



# ANNUAL OPERATING REPORT

2022

2022 Annual Operating Performance Summary			2022 Data		2021 Data	
			Annual Goal	Year-End	Year-End	
<b>On Time Performance</b> <i>(Trains that arrive at their final destination within 5 minutes 59 seconds of scheduled arrival time)</i>	<b>System</b>	<b>Overall</b>	<b>94.0%</b>	<b>97.1%</b>	<b>97.1%</b>	
		AM Peak	94.0%	96.9%		
		AM Reverse Peak	94.0%	98.0%		
		PM Peak	94.0%	95.8%		
		<b>Total Peak</b>	<b>94.0%</b>	<b>96.6%</b>		
		Off Peak Weekday	94.0%	96.9%	97.0%	
		Weekend	94.0%	97.8%	97.5%	
		<b>Hudson Line</b>	<b>Overall</b>	<b>94.0%</b>	<b>97.0%</b>	<b>97.4%</b>
			AM Peak	94.0%	96.5%	
			AM Reverse Peak	94.0%	97.8%	
			PM Peak	94.0%	96.5%	
			<b>Total Peak</b>	<b>94.0%</b>	<b>96.7%</b>	
			Off Peak Weekday	94.0%	97.1%	97.6%
			Weekend	94.0%	97.1%	97.0%
		<b>Harlem Line</b>	<b>Overall</b>	<b>94.0%</b>	<b>97.3%</b>	<b>97.2%</b>
			AM Peak	94.0%	97.2%	
			AM Reverse Peak	94.0%	97.8%	
			PM Peak	94.0%	95.4%	
			<b>Total Peak</b>	<b>94.0%</b>	<b>96.5%</b>	
			Off Peak Weekday	94.0%	97.4%	97.0%
			Weekend	94.0%	98.3%	97.8%
	<b>New Haven Line</b>	<b>Overall</b>	<b>94.0%</b>	<b>96.8%</b>	<b>96.9%</b>	
		AM Peak	94.0%	96.8%		
		AM Reverse Peak	94.0%	98.3%		
		PM Peak	94.0%	95.7%		
		<b>Total Peak</b>	<b>94.0%</b>	<b>96.6%</b>		
		Off Peak Weekday	94.0%	96.5%	96.6%	
		Weekend	94.0%	97.8%	97.6%	
<b>Operating Statistics</b>		<b>Trains Scheduled</b>		<b>214,928</b>	<b>167,333</b>	
		<b>Avg. Delay per Late Train (min)</b> <small>excluding trains cancelled or terminated</small>		14.3	14.6	
		<b>Trains Over 15 min. Late</b> <small>excluding trains cancelled or terminated</small>	2,300	1,609	1,200	
		<b>Trains Canceled</b>	230	158	111	
		<b>Trains Terminated</b>	230	177	158	
		<b>Percent of Scheduled Trips Completed</b>	99.8%	99.8%	99.8%	
<b>Consist Compliance</b> <i>(Percent of trains where the number of seats provided was greater than or equal to the required number of seats per loading standards)</i>	<b>System</b>	<b>Overall</b>	<b>99.0%</b>	<b>100.0%</b>	<b>100.0%</b>	
		AM Peak	99.0%	99.9%		
		AM Reverse Peak	99.0%	100.0%		
		PM Peak	99.0%	99.8%		
		<b>Total Peak</b>	<b>99.0%</b>	<b>99.9%</b>		
		Off Peak Weekday	99.0%	100.0%	100.0%	
		Weekend	99.0%	100.0%	100.0%	
		<b>Hudson Line</b>	AM Peak	99.0%	100.0%	
			PM Peak	99.0%	100.0%	
		<b>Harlem Line</b>	AM Peak	99.0%	100.0%	
			PM Peak	99.0%	99.8%	
	<b>New Haven Line</b>	AM Peak	99.0%	99.9%		
		PM Peak	99.0%	99.7%		



Delay Incidents SYSTEM		2022 Data	2021 Data	YTD 2022 Vs 2021
Category of Delay	% Total	Year Ending Dec 31	Year Ending Dec 31	
<b>Infrastructure Maintenance</b>	27.14%	1708	2747	-1039
<b>Fleet</b>	18.88%	1188	3065	-1877
<b>Train Operations</b>	11.50%	724	470	254
<b>Capital</b>	1.51%	95	135	-40
<b>External Factors</b>	21.08%	1327	3267	-1940
<b>Police</b>	17.21%	1083	2120	-1037
<b>Customer Assistance</b>	2.69%	169	279	-110
<b>TOTAL</b>	100.00%	6294	12082	-5788
<b>HUDSON LINE</b>				<b>YTD 2022 Vs 2021</b>
	% Total	Year Ending Dec 31	Year Ending Dec 31	
<b>Infrastructure Maintenance</b>	5.89%	371	495	-124
<b>Fleet</b>	4.85%	305	564	-259
<b>Train Operations</b>	3.15%	198	68	130
<b>Capital</b>	0.33%	21	82	-61
<b>External Factors</b>	6.63%	417	808	-391
<b>Police</b>	4.62%	291	372	-81
<b>Customer Assistance</b>	0.73%	46	51	-5
<b>TOTAL</b>	26.20%	1649	2440	-791
<b>HARLEM LINE</b>				<b>YTD 2022 Vs 2021</b>
	% Total	Year Ending Dec 31	Year Ending Dec 31	
<b>Infrastructure Maintenance</b>	8.28%	521	827	-306
<b>Fleet</b>	4.85%	305	563	-258
<b>Train Operations</b>	3.15%	198	158	40
<b>Capital</b>	0.33%	21	10	11
<b>External Factors</b>	6.63%	417	1188	-771
<b>Police</b>	4.62%	291	695	-404
<b>Customer Assistance</b>	0.73%	46	57	-11
<b>TOTAL</b>	28.58%	1799	3498	-1699
<b>NEW HAVEN LINE</b>				<b>YTD 2022 Vs 2021</b>
	% Total	Year Ending Dec 31	Year Ending Dec 31	
<b>Infrastructure Maintenance</b>	12.96%	816	1174	-358
<b>Fleet</b>	8.37%	527	1419	-892
<b>Train Operations</b>	5.15%	324	225	99
<b>Capital</b>	0.19%	12	43	-31
<b>External Factors</b>	9.88%	622	1147	-525
<b>Police</b>	8.82%	555	974	-419
<b>Customer Assistance</b>	1.21%	76	99	-23
<b>TOTAL</b>	46.58%	2932	5081	-2149

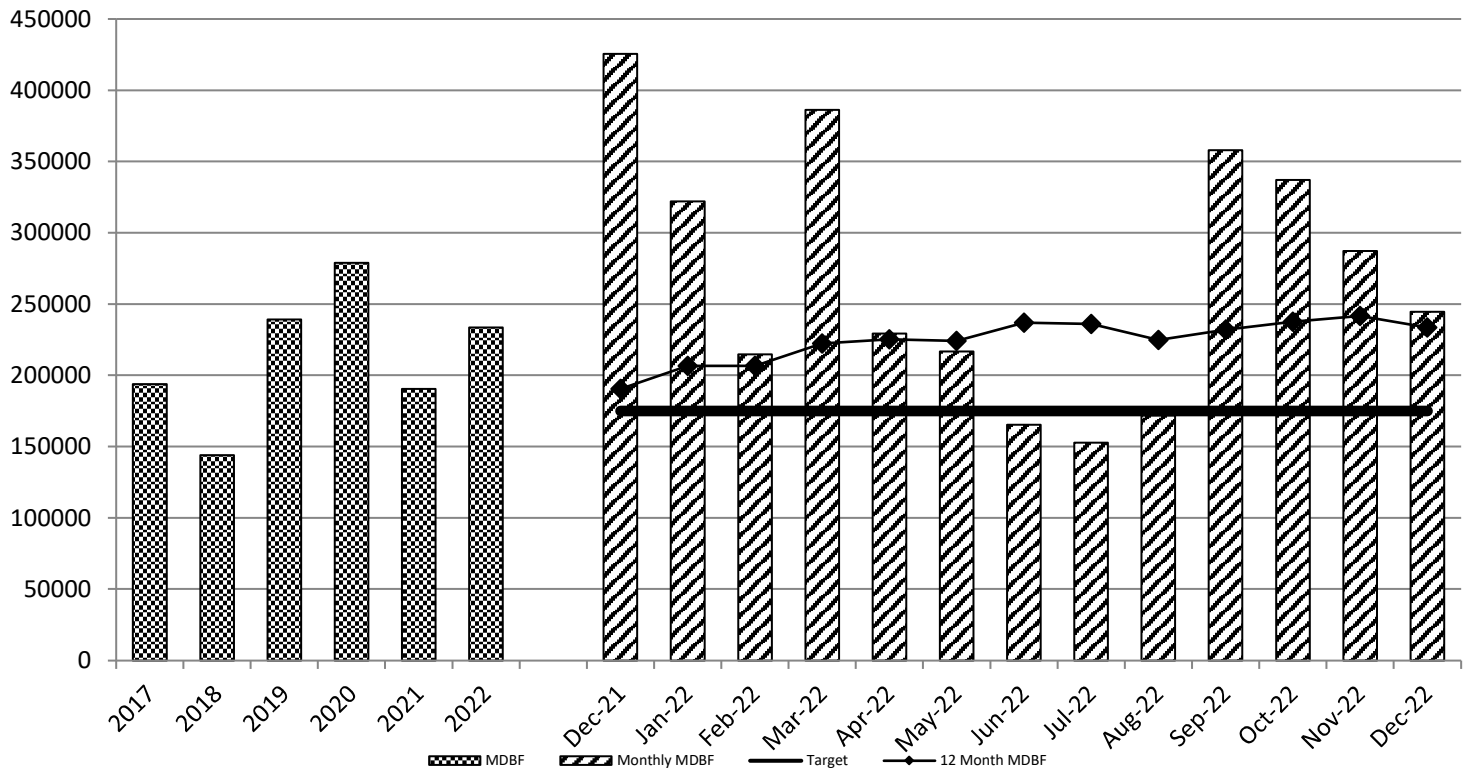
			2022 Data		2021 Data
	Equip-ment Type	Total Fleet Size	MDBF Goal (miles)	Year Ending as of December-22 (miles)	Year Ending as of December-21 (miles)
<b>Mean Distance Between Failures</b>	M8	443	290,000	585,335	179,435
	M3	138	80,000	70,910	122,387
	M7	334	340,000	540,654	499,452
	Coach	207	210,000	262,704	318,298
	P-32	31	21,000	29,844	31,618
	BL-20	12	13,000	14,588	17,585
	<b>Fleet</b>	<b>1165</b>	<b>175,000</b>	<b>233,617</b>	<b>190,518</b>

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

### ALL FLEETS

## Mean Distance Between Failures

### 2017 - 2022



<b>Elevator Availability</b>	<b>2022</b>	<b>2021</b>
	Annual	Annual
Grand Central Terminal	99.96%	99.52%
Harlem	99.91%	99.94%
Hudson	99.93%	99.92%
New Haven	99.93%	99.90%
Overall Average	99.93%	99.82%

**PLEASE NOTE:** The NE-1 Elevator (47th St Cross Passageway & Madison Ave) was out of service due to East Side Access construction and is excluded from this report.

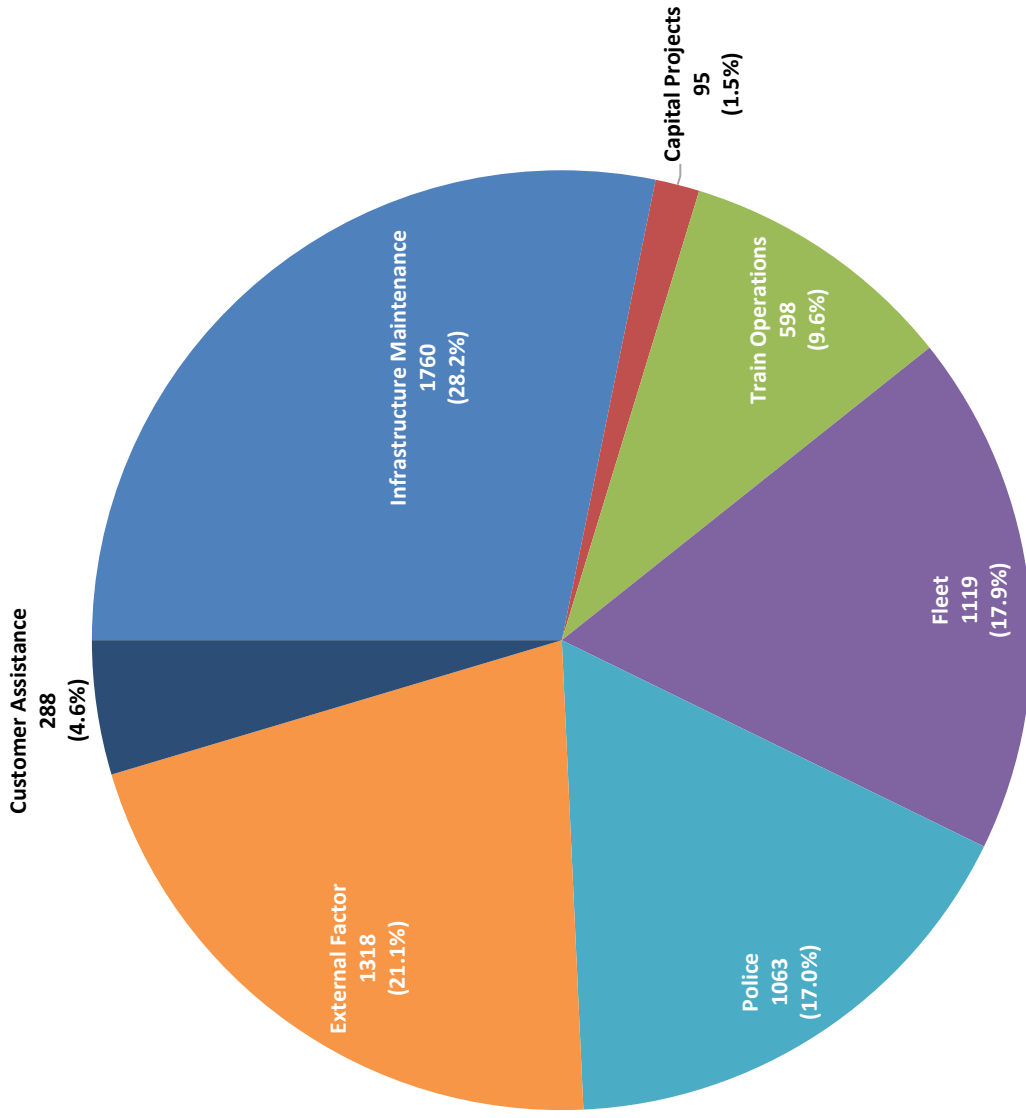
<b>Escalator Availability</b>	<b>2022</b>	<b>2021</b>
	Annual	Annual
Grand Central Terminal	100.00%	99.84%
White Plains	99.95%	100.00%
Overall Average	99.97%	99.92%

**PLEASE NOTE:** Escalator #11 (47th St crosspassage to 47th & Madison) was out of service for scheduled upgrade work and is excluded from this report.

2022 West of Hudson Performance Summary			2022 Data		2021 Data
			Annual Goal	YEAR-END	YEAR-END
<b>On Time Performance</b> <i>(Trains that arrive at their final destination within 5 minutes 59 seconds of scheduled arrival time)</i>	<b>West of Hudson Total</b>	<b>Overall</b>	<b>94.0%</b>	<b>93.0%</b>	<b>93.4%</b>
		AM Peak	94.0%	95.1%	94.2%
		PM Peak	94.0%	93.8%	95.7%
		<b>Total Peak</b>	<b>94.0%</b>	<b>94.4%</b>	<b>94.9%</b>
		Off Peak Weekday	94.0%	92.0%	92.4%
		Weekend	94.0%	92.7%	93.0%
	<b>Pascack Line</b>	<b>Overall</b>	<b>94.0%</b>	<b>92.9%</b>	<b>94.6%</b>
	<b>Valley Line</b>	AM Peak	94.0%	96.1%	96.1%
		PM Peak	94.0%	95.8%	96.9%
		<b>Total Peak</b>	<b>94.0%</b>	<b>96.0%</b>	<b>96.5%</b>
		Off Peak Weekday	94.0%	90.8%	93.1%
		Weekend	94.0%	92.5%	94.8%
	<b>Port Jervis Line</b>	<b>Overall</b>	<b>94.0%</b>	<b>93.0%</b>	<b>91.7%</b>
		AM Peak	94.0%	93.4%	91.6%
		PM Peak	94.0%	91.4%	94.3%
		<b>Total Peak</b>	<b>94.0%</b>	<b>92.3%</b>	<b>93.0%</b>
		Off Peak Weekday	94.0%	93.4%	91.6%
	Weekend	94.0%	93.1%	89.8%	
<b>Operating Statistics</b>	<b>Trains Scheduled</b>		<b>19,879</b>	<b>19,701</b>	
	<b>Avg. Delay per Late Train (min)</b> <small>excluding trains cancelled or terminated</small>		20.5	21.6	
	<b>Trains Over 15 min. Late</b> <small>excluding trains cancelled or terminated</small>	300	661	553	
	<b>Trains Canceled</b>	60	88	130	
	<b>Trains Terminated</b>	60	64	65	
	<b>Percent of Scheduled Trips Completed</b>	99.4%	99.2%	99.0%	
<b>Consist Compliance*</b> <i>(Percent of trains where the number of coaches provided met the scheduled requirement)</i>	<b>System - AM</b>	<b>99.0%</b>	<b>94.8%</b>	<b>93.0%</b>	
	Pascack Valley - AM	99.0%	96.1%	91.1%	
	Port Jervis - AM	99.0%	93.2%	91.1%	

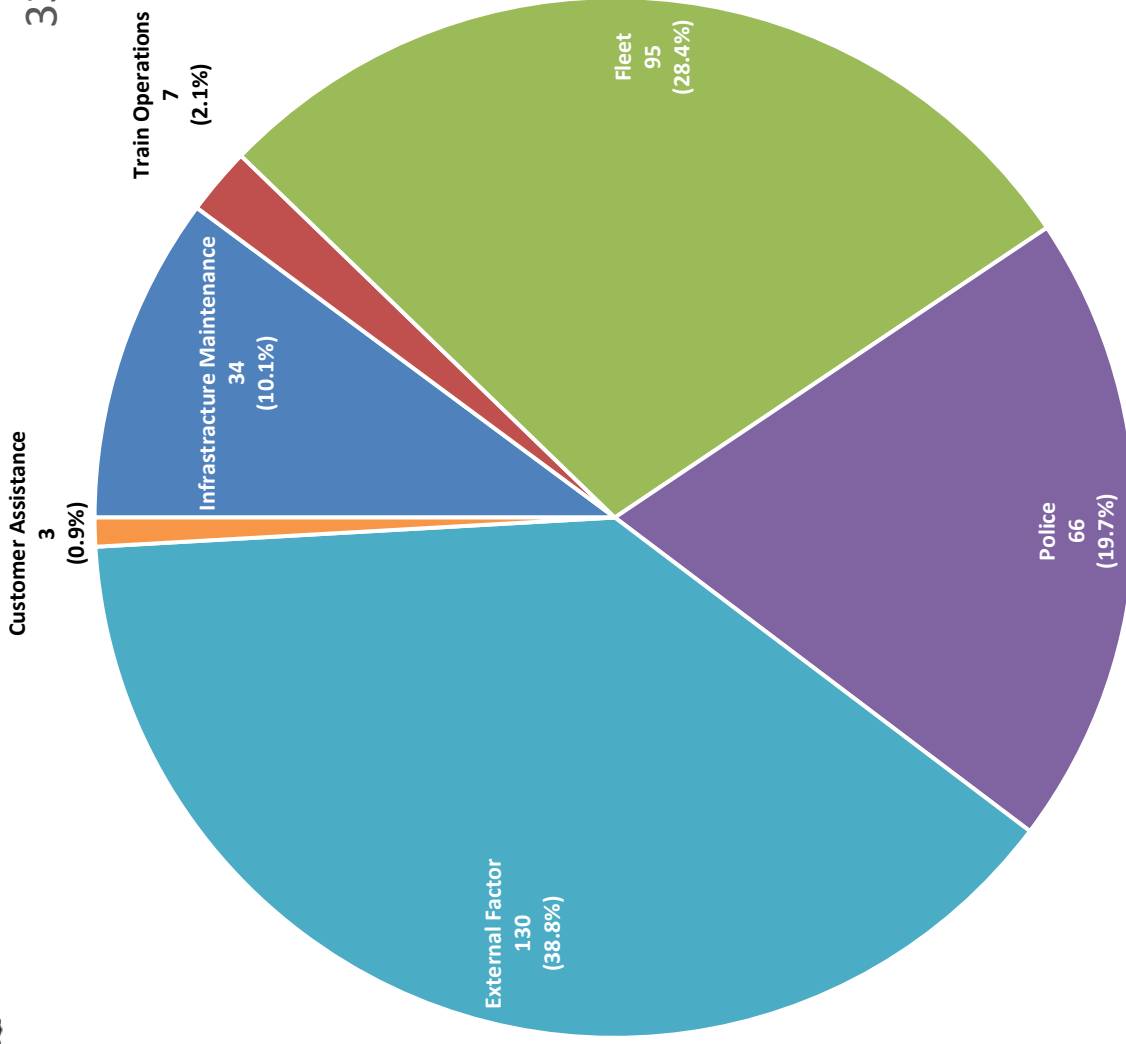
# 2022 MNR Delay Incidents

## 6,241





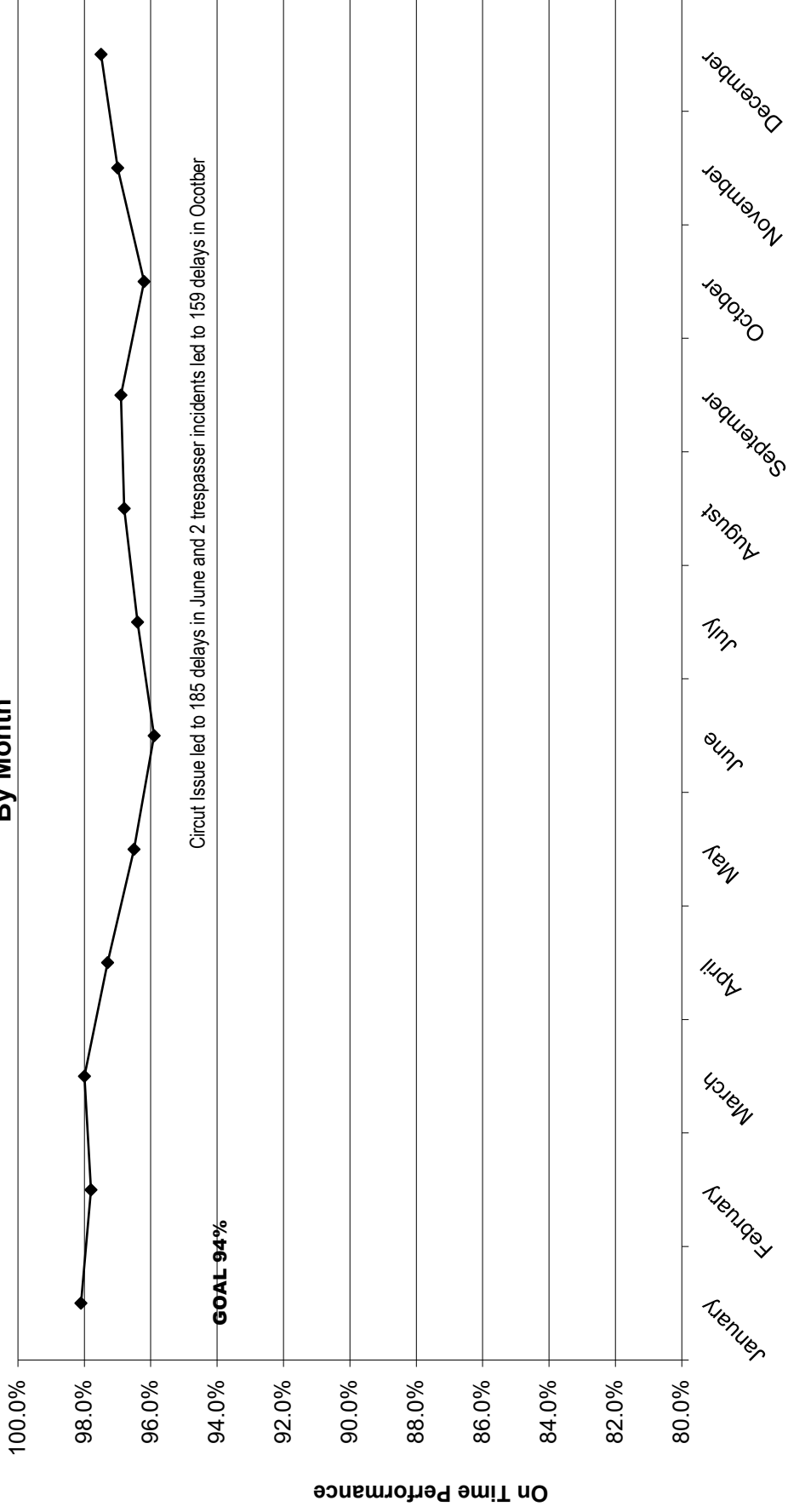
335







# 2022 On Time Performance By Month



Circuit Issue led to 185 delays in June and 2 trespasser incidents led to 159 delays in October

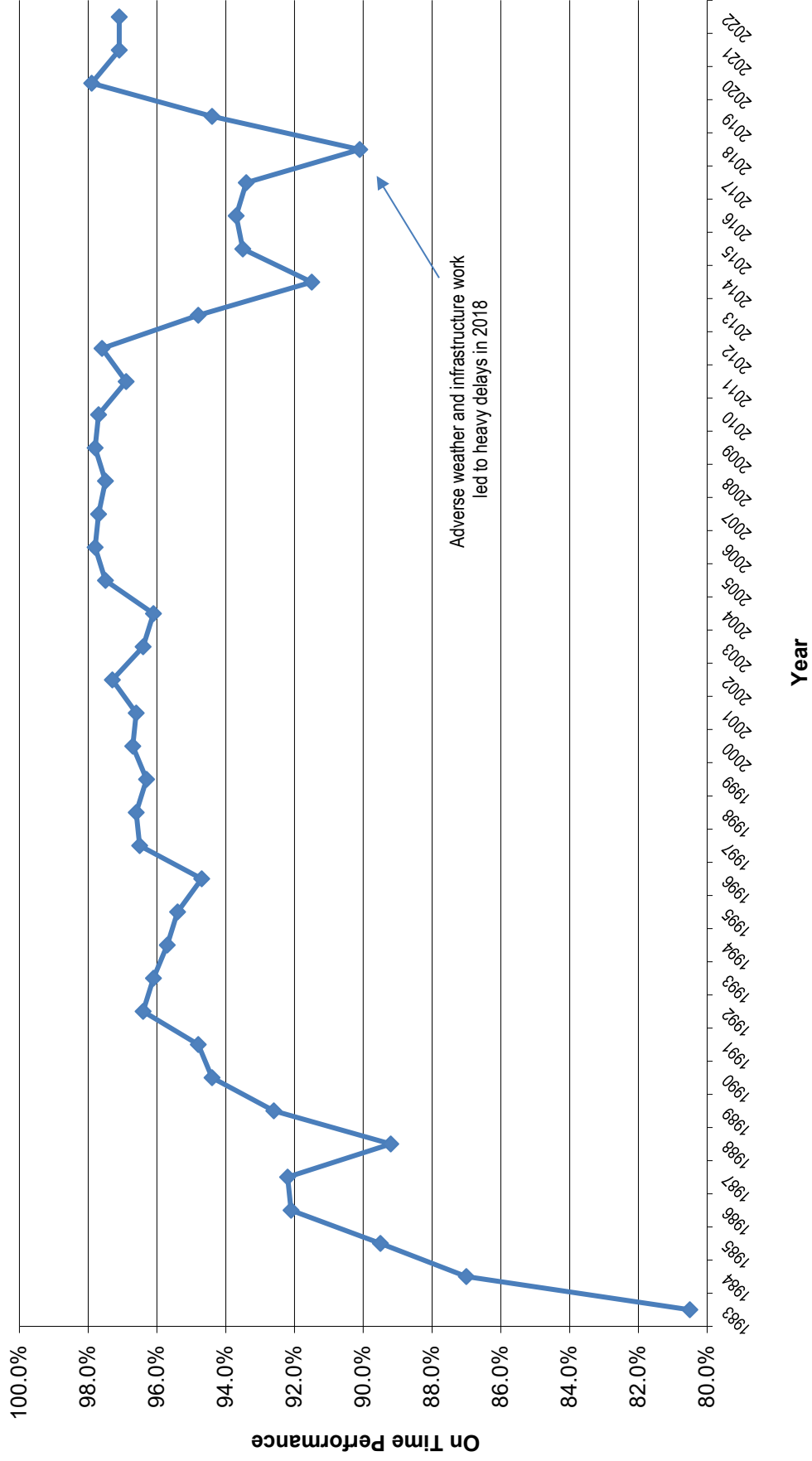
**GOAL-94%**

On Time Performance

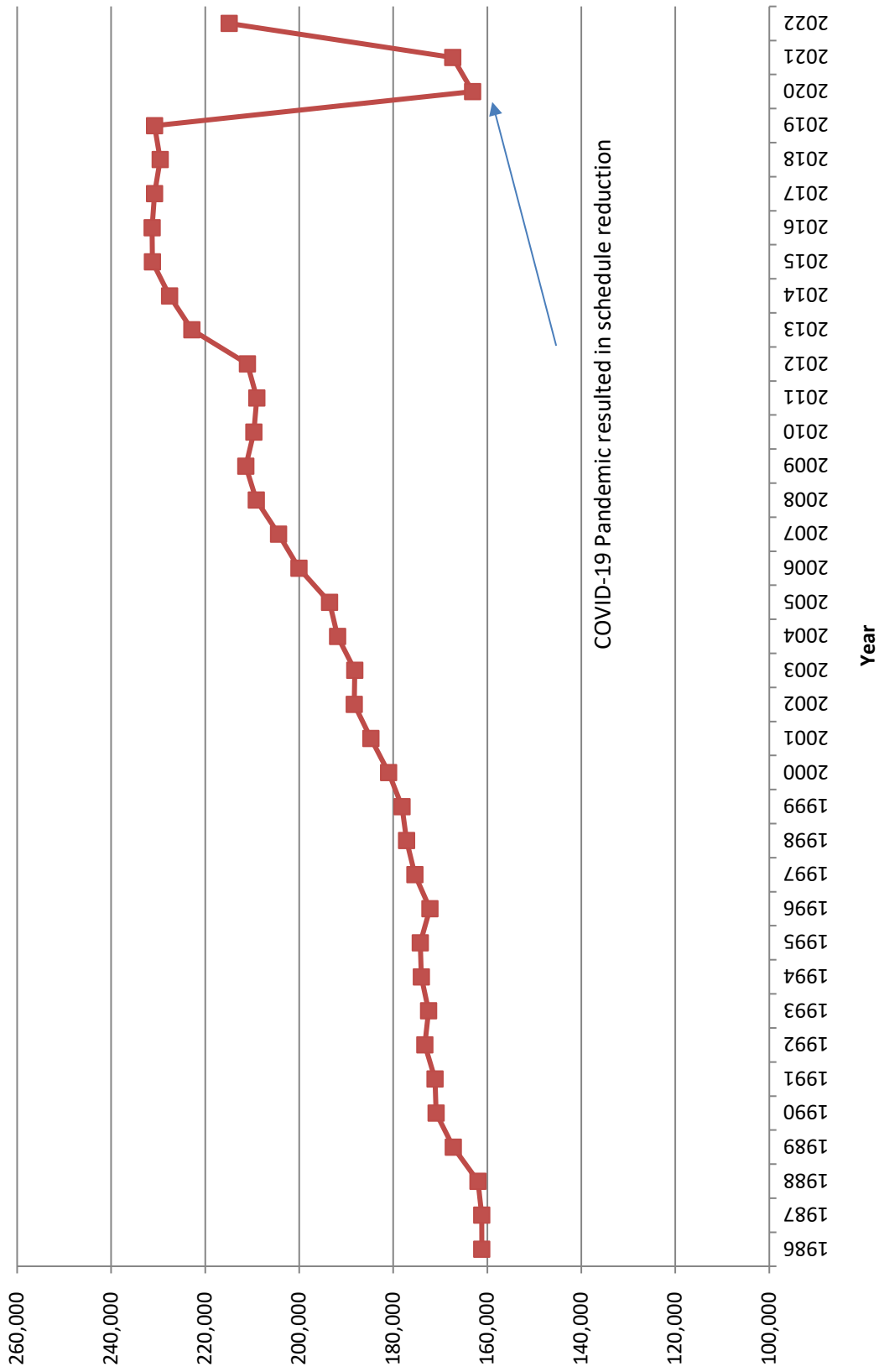
Month



### On Time Performance By Year 1983 through 2022



# Scheduled Trains by Year



## Percentage of Adversely Impacted Trains (>15' Late, Cancelled, Terminated)

