

Los Angeles County
Metropolitan Transportation Authority
California

OPERATIONS MONTHLY RAIL PERFORMANCE REPORT

JANUARY 2017



METRO RAIL PERFORMANCE – JANUARY 2017

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Metro Rail Scorecard Overview

Metro operates heavy rail, the Red and Purple Lines, from Union Station to North Hollywood and Union Station to Wilshire/Western. Data for Red and Purple lines are reported under Metro Red line in this report.

Metro also operates four light rail lines: Blue Line from Downtown to Long Beach, Green Line along the 105 freeway, Gold Line from Azusa to East Los Angeles, and Expo Line from Los Angeles to Santa Monica.

Metro Rail is responsible for the operation of approximately 104 heavy rail cars and 203 light rail cars carrying nearly 110 million passengers each year.

Also included in this report are Key Performance Indicators for Wayside, which is in the process of being developed.

Measurement	FY 2014	FY 2015	FY 2016	FY 2017 Target	FY 2017 YTD	FYTD Status	Nov Month	Dec Month	Jan Month
Systemwide									
On-Time Pullouts	99.55%	99.67%	99.63%	99.50%	99.64%	●	99.33%	99.97%	99.55%
Mean Miles Between Chargeable Mechanical Failures	28,829	34,524	30,482	27,911	28,467	●	34,270	24,134	30,510
In-Service On-time Performance	97.92%	98.39%	98.10%	98.00%	98.11%	●	96.96%	97.74%	97.24%
Service Delivery Ratio	99.12%	99.35%	99.22%	99.25%	99.20%	●	99.10%	98.80%	99.16%
Traffic Accidents Per 100,000 Train Miles	1.47	1.18	1.17	N/A	1.13	N/A	0.13	1.18	1.83
CPUC Reportable Accidents per 100,000 Train Miles	0.10	0.43	0.60	0.67	0.42	●	0.00	0.26	1.04
Passenger Accidents per 100,000 Boardings	0.025	0.013	0.016	0.009	0.021	●	0.032	0.000	0.010
Complaints per 100,000 Boardings	0.91	0.78	1.43	1.12	1.97	●	2.10	1.39	2.24
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours ^{1,2}	15.35	11.11	10.97	10.42	11.96	●	15.68	10.88	10.59
Lost Work Days per 200,000 Exposure Hours ^{1,2}	861	880	482	458.16	764	●	824	32	-
OSHA Injuries per 200,000 Exposure Hours ^{1,2}	8.18	6.68	6.32	6.00	8.94	●	10.78	7.91	-
Wayside									
Overdue Work Orders (Non-PMP) - Aging of Outstanding Work Orders	0	1	31	N/A	178	N/A	24	37	70
Past-Due Preventive Maintenance - Aging of Outstanding Work Orders	0	1	31	N/A	178	N/A	24		70
% of Completed Inspections	99.41%	99.51%	99.57%	N/A	99.51%	N/A	99.08%	98.39%	100.00%
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours	9.28	9.07	4.77	4.53	4.59	●	4.12	4.24	3.95
Lost Work Days per 200,000 Exposure Hours ¹	179	309	148	141	140	●	392		-
OSHA Injuries per 200,000 Exposure Hours ¹	6.31	8.28	4.40	4.18	4.03	●	4.12	44.00	-
							49.00		
Blue Line									
On-Time Pullouts	99.37%	99.41%	99.59%	99.50%	99.56%	●	99.85%	100.00%	98.98%
Mean Miles Between Chargeable Mechanical Failures	18,731	23,716	19,240	19,572	16,532	●	19,612	53	14,406
In-Service On-time Performance	95.84%	97.28%	96.10%	97.00%	96.35%	●	94.33%	5400.00%	93.27%
Service Delivery Ratio	98.36%	98.88%	98.41%	98.46%	98.61%	●	98.15%	5900.00%	97.57%
Traffic Accidents Per 100,000 Train Miles	2.97	2.48	2.38	N/A	2.52	N/A	0.00	4.50	3.92
CPUC Reportable Accidents per 100,000 Train Miles	0.00	0.89	1.39	1.34	0.93	●	0.00	1.29	1.96
Passenger Accidents per 100,000 Boardings	0.058	0.034	0.016	0.006	0.028	●	0.050	63.000	0.000
Complaints per 100,000 Boardings	1.10	0.90	1.33	1.09	1.65	●	2.30	64.00	1.69
New Workers' Compensation Indemnity Claims per	17.46	15.10	15.08	15.58	17.91	●	21.57	66.00	10.72
Lost Work Days per 200,000 Exposure Hours ¹	990	1,622		786	881	●	785	749	-
OSHA Injuries per 200,000 Exposure Hours ¹	5.71	10.64	6.79	9.58	12.75	●	21.57	27.59	-

¹ There is a One Month lag in reporting this data

² Includes Operations, RFS and Wayside

● Green - High probability of achieving the target (on track). Meets Target at 100% or better.

● Yellow - Uncertain if the target will be achieved -- slight problems, delays or management issues. Falls below Target 70 - 99%.

● Red - High probability that the target will not be achieved -- significant problems and/or delays. Falls below Target >70%.

N/A = Not Available

Measurement	FY 2014	FY 2015	FY 2016	FY 2017 Target	FY 2017 YTD	FYTD Status	Nov Month	Dec Month	Jan Month
Red Line									
On-Time Pullouts	99.72%	99.91%	99.79%	99.50%	100.00%	●	100.00%	100.00%	100.00%
Mean Miles Between Chargeable Mechanical	63,099	85,090	94,312	112,652	110,951	●	85,507	196,096	148,218
In-Service On-time Performance	98.91%	99.13%	99.45%	99.50%	99.52%	●	99.58%	99.51%	99.29%
Service Delivery Ratio	99.57%	99.60%	99.71%	99.71%	99.79%	●	99.88%	99.79%	99.67%
Traffic Accidents Per 100,000 Train Miles	1.01	0.47	0.75	N/A	0.72	N/A	0.86	0.00	1.66
CPUC Reportable Accidents per 100,000 Train Miles	0.00	0.07	0.07	0.60	0.24	●	0.00	0.00	1.66
Passenger Accidents per 100,000 Boardings	0.006	0.002	0.002	0.003	0.004	●	0.026	0.000	0.000
Complaints per 100,000 Boardings	0.60	0.54	0.57	0.56	0.87	●	0.82	0.51	1.34
New Workers' Compensation Indemnity Claims per	20.22	6.20	16.43	13.29	13.69	●	15.82	16.12	11.38
*Lost Work Days per 200,000 Exposure Hours	927	649	526	556	1,163	●	1,420	986	-
*OSHA Injuries per 200,000 Exposure Hours	11.79	3.54	7.99	6.55	9.38	●	21.10	5.37	-

Green Line									
On-Time Pullouts	99.69%	99.32%	99.49%	99.50%	99.84%	●	100.00%	100.00%	99.52%
Mean Miles Between Chargeable Mechanical Failures	19,513	21,054	19,238	19,911	15,365	●	16,983	8,808	14,376
In-Service On-time Performance	97.85%	97.39%	98.52%	98.20%	98.45%	●	98.99%	98.23%	98.53%
Service Delivery Ratio	99.57%	99.50%	99.59%	99.62%	99.58%	●	99.75%	99.54%	99.39%
Traffic Accidents Per 100,000 Train Miles	0.49	0.21	0.42	N/A	0.59	N/A	0.00	0.00	0.00
CPUC Reportable Accidents per 100,000 Train Miles	0.00	0.07	0.07	0.18	0.00	●	0.00	0.00	0.00
Passenger Accidents per 100,000 Boardings	0.023	0.024	0.034	0.011	0.064	●	0.117	0.000	0.000
Complaints per 100,000 Boardings	1.15	0.88	1.53	1.30	1.99	●	1.88	1.50	1.30
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours	16.51	7.32	7.18	9.27	7.29	●	0.00	0.00	19.67
*Lost Work Days per 200,000 Exposure Hours	1,299	479	228	195	905	●	751	554	-
*OSHA Injuries per 200,000 Exposure Hours	11.30	4.07	3.19	2.34	3.43	●	0.00	0.00	-

Gold Line									
On-Time Pullouts	99.56%	99.98%	99.68%	99.50%	99.82%	●	98.96%	100.00%	100.00%
Mean Miles Between Chargeable Mechanical Failures	45,894	44,171	40,426	51,665	35,395	●	65,357	38,175	54,892
In-Service On-time Performance	98.03%	98.56%	97.60%	97.50%	97.37%	●	97.47%	95.29%	97.70%
Service Delivery Ratio	99.03%	99.34%	99.11%	99.16%	98.75%	●	99.11%	96.69%	99.39%
Traffic Accidents Per 100,000 Train Miles	1.03	1.14	0.99	N/A	0.61	N/A	0.00	0.43	1.25
CPUC Reportable Accidents per 100,000 Train Miles	0.00	0.30	0.60	0.50	0.18	●	0.00	0.00	0.42
Passenger Accidents per 100,000 Boardings	0.052	0.007	0.039	0.035	0.020	●	0.000	0.000	0.000
Complaints per 100,000 Boardings	1.04	1.01	2.73	2.26	2.75	●	2.15	2.40	2.68
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours	14.98	15.96	11.87	12.20	12.52	●	16.67	0.00	5.36
*Lost Work Days per 200,000 Exposure Hours	1,460	1,068	766	808	1,246	●	731	2,167	-
*OSHA Injuries per 200,000 Exposure Hours	9.12	3.83	9.29	10.07	9.16	●	11.11	5.60	-

Expo Line									
On-Time Pullouts	-	-	99.53%	99.50%	98.69%	●	97.96%	99.80%	99.20%
Mean Miles Between Chargeable Mechanical Failures	-	-	18,114	19,572	24,660	●	28,964	17,586	32,390
In-Service On-time Performance	98.70%	99.14%	98.61%	97.05%	98.17%	●	92.51%	98.37%	96.62%
Service Delivery Ratio	99.45%	99.64%	99.56%	99.65%	99.28%	●	98.71%	99.51%	99.70%
Traffic Accidents Per 100,000 Train Miles	1.17	1.02	0.74	N/A	1.36	N/A	0.00	0.76	2.33
CPUC Reportable Accidents per 100,000 Train Miles	1.17	1.02	0.50	0.37	0.87	●	0.00	0.00	1.55
Passenger Accidents per 100,000 Boardings	0.000	0.000	0.019	0.000	0.033	●	0.000	0.000	0.066
Complaints per 100,000 Boardings	1.53	1.13	3.38	1.87	4.91	●	5.60	2.81	5.40
New Workers' Compensation Indemnity Claims per	-	24.97	8.44	0.00	19.83	●	40.65	15.31	22.27
*Lost Work Days per 200,000 Exposure Hours	-	937	73	0	555	●	1,018	1,407	-
*OSHA Injuries per 200,000 Exposure Hours	-	-	5.63	0.00	18.00	●	-	7.65	-

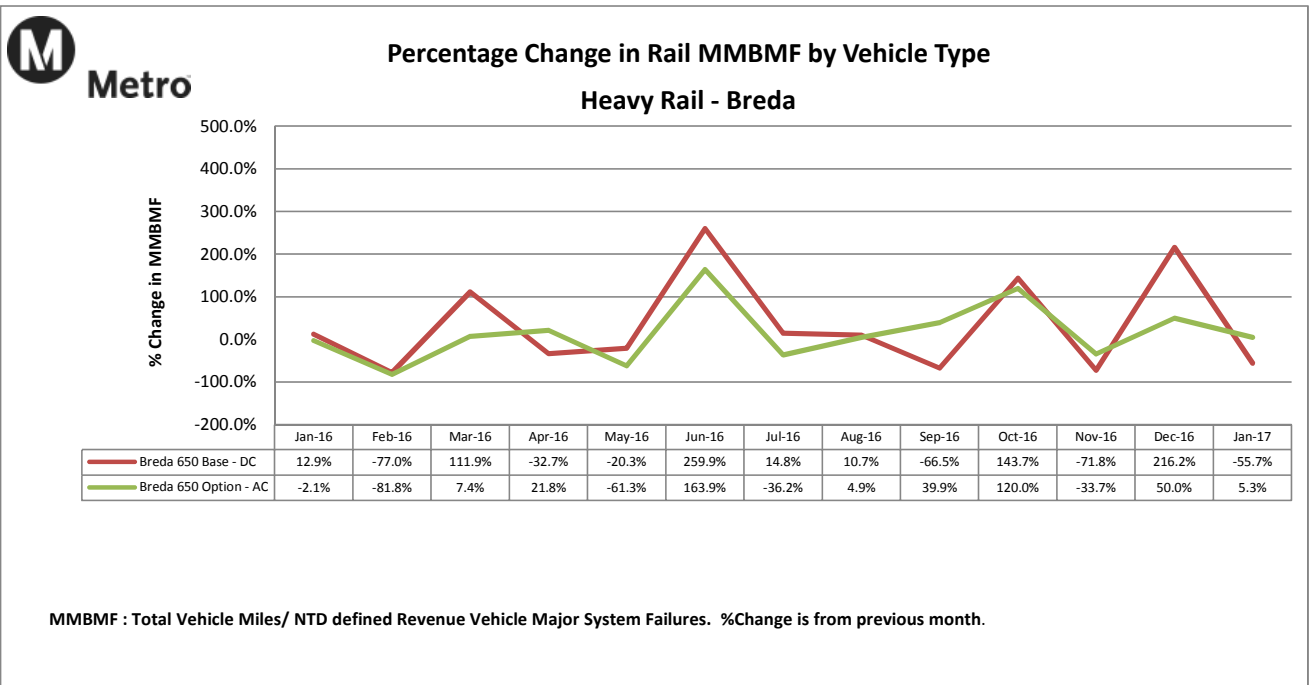
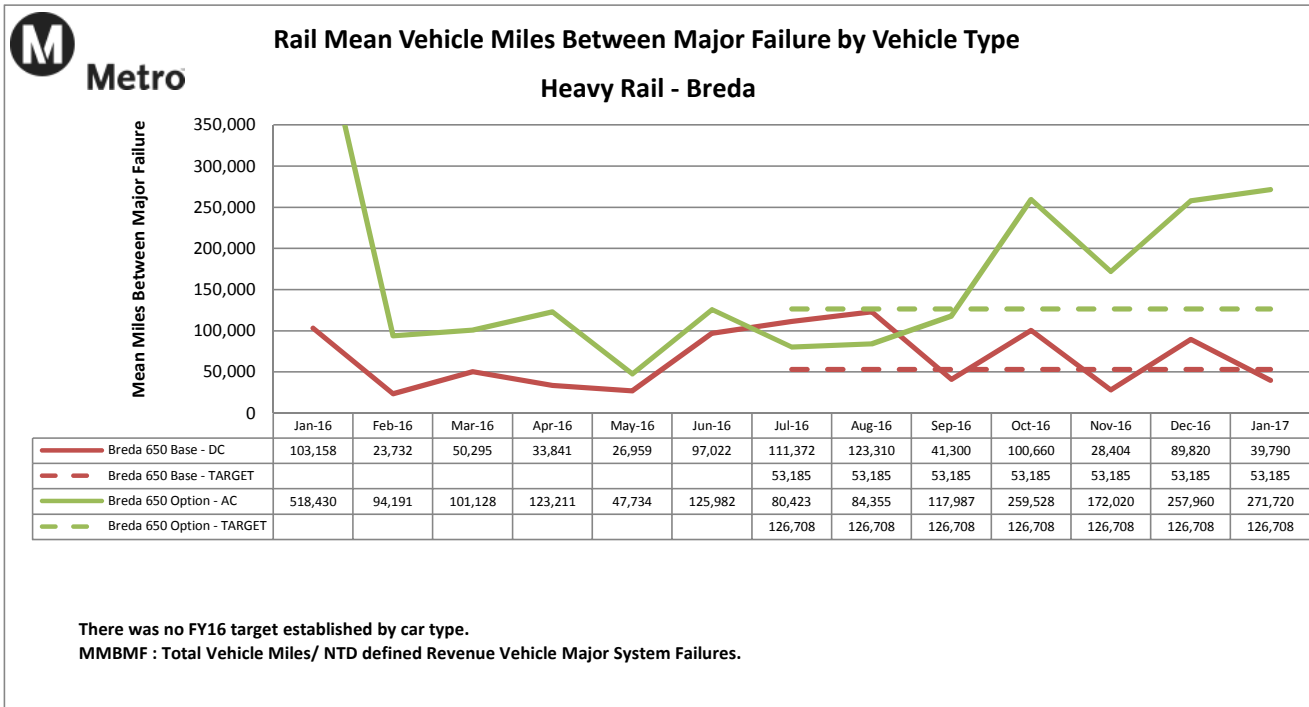
* There is One Month lag in reporting this data

- Green - High probability of achieving the target (on track). Meets Target at 100% or better.
- Yellow - Uncertain if the target will be achieved -- slight problems, delays or management issues. Falls below Target 70 - 99%.
- Red - High probability that the target will not be achieved -- significant problems and/or delays. Falls below Target >70%.

N/A = Not Available

METRO RAIL PERFORMANCE – JANUARY 2017

Rail Performance by Vehicle Type

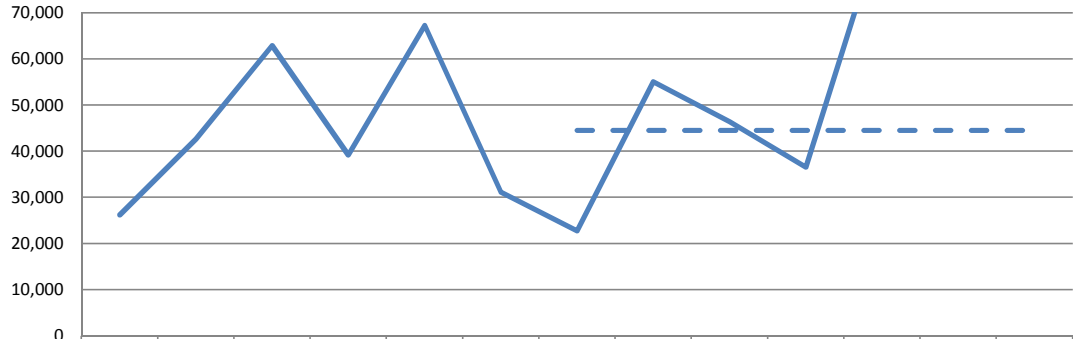




Metro

Rail Mean Vehicle Miles Between Major Failure by Vehicle Type Light Rail - Breda

Mean Miles Between Major Failure



	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
— AnsaldoBreda 2550 Base - AC	26,240	42,632	62,875	39,188	67,279	31,159	22,741	55,074	46,395	36,556	88,934	71,550	92,980
- - - AnsaldoBreda 2550 Base - TARGET							44,517	44,517	44,517	44,517	44,517	44,517	44,517

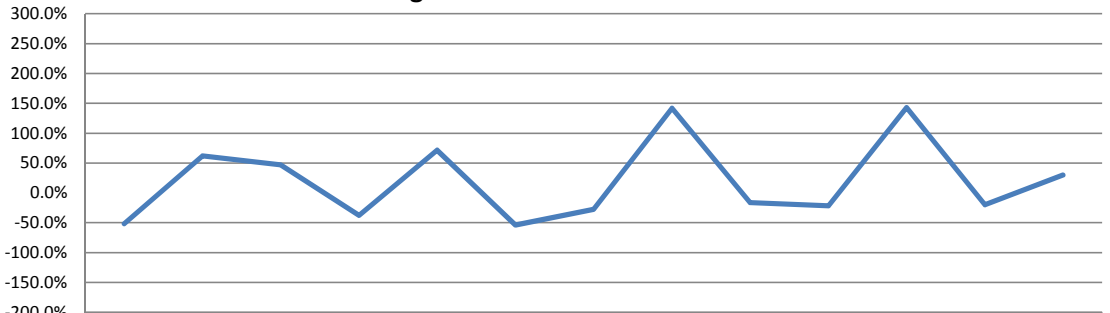
There was no FY16 target established by car type.
 MMBMF : Total Vehicle Miles/ NTD defined Revenue Vehicle Major System Failures.



Metro

Percentage Change in Rail MMBMF by Vehicle Type Light Rail - Breda

% Change in MMBMF



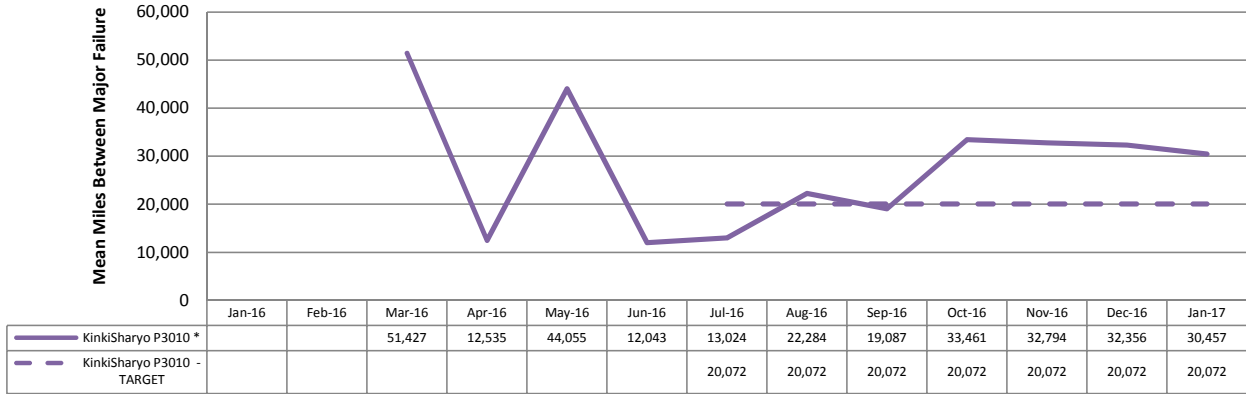
	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
— AnsaldoBreda 2550 Base - AC	-51.5%	62.5%	47.5%	-37.7%	71.7%	-53.7%	-27.0%	142.2%	-15.8%	-21.2%	143.3%	-19.5%	30.0%

MMBMF : Total Vehicle Miles/ NTD defined Revenue Vehicle Major System Failures. %Change is from previous month.



Metro

Rail Mean Vehicle Miles Between Major Failure by Vehicle Type Light Rail - KinkiSharyo

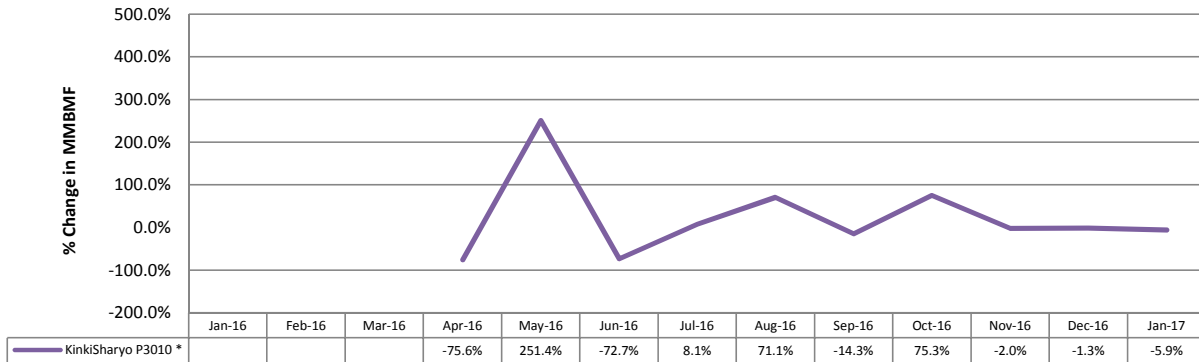


There was no FY16 target established by car type.
MMBMF : Total Vehicle Miles/ NTD defined Revenue Vehicle Major System Failures.



Metro

Percentage Change in Rail MMBMF by Vehicle Type Light Rail - KinkiSharyo



MMBMF : Total Vehicle Miles/ NTD defined Revenue Vehicle Major System Failures. %Change is from previous month.

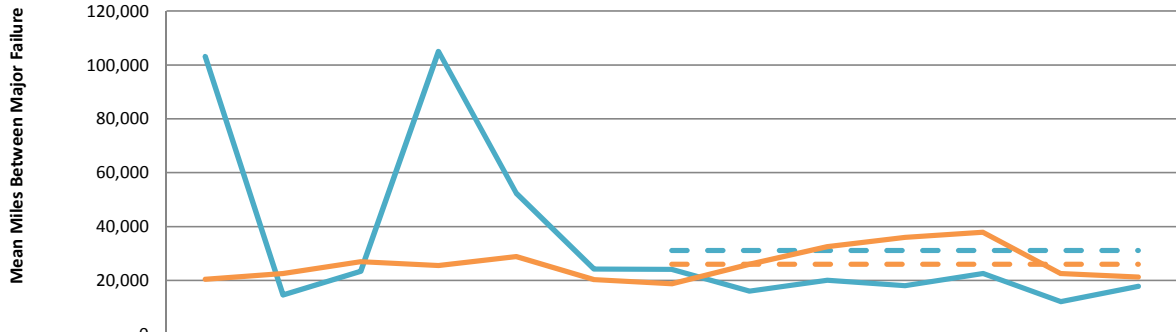
* KinkiSharyo rolling stock began service March 2016



Metro

Rail Mean Vehicle Miles Between Major Failure by Vehicle Type

Light Rail - NipponSharyo



	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
Nippon Sharyo 2020 - DC	103,129	14,620	23,452	105,138	52,426	24,256	24,134	16,076	20,161	18,085	22,626	12,147	17,872
Nippon Sharyo 2020 - TARGET							31,214	31,214	31,214	31,214	31,214	31,214	31,214
Nippon Sharyo 865 - DC	20,475	22,667	26,985	25,593	28,981	20,341	18,786	26,073	32,617	36,102	37,961	22,672	21,350
Nippon Sharyo 865 - TARGET							26,062	26,062	26,062	26,062	26,062	26,062	26,062

There was no FY16 target established by car type.

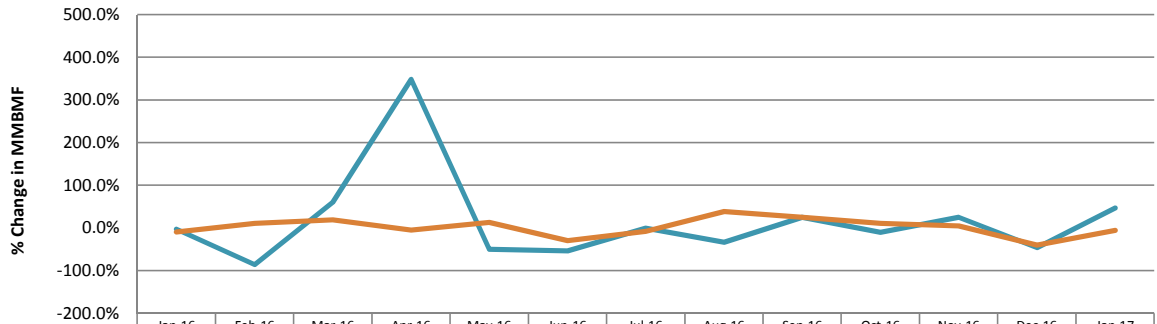
MMBMF : Total Vehicle Miles/ NTD defined Revenue Vehicle Major System Failures.



Metro

Percentage Change in Rail MMBMF by Vehicle Type

Light Rail - NipponSharyo



	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
Nippon Sharyo 2020 - DC	-2.5%	-85.8%	60.4%	348.3%	-50.1%	-53.7%	-0.5%	-33.4%	25.4%	-10.3%	25.1%	-46.3%	47.1%
Nippon Sharyo 865 - DC	-9.1%	10.7%	19.0%	-5.2%	13.2%	-29.8%	-7.6%	38.8%	25.1%	10.7%	5.2%	-40.3%	-5.8%

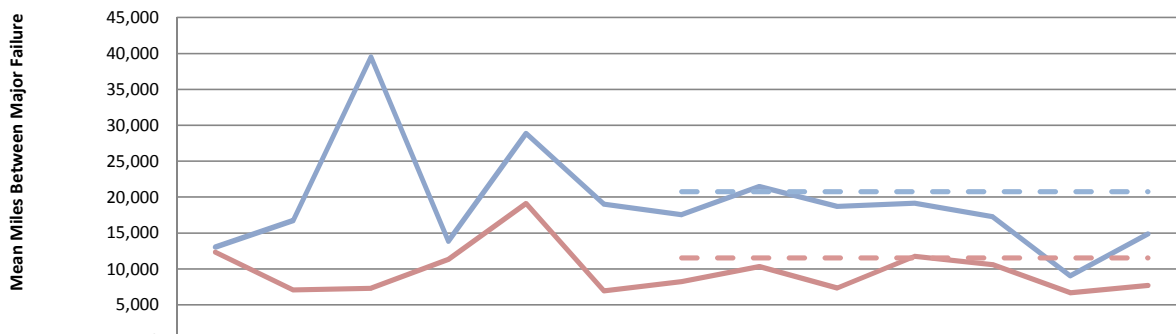
MMBMF : Total Vehicle Miles/ NTD defined Revenue Vehicle Major System Failures. %Change is from previous month.



Metro

Rail Mean Vehicle Miles Between Major Failure by Vehicle Type

Light Rail - Siemens



	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
Siemens 2000 Base - AC	13,075	16,751	39,513	13,853	28,871	19,031	17,567	21,505	18,725	19,184	17,318	9,073	14,888
Siemens 2000 Base - TARGET							20,778	20,778	20,778	20,778	20,778	20,778	20,778
Siemens 2000 GE/ATP - AC	12,375	7,094	7,303	11,344	19,136	6,984	8,241	10,345	7,365	11,790	10,601	6,716	7,700
Siemens 2000 GE/ATP - TARGET							11,559	11,559	11,559	11,559	11,559	11,559	11,559

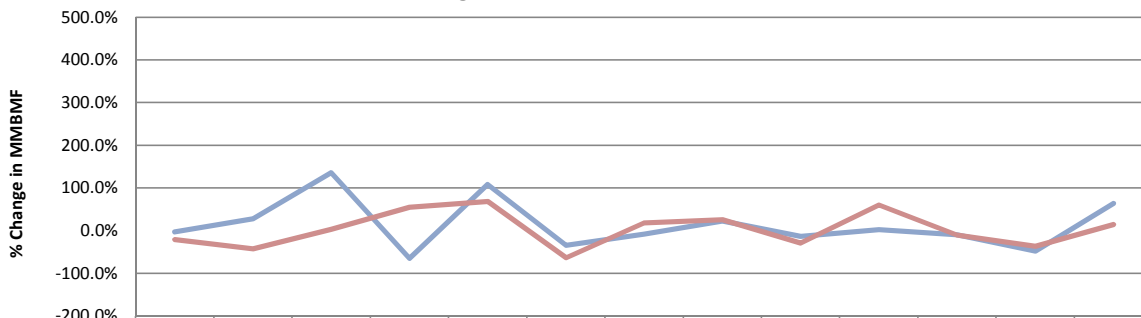
There was no FY16 target established by car type.
 MMBMF : Total Vehicle Miles/ NTD defined Revenue Vehicle Major System Failures.



Metro

Percentage Change in Rail MMBMF by Vehicle Type

Light Rail - Siemens



	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
Siemens 2000 Base - AC	-3.0%	28.1%	135.9%	-64.9%	108.4%	-34.1%	-7.7%	22.4%	-12.9%	2.5%	-9.7%	-47.6%	64.1%
Siemens 2000 GE/ATP - AC	-21.0%	-42.7%	3.0%	55.3%	68.7%	-63.5%	18.0%	25.5%	-28.8%	60.1%	-10.1%	-36.6%	14.7%

MMBMF : Total Vehicle Miles/ NTD defined Revenue Vehicle Major System Failures. %Change is from previous month.

Mean Miles Between Major Failures

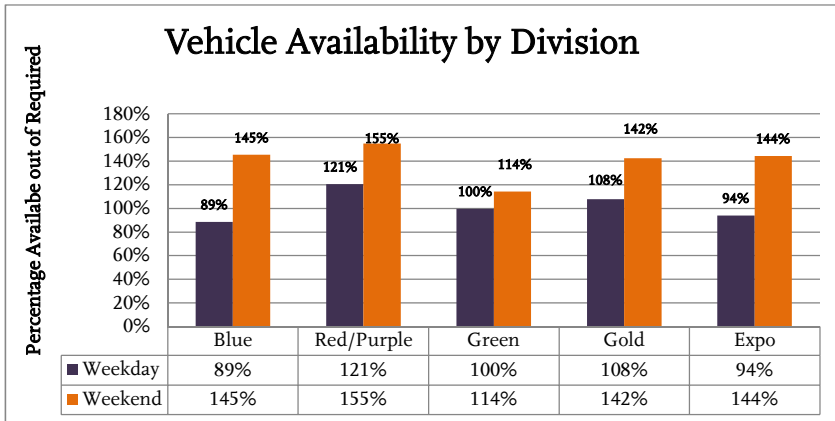
	FY 2016	FY 2017 Goal	FY 2017 YTD
AnsaldoBreda2550Base - AC	42,292	44,517	47,934
Breda 650 Base - DC	50,526	53,185	61,855
Breda 650 Option - AC	120,372	126,708	142,204
Kinkisharyo P3010	19,068	20,072	25,919
Nippon Sharyo 2020 - DC	29,653	31,214	17,825
Nippon Sharyo 865 - DC	24,759	26,062	26,330
Siemens 2000 Base - AC	19,739	20,778	15,719
Siemens 2000 GE/ATP - AC	10,981	11,559	8,714

Rail Fleet Distribution – JANUARY 2017

Number of Rail Vehicle Type by Division	Blue	Red / Purple	Green	Gold	Expo
AnsaldoBreda 2550 Base - AC				50	
Breda 650 Base - DC		30			
Breda 650 Option - AC		74			
KinkiSharyo P3010				13	37
Nippon Sharyo 2020 - DC	11				4
Nippon Sharyo 865 - DC	40				14
Siemens 2000 Base - AC			29		
Siemens 2000 GE/ATP - AC	19				4
TOTALS	70	104	29	63	59

Vehicle Availability Systemwide

Blue			
Day Type	Vehicles Required	Average Available	Average % Available
Weekday	57	51	89%
Weekend	26	38	145%
Red/ Purple			
Day Type	Vehicles Required	Average Available	Average % Available
Weekday	64	77	121%
Weekend	40	62	155%
Green			
Day Type	Vehicles Required	Average Available	Average % Available
Weekday	22	22	100%
Weekend	14	16	114%
Gold			
Day Type	Vehicles Required	Average Available	Average % Available
Weekday	48	51	108%
Weekend	28	40	142%
Expo			
Day Type	Vehicles Required	Average Available	Average % Available
Weekday	47	44	94%
Weekend	30	43	144%

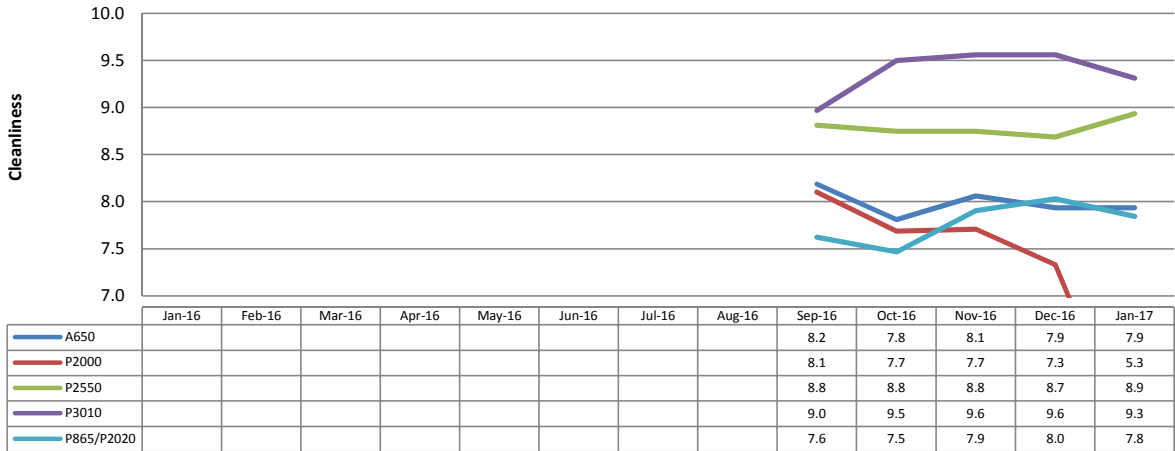


Cleanliness by Vehicle Type



Metro

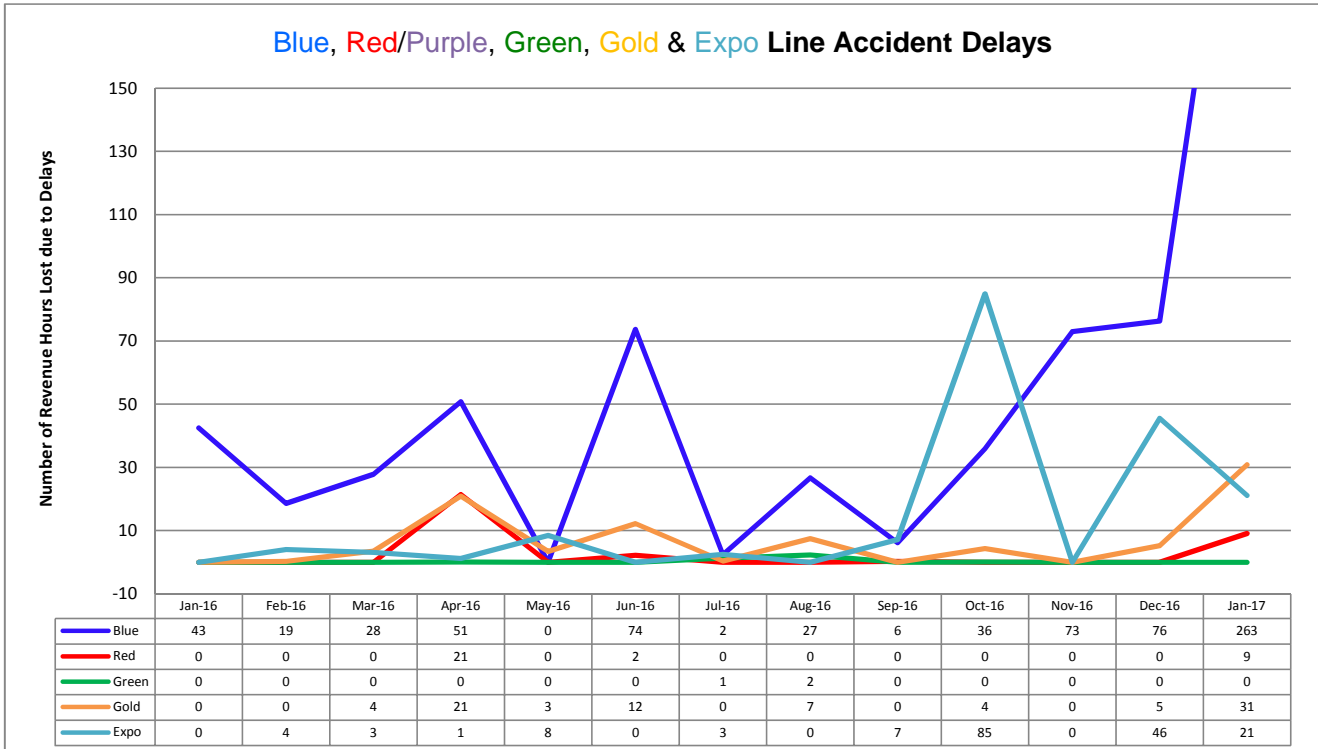
Rail Cleanliness by General Vehicle Type



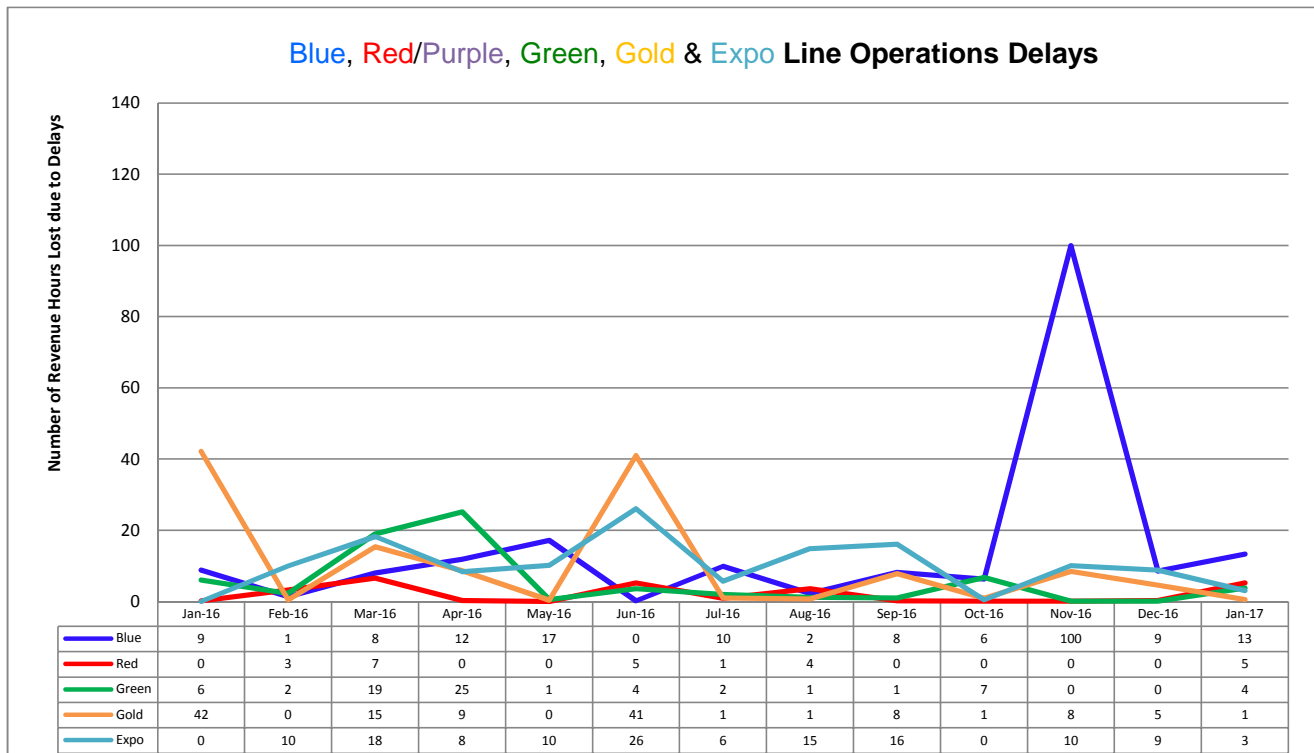
Note: Data Collection Began September 2016

RAIL DELAYS BY CATEGORY - SYSTEMWIDE

Revenue Hours Lost Related to - ACCIDENTS

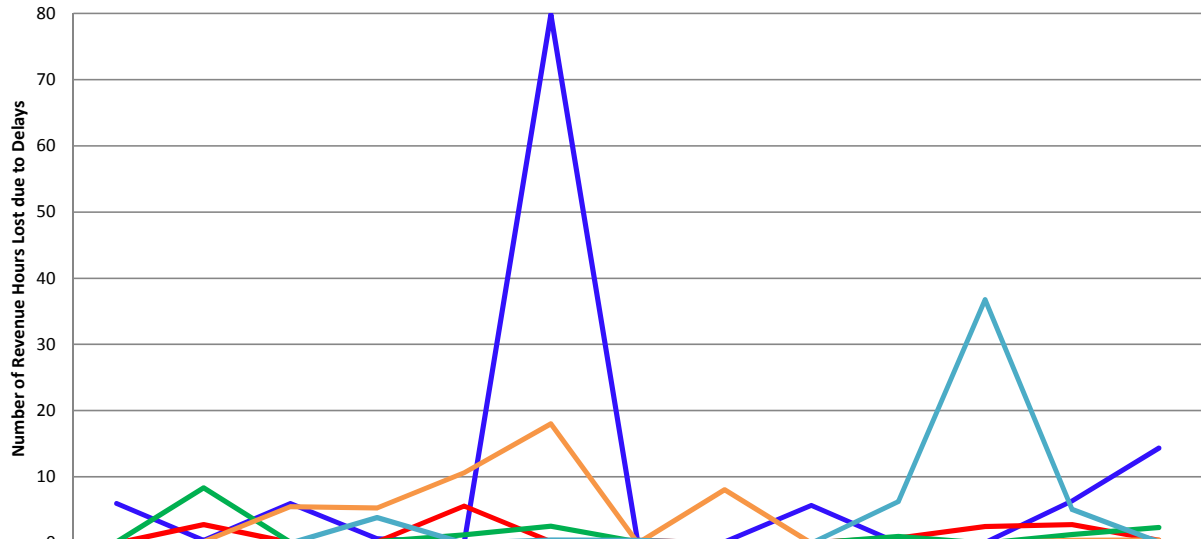


Revenue Hours Lost Related to - OPERATIONS



Revenue Hours Lost Related to - OTHER

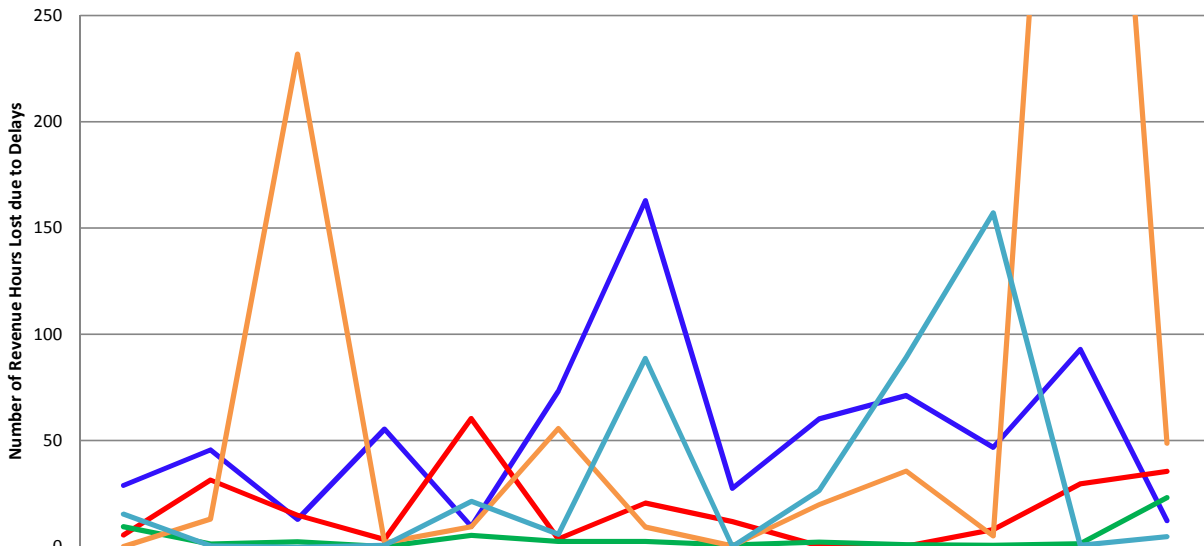
Blue, Red/Purple, Green, Gold & Expo Line Other Delays



	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
Blue	6	0	6	1	0	80	0	0	6	0	0	6	14
Red	0	3	0	0	6	0	0	0	0	1	2	3	0
Green	0	8	0	0	1	3	0	0	0	1	0	1	2
Gold	0	0	5	5	11	18	0	8	0	0	0	0	0
Expo	0	0	0	4	0	0	0	0	0	6	37	5	0

Revenue Hours Lost Related to - POLICE & HEALTH

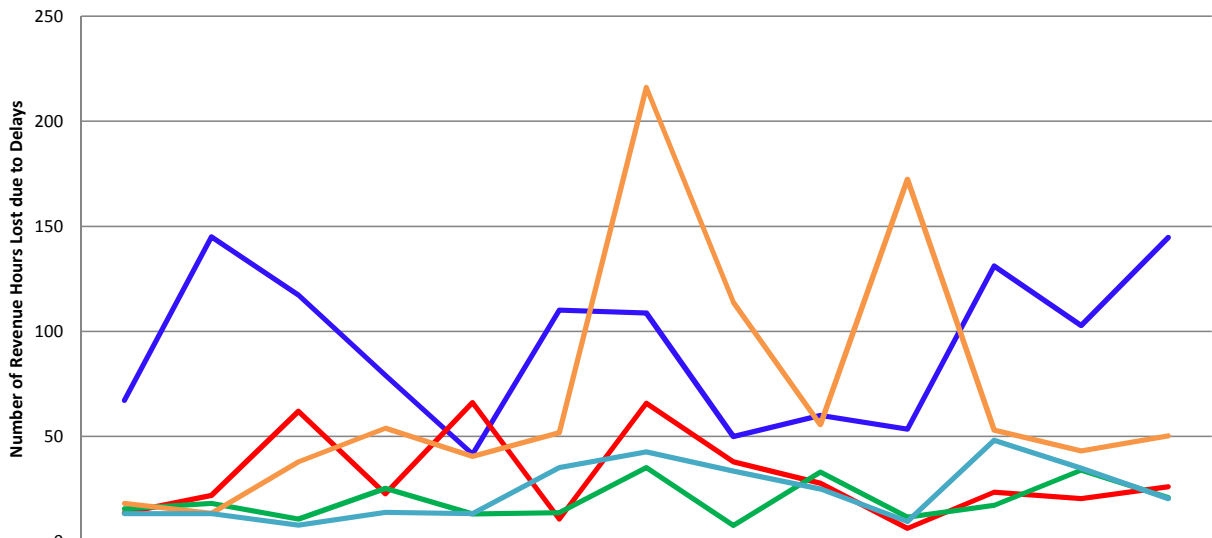
Blue, Red/Purple, Green, Gold & Expo Line Police & Health Delays



	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
Blue	29	46	13	55	10	73	163	28	60	71	47	93	12
Red	6	32	15	4	61	4	21	12	1	0	8	30	36
Green	10	1	2	0	5	3	3	1	2	1	1	2	23
Gold	0	13	232	2	10	56	9	1	20	36	5	597	49
Expo	16	1	0	1	22	6	89	0	27	89	157	1	5

Revenue Hours Lost Related to - Vehicle Delays

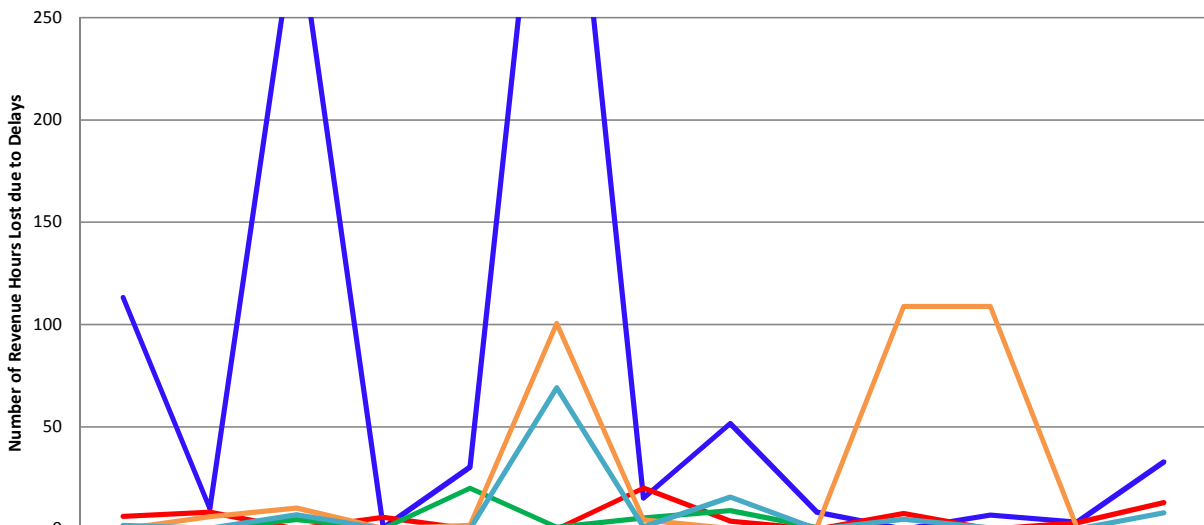
Blue, Red/Purple, Green, Gold & Expo Line Vehicle Delays



	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
Blue	67	145	117	79	42	110	109	50	60	54	131	103	145
Red	14	22	62	23	66	11	66	38	28	6	24	20	26
Green	16	18	11	25	13	14	35	8	33	12	17	34	21
Gold	18	13	38	54	41	52	216	114	56	172	53	43	50
Expo	13	13	8	14	13	35	43	34	25	10	48	35	21

Revenue Hours Lost Related to - WAYSIDE

Blue, Red/Purple, Green, Gold & Expo Line Wayside Delays

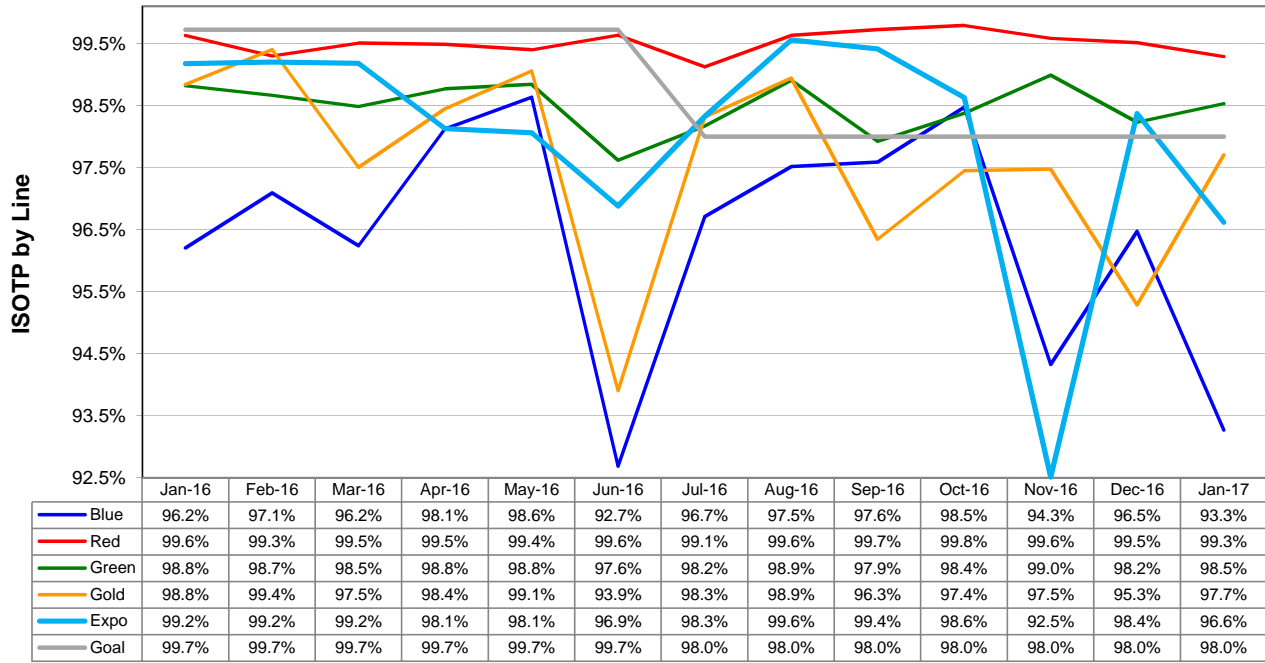


	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
Blue	113	10	300	1	30	424	15	52	8	0	7	4	33
Red	6	8	0	6	0	0	20	4	0	8	0	3	13
Green	0	0	5	0	20	1	6	9	1	1	1	1	0
Gold	0	6	10	0	2	101	5	0	1	109	109	1	0
Expo	2	0	7	0	0	69	1	16	0	5	1	0	8

Rail Service Performance

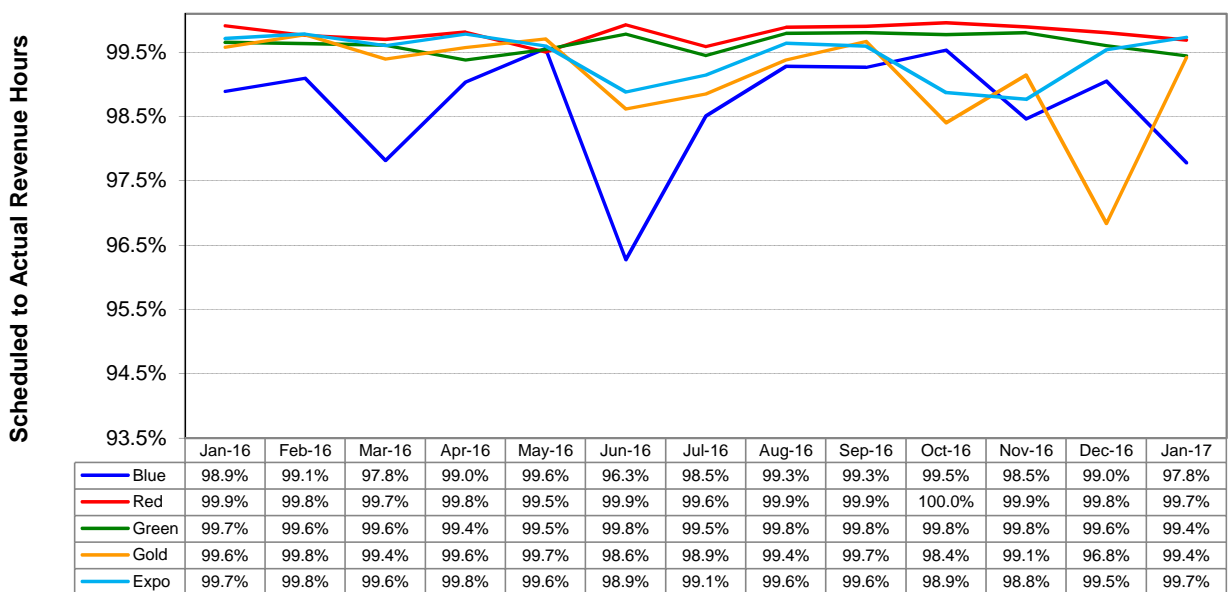
In Service On Time Performance by Line

Blue, Red/Purple, Green, Gold & Expo Line ISOTP

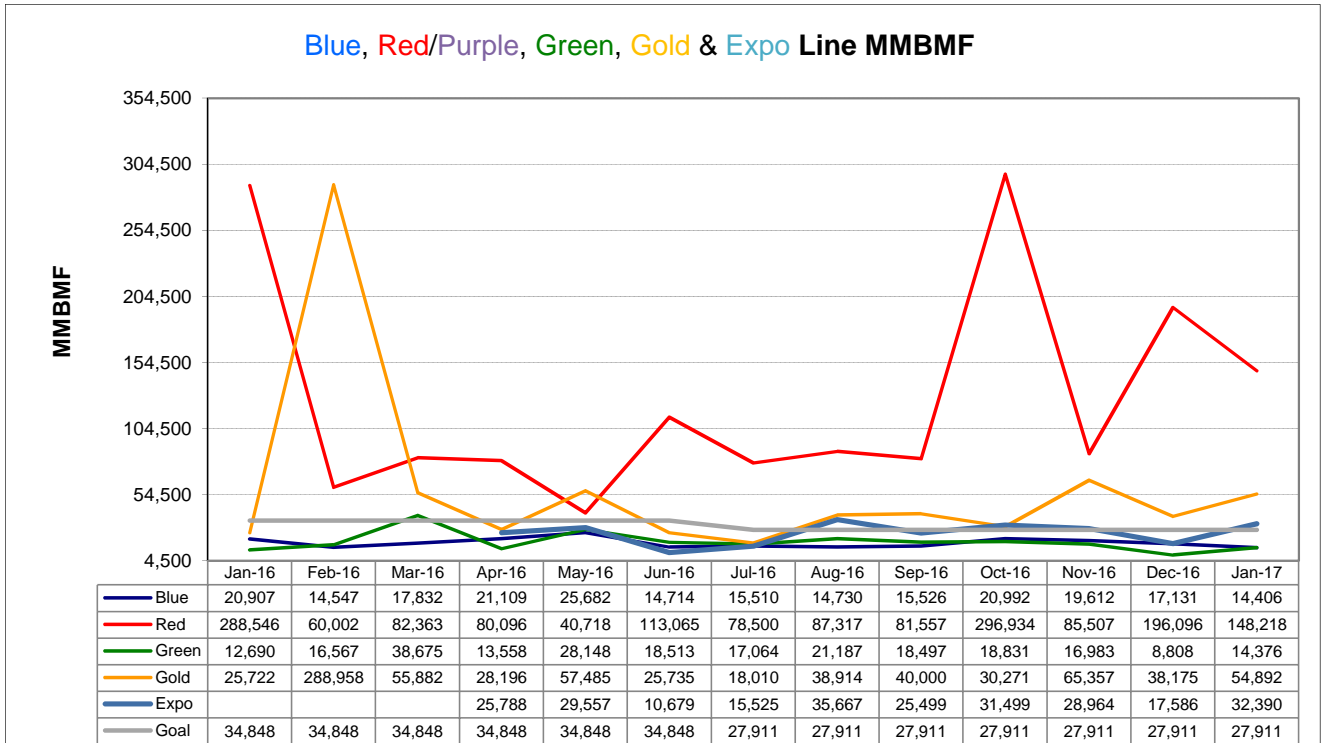


Ratio of Scheduled to Revenue Hours Delivered by Line

Blue, Red/Purple, Green, Gold & Expo Line SRHD

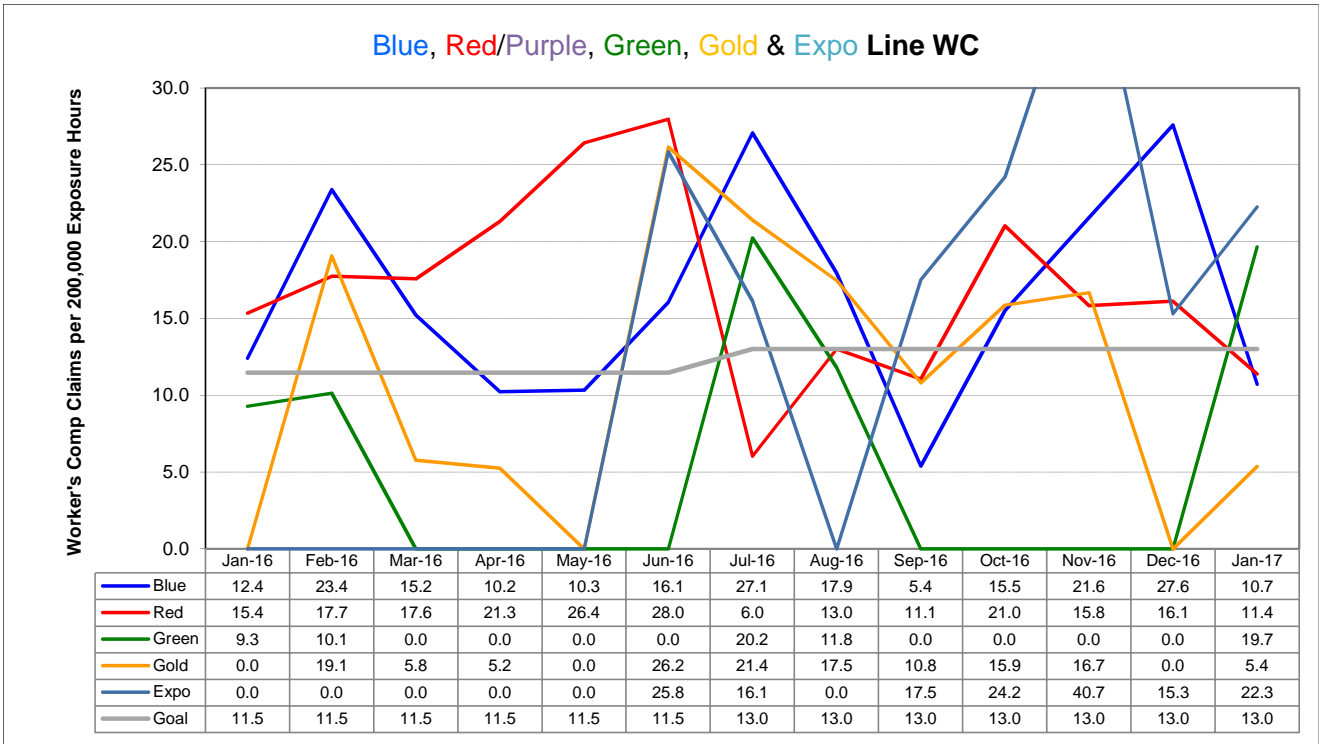


Mean Miles Between Mechanical Failures by Line

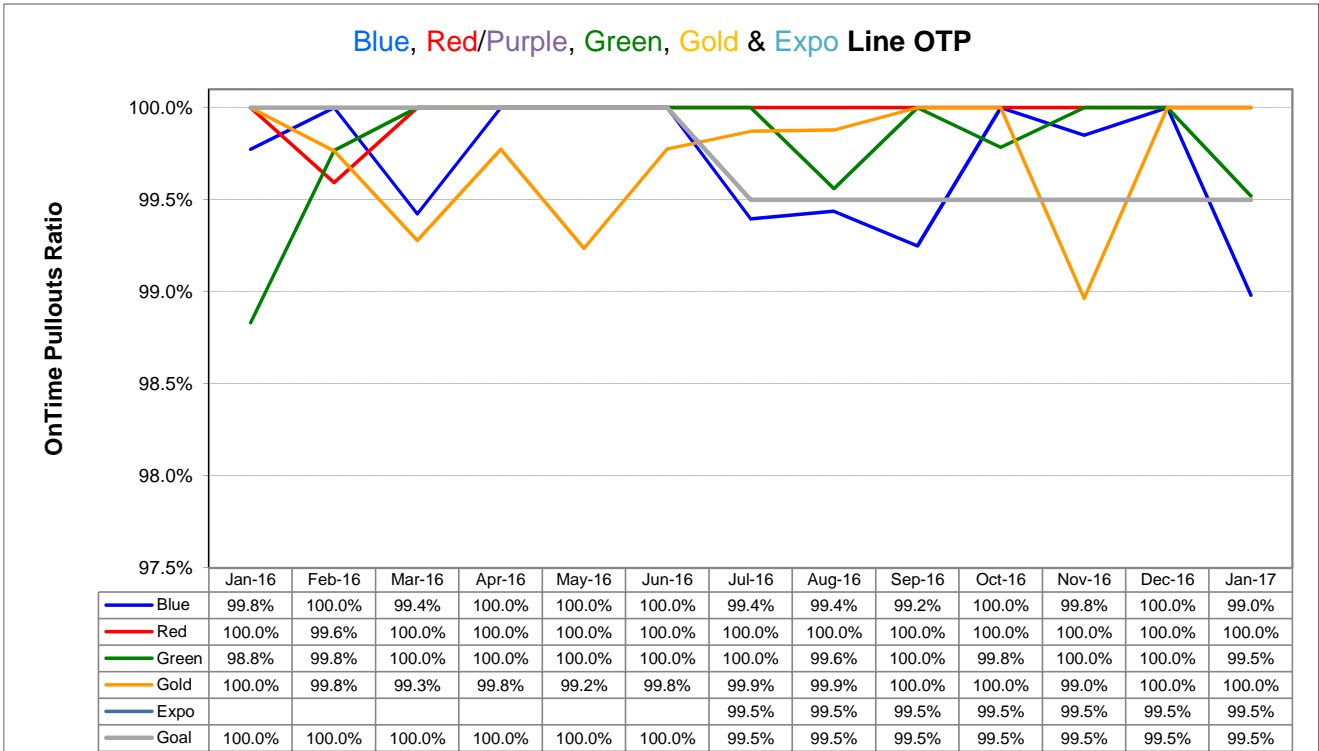


Expo Line Service began in March 2016.

Workers Comp Claims by Line



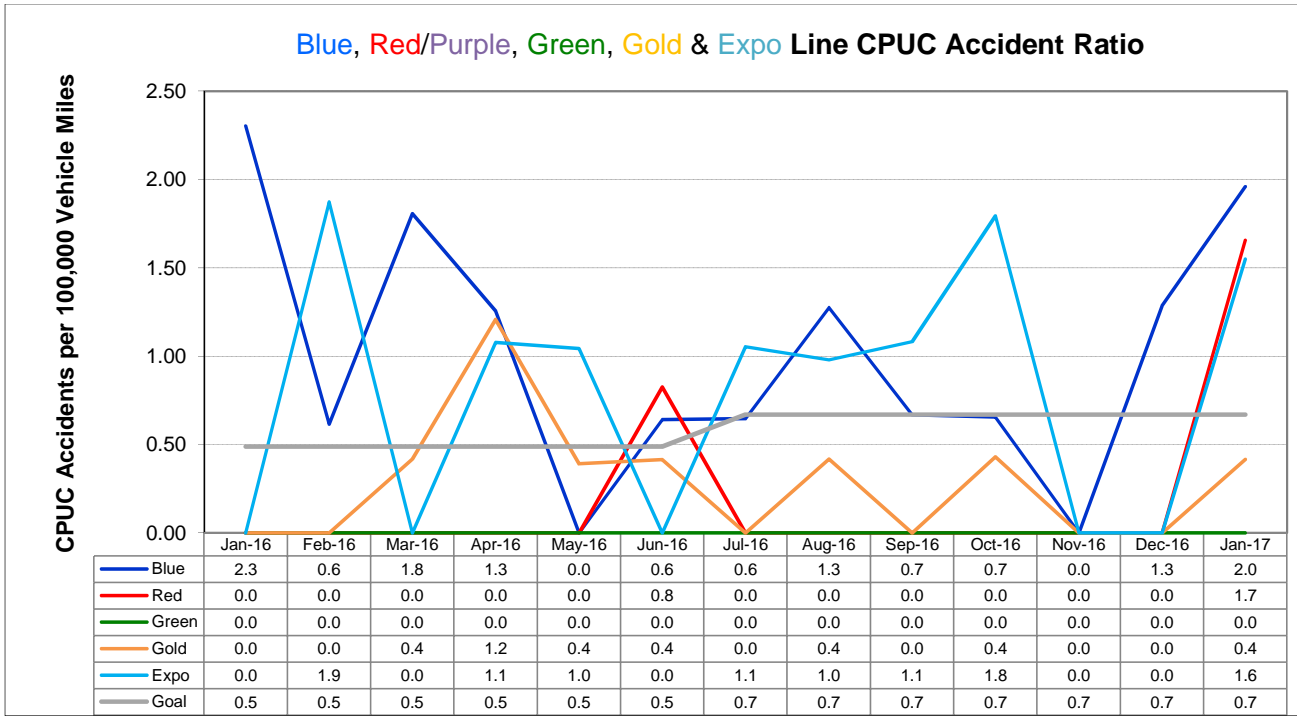
On-Time Pullouts Ratio by Line



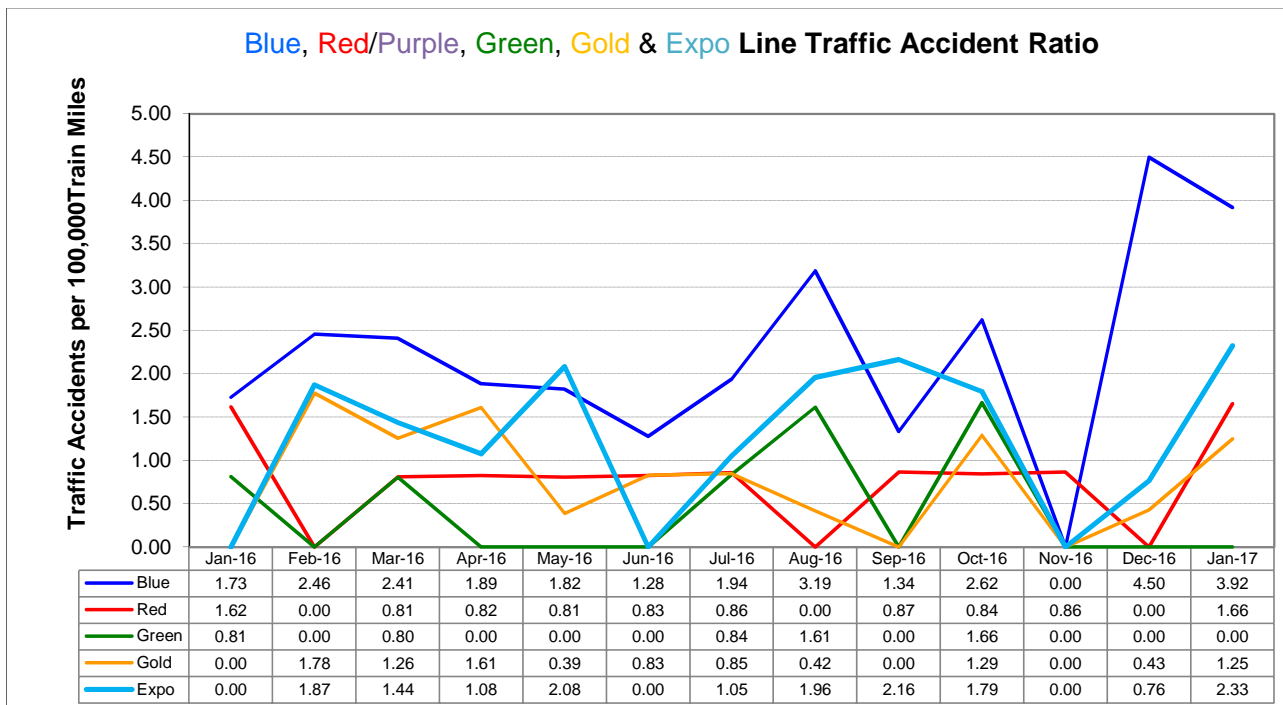
Expo Line Service began in March 2016.

Rail Safety Performance

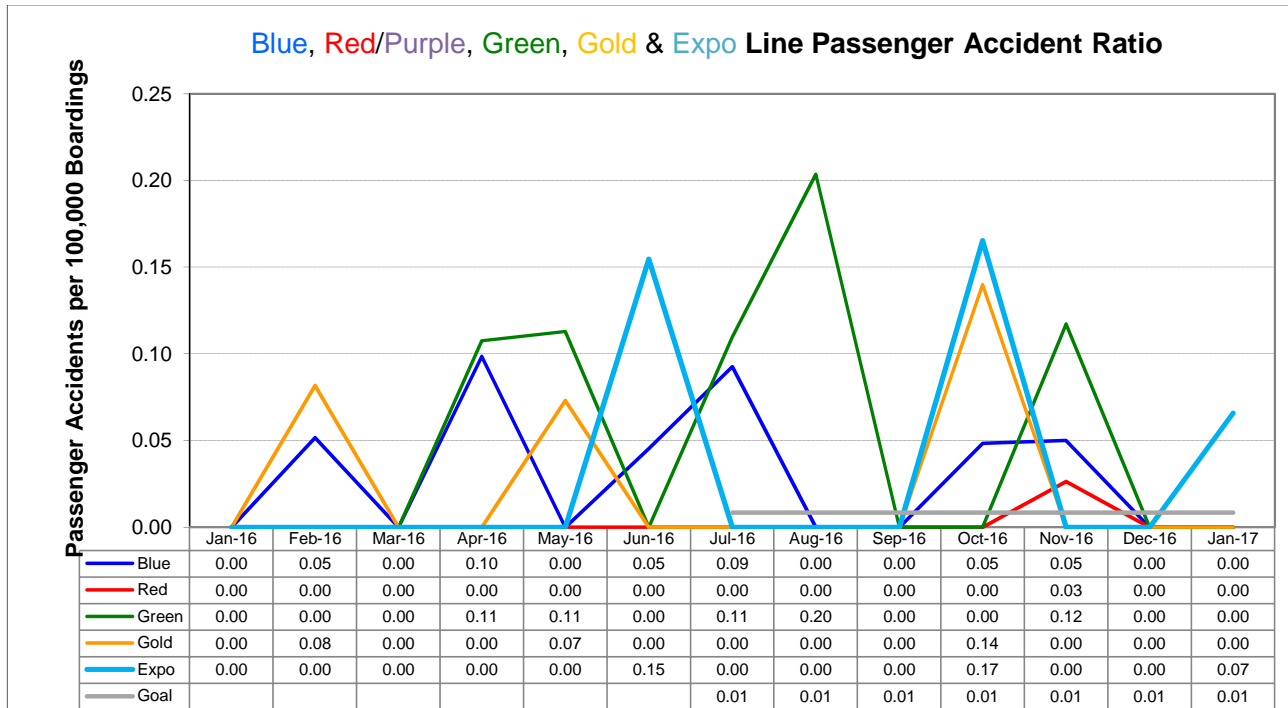
CPUC REPORTABLE ACCIDENTS PER 100,000 TRAIN MILES



TRAFFIC ACCIDENTS PER 100,000 TRAIN MILES



PASSENGER ACCIDENTS PER 100,000 BOARDINGS

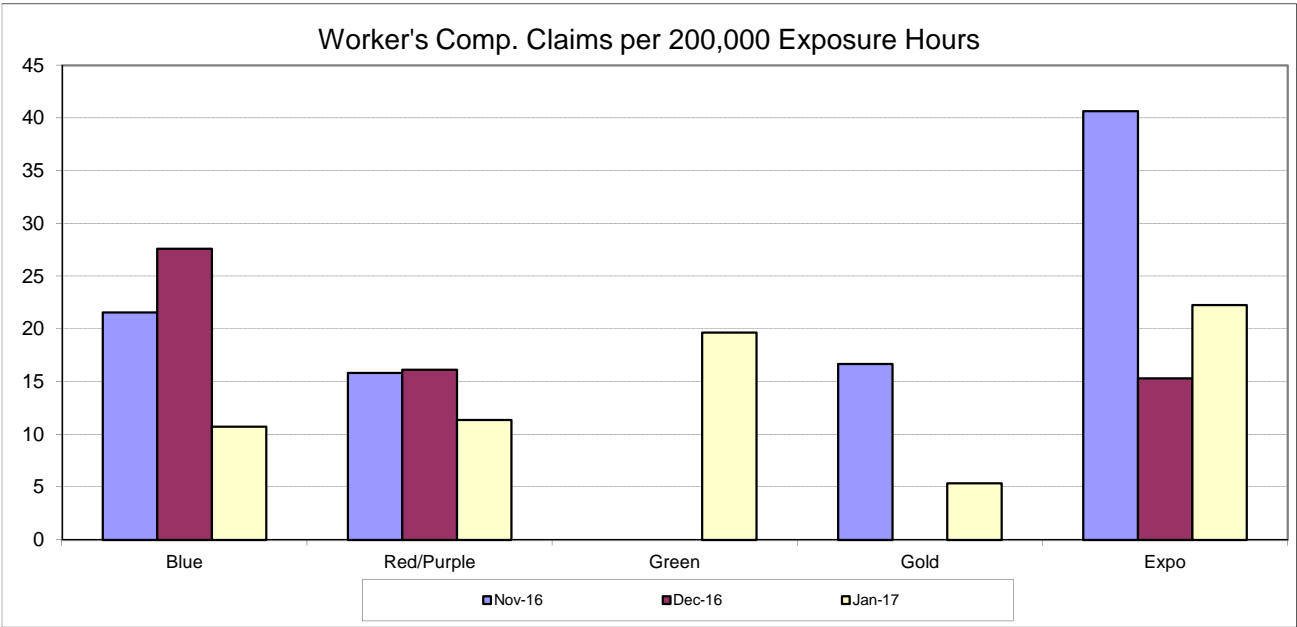


Expo Line Service began in March 2016.

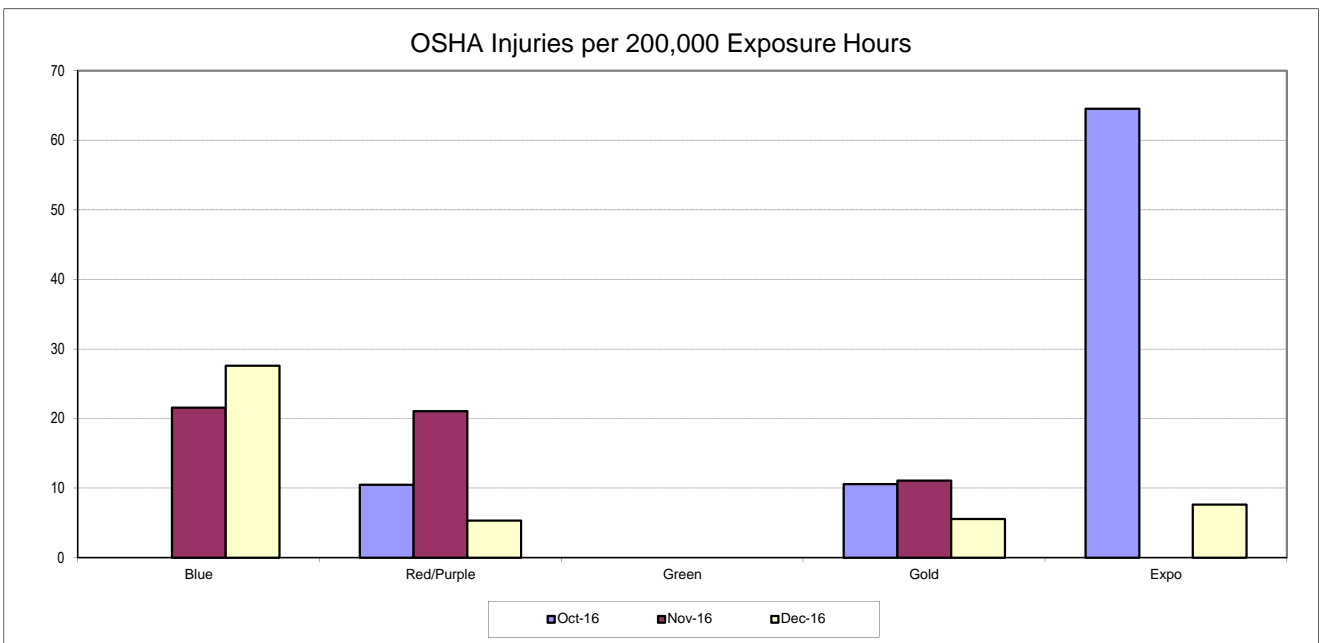
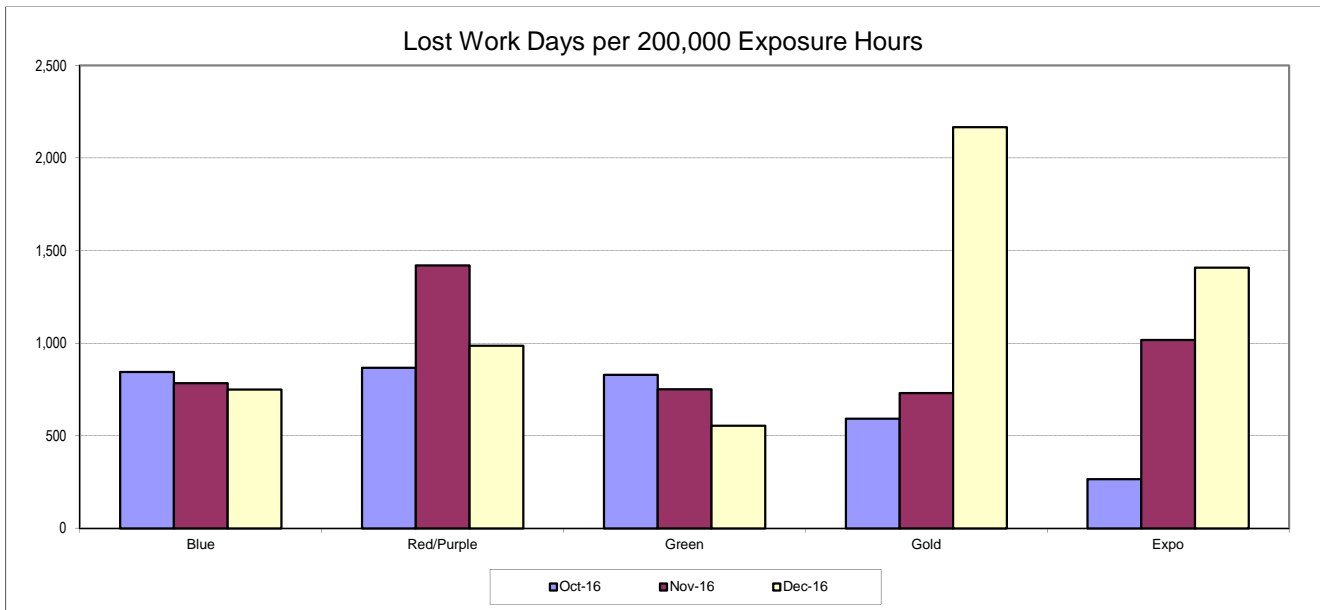
Worker's Comp. Claims

Nov 2016 - Jan 2017

3 Month Comparison

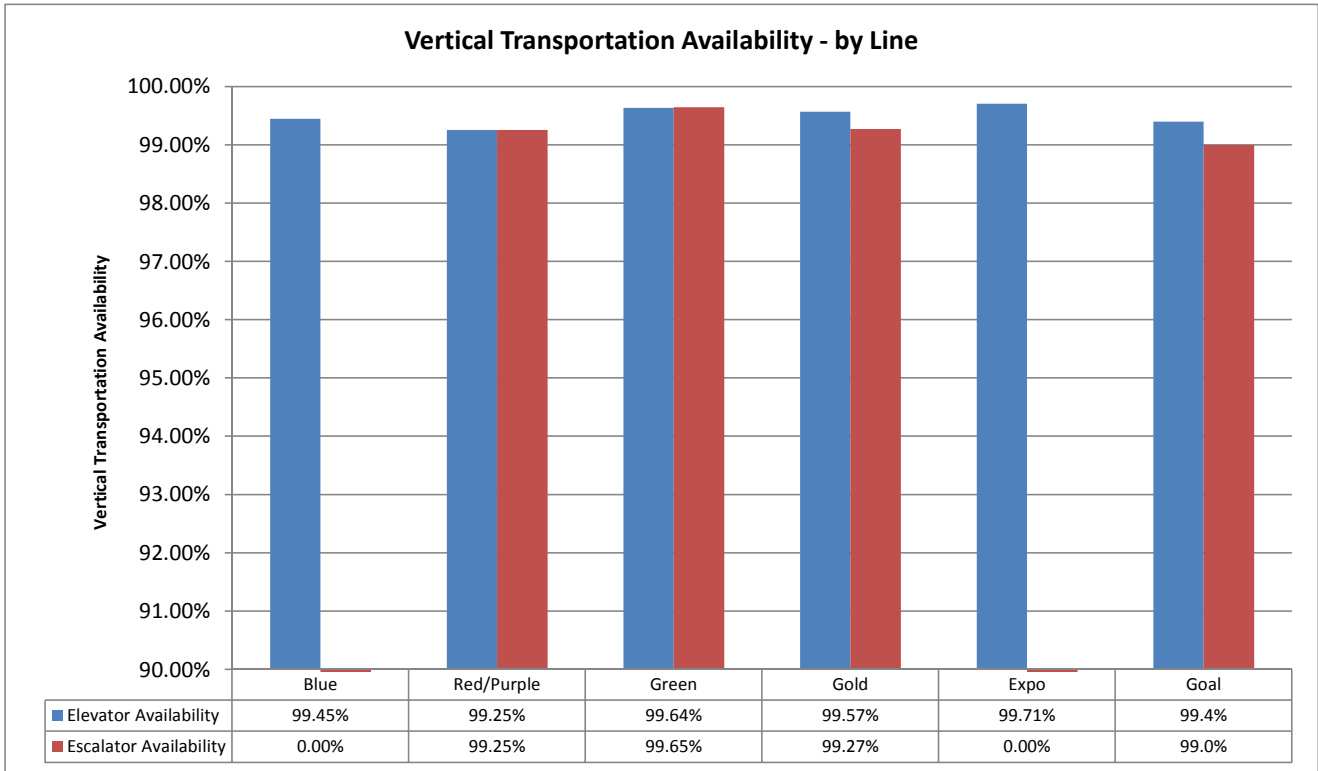


Lost Work Days and OSHA Injuries Oct 2016 - Dec 2016 3 Month Comparison



Note: There is a one month lag in Lost Work Days and OSHA data.

Systemwide Vertical Transportation Availability by Line



Note: No Escalators at Blue and Expo Lines

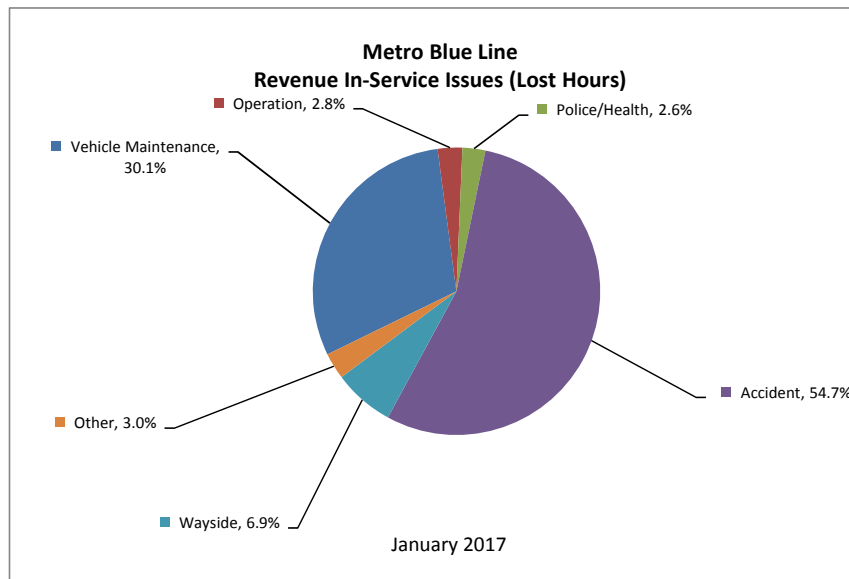
BLUE LINE

Out of a total of 19,797 hours operated, there were approximately 481 total hours of service delays.

January 2017 Service Hours *	Revenue	
	Hours	Per Cent
Revenue Hours without Delays	19,316	97.6%
Cancelled + Delayed Hours	481	2.4%
Total Revenue Hours	19,797	100.0%

Summary of the major contributors:	Count	Hours	Per Cent
Operations	11	13.3	2.8%
Accidents	5	262.9	54.7%
Vehicle Maintenance	48	144.8	30.1%
Wayside	7	32.9	6.9%
Police & Health	10	12.4	2.6%
Other	7	14.3	3.0%
Total	88	480.7	100.0%

* Data from M3 used to report Service Delays is under review for accuracy



January 2017 Blue Line major delay contributors were as follows:

Operations Incidents:

1/3/2017 11:39:00 AM - Incident# 2818743 (0 lost trips, 15 lost minutes)
Unscheduled Single track between Willow Pocket and Artesia Interlocking.

1/4/2017 7:40:00 AM - Incident# 2831881 (0 lost trips, 10 lost minutes)
Train Delay

1/5/2017 4:25:00 AM - Incident# 2831841 (0 lost trips, 11 lost minutes)
Out Late

1/5/2017 2:49:00 PM - Incident# 2819661 (0 lost trips, 15 lost minutes)
Train 121 pull-out 15 minutes late and train 122 pull out 10 minute late From the Blue Line Yard.

1/10/2017 2:41:00 PM - Incident# 2821309 (1 lost trip, 168 lost minutes)
Train 120 cancelled Del Amo to 7th and Metro.

1/12/2017 4:59:00 AM - Incident# 2821999 (0 lost trips, 10 lost minutes)
Operator failed to turn back at Willowbrook, NB to SB per M-91.
Train 108
T-292
167-128-158
NB, Willowbrook Station, Track 1

1/19/2017 5:09:00 PM - Incident# 2824938 (0 lost trips, 14 lost minutes)
Operators Late due to bad radio transmission at 18th/Flower just underneath the I-10 FWY.

1/20/2017 11:58:00 AM - Incident# 2825300 (2 lost trips, 332 lost minutes)
Train Delay out of 7th/Metro Station

1/20/2017 3:13:00 PM - Incident# 2825376 (0 lost trips, 11 lost minutes)
Train 103 was late northbound and Operator departed 10 minutes late from 7th & Metro station.

1/28/2017 12:00:00 PM - Incident# 2828300 (1 lost trip, 192 lost minutes)
Human fecal waste throughout car 150.
Train 105
T-256
(150)-167-122
SB, Washington Station, Track 2

1/31/2017 5:22:00 PM - Incident# 2829418 (0 lost trips, 20 lost minutes)
Extremely slow operation
Train #121
T-069

Accidents:

1/2/2017 4:43:00 AM - Incident# 2818321 (75 lost trips, 12,572 lost minutes)
Operator reports of an OCS pole that has been damaged
Train 108
T-262
145-163-109
Main Yard, Signal 3N, northbound

1/6/2017 6:50:00 AM - Incident# 2819859 (3 lost trips, 518 lost minutes)
Train vs bicyclist @ El Segundo grade crossing.
Train 117
T-194
(150A)-118-123
NB, El Segundo grade crossing, Track #

1/11/2017 9:48:00 PM - Incident# 2821942 (1 lost trip, 175 lost minutes)

Auto vs Train
Train 109
Cars (140)B-147
T-413
Flower Washington tk 1

1/15/2017 12:31:00 PM - Incident# 2823115 (4 lost trips, 477 lost minutes)

10-73 w/ hit & run reported at 18th & Flower
Train 601
Consist: (1047a)-1043-1050
T-226
18th & Flower, southbound, track 2

1/26/2017 3:12:00 PM - Incident# 2827635 (12 lost trips, 2,031 lost minutes)

Auto vs Train (side swipe, hit & run)
Train 110 Track #1 NB Washington/Broadway Street
T-415
158B-136-(100A)

Vehicle Maintenance Incidents:

1/1/2017 7:50:00 AM - Incident# 2818205 (1 lost trip, 186 lost minutes)

No movement, no indications
Train 101
Consist (230), 247,232
T-249
South of Spring St, southbound, trk 2

1/1/2017 9:05:00 AM - Incident# 2818207 (1 lost trip, 174 lost minutes)

Recurring propulsion faults, unclearable.
Train 109
Consist 108, (157)
T-262
Artesia Station, southbound, track 2

1/4/2017 8:36:00 AM - Incident# 2819081 (0 lost trips, 6 lost minutes)

Broken pantograph on 157A.
Train 211
T-211
(157A)-155-106
SB, 5th Street Station, Track 2

1/4/2017 4:20:00 PM - Incident# 2819254 (0 lost trips, 10 lost minutes)

Train 109 reports no movement at Pacific Station. Operator cut-out doors 3 and 4 on LRV 242A
Train 109
T-201
LRV'S (242A) 244-234
Pacific Station, track 1, northbound.

1/5/2017 7:58:00 AM - Incident# 2819481 (2 lost trips, 355 lost minutes)

Propulsion / Dynamic Brakes speed restriction and E1 Code
(125B)-129
T-069
Train 117
Firestone, Track 2, Southbound

1/5/2017 3:47:00 PM - Incident# 2819680 (0 lost trips, 10 lost minutes)

Train 107 reporting a door problem on LRV 302B
Train 107
t-201
LRV'S 237- (302B) 301
Anaheim Station, Track1, Northbound.

1/6/2017 4:18:00 PM - Incident# 2820095 (0 lost trips, 20 lost minutes)

Train 103 reports no movement due to doors not closing on his train.
Train 103
T-183
LRV's (247 B) 230
Del Amo Station, Track 1, Northbound.

1/9/2017 5:37:00 AM - Incident# 2820577 (0 lost trips, 10 lost minutes)

Doors wont close. Cutout doors 3 and 4.
Train 102
Cars- (230b)-242-301
T-046
Del Amo Station, southbound, track 2

1/9/2017 6:21:00 AM - Incident# 2820594 (1 lost trip, 180 lost minutes)

Propulsion fault, logic fault and doors not closing.
Train 105
Cars: (153a)-106-138
T-082
1st St Station, southbound, track 2

1/9/2017 11:25:00 PM - Incident# 2820984 (0 lost trips, 12 lost minutes)

No Fault no movement.
Train 105
T-59
(248B)-245
MPM 4.1 S/B Trk 2

1/10/2017 8:00:00 AM - Incident# 2821178 (5 lost trips, 853 lost minutes)

Reports no movement. Operator reports troubleshooting unable to reset locker thus Control unable to get movement via ATP bypass.
Train 112. Cars: (244a)-237-302. T-152. Grand Ave, Northbound, track 1. Field Unit reports passengers are self evacuating.

1/10/2017 1:57:00 PM - Incident# 2821271 (1 lost trip, 168 lost minutes)

T-321
Train-103
Cars (135)-122-165
Southbound Track #2
San Pedro
Truck/ Wheels/ Flats reported due nto a near miss.

1/10/2017 3:34:00 PM - Incident# 2821347 (2 lost trips, 335 lost minutes)

T-130
Train-123
Cars- (130)-110-137
Northbound, Track #1
Artesia Station
No Fault - No Movement Friction brake Fault.

1/10/2017 6:15:00 PM - Incident# 2821410 (2 lost trips, 348 lost minutes)

Smoking Friction Brakes (Smoke Entering Car)
Train 121
Track #1 Wardlow Station NB
T-348
(164A)-136-141

1/11/2017 6:35:00 AM - Incident# 2821573 (2 lost trips, 343 lost minutes)

Friction Brakes
(239A)-234
Train 109
T-115
Washington, Southbound, Track 2

1/11/2017 4:26:00 PM - Incident# 2821875 (2 lost trips, 345 lost minutes)

T-376
Train-126
Cars (241)-239
Northbound, Track #1
Florence Station
Propulsion / Dynamic Brakes speed restriction.

1/12/2017 7:11:00 AM - Incident# 2822125 (0 lost trips, 12 lost minutes)

Demister is smoking due to water coming into cab.
Train 110
T-102
(166B)-125
NB, Del Amo Station, Track 2

1/12/2017 7:13:00 AM - Incident# 2822058 (0 lost trips, 12 lost minutes)

BO electric gong/horn. Mechanical ok.
Train 108
T-292
(158B)-128-167
NB, Del Amo Station, Track 1

1/12/2017 7:26:00 AM - Incident# 2822131 (1 lost trip, 198 lost minutes)

Prop Fault w/ speed restriction.
Train 102
T-292
(233-231)-239
SB, San Pedro Station, Track 2

1/13/2017 7:32:00 AM - Incident# 2822514 (2 lost trips, 332 lost minutes)

Self Applying brakes, flats
Train 113
T-200
(237)-302
Wardlow Nothbound track 1

1/13/2017 9:06:00 PM - Incident# 2822816 (1 lost trip, 176 lost minutes)

Operator reports of a no movement / Friction brake
Train 105
T-095
234-244
Maple interlocking, Trk. 2, southbound

1/15/2017 10:48:00 PM - Incident# 2823186 (2 lost trips, 255 lost minutes)

Cab Control breaker open
Train # 111
T-503
(157A)-113-165
NB, Pacific Station, Track #1

1/16/2017 4:57:00 AM - Incident# 2823236 (0 lost trips, 8 lost minutes)

Propulsion fault, no movement.
Train 107
Cars: (244) 230
T-259
Motormans relief platform, northbound, track 1

1/17/2017 5:05:00 AM - Incident# 2823602 (1 lost trip, 180 lost minutes)

Friction Brake Fault
Train 108
T262
302-(232)-246
S/B Track 2 Stockwell
26 minute delay

1/17/2017 5:00:00 PM - Incident# 2823976 (1 lost trip, 168 lost minutes)

Excessive noise during braking
TR#104
T#211
Cars (231A),234,233
Track 2,Florence Station,Southbound

1/17/2017 10:15:00 PM - Incident# 2824030 (0 lost trips, 19 lost minutes)

Doors 3/4 were cut out. Train stayed in service.
Train#109
T#86
Car# 248,(249B)
Track 2,Willowbrook Station,Southbound

1/18/2017 8:41:00 AM - Incident# 2824188 (1 lost trip, 168 lost minutes)

Operator reported propulsion fault with speed restriction.
Train # 114
T- 043
7th and Metro Center Station

1/19/2017 4:52:00 AM - Incident# 2824546 (0 lost trips, 6 lost minutes)

Pro fault/ Pantograph arcing.
Train 101
165-(118)-153
Trk 2 S/B at 18th minute delay.

1/19/2017 5:00:00 AM - Incident# 2824562 (0 lost trips, 6 lost minutes)

Pro fault/ Pantograph arcing.
Train 101
T-182
165-(118)-153
Trk 2 S/B at 18th minute delay.

1/20/2017 9:45:00 AM - Incident# 2825166 (0 lost trips, 10 lost minutes)

Train 102 reports that the Wiper on LRV 149 is not working.
Train 102
T-26
LRV's (149) 112-139
Artesia Station, track 2, southbound.

1/20/2017 4:25:00 PM - Incident# 2825401 (1 lost trip, 166 lost minutes)

No Fault - No Movement on car 1044
T-325, train 626
(1044)-1027
Metro Center, tail track 2, north

1/20/2017 4:35:00 PM - Incident# 2825405 (2 lost trips, 352 lost minutes)

Train 111 reporting problems with ATP
Train 111
T-090
LRV'S 105-156-117
Wardlow Station, Track 1, northbound.

1/20/2017 5:18:00 PM - Incident# 2825414 (1 lost trip, 186 lost minutes)

Train 104 reporting that the master controller on LRV 139A was smoking.
Train 104
T-473
LRV'S (139A) 149-112
Pacific Coast Hwy, Track 2, southbound.

1/22/2017 3:25:00 PM - Incident# 2825882 (1 lost trip, 116 lost minutes)

Car 164 has a over speed audible with no movement.
T-258
Cars (164A)163
Train 102
Artesia Station, Southbound, Track #2

1/23/2017 7:45:00 AM - Incident# 2826138 (3 lost trips, 503 lost minutes)

No movement reported.
Train 111
Consist: 234a, 241
T-259
Compton Station, northbound, track 2

1/23/2017 4:30:00 PM - Incident# 2826357 (2 lost trips, 345 lost minutes)

Trailing Car 161 door problem.
T-130
Train 125
Cars 148-163-(161)
Pico Station, Track 2, southbound.

1/24/2017 12:21:00 AM - Incident# 2826439 (0 lost trips, 13 lost minutes)

Propulsion fault
Train 103
T-149
233-(232)242
Trk 2 N/B Compton
13 min Service delay

1/24/2017 5:39:00 AM - Incident# 2826559 (2 lost trips, 335 lost minutes)

Traction Brakes
Train 108
T-490
(245)-233-232
Compton Track 2 S/B

1/24/2017 6:10:00 AM - Incident# 2826563 (1 lost trip, 168 lost minutes)

Doors, No doors opened on middle and trailing cars.
Train 110
T-352
(105-107)-156
Grand Station Track 2 S/B
20 min delay

1/24/2017 11:40:00 AM - Incident# 2826647 (2 lost trips, 335 lost minutes)

No Fault - No Movement (E7 Codes in Car 120)
(120)-136
T-335
Train 108
Willowbrook, Southbound, Track 2

1/24/2017 4:30:00 PM - Incident# 2826779 (0 lost trips, 30 lost minutes)

Train-126
T-086
Cars (301)-244
Northbound Track #1
Florence Interlocking
Friction Brakes No movement .

1/25/2017 3:27:00 PM - Incident# 2827174 (2 lost trips, 335 lost minutes)

Train-123
T-130
Cars 147-137-(126)
Northbound, Track #1
Imperial Station
HSCB Trip unable to clear.

1/27/2017 12:10:00 PM - Incident# 2827998 (0 lost trips, 8 lost minutes)

Friction Brakes
245-(301)-241
Train 106
T-182
Metro Center, Northbound, Track 1

1/28/2017 4:49:00 AM - Incident# 2828220 (1 lost trip, 174 lost minutes)

119 had a high speed circuit breaker cut out that did not show up in operating cab of car 108. Friction brakes on 119 cut out.
Train #102
T-200
108-140-(119)
NB, Anaheim Station, Track 1

1/29/2017 5:56:00 AM - Incident# 2828434 (3 lost trips, 361 lost minutes)

Operator reports of malfunctioning codes and no movement.
Train108
T-262
Cars (245)-241
Pacific coast Highway Station
Trk 1 Northbound

1/30/2017 6:01:00 AM - Incident# 2828635 (2 lost trips, 341 lost minutes)

Operator reports of problems with the train
Train 114
T-043
Cars (135B)-107-118
Willow Station
TRK 1
Northbound

1/31/2017 7:44:00 AM - Incident# 2829181 (0 lost trips, 10 lost minutes)

Auto Train Protection (Speed Limit) (Loss of cab signals, no stop and proceed)
(1003)-1020
Train 607
T-47
Metro Center, Track 1, Northbound

1/31/2017 5:45:00 PM - Incident# 2829433 (0 lost trips, 5 lost minutes)

ATP Failure
Train 106
Car 242B
Transit Mall
Northbound

Wayside Incidents:

1/4/2017 2:50:00 PM - Incident# 2819207 (0 lost trips, 12 lost minutes)

TP-170 requesting to enter the ROW, south of Anaheim Station to North of the 9th street Diamond on track number 2 to perform section insulator repairs.

1/12/2017 10:13:00 AM - Incident# 2822204 (0 lost trips, 3 lost minutes)

Track 1 and 2 deenergized from San Pedro station to Washington station.
Washington TPSS: BO2 and BO3
San PedroTPSS: BO4 and BO5

1/12/2017 10:51:00 AM - Incident# 2822220 (0 lost trips, 11 lost minutes)

Track 1 and 2 deenergized from Willow station to Wardlowstation.
Willow TPSS: BO2 and BO3
Wardlow TPSS: BO4 and BO5

1/12/2017 7:00:00 PM - Incident# 2822399 (6 lost trips, 1,006 lost minutes)

1900 Hrs. - ARINC SYSTEM indicated Breaker B05 and A01 as an invalid state. However, no loss of power.

1930 Hrs. - Operator reports of loss of power while at the Venice interlocking:

Train 620

T-526

Venice interlocking, Trk. 2, southbound

1/22/2017 3:50:00 PM - Incident# 2825844 (2 lost trips, 244 lost minutes)

B-03 at San Pedro Station tripped.

1/24/2017 5:00:00 AM - Incident# 2826484 (4 lost trips, 696 lost minutes)

Breaker open at Main Yard and Del Amo, arrival track deenergized.

1/29/2017 6:14:00 PM - Incident# 2828558 (0 lost trips, 5 lost minutes)

Section Insulator Emergency Repair

Block switches and bag signals

Venice IL, Tracks #1 & 2

MS-133

Police & Health Incidents:

1/7/2017 5:48:00 PM - Incident# 2820297 (2 lost trips, 233 lost minutes)

Deputy Garcia requests for all trains to bypass Willowbrook Station due to police activity.

1/8/2017 2:14:00 AM - Incident# 2820341 (2 lost trips, 232 lost minutes)

Operator T-149 reports of suspicious package.

Train 608

T-534

Cars (1023) 1038, 1046

Track 2, 7th/Metro, Southbound

1/8/2017 7:19:00 PM - Incident# 2820486 (0 lost trips, 10 lost minutes)

Sick Individual / Seizure

Train #107

T- 90

(128)-157

SB, Washington Station, Track #2

1/9/2017 12:00:00 PM - Incident# 2820885 (0 lost trips, 10 lost minutes)

Train 105 reporting that there was a Vehicle and a tow truck on the ROW at the Junction Interlocking blocking tracks 1 and 2.

1/9/2017 11:22:00 PM - Incident# 2820986 (1 lost trip, 168 lost minutes)

Train 108 departing Transit mall reported disturbed female passenger removed her clothing.

1/16/2017 12:45:00 PM - Incident# 2823413 (0 lost trips, 10 lost minutes)

Trespasser between track 1 & 2 at Metro Center nearest signal 25 refusing to exit the ROW.

1/23/2017 10:05:00 PM - Incident# 2826423 (0 lost trips, 25 lost minutes)

Medical Emergency Track 1, Del Amo Station, trailing Car 165A.

T-174

Train 104

Cars 118-(165A)

1/26/2017 1:27:00 AM - Incident# 2827304 (0 lost trips, 15 lost minutes)

Train 105

Cars (118)A-135

T-59

Vernon station track 1 northbound

1/29/2017 9:52:00 AM - Incident# 2828466 (0 lost trips, 12 lost minutes)

Sick paron onboard train.

Train 104

T-262

(113A)-158

Chief complaint: Bad heart

No information was able to be obtained.

1/31/2017 12:52:00 AM - Incident# 2829071 (0 lost trips, 30 lost minutes)

Passenger Assault
Train 104
127-130
Vernon Trk 1 N/B

Other Incidents:

1/9/2017 4:39:00 AM - Incident# 2820561 (0 lost trips, 8 lost minutes)

Yard advises pullout train 109 having friction brake problems at mainyard.

1/13/2017 3:30:00 PM - Incident# 2822746 (2 lost trips, 332 lost minutes)

Out Late: Train 124 departed the yard mins late, due to operator having mechanical breakdown and did not notify Yard Control. Trip cancelled northbound from Del Amo to Metro Center.

1/16/2017 6:39:00 PM - Incident# 2823639 (0 lost trips, 5 lost minutes)

Passenger Conduct/ Unruly passenger
Train 126
T-307
(235)-302
S/B 7th Metro
5 minute delay

1/18/2017 6:03:00 AM - Incident# 2824105 (1 lost trip, 168 lost minutes)

Auto Train Protection (Speed Limit)
(129)-127
T-069
Train 115
Main Yard, 4N, Southbound

1/25/2017 6:37:00 AM - Incident# 2826930 (1 lost trip, 168 lost minutes)

Reports of propulsion fault
Train # 117
T-81
128-136
MBL Yard

1/26/2017 11:54:00 AM - Incident# 2827567 (0 lost trips, 15 lost minutes)

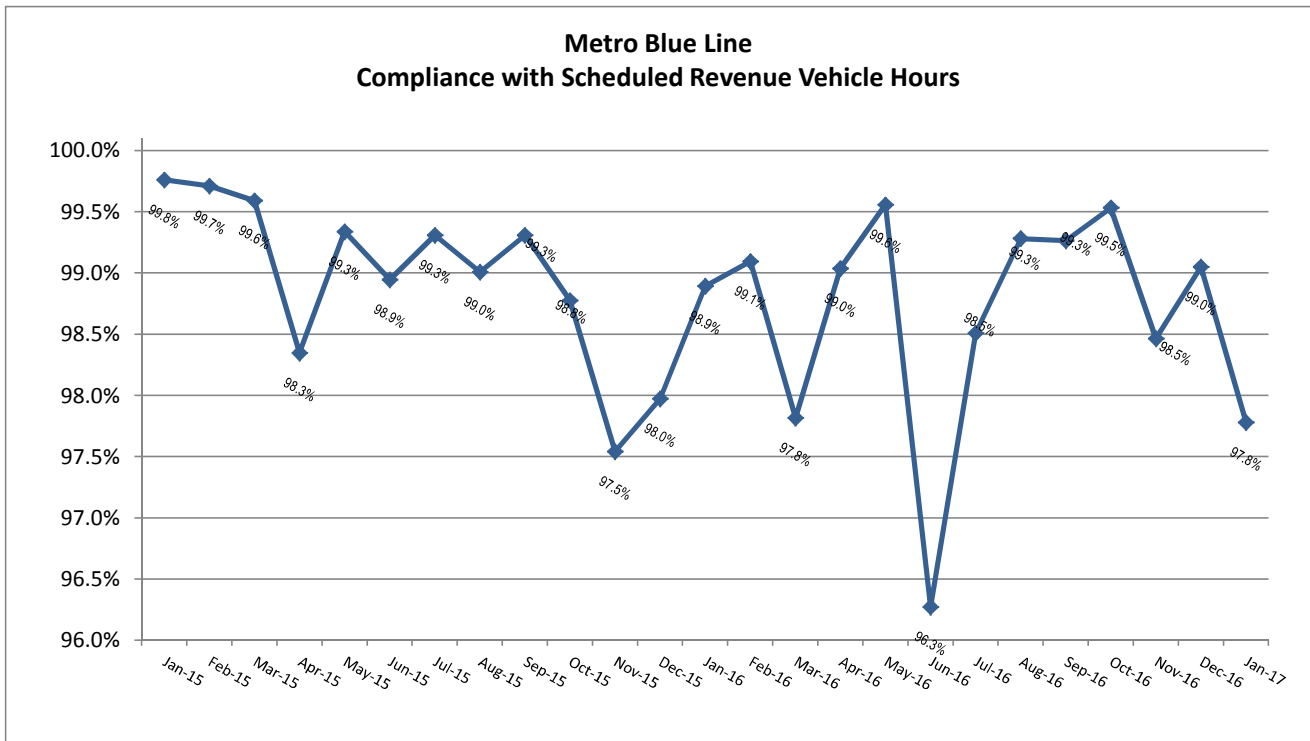
Medical Emergency (Passenger seizure)
Train 107 Track #1 Willowbrook Station NB
T-034
(233A)239-245

1/27/2017 6:51:00 AM - Incident# 2827866 (1 lost trip, 166 lost minutes)

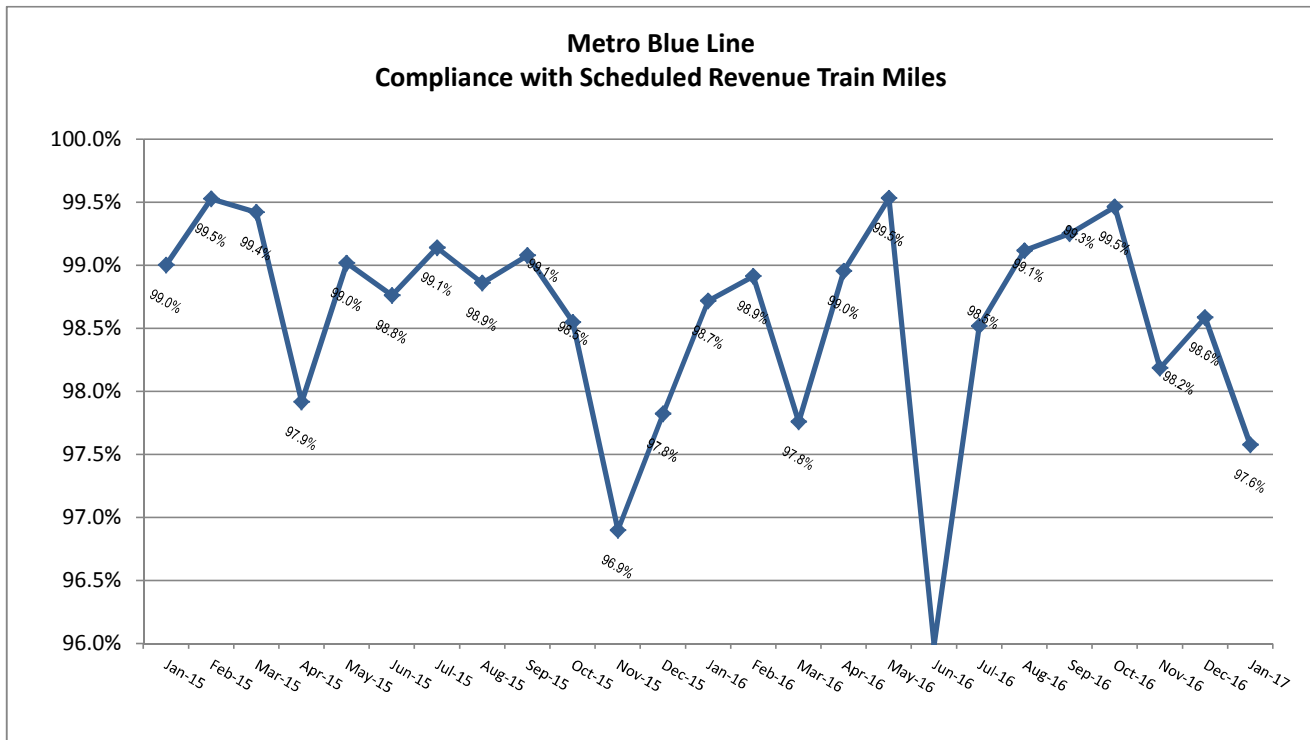
Out 7 minutes late due to yard reconfiguration.
Train 119
T-256
229-242
Yard limits, 4N

MEASURES OF THE OVERALL SERVICE IMPACT OF RAIL INCIDENTS

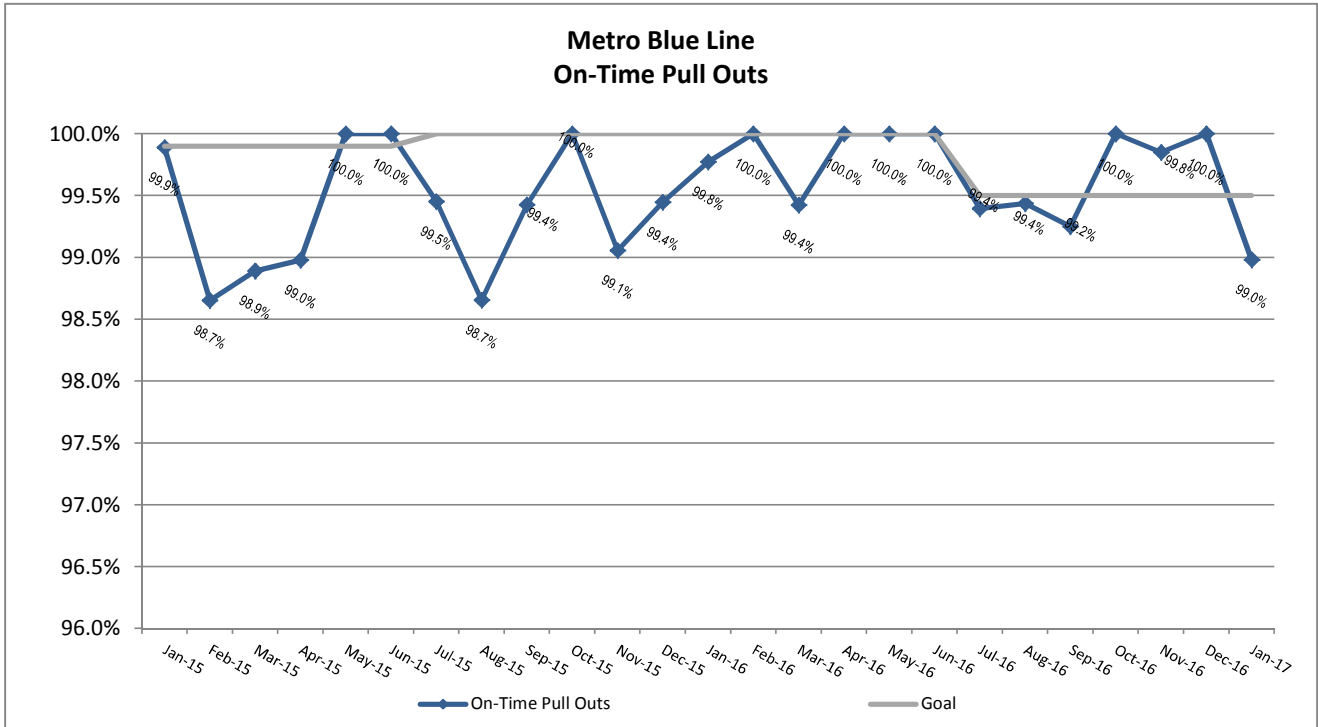
COMPLIANCE WITH SCHEDULED VEHICLE HOURS CHART



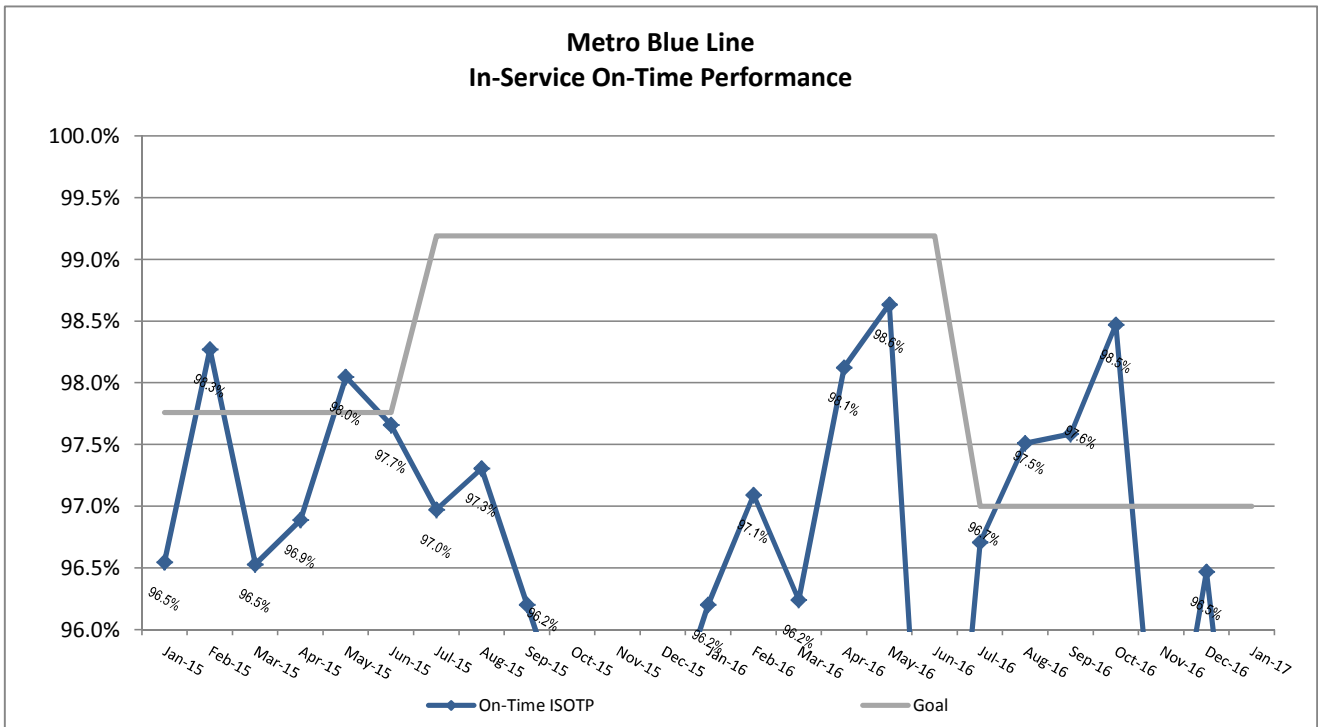
COMPLIANCE WITH SCHEDULED TRAIN MILES CHART



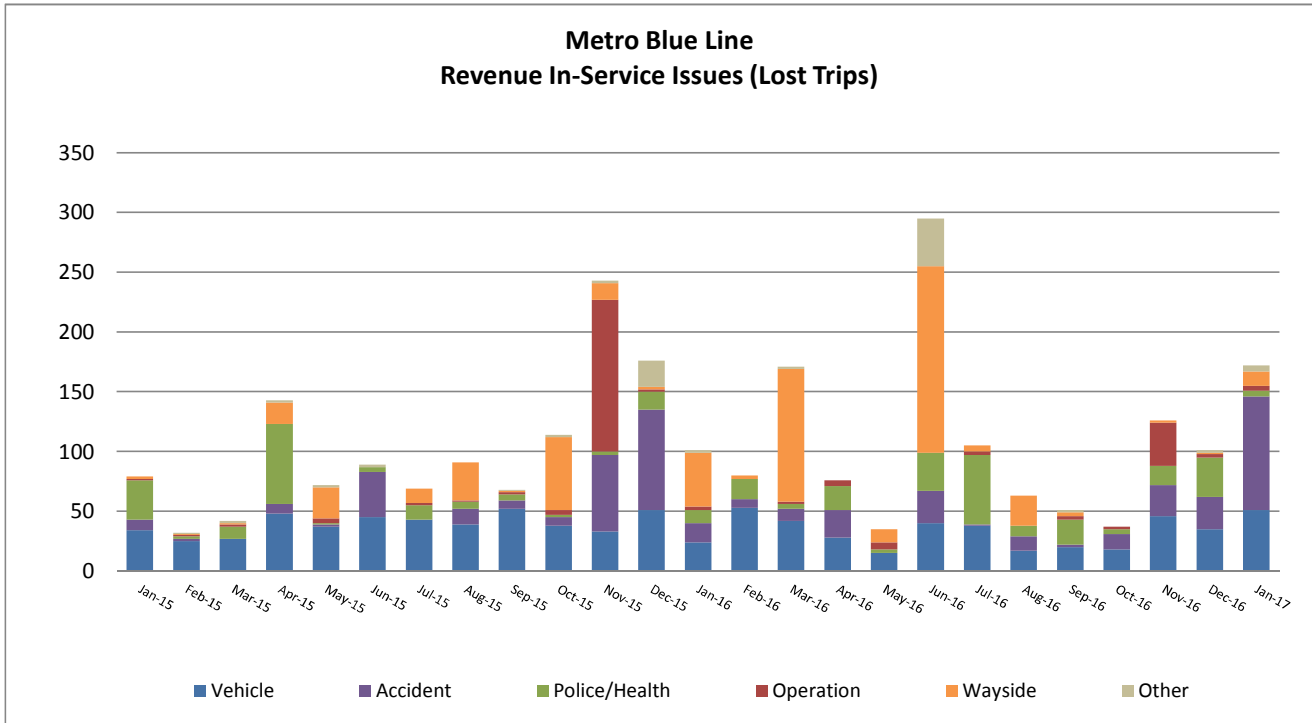
ON-TIME PULL OUTS CHART



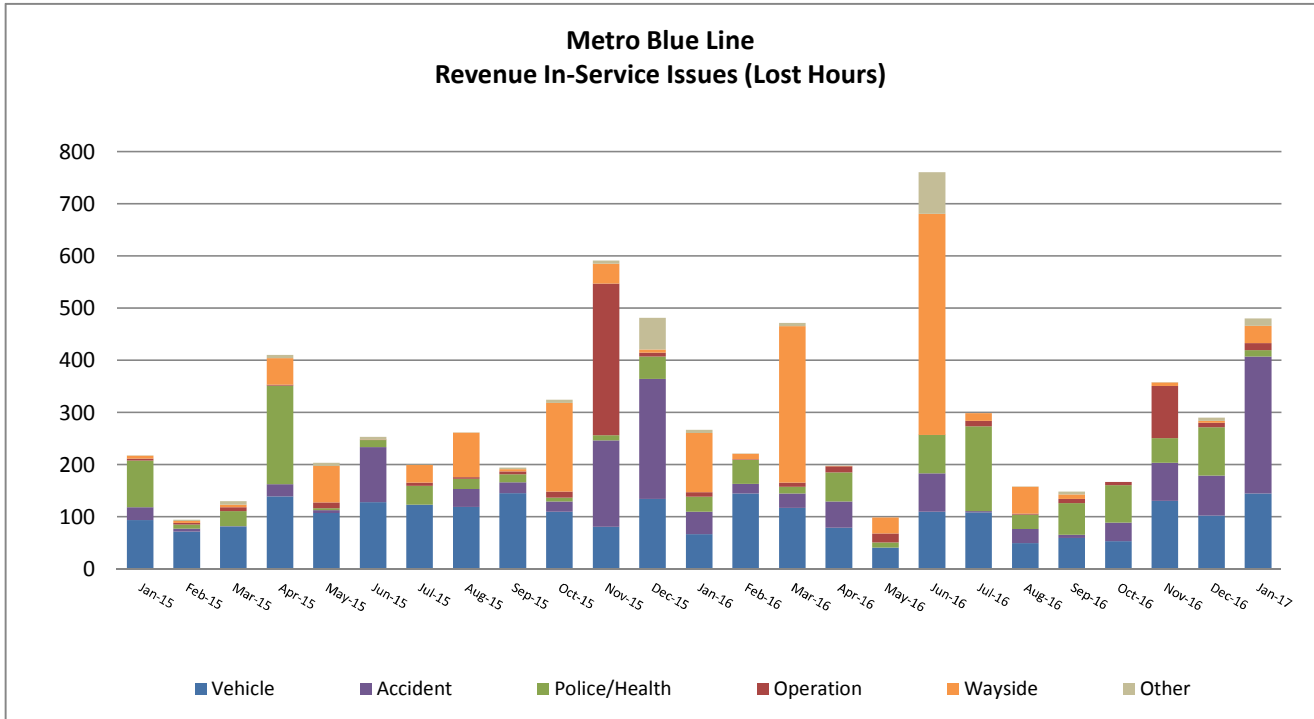
IN-SERVICE ON-TIME PERFORMANCE CHART



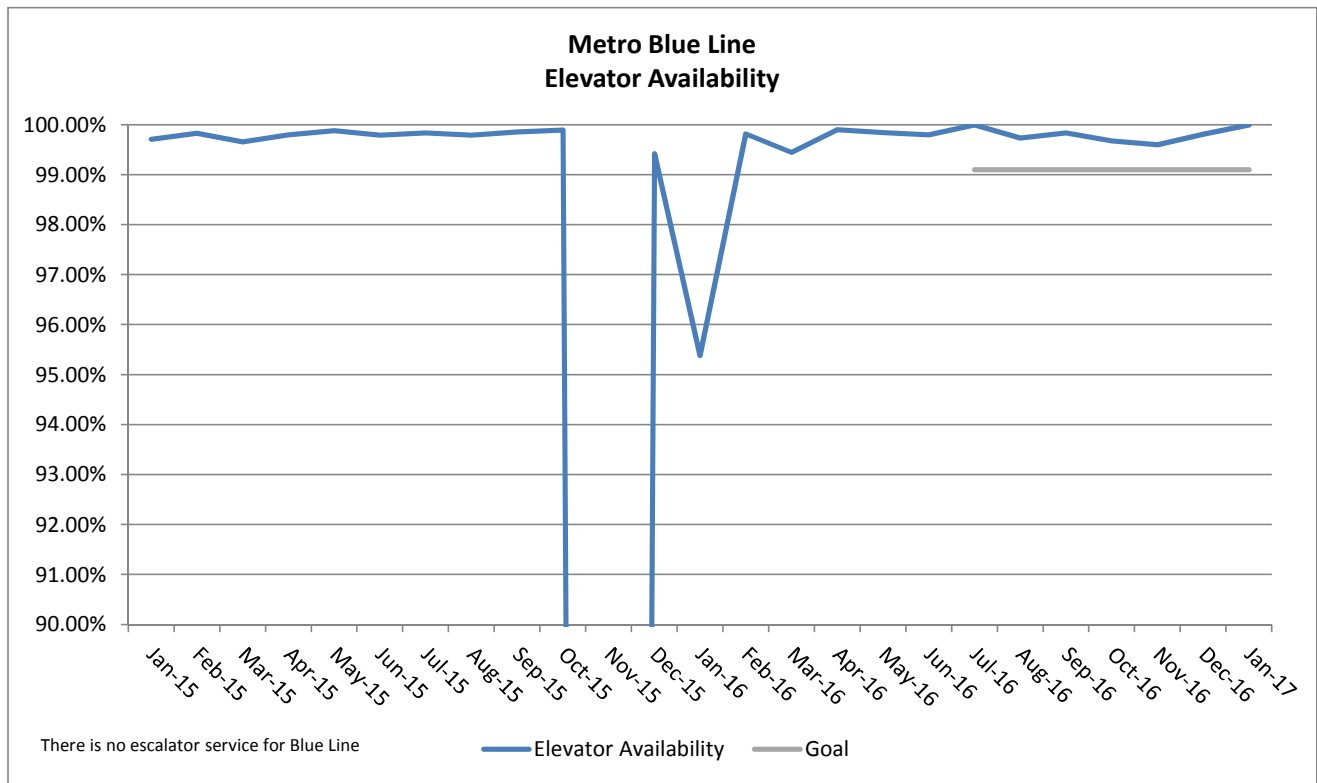
LOST TRIPS



LOST HOURS



VERTICAL TRANSPORTATION AVAILABILITY



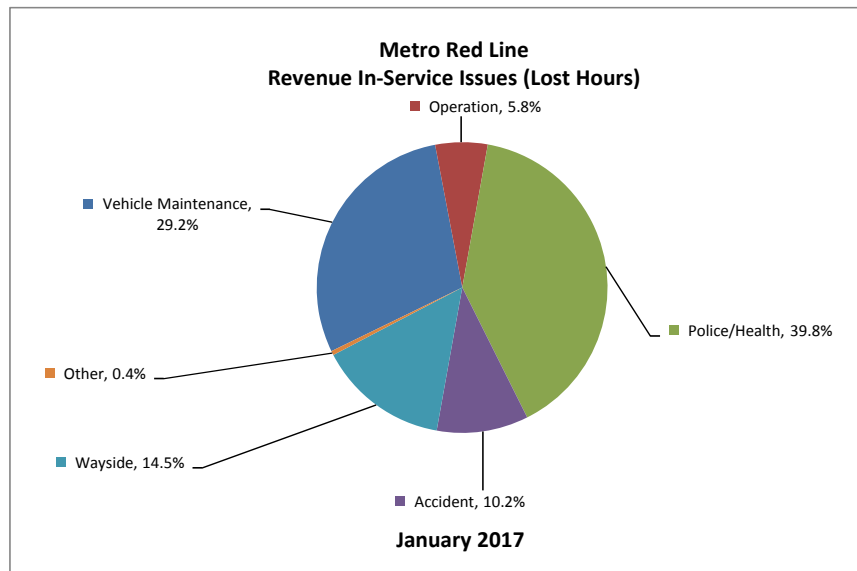
RED LINE

Out of a total of 26,924 hours operated, there were approximately 90 total hours of service delays.

January 2017 Service Hours *	Revenue	
	Hours	Per Cent
Revenue Hours without Delays	26,834	99.7%
Cancelled + Delayed Hours	90	0.3%
Total Revenue Hours	26,924	100.0%

Summary of the major contributors:	Count	Hours	Per Cent
Operations	3	5.2	5.8%
Accidents	3	9.1	10.2%
Vehicle Maintenance	12	26.2	29.2%
Wayside	3	13.0	14.5%
Police & Health	14	35.6	39.8%
Other	1	0.4	0.4%
Total	36	89.5	100.0%

* Data from M3 used to report Service Delays is under review for accuracy



January 2017 Red Line major delay contributors were as follows:

Operations Incidents:

1/24/2017 4:57:00 PM - Incident# 2826786 (0 lost trips, 3 lost minutes)

Westlake Station A/R LASD 643 Frank reports a burning odor being generate from the right of way.

1/26/2017 9:38:00 PM - Incident# 2827726 (0 lost trips, 10 lost minutes)

Request to activate Work Permit W-007 on the AL track with a crew of 7.

1/27/2017 6:55:00 AM - Incident# 2827865 (2 lost trips, 298 lost minutes)

RTOS reports an individual requesting medical attention on train 208 car 532 at Union AR platform.

Accidents:

1/13/2017 10:55:00 PM - Incident# 2822830 (2 lost trips, 311 lost minutes)

10-72: Pershing Square

Train 201, T-172

593,594,541,542

1/14/2017 8:55:00 AM - Incident# 2822891 (2 lost trips, 232 lost minutes)

Train 206 T-084 Hysterically transmitted a report of a 10-72 Trespasser vs Train, at Vermont/Santa Monica AR Track.

1/23/2017 1:49:00 PM - Incident# 2826265 (0 lost trips, 5 lost minutes)

CCTV reports an individual falling onto the trackway at Hollywood Highland AL.

Vehicle Maintenance Incidents:

1/1/2017 1:29:00 AM - Incident# 2818181 (0 lost trips, 10 lost minutes)

Operator reports emergency break application that will no release. Train unable to move eastbound in EMO.

Train 201

T-418

Cars 565 566 539 540 575 (576).

Civic Center AL east.

1/7/2017 8:37:00 PM - Incident# 2820310 (1 lost trip, 116 lost minutes)

Train 204:Friction Brakes Not Releasing

T-138, CP#42

Cars 597, 598, 531, 532

1/9/2017 6:17:00 PM - Incident# 2820942 (1 lost trip, 163 lost minutes)

Friction Brakes fail to release.

Train #214

T-012

Cars #517-518-523-528-509-(509).

E/Bound North Hollywood Station A/R Track.

1/16/2017 5:53:00 AM - Incident# 2823244 (2 lost trips, 297 lost minutes)

Emergency brake application.

Train 203

AR West departing Union

T-10

(511) 512 517 518

1/20/2017 6:32:00 AM - Incident# 2825029 (1 lost trip, 162 lost minutes)

Propulsion failure

Train 206

T-080

Cars 531-532-555-(556)

Wilshire Normandie BL East

1/20/2017 6:35:00 PM - Incident# 2825422 (2 lost trips, 324 lost minutes)

Reports Flashing Cab signals and no movement.

T-483

Train 205

Hollywood Highland, AR, Westbound

Cars: 599 600 541 542 549 550

1/25/2017 4:58:00 AM - Incident# 2826877 (0 lost trips, 12 lost minutes)

Car 530 Friction Brakes would not release
(Door Control Breaker dropped on car 525)
Train 203
T-009
Wilshire Western Station BR track
Consist 525-524-521-530

1/26/2017 7:29:00 AM - Incident# 2827472 (0 lost trips, 14 lost minutes)

Operator reports no movement on the AR at North Hollywood
Train 207
T-328
Maximum delay of +15 East

1/26/2017 8:41:00 AM - Incident# 2827452 (3 lost trips, 452 lost minutes)

Friction brakes not releasing
Train 202
T-007
Cars 527-522-523-(528)
Wilshire Vermont AL East

1/29/2017 7:49:00 PM - Incident# 2828561 (0 lost trips, 9 lost minutes)

Report friction brake will not release.
T-117
Train 209
Cars (601)-602-551-552
Hollywood Vine AR westbound.

1/30/2017 5:13:00 PM - Incident# 2828995 (0 lost trips, 7 lost minutes)

ATP emergency brake application not releasing in car 549.

1/31/2017 3:51:00 PM - Incident# 2829377 (0 lost trips, 4 lost minutes)

Train 203 (599,600,589,590) T-329, Union Station, AR reports flashing cab signals with propulsion fault indication, car 599.

Wayside Incidents:

1/4/2017 10:45:00 PM - Incident# 2819318 (5 lost trips, 742 lost minutes)

Breaker at Vermont Beverly D04 opened and train 219 lost power on the AL track.

1/14/2017 5:24:00 PM - Incident# 2822989 (0 lost trips, 30 lost minutes)

ETS 054/ETS001 and Deluge System activated at W/M AL W.
ETS 053/ETS002 ETS trip only no deluge.

1/22/2017 4:36:00 PM - Incident# 2825858 (0 lost trips, 8 lost minutes)

Switch 3A failure unable to set route in or out of AL platform.

Police & Health Incidents:

1/2/2017 12:55:00 PM - Incident# 2818407 (1 lost trip, 175 lost minutes)

Trespasser entered the AR Track at Wilshire/Vermont walking towards Westlake.

1/5/2017 5:14:00 AM - Incident# 2819365 (3 lost trips, 454 lost minutes)

Operator T-7 reports a trespasser on the ROW west of Wilshire Vermont AL platform.

1/6/2017 2:03:00 PM - Incident# 2820035 (0 lost trips, 6 lost minutes)

Medical response for Patron having a seizure
Train 213, T-271
Cars 535,536,599,600,537,538
Westlake/Mcarthur Station, AR, Westbound

1/7/2017 6:26:00 AM - Incident# 2820186 (2 lost trips, 244 lost minutes)

Passenger traveling with a barking K-9.

1/7/2017 7:45:00 AM - Incident# 2820199 (0 lost trips, 10 lost minutes)

T-276 reports seeing a trespasser at the Emergency Walkway at Hollywood Western, beyond the intrusion gates.

1/10/2017 6:57:00 AM - Incident# 2821133 (0 lost trips, 15 lost minutes)

Patron allegedly having seizure car #583

1/11/2017 7:53:00 AM - Incident# 2821609 (0 lost trips, 10 lost minutes)

Female patron activated PIC from car 566, Train 204, requesting medical assistance due to a seizure. T-80 was instructed to proceed to Vermont Sunset, met paramedics.
Cars: 565 (566) 575 576 601 602.
Eastbound AL, H/W.

1/16/2017 12:23:00 PM - Incident# 2823406 (1 lost trip, 160 lost minutes)

Male patron suffering a Epileptic Seizure
Train 202
T-333
Westlake MacArthur Park Station AR Track
Consist 509-508-523-528

1/17/2017 8:15:00 PM - Incident# 2824004 (1 lost trip, 148 lost minutes)

Report of a male patron requesting medical.

1/21/2017 11:38:00 PM - Incident# 2825680 (0 lost trips, 10 lost minutes)

Train operator report a female patron is requesting medical assistance on train 203 car 575, AR track, N/H.

1/24/2017 8:56:00 AM - Incident# 2826592 (0 lost trips, 11 lost minutes)

Deputy Arrellano, reports a patron is screaming and threatened other customer to kill them on board train 205.

1/24/2017 9:39:00 PM - Incident# 2826832 (0 lost trips, 10 lost minutes)

Pershing Square Station male patron threatens to blow up the tracks and threw and clear plastic bag onto the right of way.

1/27/2017 10:38:00 PM - Incident# 2828175 (1 lost trip, 158 lost minutes)

Wilshire/Western: Assault

1/29/2017 4:50:00 PM - Incident# 2828556 (6 lost trips, 726 lost minutes)

Male Trespasser: Cross Passage 16 AR

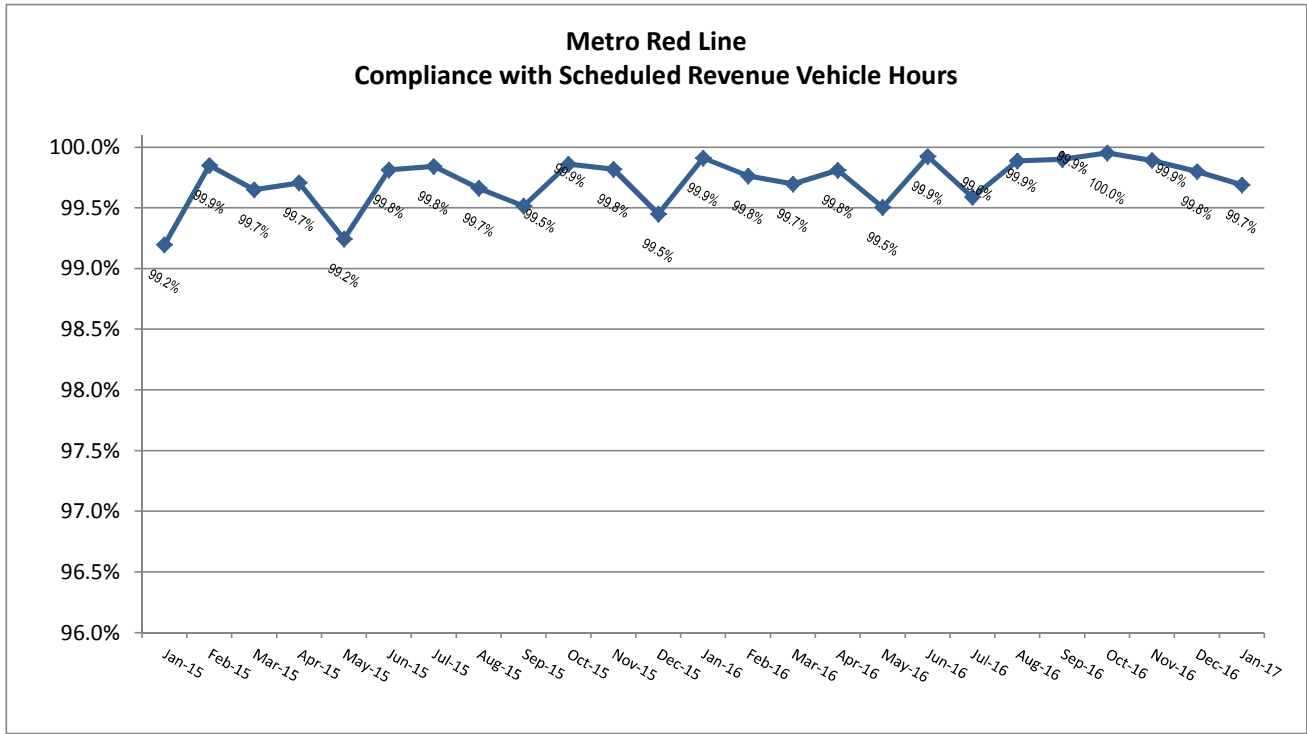
Other Incidents:

1/10/2017 5:54:00 PM - Incident# 2821405 (0 lost trips, 24 lost minutes)

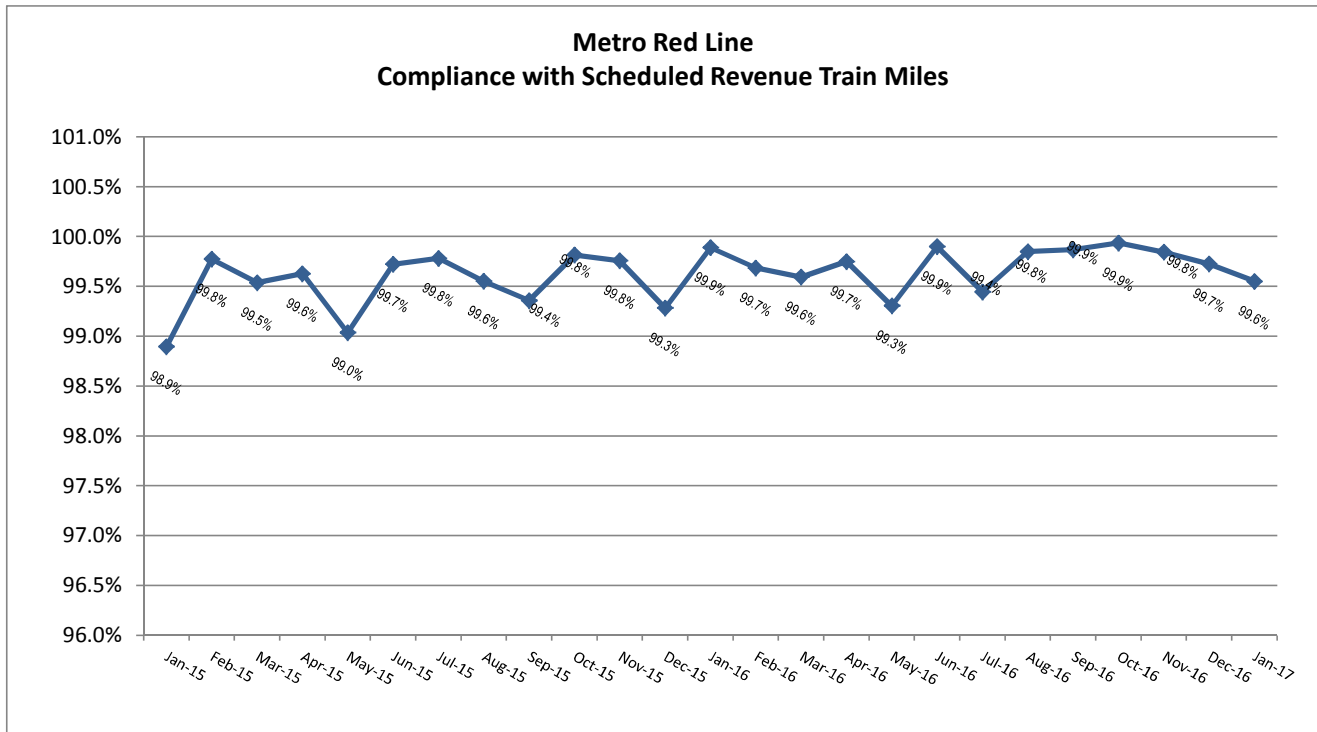
SCADA indicate lost of network connection.

MEASURES OF THE OVERALL SERVICE IMPACT OF RAIL INCIDENTS

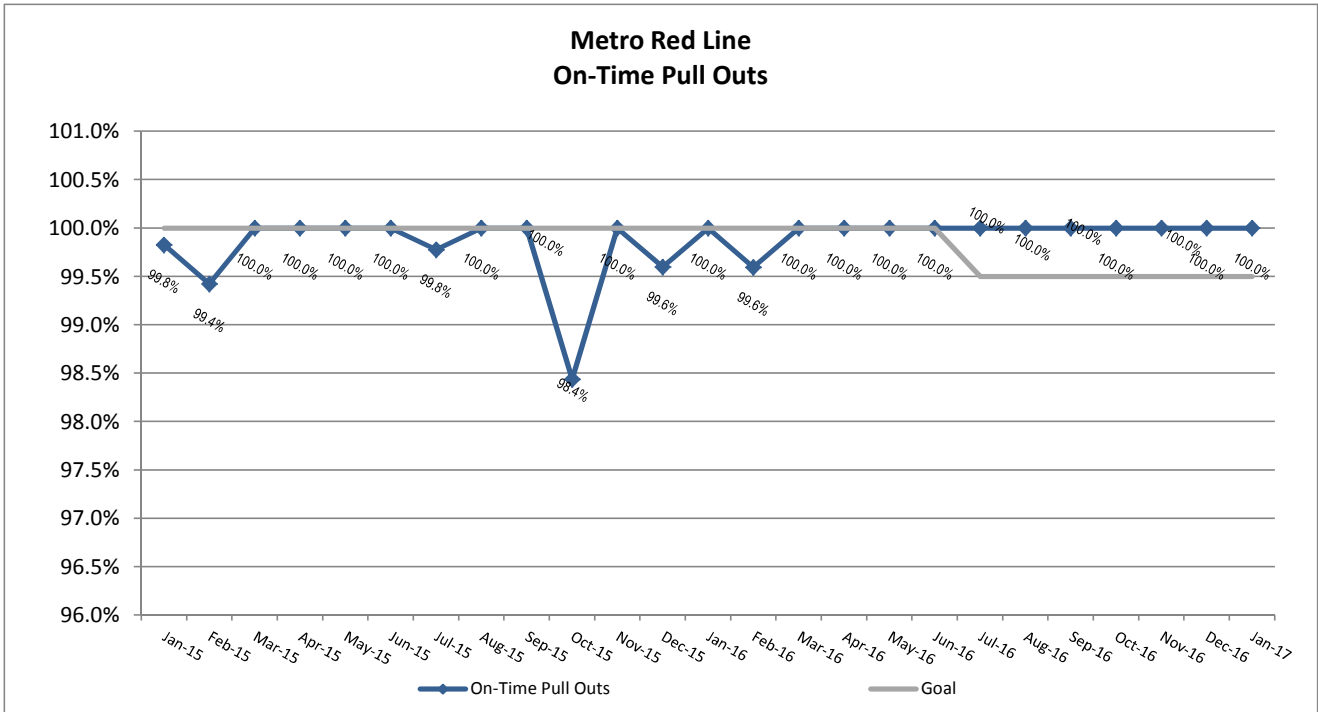
COMPLIANCE WITH SCHEDULED VEHICLE HOURS CHART



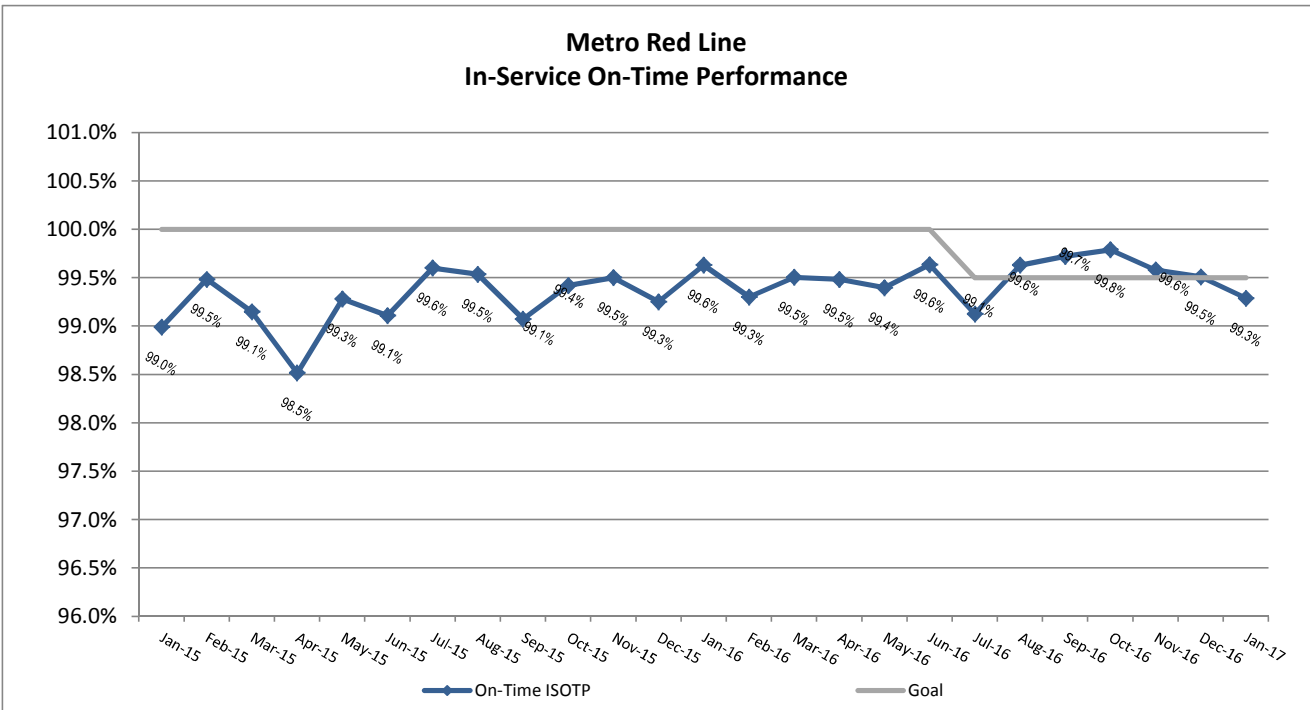
COMPLIANCE WITH SCHEDULED TRAIN MILES CHART



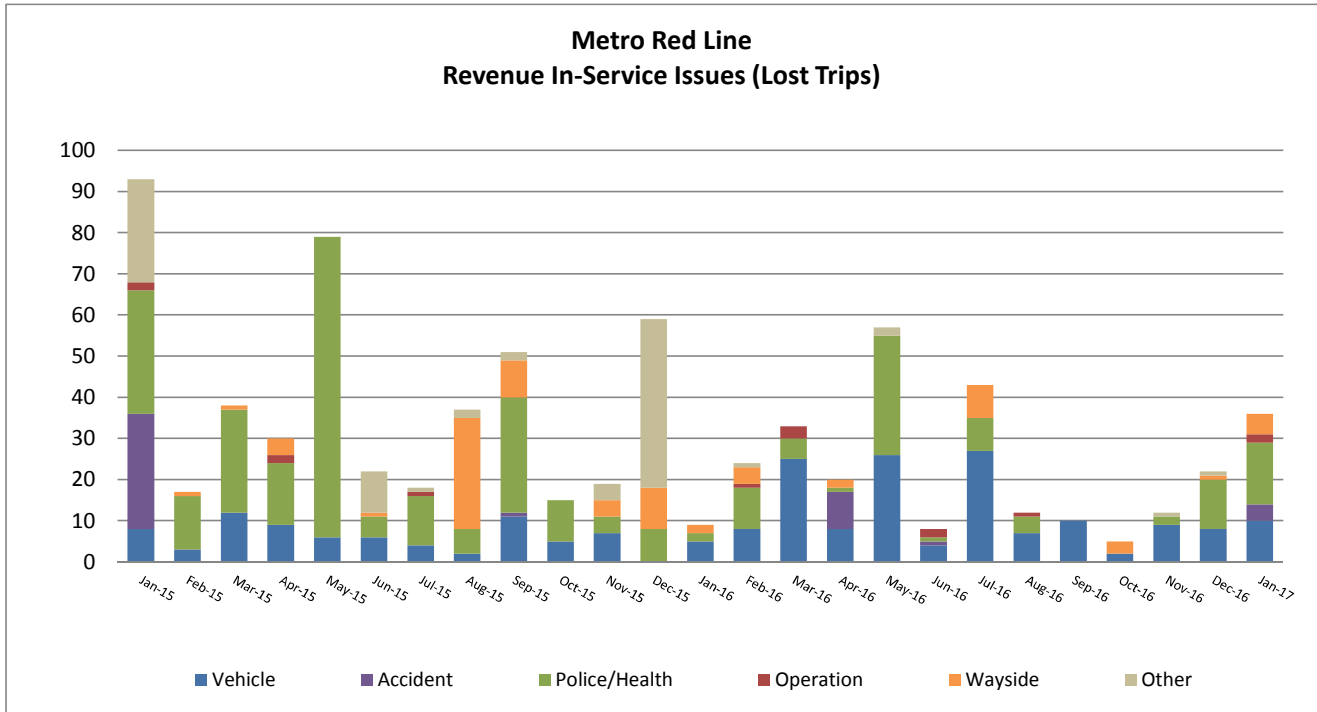
ON-TIME PULL OUTS CHART



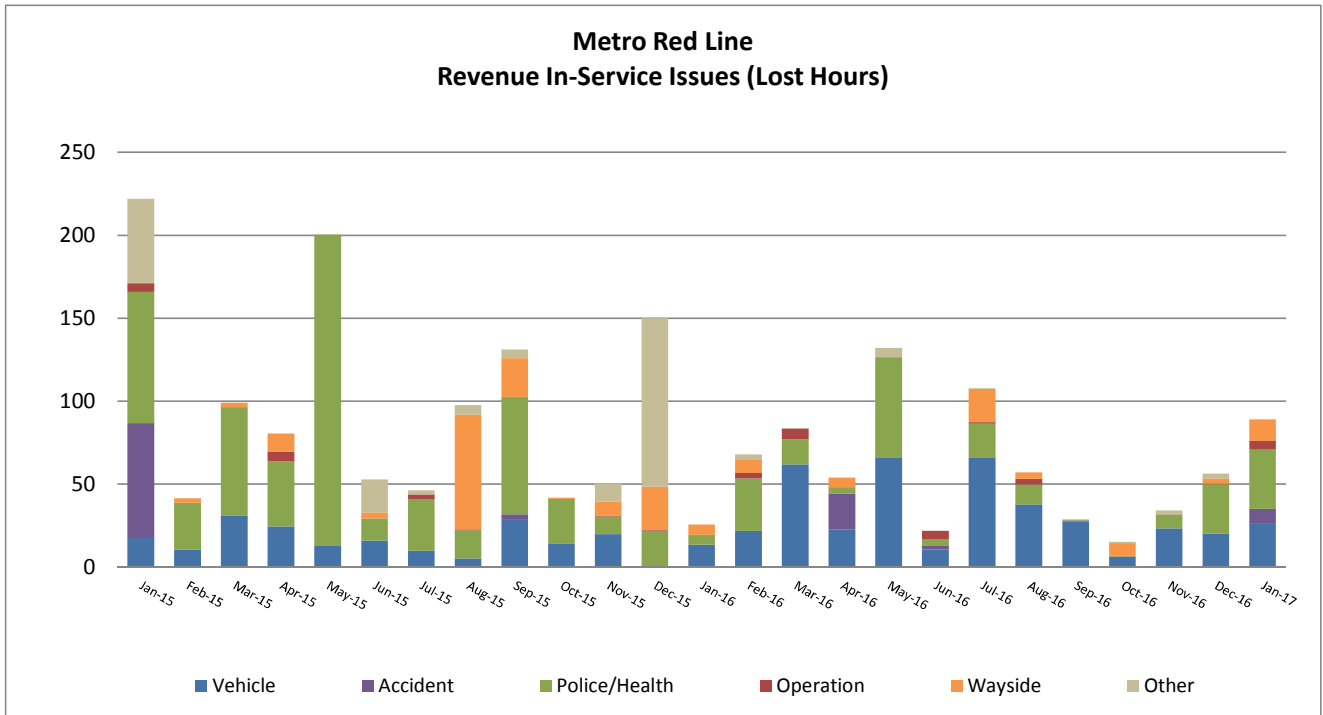
IN-SERVICE ON-TIME PERFORMANCE CHART



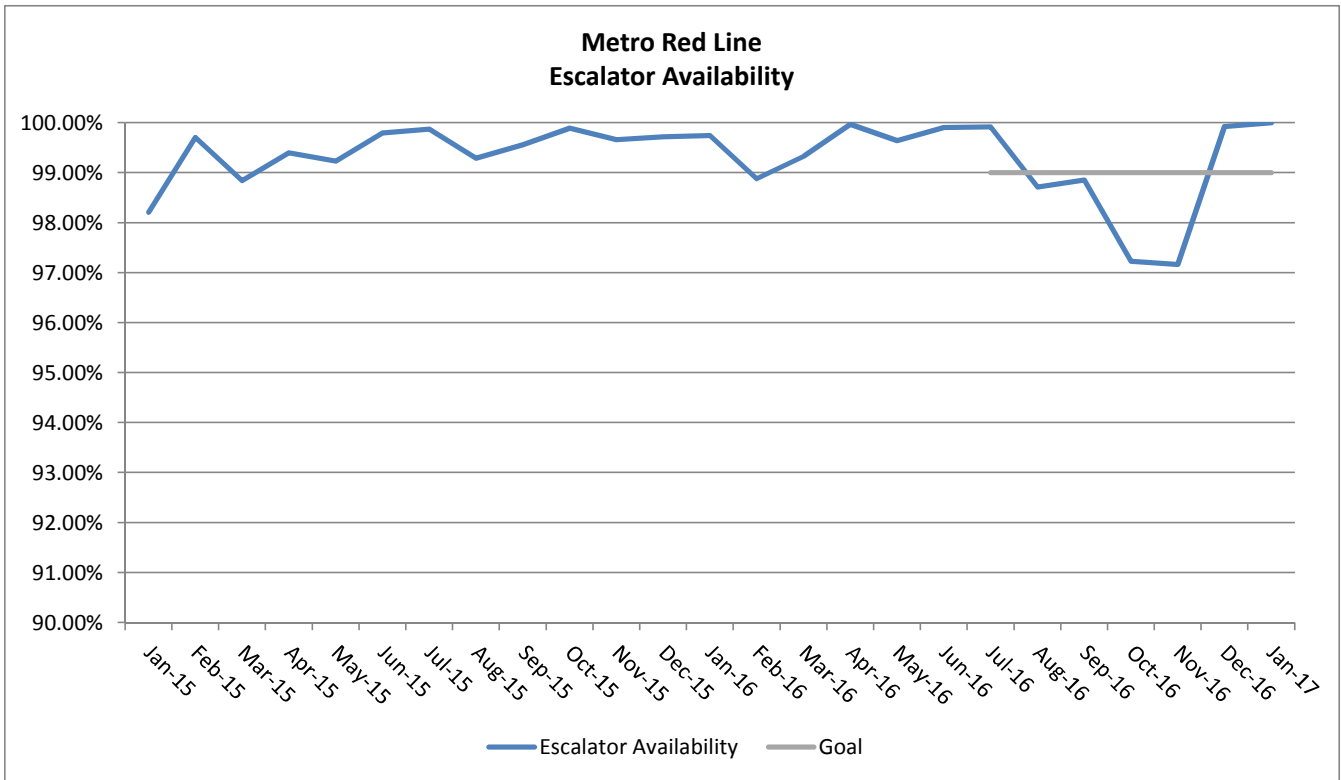
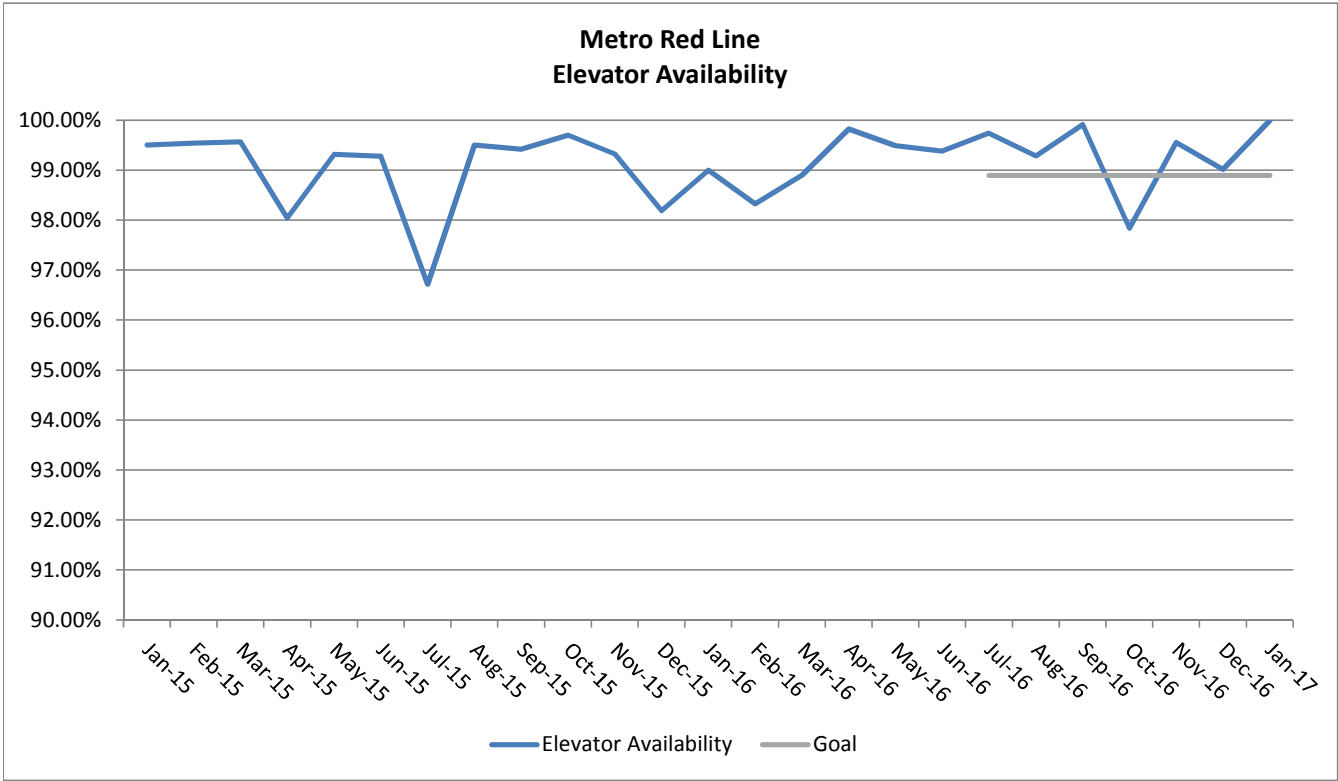
LOST TRIPS



LOST TRIPS



VERTICAL TRANSPORTATION AVAILABILITY



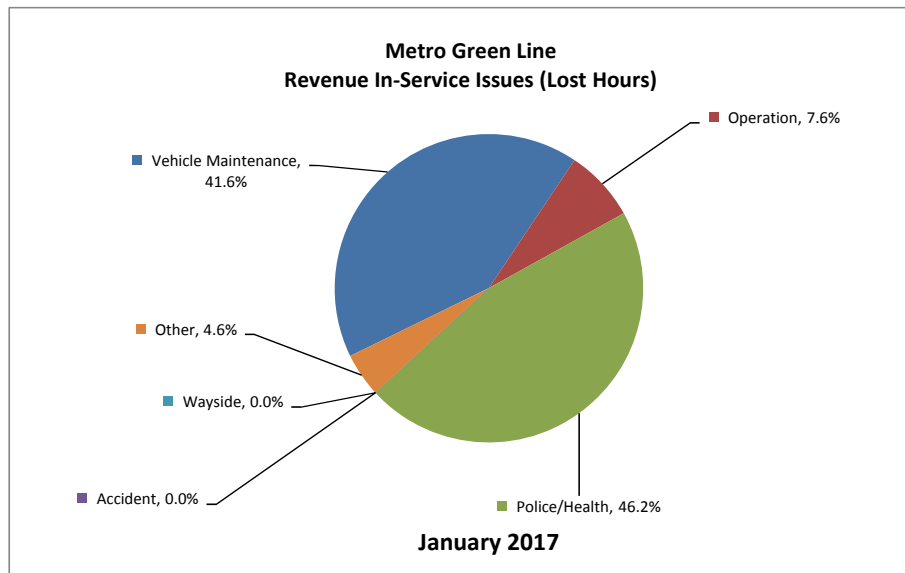
GREEN LINE

Out of a total of 8,257 hours operated, there were approximately 50 total hours of service delays.

January 2017 Service Hours *	Revenue	
	Hours	Per Cent
Revenue Hours without Delays	8,207	99.4%
Cancelled + Delayed Hours	50	0.6%
Total Revenue Hours	8,257	100.0%

Summary of the major contributors:	Count	Hours	Per Cent
Operations	4	3.8	7.6%
Accidents	0	0.0	0.0%
Vehicle Maintenance	20	21.0	41.6%
Wayside	0	0.0	0.0%
Police & Health	9	23.3	46.2%
Other	2	2.3	4.6%
Total	35	50.5	100.0%

* Data from M3 used to report Service Delays is under review for accuracy



January 2017 Green Line major delay contributors were as follows:

Operations Incidents:

1/12/2017 7:17:00 AM - Incident# 2822063 (1 lost trip, 66 lost minutes)

Douglas Station overshoot.
Train 334
T-210
Track 2
(209B)-220
ATO mode

1/19/2017 5:43:00 AM - Incident# 2824582 (0 lost trips, 10 lost minutes)

Service delay. T-20, 10-100 at Norwalk station.

1/29/2017 2:49:00 PM - Incident# 2828525 (0 lost trips, 6 lost minutes)

Marine Station, Train-333 T-020 consist #207A-219 with 10-100 performed prior to schedule departure of 14:49 hours and actual departure 14:55 hours causing (6) minutes delay.

1/30/2017 9:47:00 PM - Incident# 2829038 (2 lost trips, 147 lost minutes)

Operator reports roaches all over the Operator's cab.
Cars 216, 215
Train 345
T-269
Norwalk TRK 1, westbound

Vehicle Maintenance Incidents:

1/1/2017 7:05:00 PM - Incident# 2818301 (0 lost trips, 6 lost minutes)

Propulsion fault (209B)222.
Avalon Station
Train #335, T-071, track #1, westbound.

1/2/2017 6:54:00 AM - Incident# 2818357 (1 lost trip, 62 lost minutes)

Train 332 departing Marine station on track 2 reports Friction Brake fault no movement. Operated by T-210

1/3/2017 2:57:00 PM - Incident# 2818839 (0 lost trips, 15 lost minutes)

Operator reports propulsion failure with speed restriction.
Cars 224, (203B)
Train 334
T-396
Aviation TRK 2, eastbound

1/4/2017 6:00:00 AM - Incident# 2818976 (2 lost trips, 142 lost minutes)

Recurring propulsion faults with speed restriction.
Train 336
T-269
Track 2, E/B
Hawthorne Station
(209A)-223
ATO and MTO modes

1/4/2017 4:10:00 PM - Incident# 2819255 (1 lost trip, 76 lost minutes)

Train 346, LRV's (226) and 224.
Long Beach Station, Track 1 westbound.
Prop fault with speed restriction of 35mph.

1/4/2017 10:48:00 PM - Incident# 2819330 (0 lost trips, 14 lost minutes)

Train 342 upon uncoupling reports no movement.

1/5/2017 7:28:00 AM - Incident# 2819479 (1 lost trip, 76 lost minutes)

Propulsion Fault / Speed Restriction
220-(243B)
T-57
Train 338
Lakewood, westbound

1/5/2017 7:31:00 AM - Incident# 2819472 (1 lost trip, 76 lost minutes)

Propulsion Fault / Speed Restriction
(203A)-221
Train 340
T-260
Lakewood, westbound

1/5/2017 6:46:00 PM - Incident# 2819711 (1 lost trip, 66 lost minutes)
Propulsion Fault on car 219 unable to clear due to a converter problem on car 219
Train 336
T-177
217-(219)
Harbor Station Track #2 Southbound.

1/9/2017 6:12:00 AM - Incident# 2820634 (0 lost trips, 5 lost minutes)
Windshield wiper motor is blown on 202B.
Train 334
T-202
(202B)-221
EB, Crenshaw Station, Track 2

1/11/2017 10:41:00 AM - Incident# 2821726 (0 lost trips, 9 lost minutes)
Train 336, LRV's (214) and 243.
Norwalk Station, Platform 1 westbound.
Friction Brakes locked.

1/12/2017 6:21:00 AM - Incident# 2822022 (0 lost trips, 8 lost minutes)
Recurring propulsion faults with speed restriction.
Train 338
Track 1, W/B
T-40
Crenshaw Station
(221A)-243
ATO and MTO modes

1/12/2017 7:39:00 AM - Incident# 2822127 (3 lost trips, 205 lost minutes)
Auto Train Protection (Speed Limit), no movement, cars #(219-224)
Train #331
T-202
Douglas Station, Track #002, Eastbound.

1/12/2017 2:35:00 PM - Incident# 2822298 (2 lost trips, 132 lost minutes)
Operator reports no movement eastbound Car 226.
Cars (224), 226
Train 342
T-261
East of Crenshaw, TRK 2, eastbound

1/19/2017 5:05:00 AM - Incident# 2824551 (0 lost trips, 10 lost minutes)
Propulsion fault. Speed restriction.
Train 335
Track 2, E/B
Departing Marine Station
T-57
(208)-205
ATO and MTO modes

1/23/2017 6:27:00 AM - Incident# 2826019 (4 lost trips, 263 lost minutes)
Friction Brake Fault / No Fault
211-(223A)
Train 341
T-140
Yard Signal 12, westbound

1/25/2017 6:17:00 AM - Incident# 2826954 (0 lost trips, 6 lost minutes)
Doors will not open on trailing car.
Train 339
Track 1, W/B
T-113
Lakewood Station
(207)-220

1/27/2017 5:06:00 AM - Incident# 2827855 (1 lost trip, 75 lost minutes)
Propulsion / Dynamic Brakes
(203B)-223
Train 335
T-57
Douglas, Eastbound, Track 2

1/27/2017 3:06:00 PM - Incident# 2828105 (0 lost trips, 5 lost minutes)
Emergency Brakes not releasing on car 216
T-57, train 342
(216)-224
Paramount IL, track 1, west

1/30/2017 10:16:00 PM - Incident# 2829041 (0 lost trips, 10 lost minutes)

Operator reports non-clearing propulsion fault on Car 218.
Cars 218-209
Train 345
T-269
Aviation TRK 1, westbound

Police & Health Incidents:

1/3/2017 4:19:00 AM - Incident# 2818508 (0 lost trips, 11 lost minutes)

Car 202 has blood inside the train.

1/5/2017 11:43:00 PM - Incident# 2819742 (1 lost trip, 66 lost minutes)

Train Operator reported a Passenger was brandishing a Knife on car 209 at Aviation Station Westbound

1/6/2017 1:01:00 AM - Incident# 2819764 (0 lost trips, 45 lost minutes)

Train Operator was complaining that an individual was banging on his cab door.
Train 345
T-99
car 243
Wilmington Station Eastbound Track #1

1/12/2017 3:38:00 PM - Incident# 2822323 (10 lost trips, 664 lost minutes)

Douglas/BNSF has a derailment on their ROW, Douglas is shutdown UFN.

1/18/2017 9:09:00 PM - Incident# 2824481 (0 lost trips, 10 lost minutes)

Vermont/Train 343 reports a trespasser walking west on the ROW.

1/23/2017 8:01:00 PM - Incident# 2826407 (1 lost trip, 66 lost minutes)

LASD held train 345 due to homeless individual
T-055
201-215
Track 2
Westbound
Wilmington station

1/24/2017 10:48:00 PM - Incident# 2826839 (0 lost trips, 11 lost minutes)

Train 343, T-247 reports of a possible stabbing onboard car (202)-207 at Vermont Station.

1/25/2017 11:03:00 AM - Incident# 2827087 (6 lost trips, 395 lost minutes)

Patron allegedly reports to CCTV initially that she was assaulted by her boyfriend and then minutes later tells CCTV that something showed her a gun.

1/30/2017 7:28:00 AM - Incident# 2828711 (2 lost trips, 132 lost minutes)

Sleeper patron defecated in his pants; debris on seats and car smells like excrement.
Train 331
T-202
(225A)-224
EB, Marine Station, Track 2

Other Incidents:

1/17/2017 6:29:00 AM - Incident# 2823627 (2 lost trips, 132 lost minutes)

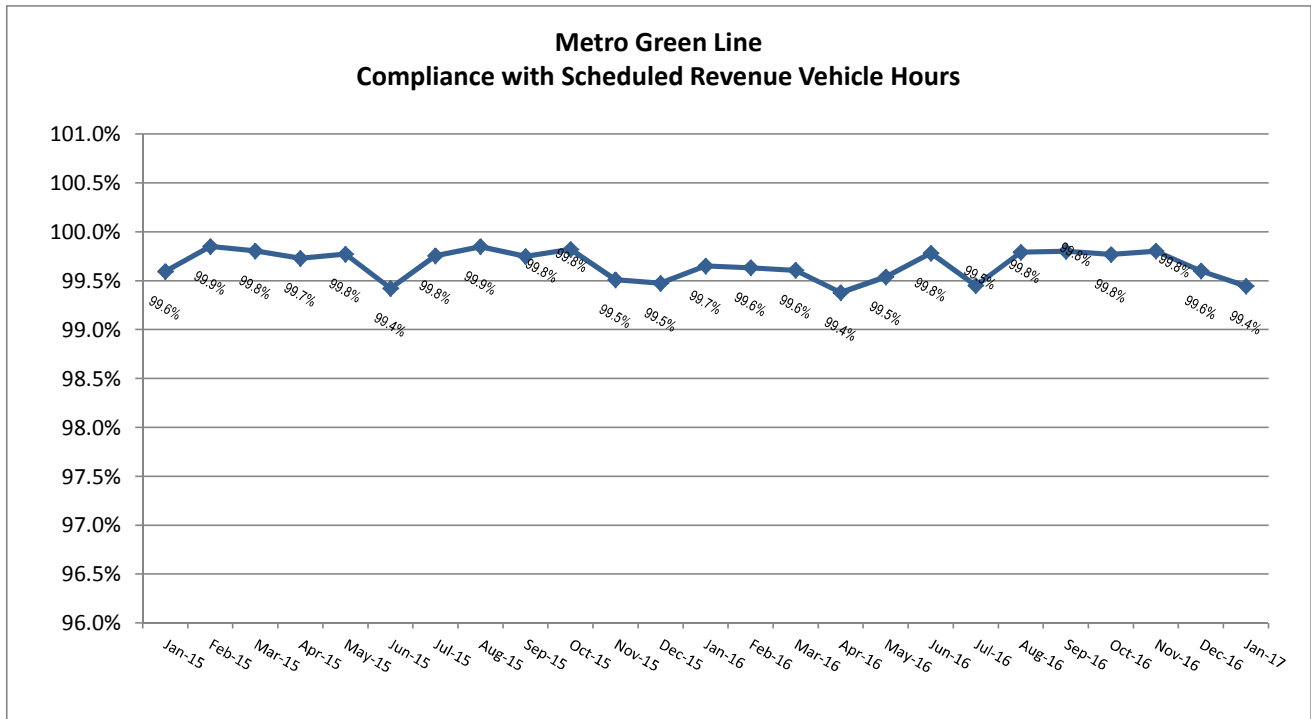
Train 341 will not be pulling out per schedule. Consist broke down in the yard and there is no equipment for replacement.

1/21/2017 12:03:00 AM - Incident# 2825468 (0 lost trips, 9 lost minutes)

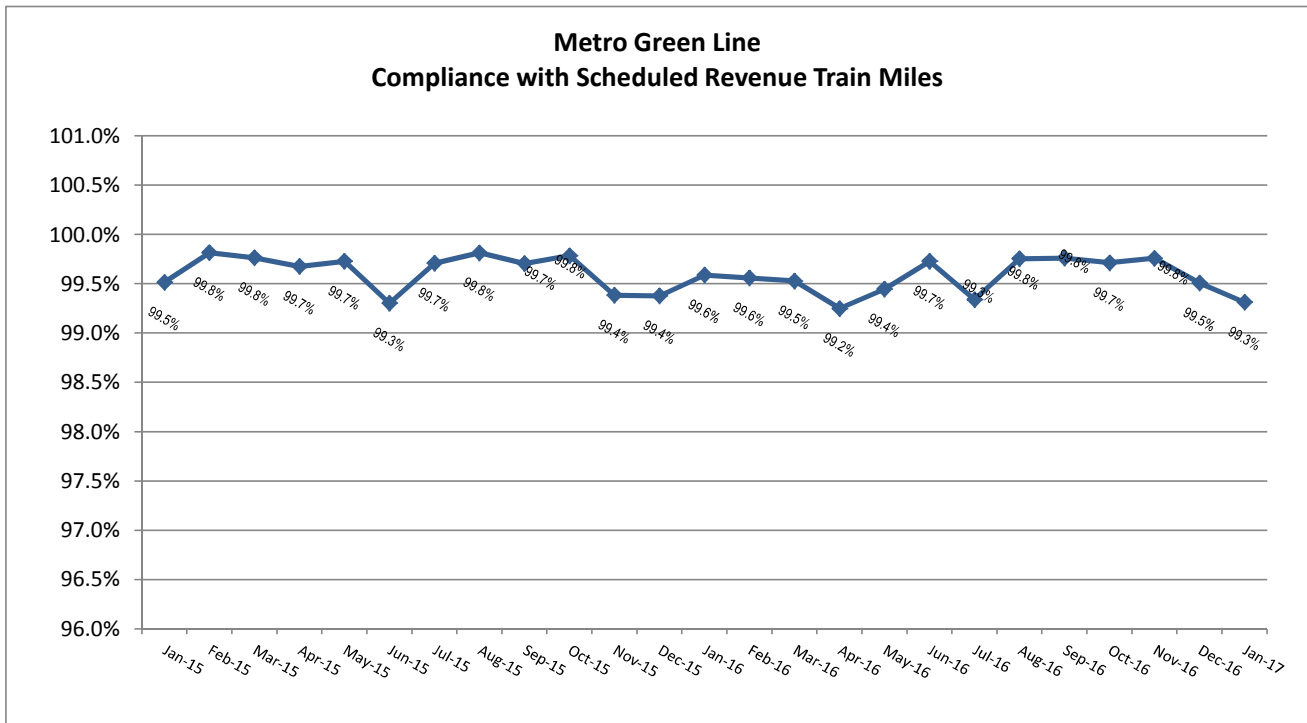
An individual named Larry Johnson boarded Train 343. Mr. Johnson was attempting to set his clothes on fire.
Train 343
211
T-55
Norwalk Station Track #1.

MEASURES OF THE OVERALL SERVICE IMPACT OF RAIL INCIDENTS

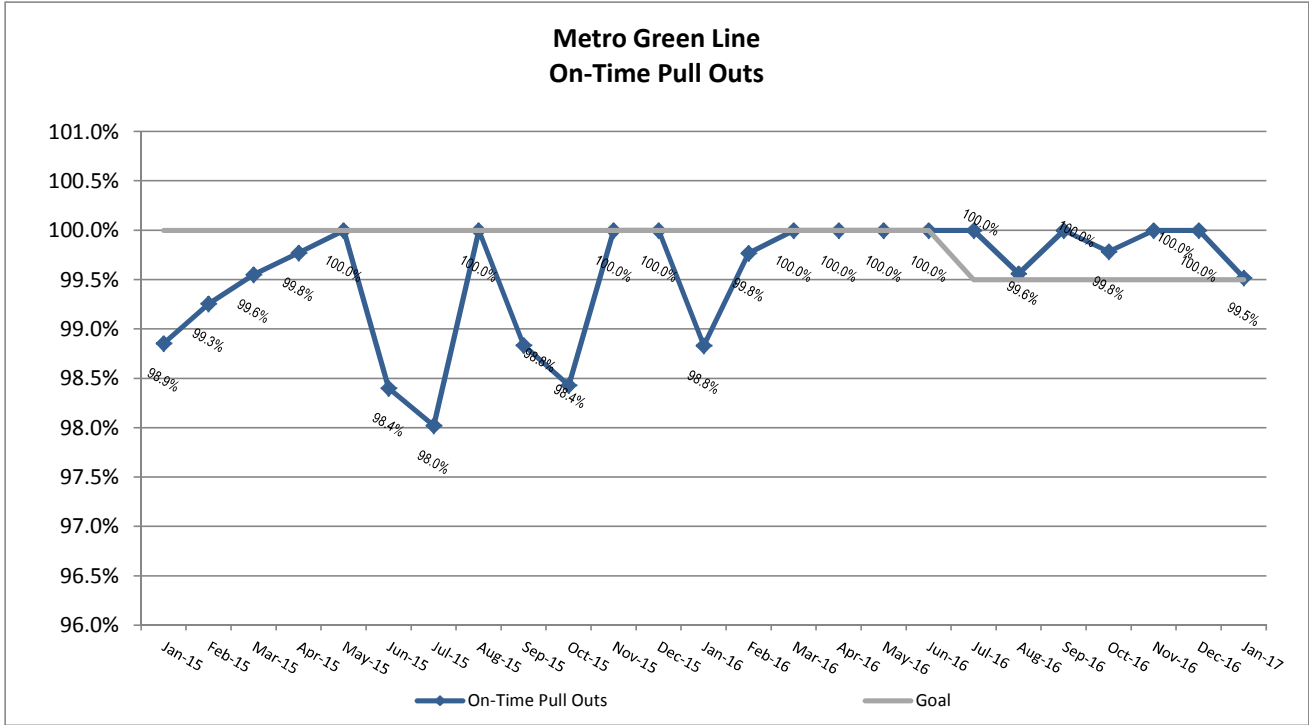
COMPLIANCE WITH SCHEDULED VEHICLE HOURS CHART



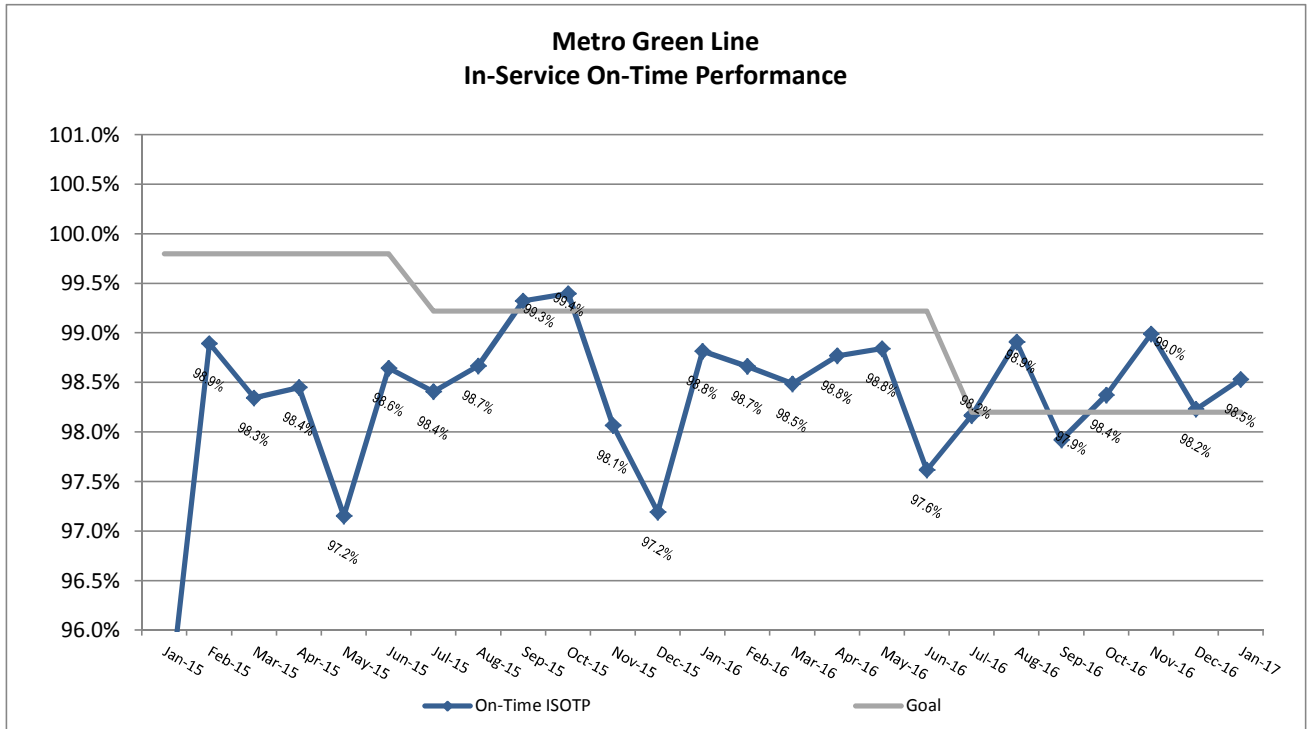
COMPLIANCE WITH SCHEDULED TRAIN MILES CHART



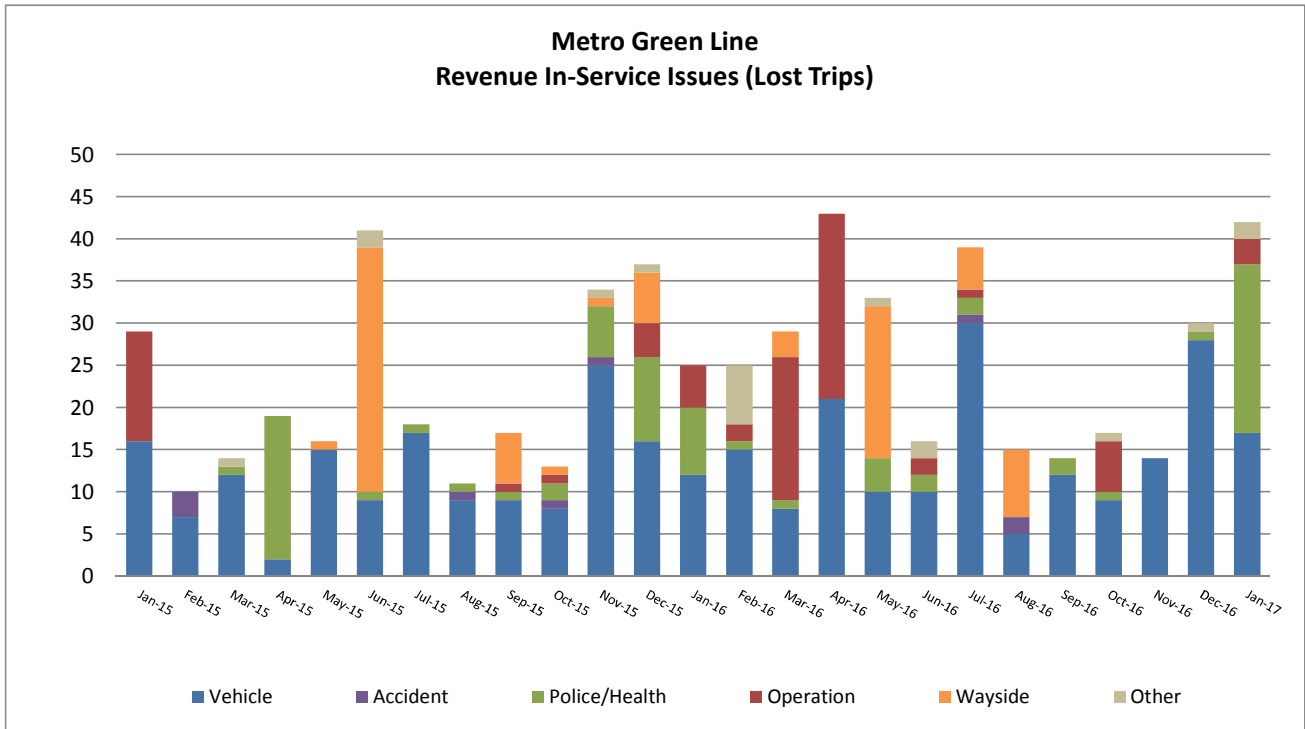
ON-TIME PULL OUTS CHART



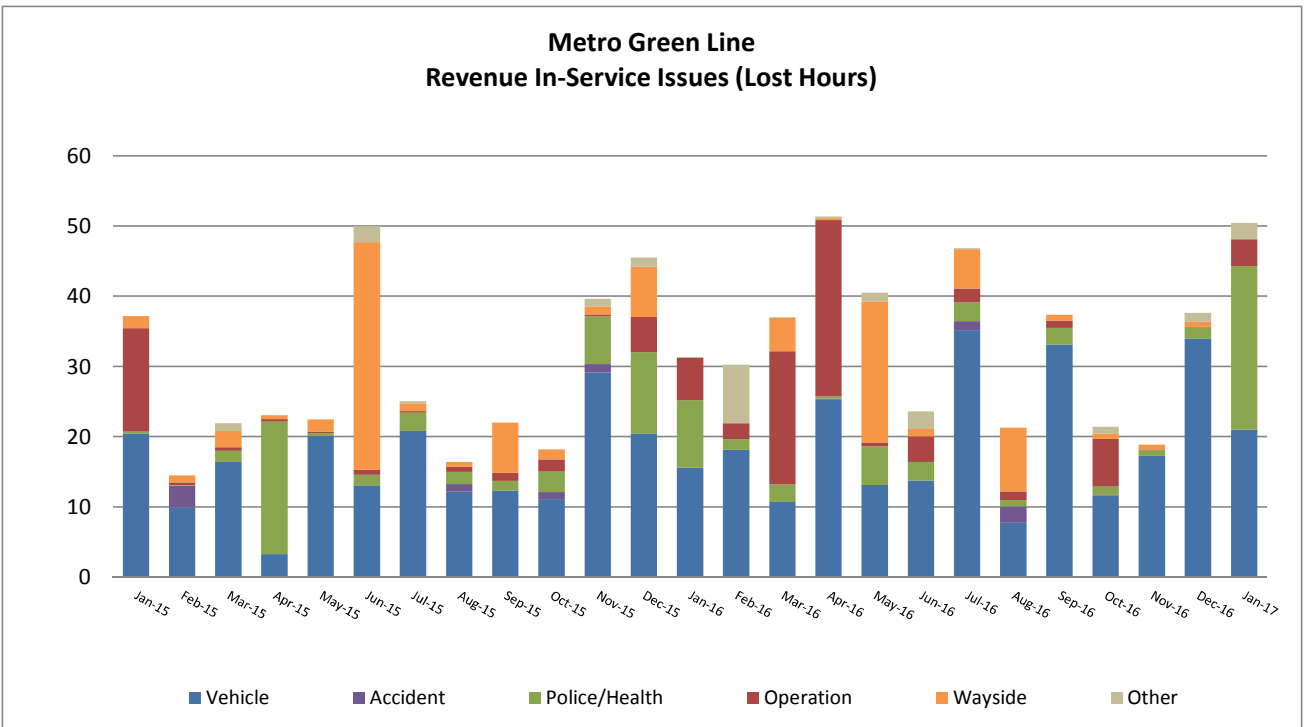
IN-SERVICE ON-TIME PERFORMANCE CHART



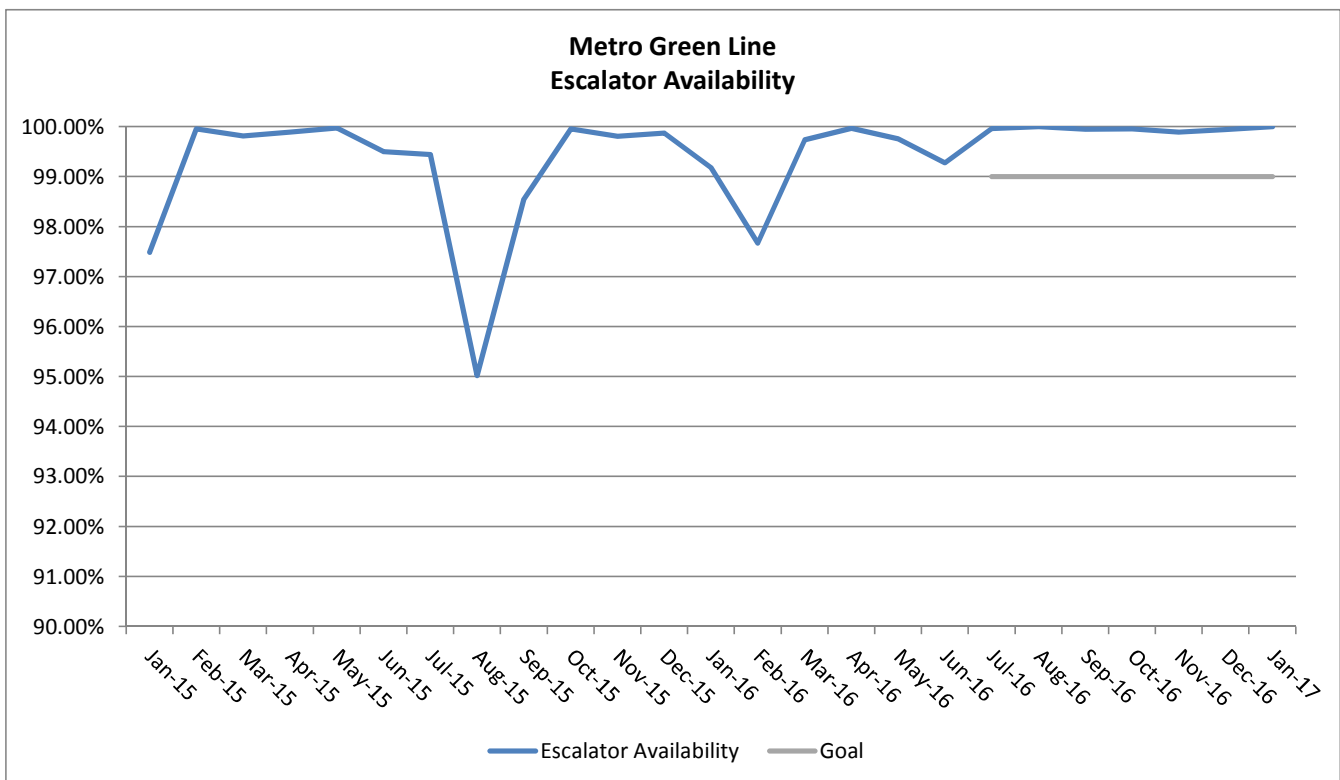
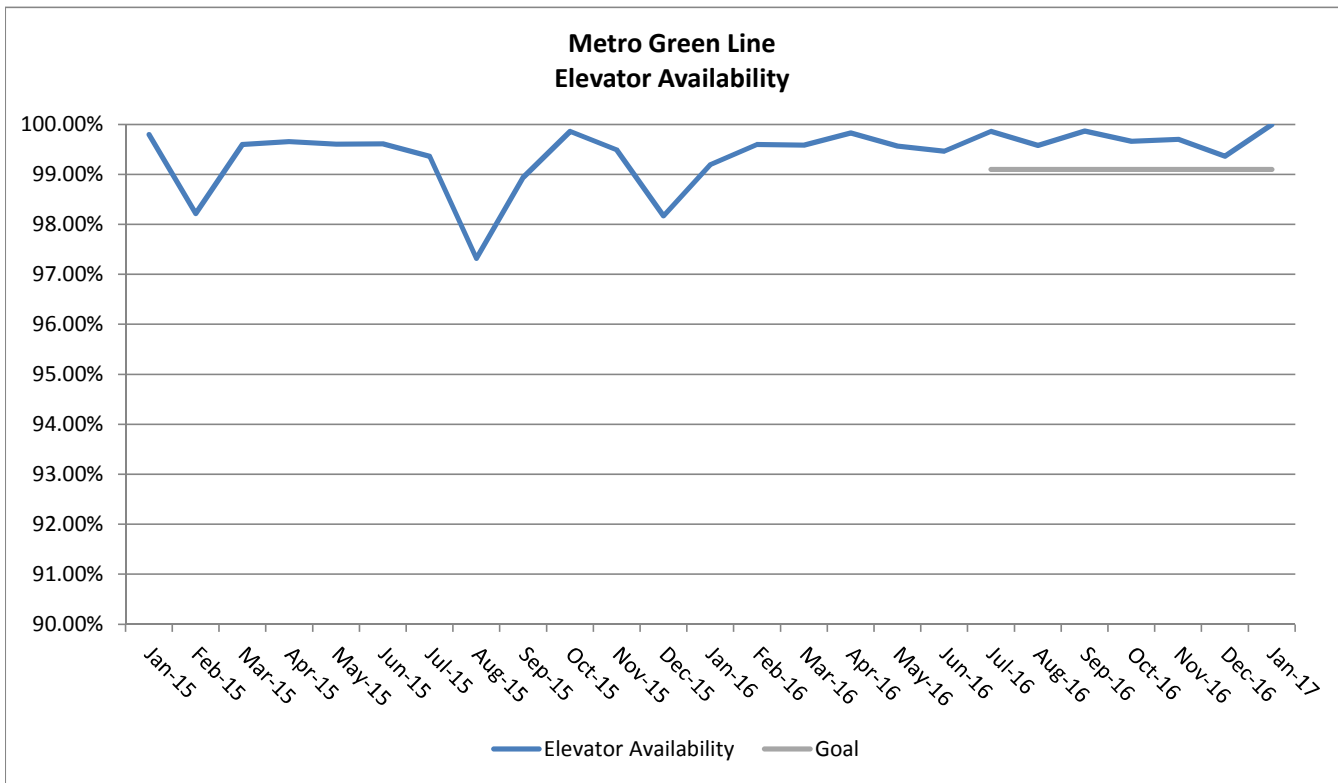
LOST TRIPS



LOST HOURS



VERTICAL TRANSPORTATION AVAILABILITY



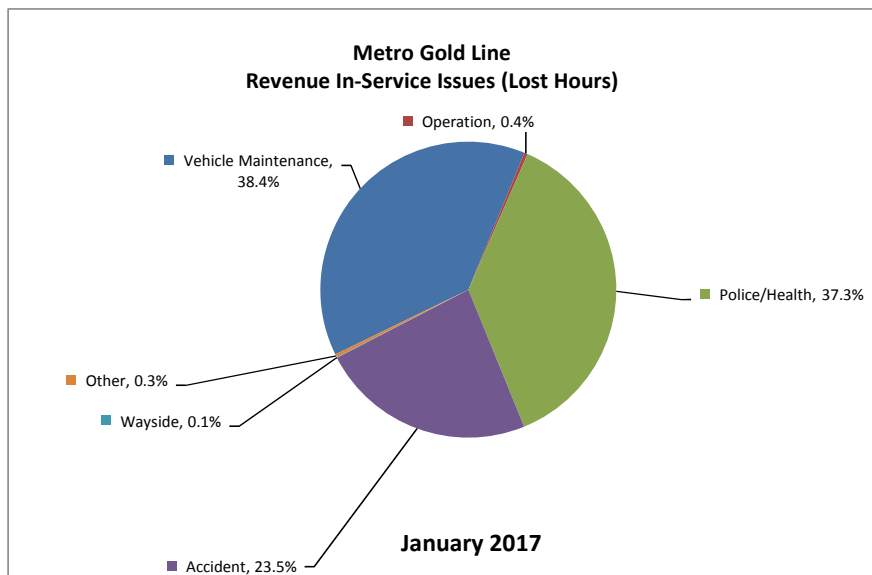
GOLD LINE

Out of a total of 21,335 hours operated, there were approximately 131 total hours of service delays.

January 2017 Service Hours *	Revenue	
	Hours	Per Cent
Revenue Hours without Delays	21,204	99.4%
Cancelled + Delayed Hours	131	0.6%
Total Revenue Hours	21,335	100.0%

Summary of the major contributors:	Count	Hours	Per Cent
Operations	2	0.5	0.4%
Accidents	3	30.9	23.5%
Vehicle Maintenance	24	50.3	38.4%
Wayside	1	0.1	0.1%
Police & Health	8	48.9	37.3%
Other	2	0.5	0.3%
Total	40	131.1	100.0%

* Data from M3 used to report Service Delays is under review for accuracy



January 2017 Gold Line major delay contributors were as follows:

Operations Incidents:

1/15/2017 7:20:00 AM - Incident# 2823051 (0 lost trips, 10 lost minutes)

Davey Tree trimming as per Track Allocation.

1/21/2017 1:45:00 PM - Incident# 2825608 (0 lost trips, 20 lost minutes)

Due to protests in Downtown LA, 3 extra Trains in service and Pink summary adjustments used. Selected southbound Trains were turned back at Union Station. High levels of crowds has caused delays of 20-30 minutes due to unscheduled turn-backs.

Accidents:

1/8/2017 12:28:00 PM - Incident# 2820428 (6 lost trips, 1,344 lost minutes)

Train Operator T-432 reports Vehicle made Right turn in front of the train and made contact at Temple st and Alameda Intersection. Operating car 744A with 733.

1/12/2017 8:21:00 AM - Incident# 2822138 (2 lost trips, 488 lost minutes)

Train 406 reports tree fell on consist.
Southbound Track 2 @ 7.8 MP Marker
Cars 1015/1010
T-120

1/22/2017 - Incident# 2825681 (0 lost trips, 20 lost minutes)

10-71 at Arroro Verde Train Made Contact With a TV Left on the ROW

Vehicle Maintenance Incidents:

1/1/2017 4:41:00 AM - Incident# 2818189 (0 lost trips, 10 lost minutes)

Propulsion failure
Train 405
T-248
Track 1 APU Citrus
717 (733)

1/2/2017 3:56:00 AM - Incident# 2818334 (1 lost trip, 346 lost minutes)

Train 408, LRV 1010, 1011, and 1007.
Sierra Madre Station, Track 2 south.
Prop fault with speed restriction.

1/3/2017 6:18:00 AM - Incident# 2818532 (1 lost trip, 239 lost minutes)

Propulsion Fault / Speed Restriction / Dynamic Fault
(717)-733
Train 408
T-238
Irwindale Station, southbound

1/3/2017 4:51:00 PM - Incident# 2818865 (0 lost trips, 10 lost minutes)

Train 426 (716,736,737) T-151 departing Little Tokyo Station, track 1 reports no movement, propulsion fault.

1/7/2017 3:48:00 AM - Incident# 2820169 (1 lost trip, 236 lost minutes)

No Cab Signal
750-(743)
Train 402
T-159
Downtown Azusa, southbound

1/8/2017 9:07:00 AM - Incident# 2820382 (0 lost trips, 5 lost minutes)

Prop Faults
Train 404
Cars: 1010-1006
T-298
Pico Aliso station, Track 1, N/B

1/9/2017 6:16:00 AM - Incident# 2820597 (1 lost trip, 234 lost minutes)

No windshield wipers (southend)
(1012)-1013
Train 407
T-100
Chinatown, southbound

1/9/2017 8:48:00 AM - Incident# 2820716 (0 lost trips, 5 lost minutes)

Doors fault (1057)- 1015 no movement
Train 404
T-65
Nothbound
Maravilla Station

1/10/2017 10:42:00 AM - Incident# 2821205 (0 lost trips, 6 lost minutes)

multiple doors with faults both cars 740-729
Train 403
T-92
Northbound
Atlantic Station

1/10/2017 9:00:00 PM - Incident# 2821446 (0 lost trips, 18 lost minutes)

Cab 1005B, ATP failure
Train 408
T-186
Consist 1005-1055
Arcadia Station, Track 1 NB

1/12/2017 5:44:00 AM - Incident# 2822013 (0 lost trips, 7 lost minutes)

ATP failure/no movement
Train 418
LRV 1005A/1006
T-248
Duarte station track 1 northbound

1/13/2017 8:32:00 AM - Incident# 2822532 (0 lost trips, 5 lost minutes)

Auto Train Protection (Speed Limit) (736B)-730
Train #418
T-159
Downtown Azusa, Track #002, Southbound.

1/14/2017 11:10:00 AM - Incident# 2822919 (0 lost trips, lost minutes)

Brake fault on 728; air compressor alarm on 731.
Train 409
T-248
(728-731)
SB, Lake Station, Track 2

1/15/2017 5:40:00 AM - Incident# 2823039 (0 lost trips, 10 lost minutes)

Train 401, LRV's 736 and 735.

1/21/2017 8:06:00 AM - Incident# 2825555 (1 lost trip, 348 lost minutes)

Hi speed circuit breaker on and bad gateway on 714.
Train 404
T-39
(714)-723-713
NB, Atlantic Station, Track 2

1/23/2017 4:32:00 PM - Incident# 2826354 (1 lost trip, 250 lost minutes)

Lincoln/Cypress smelling brakes (729)-750
Train 428
T-60
Northbound
Lincoln/Cypress Station

1/24/2017 12:15:00 PM - Incident# 2826644 (0 lost trips, 5 lost minutes)

FB faults (1007),1006
Train 403
T-151
Southbound
Arcadia

1/27/2017 7:17:00 AM - Incident# 2827869 (1 lost trip, 237 lost minutes)

Train 418, LRV's 748 and 743.
Atlantic Station, Platform 1 north.
Door fault indications.

1/28/2017 7:11:00 PM - Incident# 2828388 (1 lost trip, 302 lost minutes)

Car 1005 has prop a fault
T-232
Train-411
Consist(1005)1055-1057
South Pasadena, Northbound, Track #1

1/29/2017 5:48:00 AM - Incident# 2828431 (0 lost trips, 7 lost minutes)

Auto Train Protection (Speed Limit) loss of Cab Signal
T-347
Train 401
LRV (746B) 720
APU Station, Track 2, southbound.

1/29/2017 8:44:00 AM - Incident# 2828461 (0 lost trips, 6 lost minutes)

LVPS fault (Battery Charger) 750
T-028
Train 411
LRV (750) 724
S. Pasadena Station, Track 1, northbound.

1/29/2017 1:10:00 PM - Incident# 2828500 (1 lost trip, 236 lost minutes)

Auto Train Protection (Speed Limit)
T-470
Train 409
LRV (1006) 1008
Allen Station, Track 1, northbound.

1/30/2017 12:05:00 AM - Incident# 2828590 (2 lost trips, 491 lost minutes)

Friction Brakes Would Not Release
713-(723)
Train 405
SB Lincoln Cypress
T-406

1/31/2017 7:41:00 AM - Incident# 2829170 (0 lost trips, 6 lost minutes)

Doors won't open and then won't close both cars affected 704-708.
Train 455
T-451
Southbound
Heritage Square

Wayside Incidents:

1/27/2017 5:58:00 PM - Incident# 2828142 (0 lost trips, 4 lost minutes)

Citrus Interlocking switch 1A/B out of correspondence in reverse.

Police & Health Incidents:

1/1/2017 12:30:00 PM - Incident# 2818241 (0 lost trips, 16 lost minutes)

CCTV reports possible trespasser on the ROW at Mariachi track 1. Reportedly walking towards Soto Station.

1/18/2017 2:35:00 PM - Incident# 2824354 (2 lost trips, 476 lost minutes)

LASD requests all trains to bypass station due to robbery suspect at platform.
Indiana Station

1/20/2017 9:41:00 AM - Incident# 2825140 (1 lost trip, 249 lost minutes)

Altercations aboard trains, cars #(99732-729)
Train #402
T-100
Fillmore Station, Track #002, Southbound.

1/22/2017 9:32:00 AM - Incident# 2825748 (1 lost trip, 224 lost minutes)

Lake Station Track-1, Train-406 T-28 consist #716-741 with medical emergency on-board car #741. Instructed to proceed to medical rendezvous point at Sierra Madre Villa Station.

1/22/2017 3:15:00 PM - Incident# 2825834 (0 lost trips, 11 lost minutes)

Train 412 held at Monrovia Station, Track 1, northbound at So. Pasadena PD request. SPPD looking for a robbery suspect.

1/23/2017 5:55:00 PM - Incident# 2826374 (0 lost trips, 12 lost minutes)

Passenger complaining of chest pains in car 749.
Train 403
T-185
Consist 749-742-734
Track 2 SB approaching Pico Aliso

1/26/2017 10:30:00 PM - Incident# 2827771 (0 lost trips, 6 lost minutes)

T-382 operating Train 404 advised control a white male approximately age 45-50 yrs of age requested Medical Attention at South Pasadena station.

1/31/2017 5:30:00 PM - Incident# 2829436 (8 lost trips, 1,937 lost minutes)

Traffic accident (MTA not involved) blocking track #2.

1st and Mission road

Train #423, T-228, track #2, southbound.

Other Incidents:

1/10/2017 12:00:00 PM - Incident# 2821233 (0 lost trips, 7 lost minutes)

Intoxicated male with bicycle blocking operator cab door, (704)-702

Train 403

T-100

Southbound

APU/Citrus

1/13/2017 12:22:00 PM - Incident# 2822683 (0 lost trips, 20 lost minutes)

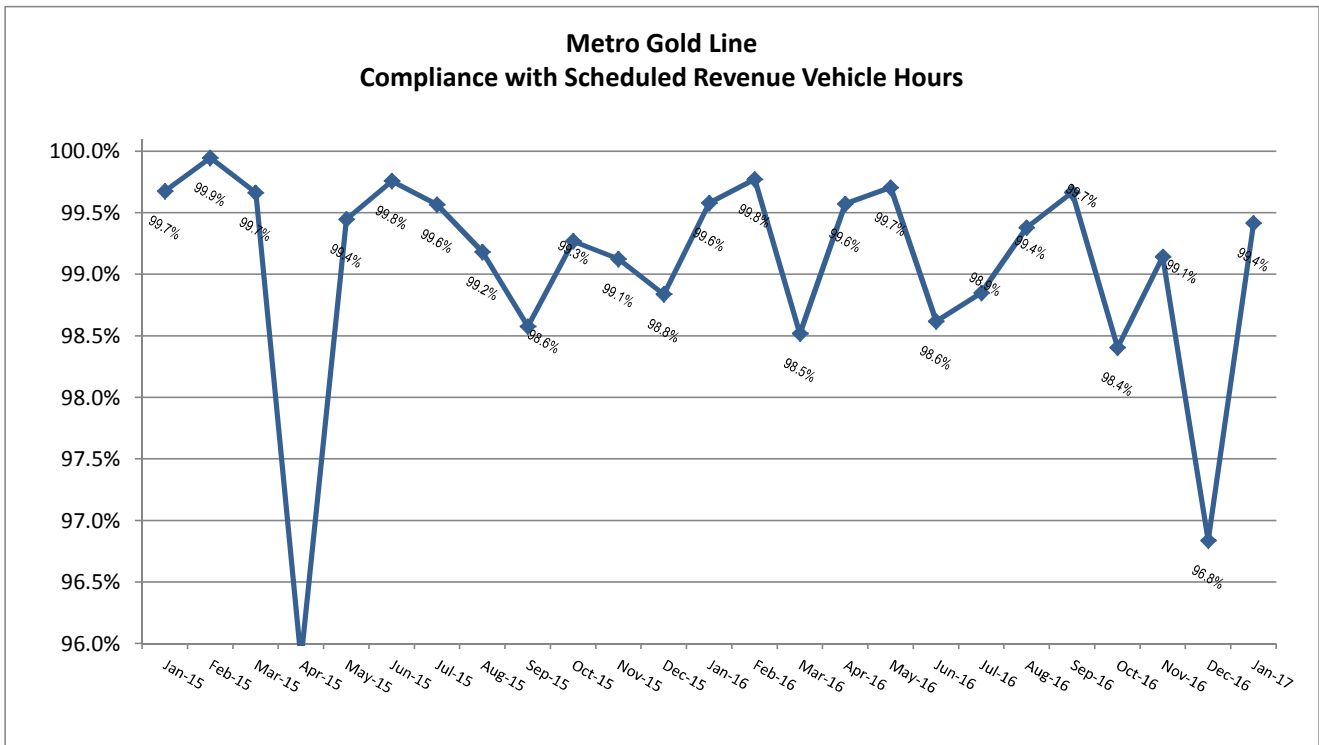
Radio: Receiver Failure

Transmitter

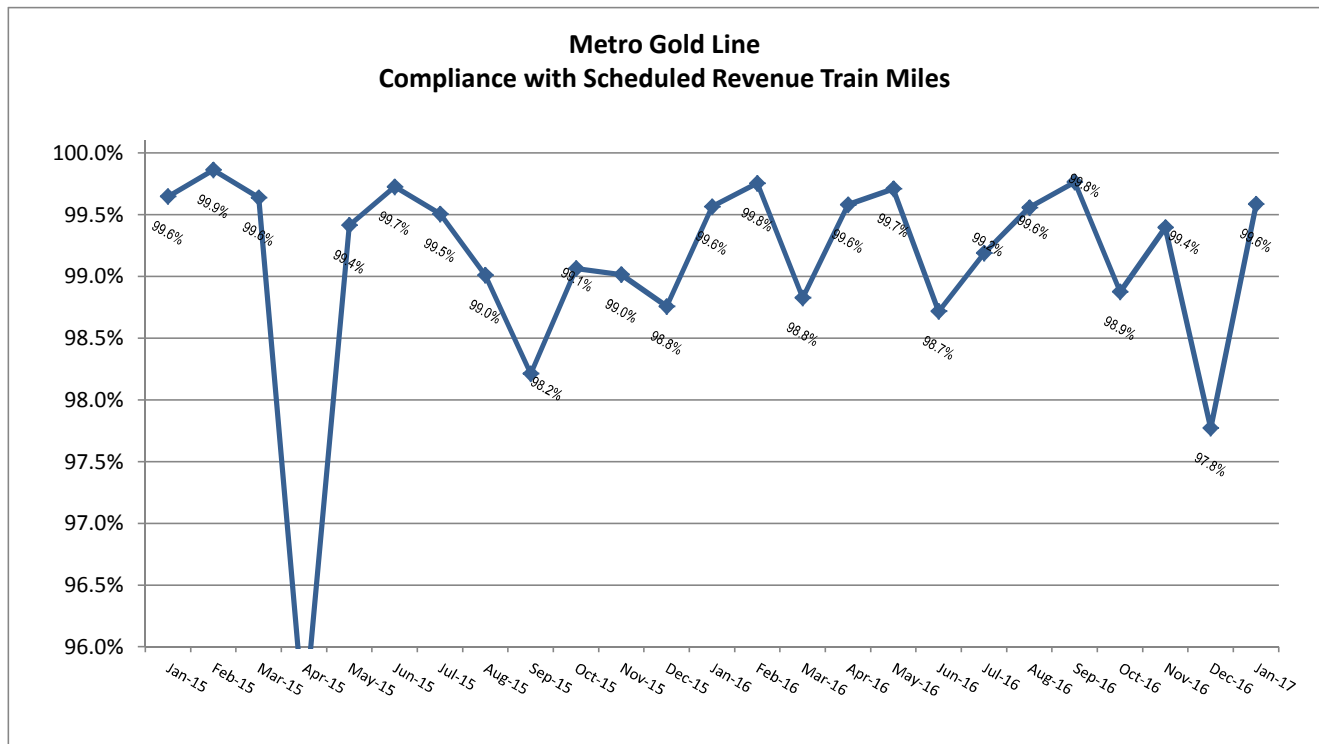
Foothill side

MEASURES OF THE OVERALL SERVICE IMPACT OF RAIL INCIDENTS

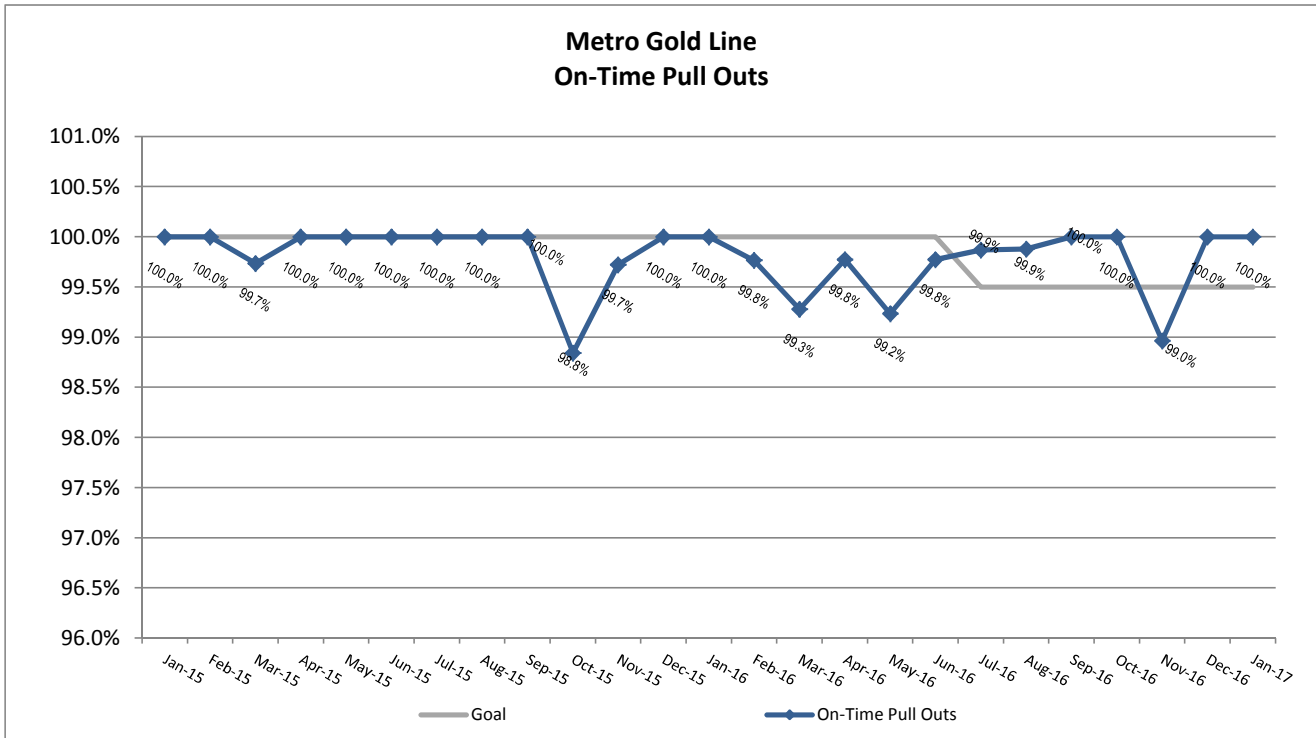
COMPLIANCE WITH SCHEDULED VEHICLE HOURS CHART



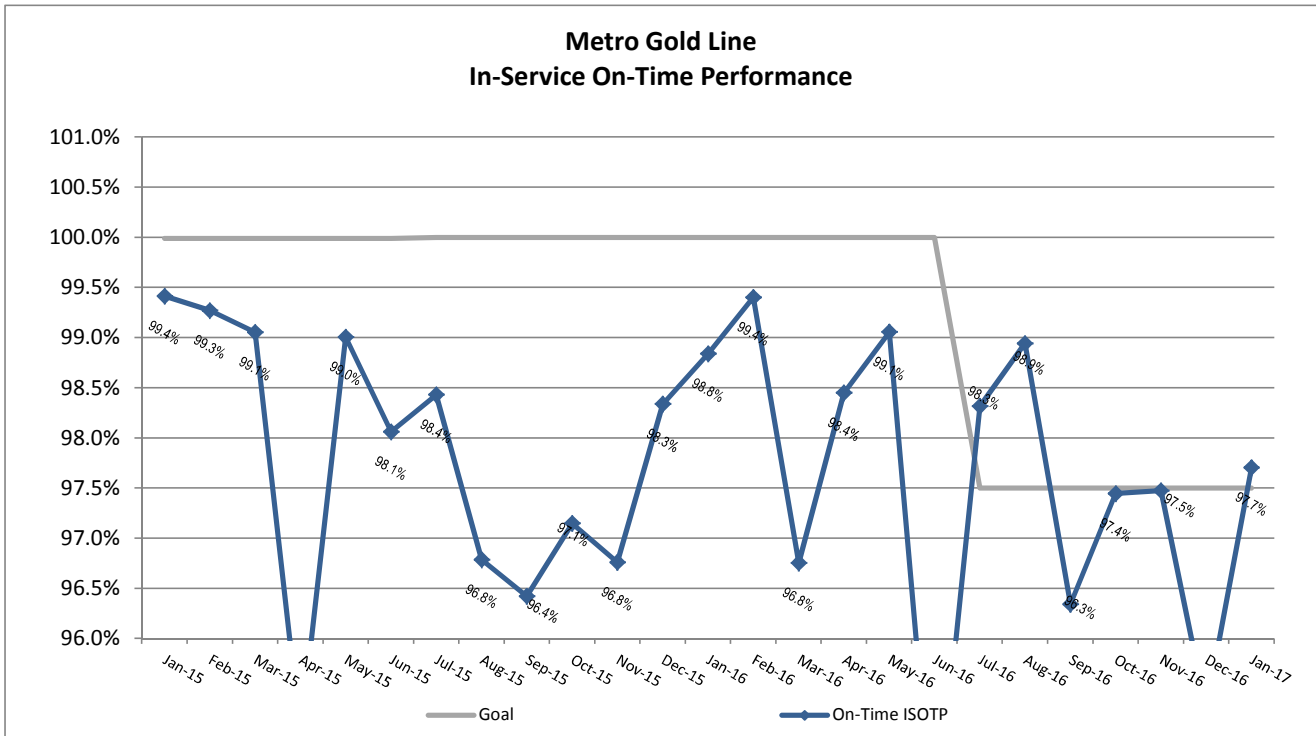
COMPLIANCE WITH SCHEDULED TRAIN MILES CHART



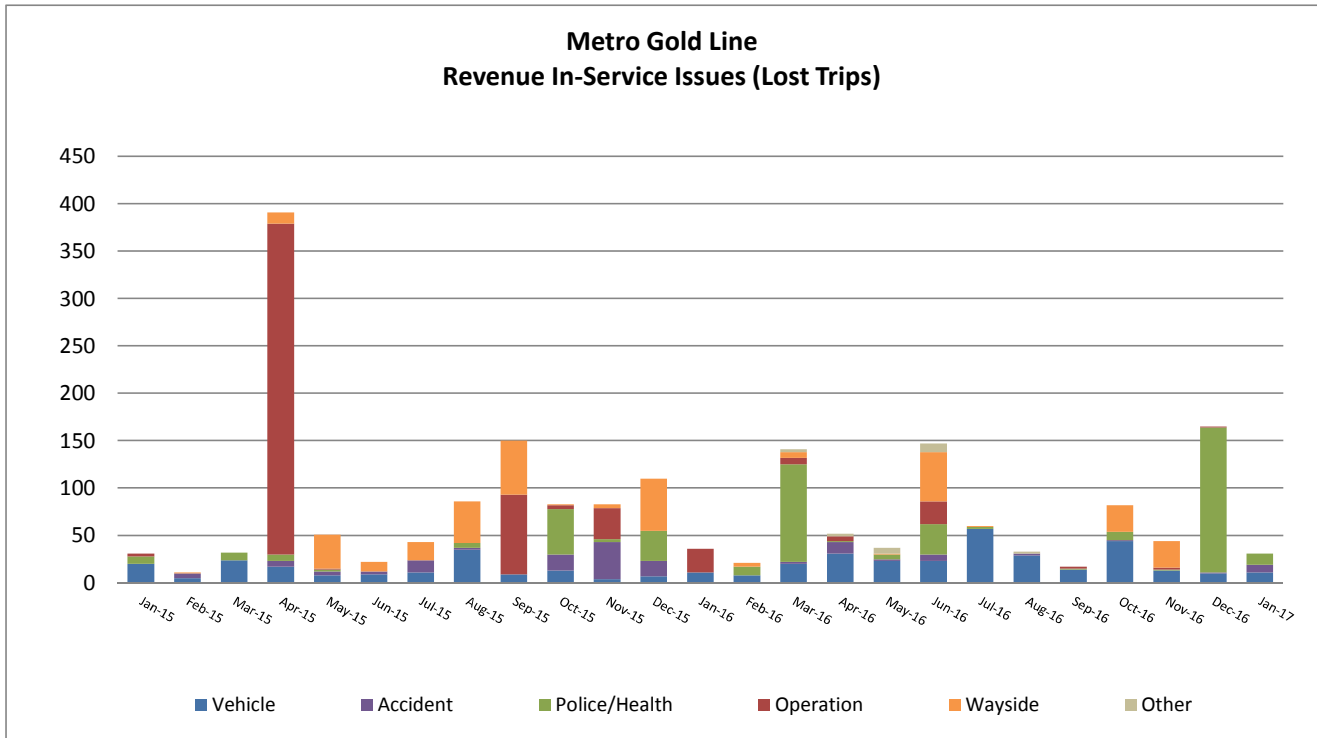
ON-TIME PULL OUTS CHART



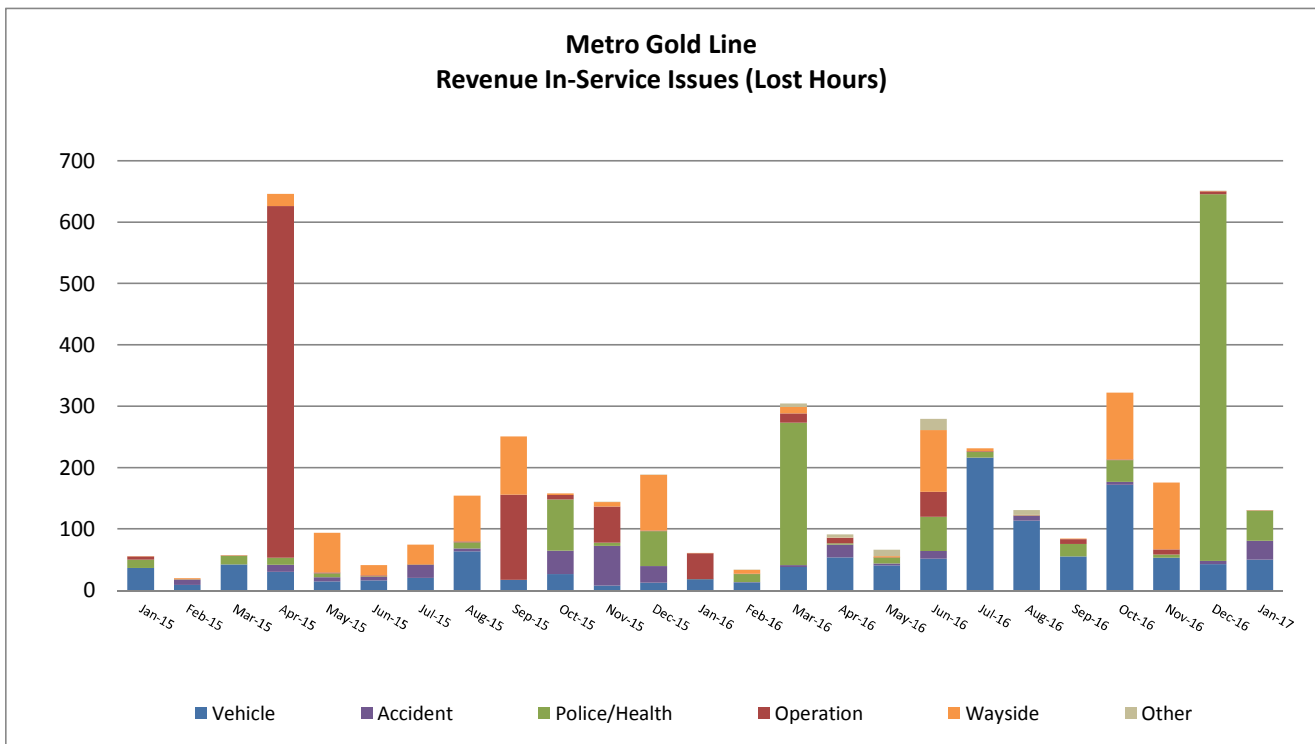
IN-SERVICE ON-TIME PERFORMANCE CHART



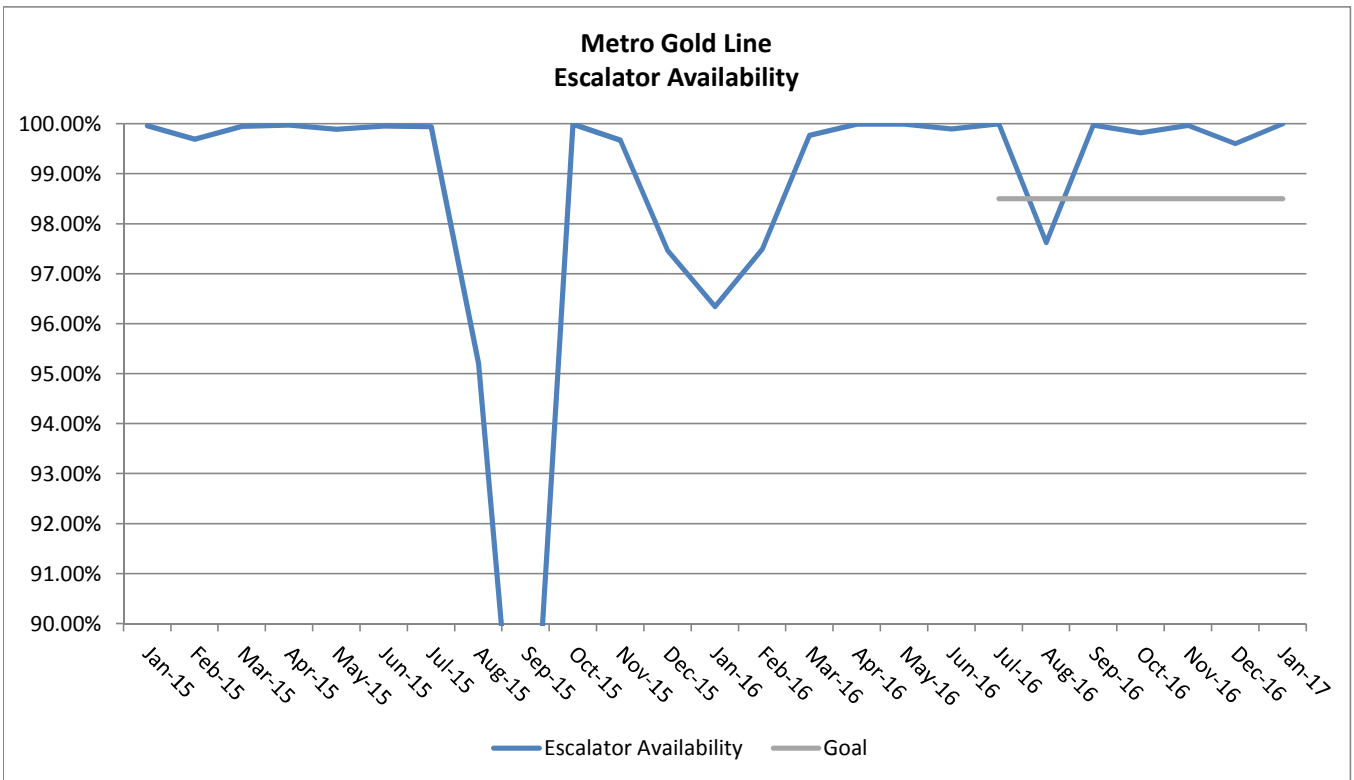
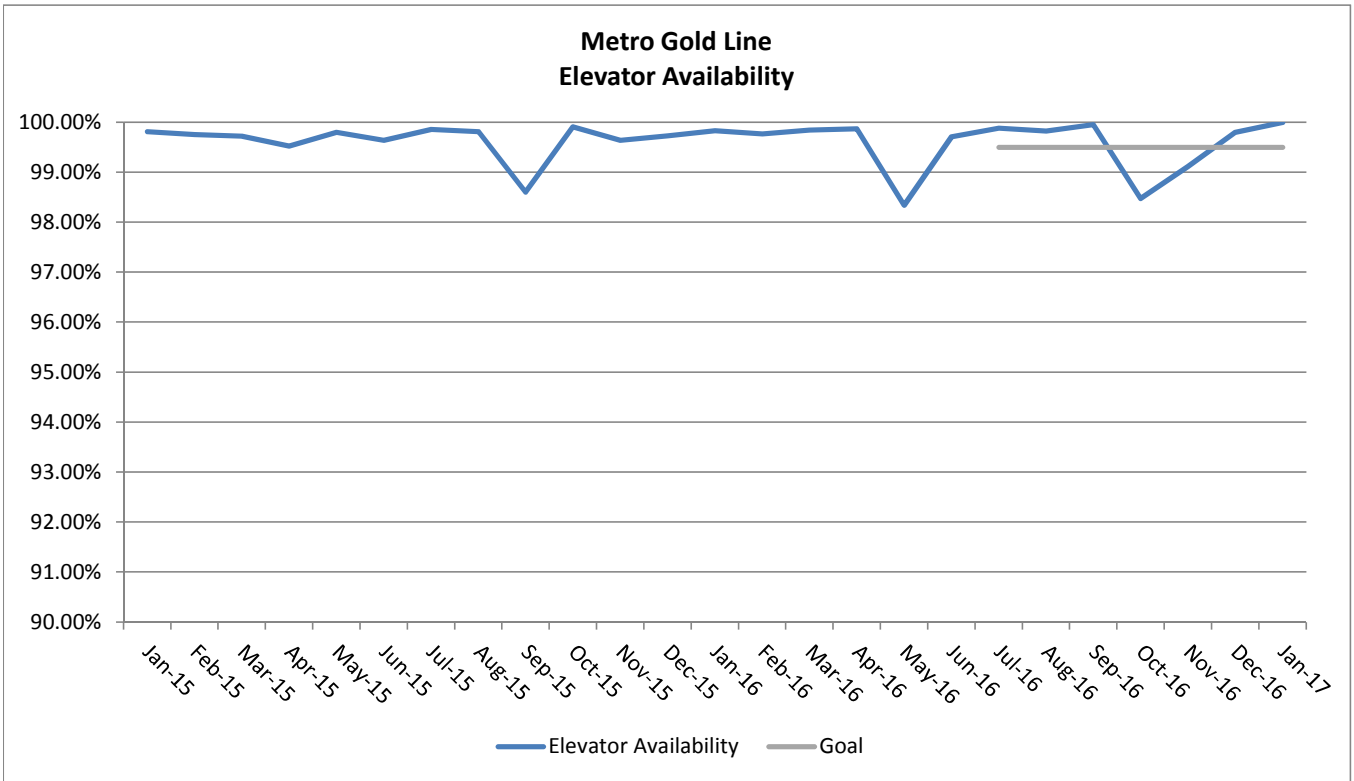
LOST TRIPS



LOST HOURS



VERTICAL TRANSPORTATION AVAILABILITY



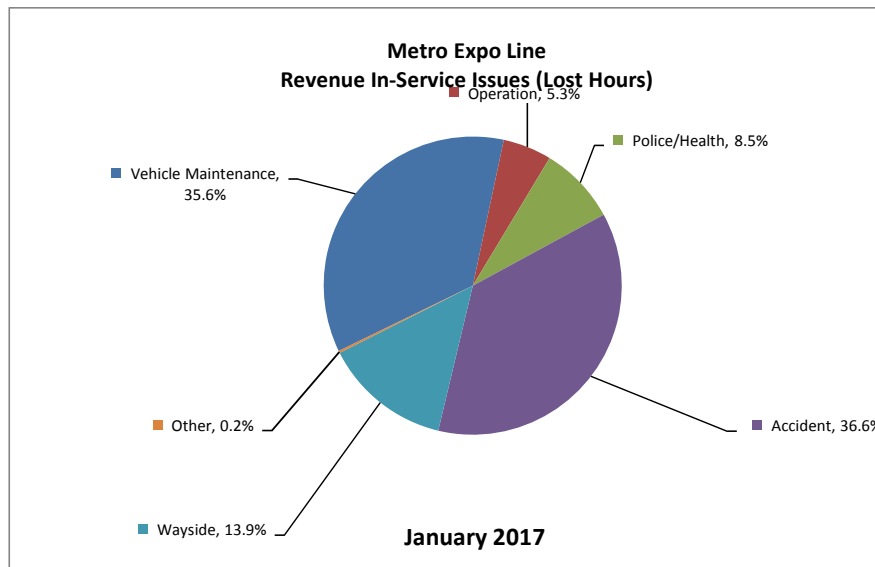
EXPO LINE

Out of a total of 19,577 hours operated, there were approximately 58 total hours of service delays.

January 2017 Service Hours *	Revenue	
	Hours	Per Cent
Revenue Hours without Delays	19,519	99.7%
Cancelled + Delayed Hours	58	0.3%
Total Revenue Hours	19,577	100.0%

Summary of the major contributors:	Count	Hours	Per Cent
Operations	6	3.1	5.3%
Accidents	1	21.2	36.6%
Vehicle Maintenance	16	20.5	35.6%
Wayside	2	8.0	13.9%
Police & Health	6	4.9	8.5%
Other	1	0.1	0.2%
Total	32	57.8	100.0%

* Data from M3 used to report Service Delays is under review for accuracy



January 2017 Expo Line major delay contributors were as follows:

Operations Incidents:

1/1/2017 1:15:00 PM - Incident# 2820251 (0 lost trips, 10 lost minutes)

Train delay
Train 906
T-532
(123)-147
Southbound, Track 4 at 7Th Ave.

1/4/2017 6:27:00 PM - Incident# 2819277 (0 lost trips, 12 lost minutes)

Train 605 turned back from 26th Street Station due to northbound delay.

1/5/2017 6:13:00 AM - Incident# 2819530 (1 lost trip, 119 lost minutes)

Train pulled out 18 minutes late
train 617 car #1030-1014 T-069
southbound to Santa Monica.

1/18/2017 3:59:00 PM - Incident# 2824399 (0 lost trips, 6 lost minutes)

Near Miss
Train 625
T-252
(1037A)-1049
Northbound, Track 3 Adams Crossing.

1/21/2017 8:48:00 AM - Incident# 2825538 (0 lost trips, 26 lost minutes)

Train Delay (Pink Letter M-106 Million Women March)
Trains entering and exiting the Stations
Passengers holding doors for extended period of times.

1/27/2017 5:42:00 PM - Incident# 2828137 (0 lost trips, 10 lost minutes)

All trains on Expo are running ten plus minutes late due to holding trains at Culver City Southbound.

Accidents:

1/8/2017 11:00:00 AM - Incident# 2820407 (9 lost trips, 1,269 lost minutes)

Train Operator T-89 reports Vehicle made left turn in front of the train and made contact at 7Th st and Colorado st Intersection.
Operating car 1042A with 1014 and 1048. After the collision motorist left the scene.

Vehicle Maintenance Incidents:

1/1/2017 1:43:00 AM - Incident# 2818182 (0 lost trips, 12 lost minutes)

Operator reports the consist just stopped, no indications.

Cars 1049, 1051, 1044
Train 609
T-533
Portal TRK 2, southbound

1/2/2017 11:01:00 PM - Incident# 2818476 (0 lost trips, 20 lost minutes)

No movement
Train 604
Track # 7th/Metro Center
T-532
(1026)-1024-1031

1/6/2017 6:40:00 AM - Incident# 2819990 (1 lost trip, 129 lost minutes)

Propulsion / Dynamic Brakes, Speed Restriction, No Movement

(121)-115
Train 617
T-369
26th Street Station, Southbound, Track 3

1/6/2017 7:18:00 AM - Incident# 2820112 (0 lost trips, 18 lost minutes)

Train 618 reports no movement south of Culver City station on track 3, northbound.

Train 618
T- 405
LRV'S 236-250
Culver City Station, Track 3, Northbound.

1/9/2017 7:07:00 AM - Incident# 2820664 (2 lost trips, 252 lost minutes)

HSCB Trip
(132A)-114
Train 619
T-29
26th Street, Northbound, Track 3

1/11/2017 5:44:00 PM - Incident# 2821874 (0 lost trips, 6 lost minutes)

Doors, (236-250)
Train #607
T-243
Western Station, Track #004, Southbound

1/12/2017 4:23:00 PM - Incident# 2822352 (2 lost trips, 247 lost minutes)

T-486
Train-624
Cars(102A)-103
Southbound, Track #4
Crenshaw Station
Doors unable to open, Mis-Aligned.

1/13/2017 4:46:00 PM - Incident# 2822782 (0 lost trips, 5 lost minutes)

Train 125 reporting doors not opening on the trailing car at La Cienega Station and Culver City Station.
Train 125
T-126
LRV's 249 (301)
La Cienega Station, track 4, Southbound.

1/18/2017 9:09:00 AM - Incident# 2824223 (0 lost trips, 13 lost minutes)

Propulsion / Dynamic Brakes
(144A)-125
Train 619
T-362
Bundy, Track 3, Northbound,

1/18/2017 6:19:00 PM - Incident# 2824460 (0 lost trips, 6 lost minutes)

Propulsion / Dynamic Brakes
Train 628
T-373
(246A)-229
Northbound, Track 3 Westwood station.

1/20/2017 9:03:00 AM - Incident# 2825126 (1 lost trip, 129 lost minutes)

MA Low on car 132A
T-162, train 612
(132A)-133
Western, track 3, north

1/22/2017 11:50:00 AM - Incident# 2825777 (0 lost trips, 7 lost minutes)

Friction brake fault
Train 607
Cars: (115b)-121-155
T-226
Metro Center, southbound, tailtrack 1

1/23/2017 5:35:00 PM - Incident# 2826368 (1 lost trip, 119 lost minutes)

Train operator reports flats on train.
(1031B)-(1051C)
Farmdale, Track 4, South

1/23/2017 7:10:00 PM - Incident# 2826395 (1 lost trip, 128 lost minutes)

Door Problem
Train #603, T-455
231B-235
SB, Bundy Station, Track #4

1/24/2017 12:26:00 AM - Incident# 2826440 (1 lost trip, 119 lost minutes)

Propulsion Fault
Train 621
T-375
(1046)-1030
26th St N/B Track 3
27 minute delay

1/25/2017 5:57:00 AM - Incident# 2826929 (0 lost trips, 22 lost minutes)

Friction Brakes LRV 229A
T-514
Train 612
LRV (229A) 235
Degnan Interlocking, Track 4, southbound.

Wayside Incidents:

1/25/2017 3:54:00 PM - Incident# 2827189 (4 lost trips, 475 lost minutes)

Train delay due to signaling problem at Venice interlocking.

1/29/2017 6:14:00 PM - Incident# 2828562 (0 lost trips, 5 lost minutes)

OCS: Section Insulator Damage just South of Washington and Flower on track 3.

Police & Health Incidents:

1/9/2017 2:45:00 PM - Incident# 2820837 (0 lost trips, 10 lost minutes)

Passenger making threats to commit suicide.
Train #605.
T-354.
LRV- (249), 229.
17th Street Station, Track #3, Northbound.

1/11/2017 4:16:00 PM - Incident# 2821841 (0 lost trips, 8 lost minutes)

Felony/Misdemeanor, Santa Monica Police chasing suspects, cars #1018-1021
Train #620
T-097
17th Street, Track #003, Northbound.

1/16/2017 11:13:00 PM - Incident# 2823567 (0 lost trips, 9 lost minutes)

Altercations aboard trains
Train #621, T-375
142A-132
NB, 7th and Metro Center Station, Track #2

1/19/2017 3:46:00 AM - Incident# 2824549 (0 lost trips, 11 lost minutes)

MS-154 reports of disabled vehicle track 4 at Exposition and Rodeo.

1/19/2017 11:38:00 PM - Incident# 2824954 (0 lost trips, 6 lost minutes)

Train 627
T-380
(1028)-1051
Northbound, Track 3 at La Cienega station.

1/25/2017 9:18:00 PM - Incident# 2827259 (2 lost trips, 250 lost minutes)

Patron falls on train at 26th Street Station.
Camille Harper
171 Pier Ave. Rm 388
Santa Monica, Ca. 90405
(424)-221-6117
SMFD
Engine #3
RA #3
Trannsported to Santa Monica Hospital

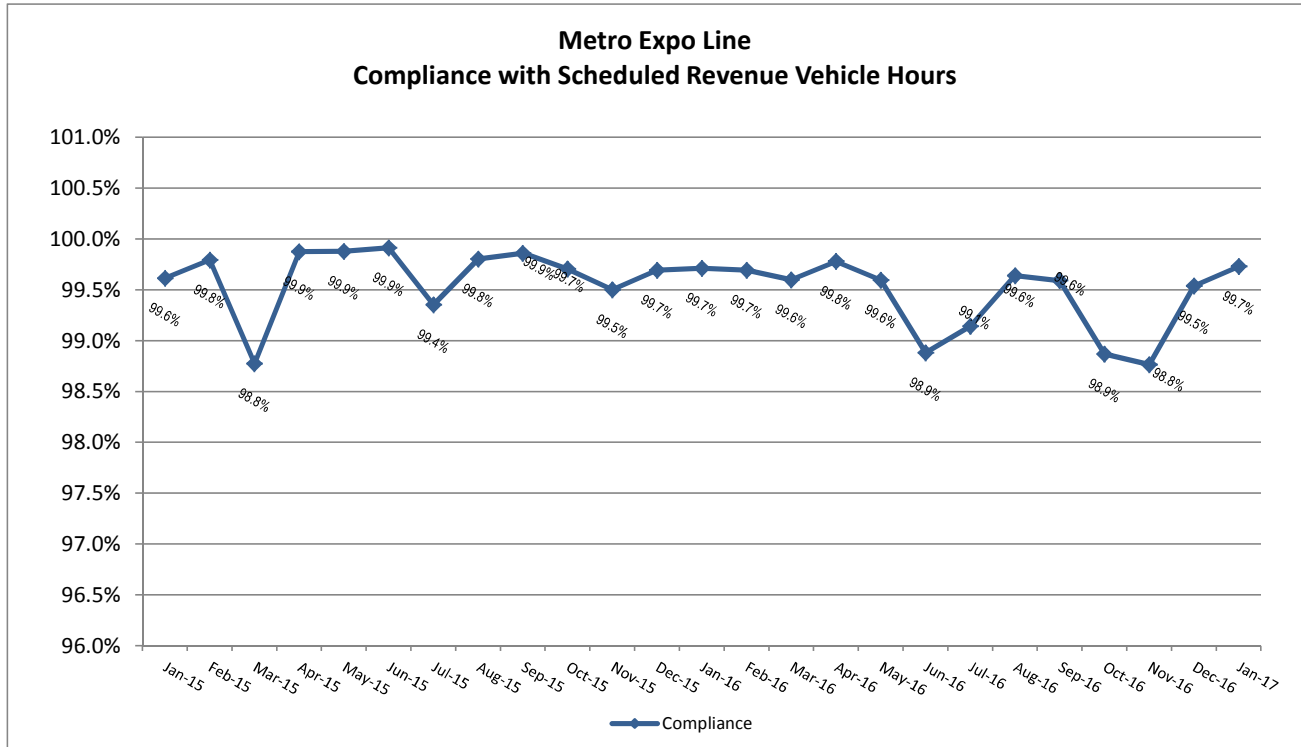
Other Incidents:

1/12/2017 6:50:00 AM - Incident# 2822061 (0 lost trips, 8 lost minutes)

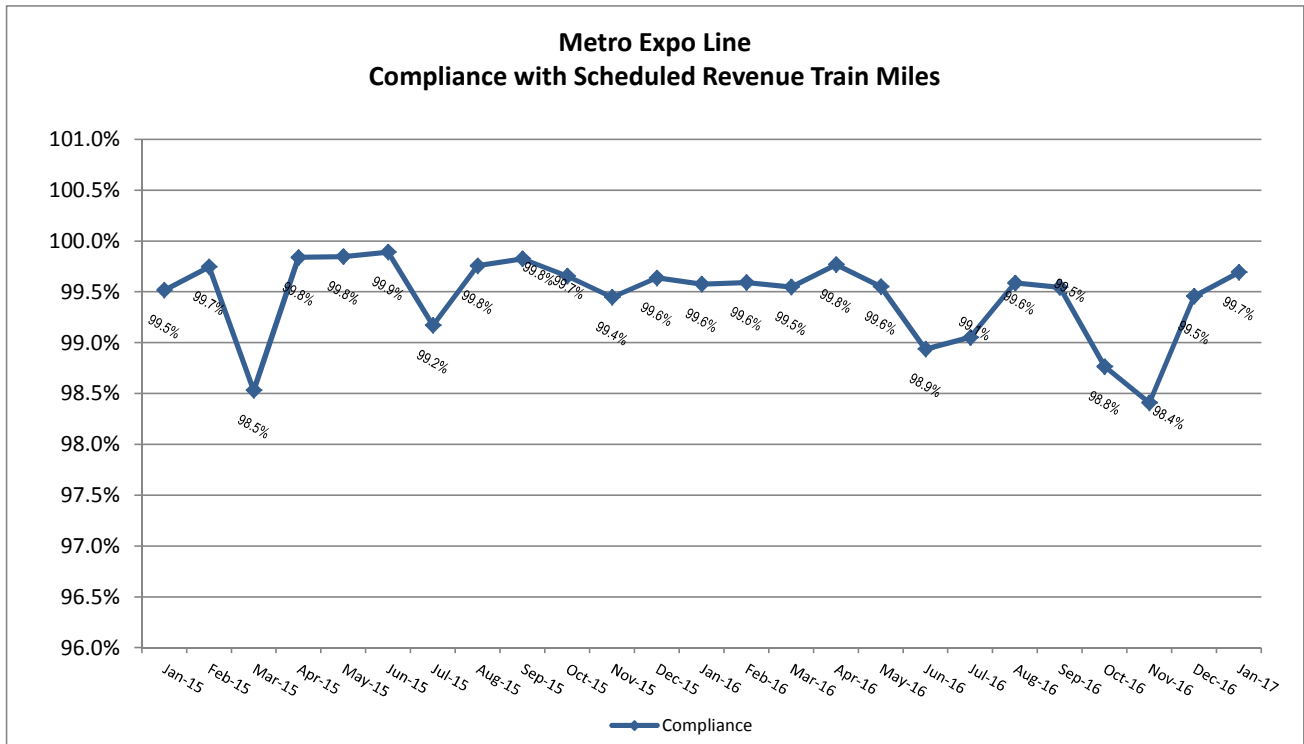
No equipment for last pull out
Train 609
T-412
Expo Yard
Bumped the line at Santa Monica

MEASURES OF THE OVERALL SERVICE IMPACT OF RAIL INCIDENTS

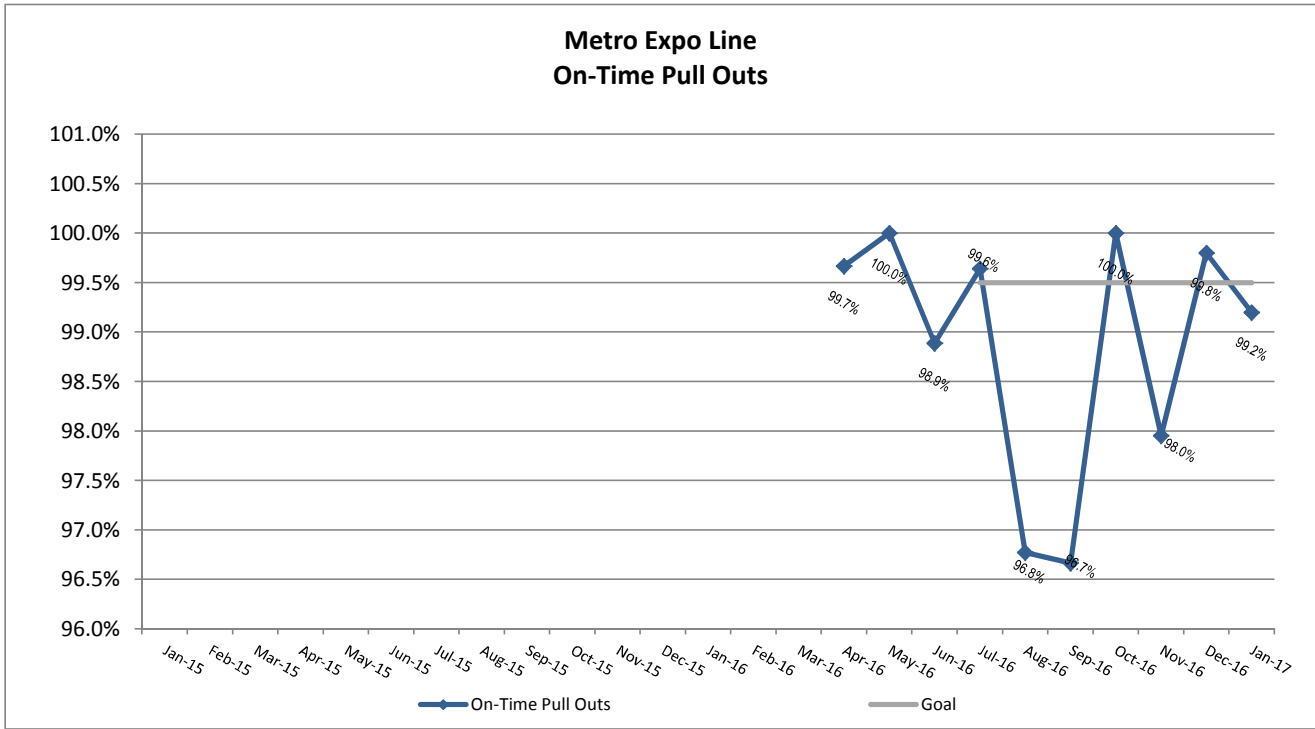
COMPLIANCE WITH SCHEDULED VEHICLE HOURS CHART



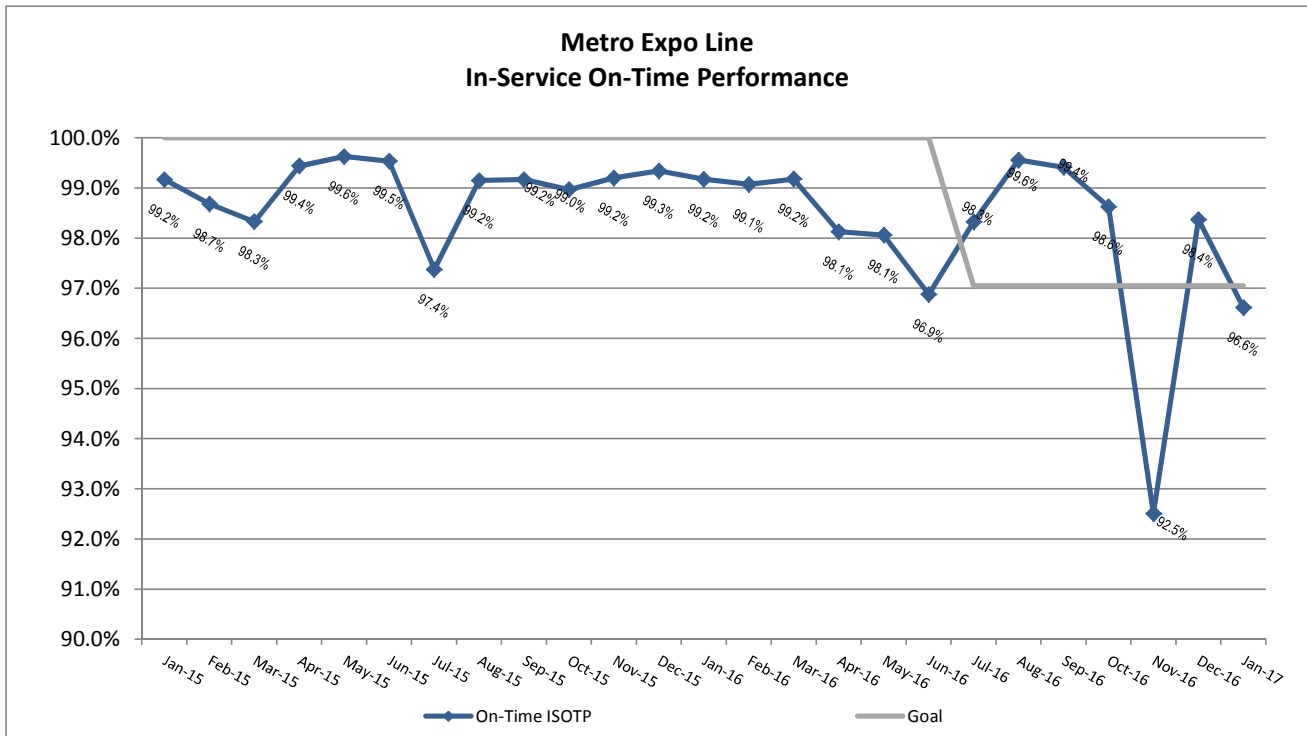
COMPLIANCE WITH SCHEDULED TRAIN MILES CHART



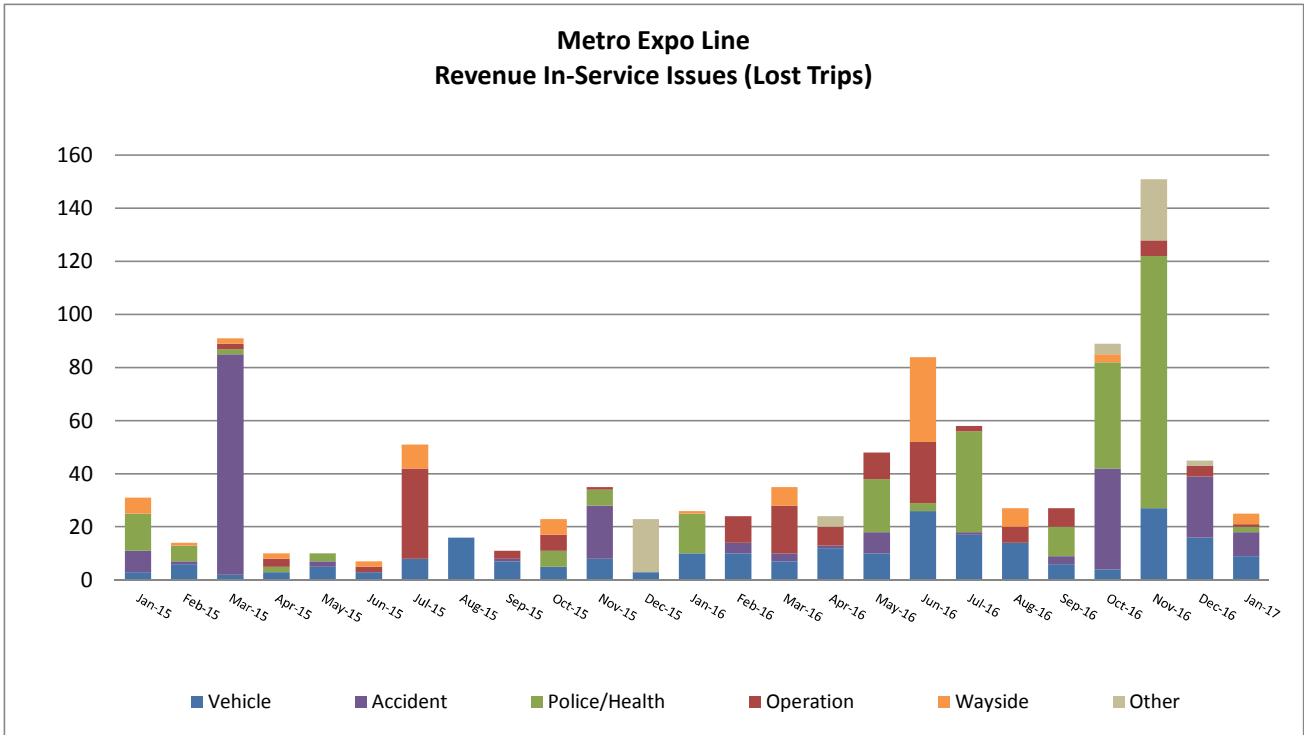
ON-TIME PULL OUTS CHART



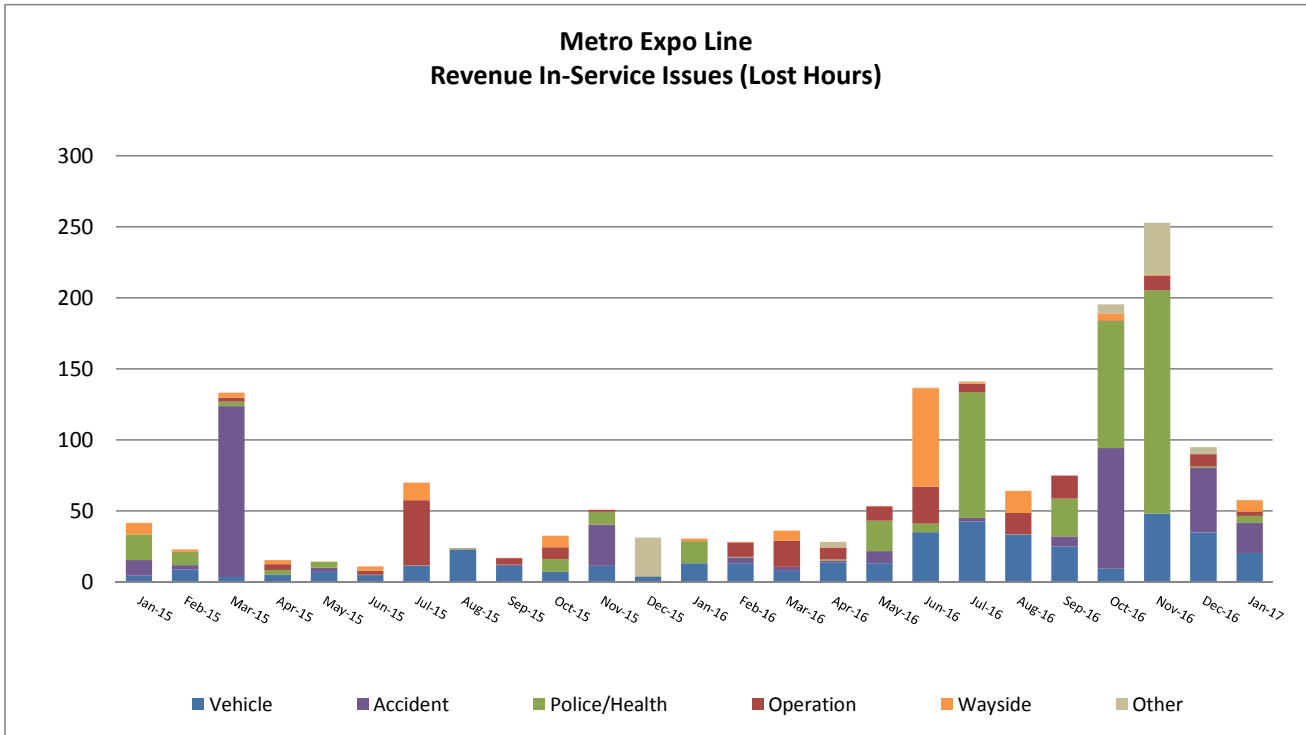
IN-SERVICE ON-TIME PERFORMANCE CHART



LOST TRIPS



LOST HOURS



VERTICAL TRANSPORTATION AVAILABILITY

