MTA Long Island Rail Road

ANNUAL OPERATING REPORT 2023

MTA Long Island Rail Road

Contents

MTA Long Island Rail Road

Performance Summary			2023 Data		2022 Data
			Annual	YTD thru	YTD thru
			Goal	December	December
On Time Performance	**System**	**Overall**	*94.0%*	**93.9%**	**95.8%**
(Trains that arrive at		AM Peak		92.3%	96.0%
their final destination		PM Peak		92.7%	95.7%
within 5 minutes 59 seconds		**Total Peak**		**92.5%**	**95.8%**
of scheduled arrival time)		Off Peak Weekday		94.0%	95.7%
		Weekend		95.3%	96.0%
	Atlantic Branch	**Overall**	*94.0%*	**98.1%**	**---**
		AM Peak		98.1%	---
		PM Peak		97.8%	---
		Total Peak		**97.9%**	**---**
		Off Peak Weekday		97.8%	---
		Weekend		99.0%	---
	Babylon Branch	**Overall**	*93.9%*	**93.2%**	**96.8%**
		AM Peak		90.1%	96.3%
		PM Peak		90.7%	96.3%
		Total Peak		**90.4%**	**96.3%**
		Off Peak Weekday		94.1%	97.5%
		Weekend		94.8%	96.1%
	Far Rockaway Branch	**Overall**	*96.6%*	**95.3%**	**98.0%**
		AM Peak		93.6%	96.7%
		PM Peak		94.8%	98.4%
		Total Peak		**94.2%**	**97.4%**
		Off Peak Weekday		95.3%	98.3%
		Weekend		96.6%	98.2%
	Huntington Branch	**Overall**	*92.5%*	**90.0%**	**93.5%**
		AM Peak		90.6%	95.1%
		PM Peak		89.1%	93.1%
		Total Peak		**89.9%**	**94.2%**
		Off Peak Weekday		90.1%	92.8%
		Weekend		89.9%	94.5%
	Hempstead Branch	**Overall**	*96.5%*	**94.4%**	**96.3%**
		AM Peak		90.9%	96.4%
		PM Peak		94.4%	94.5%
		Total Peak		**92.6%**	**95.5%**
		Off Peak Weekday		94.3%	96.1%
		Weekend		96.0%	96.9%
	Long Beach Branch	**Overall**	*95.9%*	**92.3%**	**97.0%**
		AM Peak		91.3%	97.4%
		PM Peak		91.7%	97.3%
		Total Peak		**91.5%**	**97.3%**
		Off Peak Weekday		90.7%	96.4%
		Weekend		96.2%	97.9%
	Montauk Branch	**Overall**	*90.8%*	**91.9%**	**94.0%**
		AM Peak		90.6%	93.1%
		PM Peak		90.9%	94.6%
		Total Peak		**90.8%**	**93.8%**
		Off Peak Weekday		93.0%	95.3%
		Weekend		90.4%	92.4%

Oyster Bay Branch	**Overall**	*94.1%*	**94.3%**	**95.5%**
	AM Peak		92.5%	96.9%
	PM Peak		91.7%	96.7%
	Total Peak		**92.1%**	**96.8%**
	Off Peak Weekday		95.2%	95.4%
	Weekend		95.1%	93.9%
Port Jefferson Branch	**Overall**	*90.9%*	**90.7%**	**92.2%**
	AM Peak		88.5%	93.1%
	PM Peak		90.8%	94.0%
	Total Peak		**89.6%**	**93.5%**
	Off Peak Weekday		89.8%	89.2%
	Weekend		94.3%	96.4%
Port Washington Branch	**Overall**	*95.3%*	**97.4%**	**96.3%**
	AM Peak		96.9%	98.3%
	PM Peak		97.0%	95.5%
	Total Peak		**97.0%**	**96.7%**
	Off Peak Weekday		97.5%	96.0%
	Weekend		97.5%	96.4%
Ronkonkoma Branch	**Overall**	*91.6%*	**92.9%**	**94.5%**
	AM Peak		91.2%	95.0%
	PM Peak		92.5%	95.4%
	Total Peak		**91.9%**	**95.2%**
	Off Peak Weekday		92.2%	93.6%
	Weekend		95.6%	95.9%
West Hempstead Branch	**Overall**	*95.8%*	**94.1%**	**98.4%**
	AM Peak		91.4%	97.5%
	PM Peak		81.8%	97.3%
	Total Peak		**86.1%**	**97.4%**
	Off Peak Weekday		95.2%	98.6%
	Weekend		97.8%	99.0%

Operating Statistics				
	Trains Scheduled		**303,519**	**226,066**
	Avg. Delay per Late Train (min)		-11.2	-12.4
	excluding trains canceled or terminated			
	Trains Over 15 min. Late		2,465	1,610
	excluding trains canceled or terminated			
	Trains Canceled		742	316
	Trains Terminated		559	483
	Percent of Scheduled Trips Completed		99.6%	99.6%

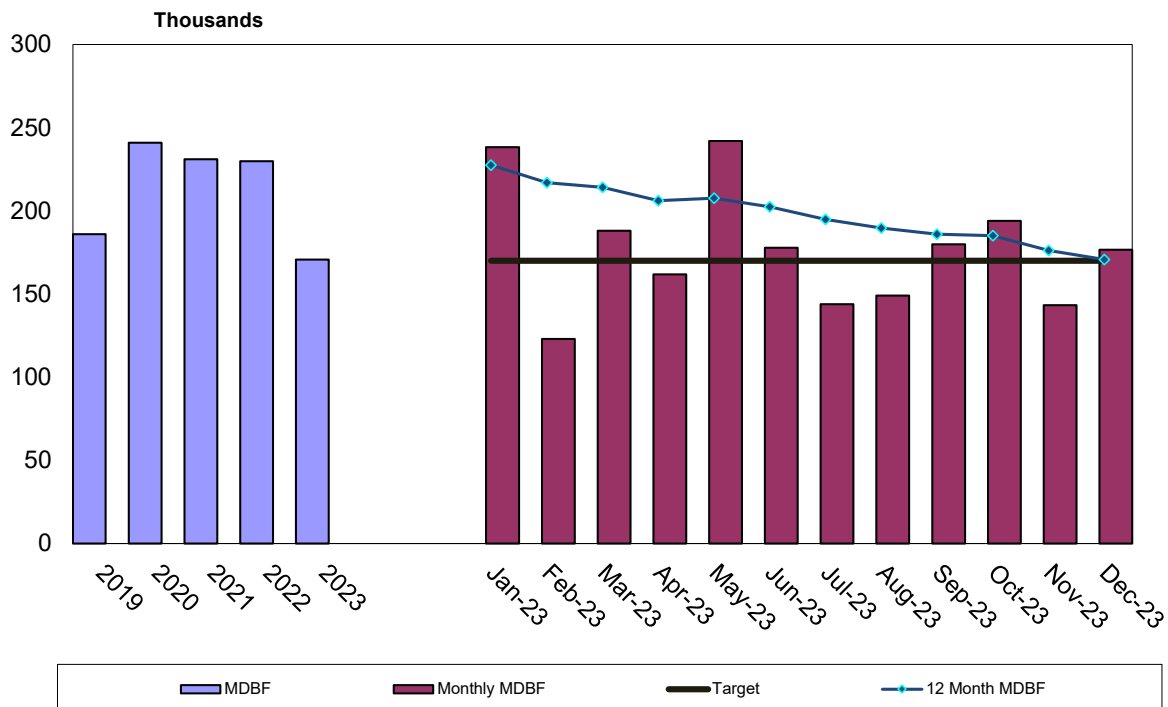| System Categories Of Delay	% Total	2023 Data	2022 Data	YTD 2023 Vs 2022
Infrastructure Maintenance	**16.1%**	2,957	1,656	1,301
Fleet	**13.7%**	2,523	1,025	1,498
Train Operations	**29.9%**	5,483	2,158	3,325
Capital Projects	**2.2%**	402	774	(372)
External Factors	**19.9%**	3,646	2,245	1,401
Customer Assistance	**6.4%**	1,167	496	671
Police	**11.9%**	2,187	1,136	1,051
Total:	**100.0%**	18,365	9,490	8,875

MTA Long Island Rail Road

Long Island Rail Road

MEAN DISTANCE BETWEEN FAILURES - DECEMBER 2023

	Equip-ment Type	Total Fleet Owned	MDBF Goal (miles)	December MDBF (miles)	December No. of Primary Failures	YTD MDBF thru December (miles)	12 month MDBF Rolling Avg (miles)	December MDBF (miles)	December No. of Primary Failures	YTD MDBF thru December (miles)
					2023 Data				**2022 Data**	
	M-3	100	*50,000*	36,196	9	50,018	50,018	77,034	1	85,882
	M-7	828	*330,000*	277,623	18	313,768	313,768	885,579	5	404,532
	M-9	182	*200,000*	1,059,766	0	402,589	402,589	190,381	4	254,521
Mean Distance Between Failures	C-3	134	*120,000*	137,061	5	109,388	109,388	337,980	2	164,051
	DE	24	*17,000*	14,415	7	15,426	15,426	21,986	4	23,593
	DM	21	*17,000*	36,265	2	14,832	14,832	25,881	3	19,022
	Diesel	179	*55,000*	61,338	14	49,186	49,186	93,505	9	71,693
	Fleet	**1,289**	***170,000***	**176,622**	**41**	**170,752**	**170,752**	**321,473**	**19**	**229,824**

Mean Distance Between Failures (MDBF) is the average number of miles a railcar or locomotive travels before breaking down and causing a delay. The higher the MDBF, the more reliable the equipment and the service.

ALL FLEETS
Mean Distance Between Failure
2019 - 2023

MTA **Long Island Rail Road**

ELEVATOR AND ESCALATOR AVAILABILITY

Elevator Availability		Annual Rating	
		2022	**2023**
Branch	Babylon Branch	99.1%	99.2%
	Far Rockaway Branch	99.4%	98.9%
	Hempstead Branch	99.2%	99.5%
	Long Beach Branch	99.5%	99.3%
	Port Jefferson Branch	98.9%	99.0%
	Port Washington Branch	98.9%	99.3%
	Ronkonkoma Branch	98.7%	98.7%
	City Terminal Branch	98.0%	99.2%
	Overall Average	98.8%	99.1%

Escalator Availability		Annual Rating	
		2022	**2023**
Branch	Babylon Branch	95.0%	96.9%
	Far Rockaway Branch	93.2%	92.2%
	Hempstead Branch	97.3%	97.3%
	Long Beach Branch	97.4%	97.2%
	Port Jefferson Branch	97.7%	98.1%
	City Terminal Branch	95.0%	94.6%
	Overall Average	95.3%	95.7%

MTA Long Island Rail Road

Scheduled Trains By Year
1990 Through 2023

Grand Central Madison Increased Service

COVID-19 Pandemic Reduced Service

Scheduled Trains

On Time Performance By Year
1990 Through 2023

On Time Performance

Year

Long Island Rail Road

2023 On Time Performance by Month

2023 Major Events by Month