pg 7-4 Updated training requirements for Infrastructure/Stations Maintenance titles
- Pg 7-5 Updated training requirements for Elevator and Escalator titles
- Pg 7-17 Updated compliance with training requirements to include training liaison responsibilities

SUMMARY OF REVISIONS TO NYCT DEPT. OF BUSES / MTA BUS 2020 AGENCY SAFETY PLAN

No changes to Sections 5 & 7

Changes to typographical errors and formatting in Sections 1 thru 8

Global Change made: Construction Project Management (CPM) changed to Construction & Development (C&D)

- Pg 1-2 FTA Funding Types Updated
- Pg 2-2: Updated titles for ASP signatures and approval
- Pg 3-3: Updated NYCT Bus and MTA Bus Safety Performance Targets
- Pg 4-8 Updated Agency Leadership and Executive Management & Key Staff
- Pg 4-9 Updated NYCT Organization Charts
- Pg 6-26 to 6-28 Section 6.7 Drug & Alcohol Program was moved from Section 7 (Safety Promotion) to section 6 (Safety Assurance) for continuity
- Pg 6-29 Section 6.8 Work Place Violence Prevention Program was moved from Section 7 (Safety Promotion) to section 6 (Safety Assurance) for continuity
- Pg 8-5 Update of DOS Permanent Bulletins
- Pg 8-6 Update of Safety Plans/Policies

May 2021 Safety Report

Performance				
Performance Indicator	12-Month Average			
	June 2018 -May 2019	June 2019 -May 2020	June 2020 -May 2021	
FRA Reportable Customer Accident Rate per Million Customers	0.96	1.01	2.24	
FRA Reportable Employee Lost Time Injury Rate per 200,000 worker hours	2.21	1.93	2.06	
	2020		2021	
	May	Year to Date	May	Year to Date
Grade Crossing Incidents ¹	0	1	0	0
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	2020		2021	
	May	Year to Date	May	Year to Date
First Responders Trained	0	815	148	498
Employee Safety Training Courses	43	233	135	210
Employees Trained	299	3,031	1,288	3,738
Employee Safety Training Hours	2,458	82,470	14,790	69,225
Customer and Community: Focus on Grade Crossings	2020		2021	
	May	Year to Date	May	Year to Date
Broken Gates	2	8	1	4
MTA Police Details	21	136	28	127
Summons	50	270	88	295
Warnings	32	75	33	99
Community Education and Outreach*	136	21,958	10,125	30,255
Cars Equipped with Cameras	Fleet Size	Total Cars Equipped	% Complete	
Inward / Outward Facing Cab Cameras	956	956	100.00%	
Passenger Compartment Cameras	1,084	1,084	100.00%	

*Due to the COVID-19 pandemic , community outreach events are held virtually, as a result TRACKS numbers are lower than previous years.

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.

May 2021 Safety Report

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

Performance					
Performance Indicator	12-Month Average				
	June 2018 - May 2019	June 2019 - May 2020	June 2020 - May 2021		
FRA Reportable Customer Accident Rate per Million Customers	2.06	4.35	3.60		
FRA Reportable Employee Lost Time Injury Rate per 200,000 worker hours	2.93	3.28	3.66		
		2020		2021	
		May	Year to Date	May	Year to Date
Grade Crossing Incidents ¹	0	2	0	3	
Mainline FRA Reportable Train Derailments	1	1	1	1	
Mainline FRA Reportable Train Collisions	0	0	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.

Leading Indicators				
Focus on Safety Training	2020		2021	
	May	Year to Date	May	Year to Date
First Responders Trained	0	174	5	188
Employee Safety Training Courses	36	281	55	288
Employees Trained	160	3,044	875	3,332
Employee Safety Training Hours	5,122	58,307	11,246	45,680
Customer and Community Focus on Grade Crossings	May	Year to Date	May	Year to Date
Broken Gates	6	39	9	35
MTA Police Details	40	176	50	390
Summons	156	775	198	1221
Warnings	48	241	71	556
Arrests	0	0	0	1
Community Education and Outreach	0	21,464	2124	12,483
Community Education and Outreach via Social Media			54,447	356,578

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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.

May 2021 Safety Report

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

Performance Indicator				
Performance Indicator	12-Month Average			
	June 2018 -May 2019	June 2019 -May 2020	* June 2020 -May 2021	
Customer Collisions Rate per Million Vehicles	6.43	5.82	3.90	
Customer Injury Collisions Rate per Million Vehicles	0.90	0.90	0.62	
Employee Accident Reports	263	167	162	
Employee Lost Time Injuries Rate per 200,000 Hours Worked	7.5	5.4	6.5	
Construction Injuries per 200,000 Hours Worked	1.40	2.69	2.16	
Leading Indicators				
Roadway Safety	2020		2021	
	May	Year End	May	Year to Date
Workforce Development (# of Participants)	0	270	0	0
Fleet Preventative Maintenance Insp.	87	1463	123	589
Safety Taskforce Inspections	0	0 *	1	5
Construction Safety	May	Year End	May	Year to Date
Construction Safety Inspections	164	1621	83	394
Fire Safety	May	Year End	May	Year to Date
Fire Code Audits Completed	0	14	1	5
FDNY Liaison Visits	0	12	0	14

* Safety Manager evaluations at each B&T facility supersedes task force inspections due to COVID 19.

** Conditions beginning Mid-March 2020 reflect an intra-pandemic period and therefore, is not indicative of prior history.

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.

Monthly Operations Report May 2021

Statistical results for the 12-Month period are shown below

Safety Report			
Performance Indicators	12-Month Average		
	Jun 18 - May 19	Jun 19 - May 20	Jun 20 - May 21
Subways			
Subway Customer Accidents per Million Customers ¹	2.96	2.95	5.53
Subway Collisions ²			
Total	0	3	1
Mainline	0	0	0
Yard	0	3	1
Subway Derailments ²			
Total	5	6	12
Mainline	0	3	3
Yard	5	3	9
Subway Fires ²	764	790	990
Buses			
Bus Collisions Per Million Miles Regional	54.05	49.21	43.69
Bus Collision Injuries Per Million Miles Regional	5.91	5.82	4.76
Bus Customer Accidents Per Million Customers ¹ Regional*	1.42	1.52	1.89
Total NYCT and MTA Bus Lost Time Accidents per 100 Employees ¹	3.89	5.24	4.62

¹ 12-month Average data from May through April.

² 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.

Leading Indicators				
Subways	May	YTD	Goal	YTD as % of Goal
Roadway Worker Protection				
Joint Track Safety Audits -- Actual Count	30	155	340	45.6%
Joint Track Safety Audits -- Compliance Rate	100.0%	99.7%	100.0%	99.7%
Mainline Collision/Derailment Prevention				
Continuous Welded Rail Initiative (# of Track Feet)	3,120	10,920	9,999	109.2%
Friction Pad Installation	1,118	9,370	22,000	42.6%
Buses	May	YTD	Goal	YTD as % of Goal
Collision Prevention				
Audible Pedestrian Turn Warning System	29	87	780	11.2%
Vision Zero Employee Training	355	2,162	5,800	37.3%

April 2021 Safety Report

Performance				
Performance Indicator	12-Month Average			
	May 2018 -April 2019	May 2019 -April 2020	May 2020 -April 2021	
FRA Reportable Customer Accident Rate per Million Customers	1.01	1.01	2.29	
FRA Reportable Employee Lost Time Injury Rate per 200,000 worker hours	2.37	1.88	2.10	
	2020		2021	
	April	Year to Date	April	Year to Date
Grade Crossing Incidents ¹	0	1	0	0
Mainline FRA Reportable Train Derailments	0	0	0	0
Mainline FRA Reportable Train Collisions	0	0	0	0

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Leading Indicators				
Safety Training	2020		2021	
	April	Year to Date	April	Year to Date
First Responders Trained	0	815	148	350
Employee Safety Training Courses	46	233	124	177
Employees Trained	298	3,008	1,140	3,153
Employee Safety Training Hours	2,085	80,012	15,453	54,556
Customer and Community: Focus on Grade Crossings	2020		2021	
	April	Year to Date	April	Year to Date
Broken Gates	0	6	1	3
MTA Police Details	2	115	20	99
Summons	2	220	44	207
Warnings	1	43	17	66
Community Education and Outreach*	947	21,822	7,783	20,130
Cars Equipped with Cameras	Fleet Size	Total Cars Equipped	% Complete	
Inward / Outward Facing Cab Cameras	956	956	100.00%	
Passenger Compartment Cameras	1,084	1,084	100.00%	

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

April 2021 Safety Report

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Performance					
Performance Indicator	12-Month Average				
	May 2018 - April 2019	May 2019 - April 2020	May 2020 - April 2021		
FRA Reportable Customer Accident Rate per Million Customers	2.10	3.76	4.11		
FRA Reportable Employee Lost Time Injury Rate per 200,000 worker hours	2.99	3.27	3.48		
		2020		2021	
		April	Year to Date	April	Year to Date
Grade Crossing Incidents ¹	0	2	0	3	
Mainline FRA Reportable Train Derailments	0	0	0	0	
Mainline FRA Reportable Train Collisions	0	0	1	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.

* One event resulted in 2 FRA required reports.

Leading Indicators				
Focus on Safety Training	2020		2021	
	April	Year to Date	April	Year to Date
First Responders Trained	0	174	129	183
Employee Safety Training Courses	6	245	68	233
Employees Trained	69	2,884	869	2,457
Employee Safety Training Hours	2,520	53,185	11,471	34,434
Customer and Community: Focus on Grade Crossings	April	Year to Date	April	Year to Date
Broken Gates	9	33	5	26
MTA Police Details	7	136	75	340
Summons	18	619	252	1,023
Warnings	6	193	111	485
Arrests	0	0	0	1
Community Education and Outreach	0	21,464	2,098	10,359
Community Education and Outreach via Social Media			65,704	302,131

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Performance Indicator				
Performance Indicator	12-Month Average			
	May 2018 -April 2019	May 2019 -April 2020	* May 2020 -April 2021	
Customer Collisions Rate per Million Vehicles	6.44	6.06	3.85	
Customer Injury Collisions Rate per Million Vehicles	0.99	0.87	0.63	
Employee Accident Reports	263	186	156	
Employee Lost Time Injuries Rate per 200,000 Hours Worked	7.5	6.2	5.9	
Construction Injuries per 200,000 Hours Worked	1.71	2.67	2.03	
Leading Indicators				
Roadway Safety	2020		2021	
	April	Year End	April	Year to Date
Workforce Development (# of Participants)	0	270	0	0
Fleet Preventative Maintenance Insp.	70	1463	102	466
Safety Taskforce Inspections	0	0 *	1	4
Construction Safety	April	Year End	April	Year to Date
Construction Safety Inspections	99	1621	103	311
Fire Safety	April	Year End	April	Year to Date
Fire Code Audits Completed	1	14	1	4
FDNY Liaison Visits	2	12	14	14

* Safety Manager evaluations at each B&T facility supersedes task force inspections due to COVID 19.

** Conditions beginning Mid-March 2020 reflect an intra-pandemic period and therefore, is not indicative of prior history.

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).

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Monthly Operations Report April 2021

Statistical results for the 12-Month period are shown below

Safety Report			
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	May 18 - Apr 19	May 19 - Apr 20	May 20 - Apr 21
Subways			
Subway Customer Accidents per Million Customers ¹	2.96	2.86	5.87
Subway Collisions ²			
Total	1	2	2
Mainline	0	0	0
Yard	1	2	2
Subway Derailments ²			
Total	3	8	10
Mainline	0	3	3
Yard	3	5	7
Subway Fires ²	769	757	960
Buses			
Bus Collisions Per Million Miles Regional	53.88	51.18	42.19
Bus Collision Injuries Per Million Miles Regional	5.94	6.18	4.64
Bus Customer Accidents Per Million Customers ¹ Regional*	1.38	1.50	1.91
Total NYCT and MTA Bus Lost Time Accidents per 100 Employees ¹	3.84	5.05	4.78

¹ 12-month Average data from April through March.

² 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.

Leading Indicators				
Subways	April	YTD	Goal	YTD as % of Goal
Roadway Worker Protection				
Joint Track Safety Audits -- Actual Count	34	125	340	36.8%
Joint Track Safety Audits -- Compliance Rate	100.0%	99.7%	100.0%	99.7%
Mainline Collision/Derailment Prevention				
Continuous Welded Rail Initiative (# of Track Feet)	6,822	7,800	9,999	78.0%
Friction Pad Installation	3,109	8,252	22,000	37.5%
Buses	April	YTD	Goal	YTD as % of Goal
Collision Prevention				
Audible Pedestrian Turn Warning System	30	58	780	7.4%
Vision Zero Employee Training	430	1,807	5,800	31.2%



MTA Safety Committee

July 21, 2021

National Transportation Safety Board (NTSB) Recommendations Review



NTSB Recommendations Overview

- The MTA coordinates with the NTSB regarding emerging lessons learned from ongoing investigations.
 - There were no new formal onsite investigations - July 2020 to current.

- Overview of Outstanding Recommendations:
 - Progress has been made implementing recommendations.
 - There are 7 Open recommendations during the period July 2020-July 2021.
 - 5 classified “Open – Acceptable”
 - 2 classified as “Open”



NTSB Investigations with “Open” Recommendations as of 7-21-21

2013-03-10 – MTA Special Investigative Report – Completed November 19, 2014

2013-05-17 – MNR derailment, Bridgeport, CT - Completed February 2, 2015

2016-11-03 – NYCT subway construction flagger fatality, Brooklyn, NY - Completed March 9, 2020

2017-05-18 – MNR derailment, Rye, NY - Completed December 9, 2019

2017-06-10 – LIRR employee fatality, Queens Village, NY -- Completed March 9, 2020



NTSB Open Recommendations as of 7-21-21

Agency	Recommendation	Recent Response	Status
MTA	R-14-066: SIR – Require review of safety & operational data/identify trends R-14-067: Establish program to evaluate deficiencies and apply mitigations across agencies R-14-068: Oversight and tracking process to ensure coordination of recommendations	November 8, 2020 - Safety Council established to review safety data. - Safety Council directs risk mitigation actions based on evaluated issues. UPDATE: Council is on-going	- Open Acceptable Response
MNR	R-15-003: Bridgeport, CT - Replace Grade 5 mounting bolts in M-8 passenger-car fleet with stronger bolts.	November 8, 2019 UPDATE: All grade 5 bolts replaced with grade 8 on entire in service M-8 Fleet (by Kawasaki). The remaining 25 signal cars are currently being scheduled for replacement.	- Open – Acceptable Response



NTSB Open Recommendations as of 7-21-21

Agency	Recommendation	Submission Response	Status
NYCT	R-19-033: Brooklyn, NY Revise your flagging procedures to prohibit the movement of trains at greater than restricted speed	September 20, 2019 UPDATE: New flagging procedures adopted system wide. Formal response to NTSB for "Closed Acceptable" status pending.	- Open – Acceptable Response



NTSB Open Recommendations as of 7-21-21

Agency	Recommendation	Submission Response	Status
LIRR	<p>R-20-008: Queens Village, NY: (NTSB Completed Investigation and issued a Findings on May 14, 2020) Mitigate risks associated with using <u>train approach warning</u> as a method of on-track protection</p> <p>R-20-009: Work with the Labor Unions to develop and implement a work scheduling regime to reduce risk of fatigue</p>	<p>August 14, 2020 UPDATE: Formal Recommendation meeting with NTSB held 2/17/21. NTSB status update to be issued by MTA 4Q21.</p> <p>August 14, 2020 UPDATE: Formal recommendation meeting with NTSB held 2/17/21. NTSB status update to be issued by MTA 4Q21.</p>	<p>- Open – Acceptable Response</p> <p>- Open – Acceptable Response</p>



NTSB Open Recommendations as of 7-21-21

Agency	Recommendation	Submission Response	Status
MNR	R-19-044: Rye, NY Following a report of a track condition, rail traffic controllers should issue a speed restriction	December 19, 2019 UPDATE: New track condition procedures implemented. Formal response to NTSB for "Closed Acceptable" status pending.	- Open -
	R-19-045: Until PTC is fully implemented MNR Railroad should communicate to all train engineers and conductors the circumstances of this accident and the importance of the train engineer informing the conductor of any speed restrictions.	December 19, 2019 UPDATE: PTC is now fully implemented providing redundancy to further mitigate this condition. Formal response to NTSB for "Closed Acceptable" status pending.	- Open -



Drug & Alcohol Testing Programs

**New York City Transit
MTA Bus Company
Metro North Railroad
Long Island Rail Road
MTA Police**

July 9, 2021





Drug Testing Categories

Fitness For Duty

- Pre-Employment/Promotion
- Periodic
- Return-To-Work
- Reasonable Suspicion
- Post-Accident

Deterrent (Random)

- Random Drug & Alcohol Testing

Rehabilitation (Return-To-Duty Process)

- Follow-up Drug and /or Alcohol testing



Random DOT Testing Rates

New York City Transit, MTA Bus & MTA Police

- FTA: 50% Drug (as of 1/1/2019) 10% Alcohol

Metro North Railroad & Long Island Rail Road

- FRA (MOW): 50% Drug 25% Alcohol
- FRA (HOS): 25% Drug 10% Alcohol
- FRA (MECH): 50% Drug 25% Alcohol (TBA)
- FMCSA: 25% Drug 10% Alcohol

Note

DOT: US Department of Transportation

FTA: Federal Transportation Administration

FRA: Federal Railroad Administration

Hours of Service

MOW Employees

FMCSA: Federal Motor Carrier Safety Administration



MTA Drug and/or Alcohol Positive Procedures

- Department and employee are notified by OHS regarding the reported positive.
- An interview is conducted between the employee and OHS Medical Review Officers (MRO) to discuss the testing results. At which point the MRO makes the determination if the employee is verified positive.
- If positive, the employee is referred to Labor Relations, and a stipulation agreement is finalized.
- The employee completes the mandatory EAP/UAP requirements, and Return-To-Duty process before returning to work.
- Employee is placed into a follow-up testing program, which can range from 1 to 5 years.

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MTA Federally Mandated Testing

Testing Reason	2020			January - June 2021		
	Total Number of Test	Positive Drug Test	Drug Positive Rate	Total Number of Test	Positive Drug Test	Drug Positive Rate
Pre-Employment	2,677	27	1.01%	1,760	34	1.93%
Random	21,015	80	0.38%	12,217	43	0.35%
Post Accident	1,010	0	0.00%	566	3	0.53%
Reasonable Susp./Cause	22	0	0.00%	40	2	5.00%
Return-to-Duty/RTW	359	5	1.39%	204	2	0.98%
Follow-Up	1,581	12	0.76%	1,056	5	0.47%
Total:	26,664	124	0.47%	15,843	89	0.56%

This includes testing for: FTA, FRA (HOS & MOW) & FMCSA



MTA Non-Federally Mandated Testing

Testing Reason	2020			January - June 2021		
	Total Number of Test	Positive Drug Test	Drug Positive Rate	Total Number of Test	Positive Drug Test	Drug Positive Rate
Pre-Employment	796	16	2.01%	649	4	0.62%
Random	30	0	0.00%	22	0	0.00%
Post Accident	1,734	12	0.69%	937	1	0.11%
Reasonable Susp./Cause	992	16	1.61%	400	11	2.75%
Return-to-Duty/RTW	8,308	62	0.75%	3664	34	0.93%
Follow-Up	1,518	18	1.19%	887	5	0.56%
Injury on Duty	174	0	0.00%	108	0	0.00%
Periodic	9,237	15	0.16%	4851	11	0.23%
Total:	22,789	139	0.61%	11,518	66	0.57%

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Federally Mandated Positivity Rate MTA Comparison with the Nation

Percent Positive - Federally Mandated Testing			
Testing Reason	2020 (US)	2020 (MTA)	Jan - Jun 2021 (MTA)
Pre-Employment	2.1%	1.0%	1.9%
Random	2.0%	0.4%	0.4%
Post Accident	4.3%	0.0%	0.5%
Reasonable Susp./Cause	12.7%	0.0%	5.0%
Return-to-Duty/RTW	4.5%	1.4%	1.0%
Follow-Up	4.6%	0.8%	0.5%

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Non-Federally Mandated Positivity Rate MTA Comparison with the Nation

Percent Positive - Non-Federally Mandated Testing			
Testing Reason	2020 (US)	2020 (MTA)	Jan - Jun 2021 (MTA)
Pre-Employment	5.2%	2.0%	0.6%
Random	5.8%	0.0%	0.0%
Post Accident	9.5%	0.7%	0.1%
Reasonable Susp./Cause	34.7%	1.6%	2.8%
Return-to-Duty/RTW	6.2%	0.8%	0.9%
Follow-Up	7.1%	1.2%	0.6%

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