

METRO RAIL PERFORMANCE FY16 – MARCH 2016

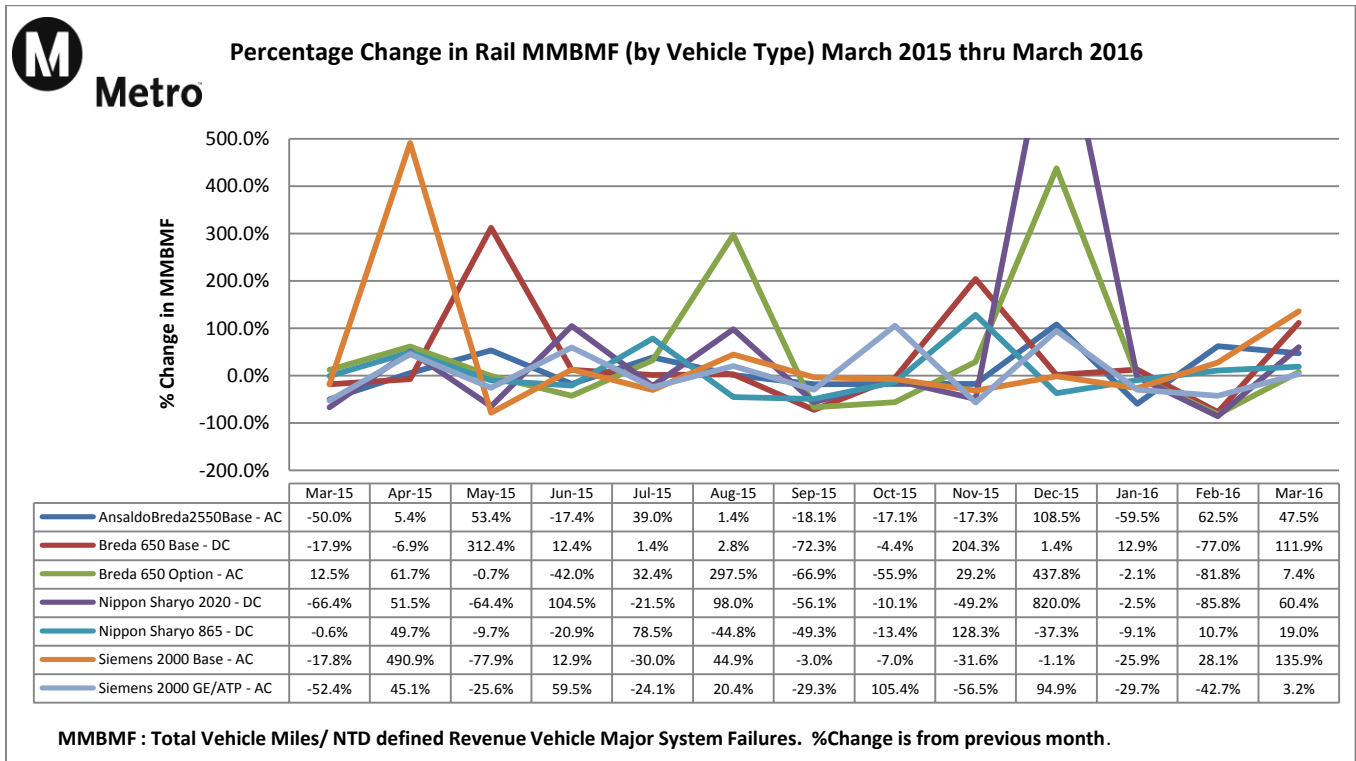
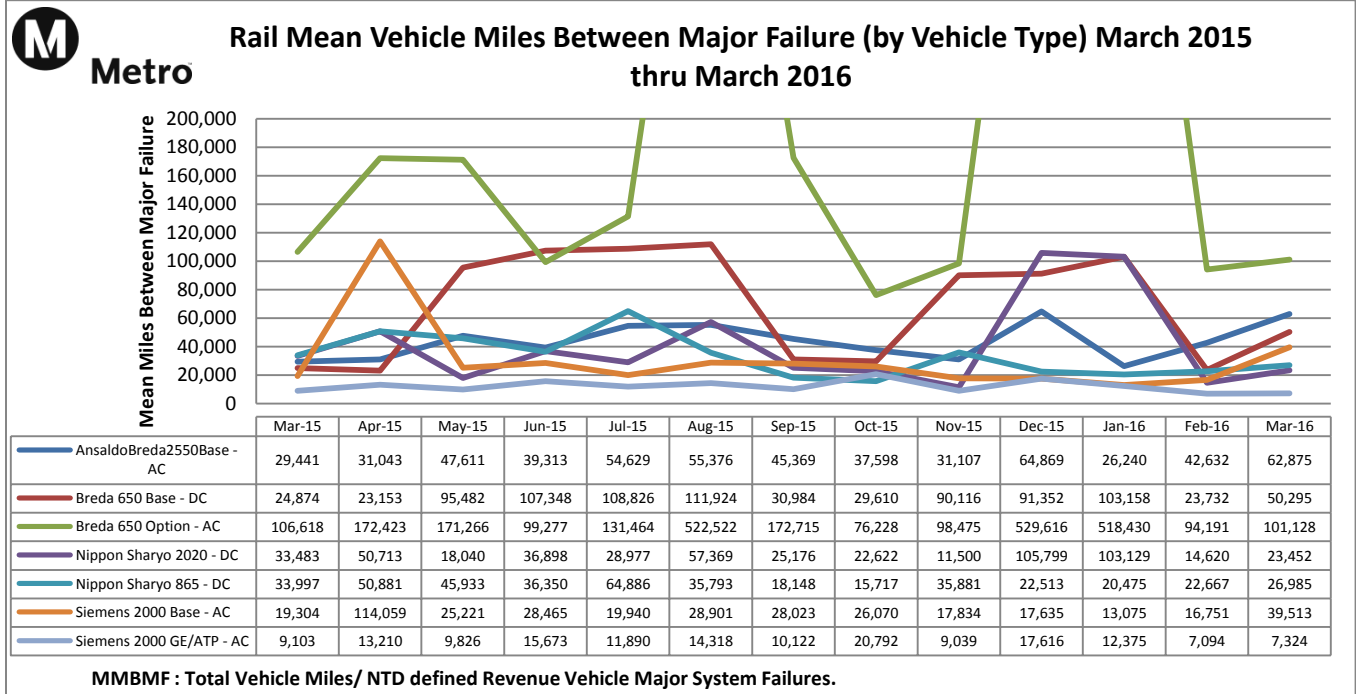


METRO RAIL PERFORMANCE – FY16 –MARCH 2016

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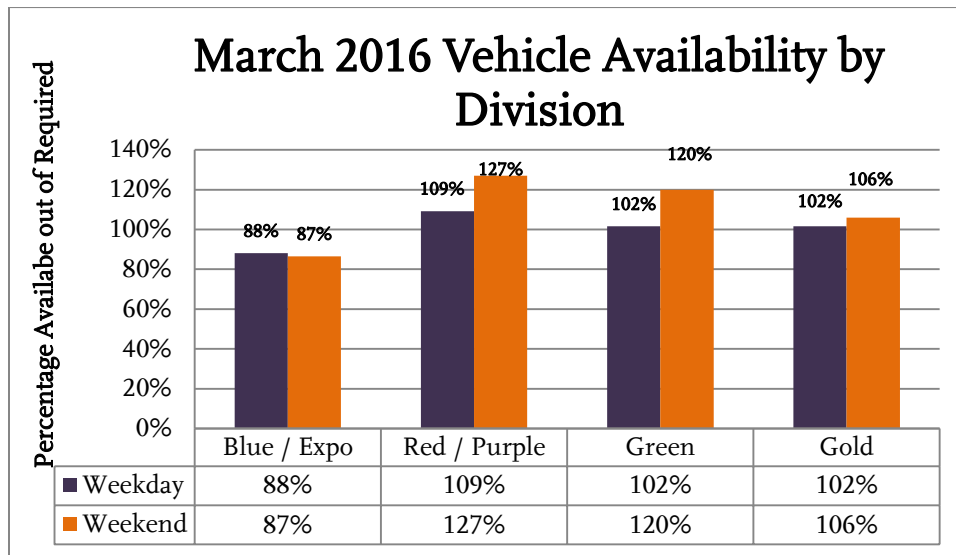
METRO RAIL PERFORMANCE – FY16 –MARCH 2016

RAIL PERFORMANCE SYSTEMWIDE



Number of Rail Vehicle Type by Division	<u>RED/ PURPLE</u>	<u>BLUE/ EXPO</u>	<u>GREEN</u>	<u>GOLD</u>
AnsaldoBreda2550Base - AC				50
Breda 650 Base - DC	30			
Breda 650 Option - AC	74			
Nippon Sharyo 2020 - DC		15		
Nippon Sharyo 865 - DC		54		
Siemens 2000 Base - AC			29	
Siemens 2000 GE/ATP - AC		23		
TOTALS	104	92	29	50

VEHICLE AVAILABILITY SYSTEMWIDE

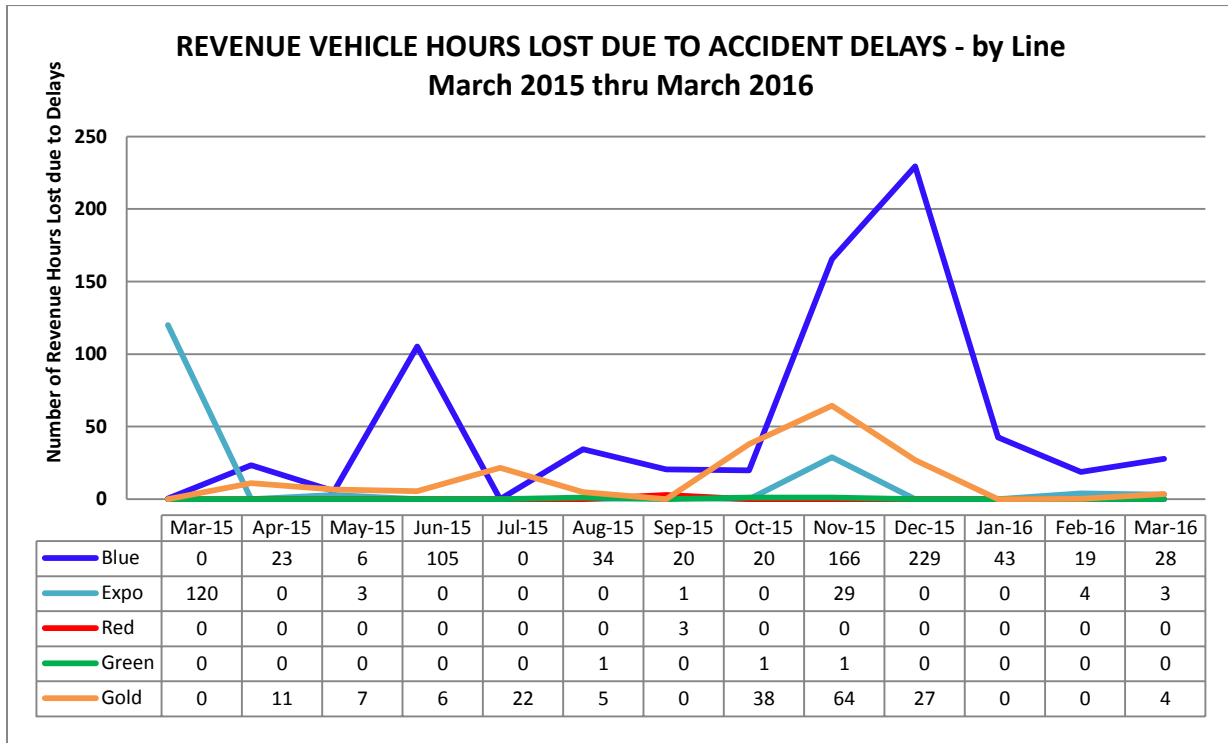


MARCH 2016 VEHICLE AVAILABILITY

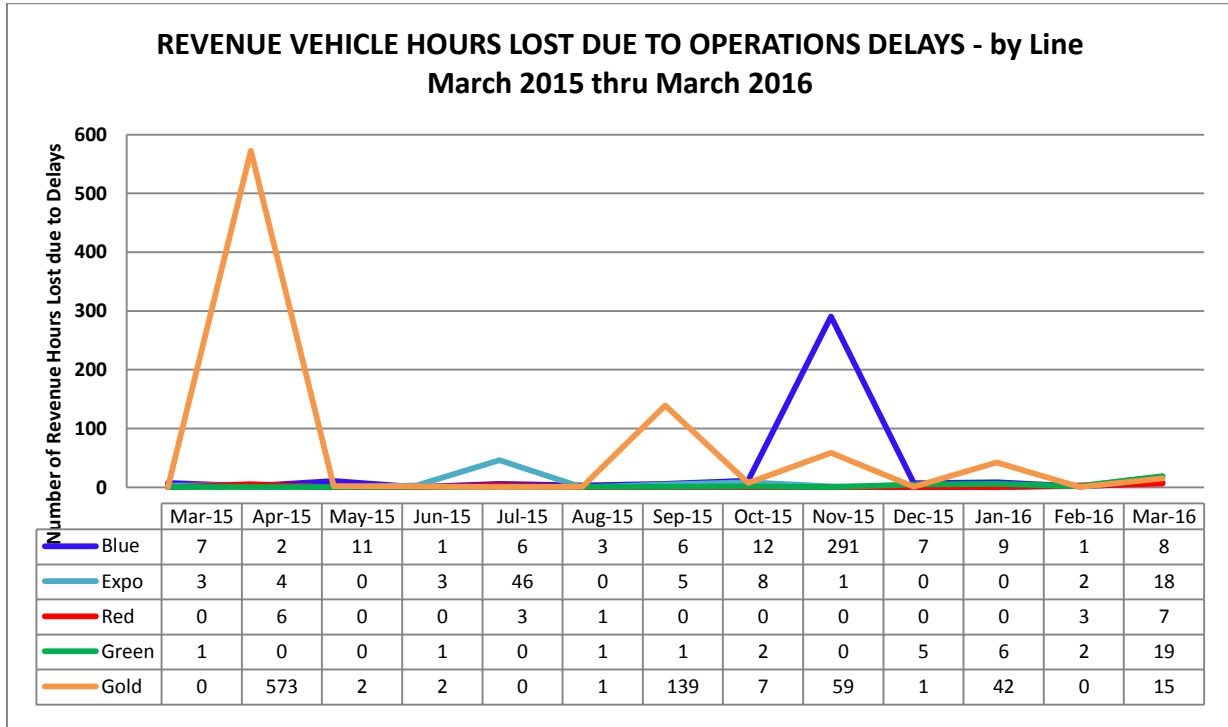
Blue/ Expo			
Pullout Type	Vehicles Required	Average Available	Average % Available
Weekday	78	69	88%
Weekend	60	52	87%
Red/ Purple			
Pullout Type	Vehicles Required	Average Available	Average % Available
Weekday	74	81	109%
Weekend	55	70	127%
Green			
Pullout Type	Vehicles Required	Average Available	Average % Available
Weekday	22	22	102%
Weekend	14	17	120%
Gold*			
Pullout Type	Vehicles Required	Average Available	Average % Available
Weekday	48	49	102%
Weekend	39	41	106%

*Gold line Availability data not available from M3 data provided by Rail Fleet Services

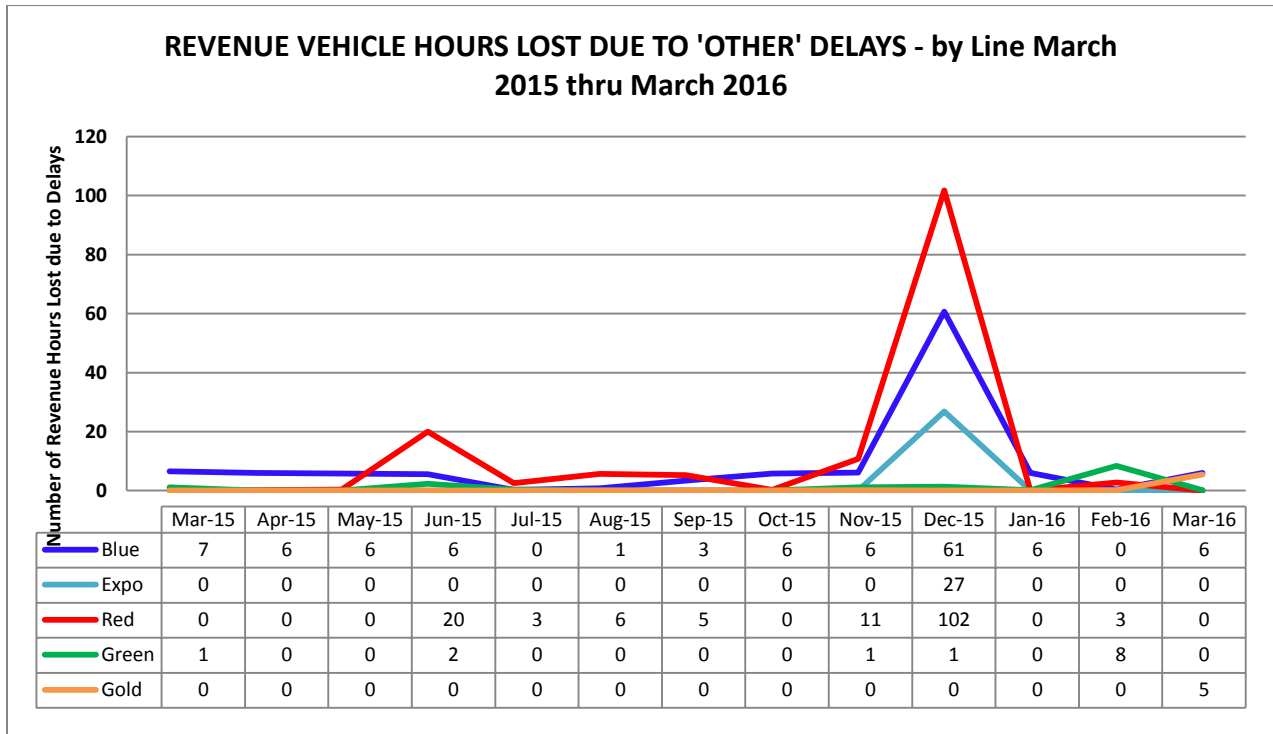
**RAIL DELAYS BY CATEGORY – SYSTEMWIDE
REVENUE HOURS LOST RELATED TO – ACCIDENTS**



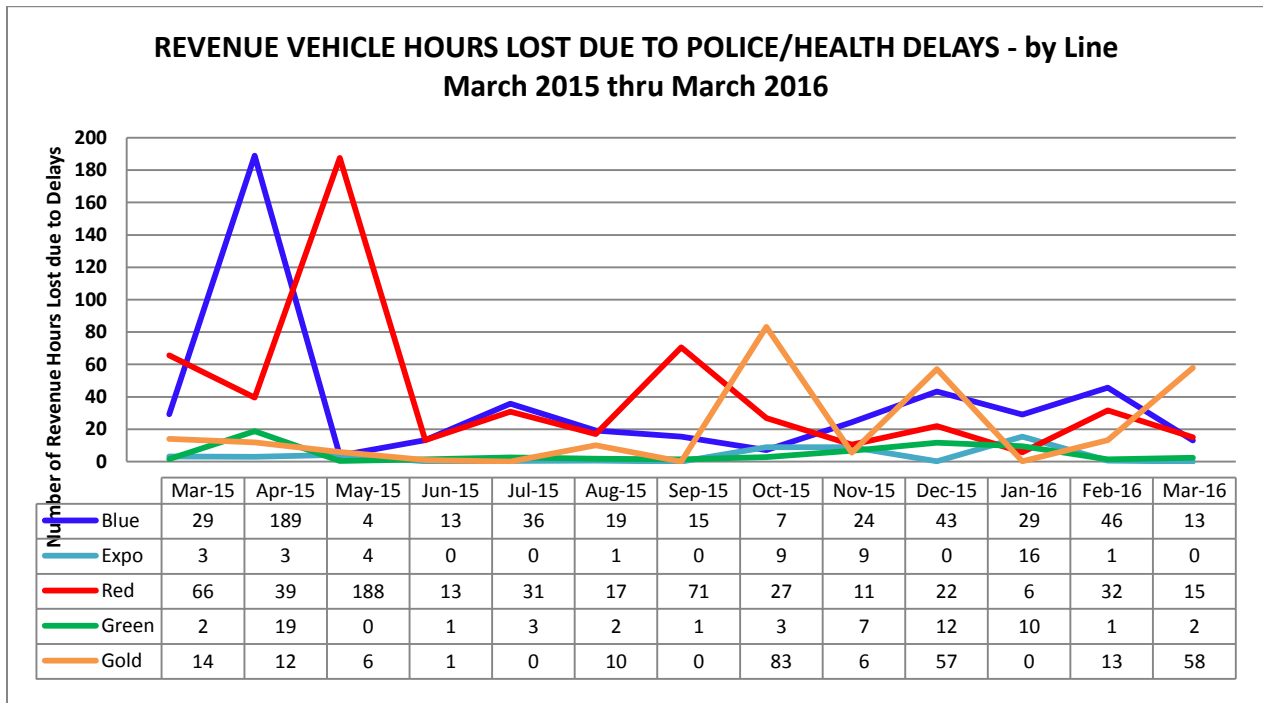
REVENUE HOURS LOST RELATED TO – OPERATIONS



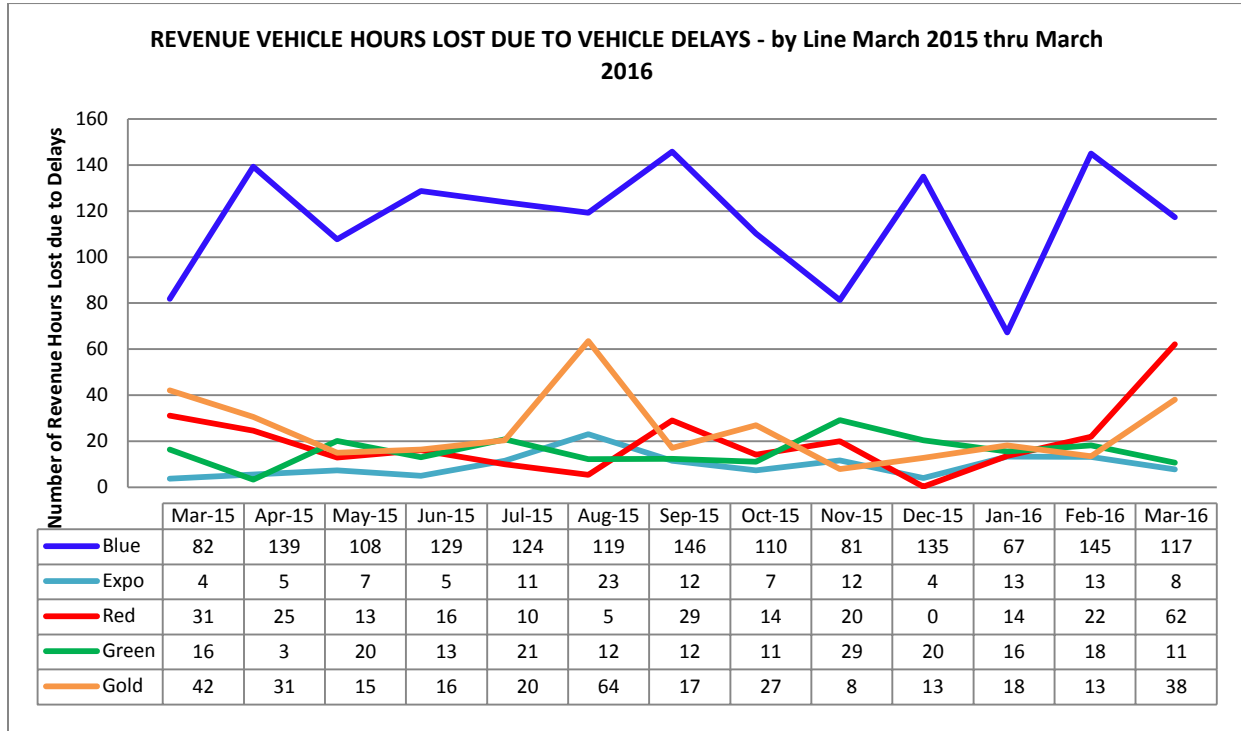
REVENUE HOURS LOST RELATED TO – OTHER



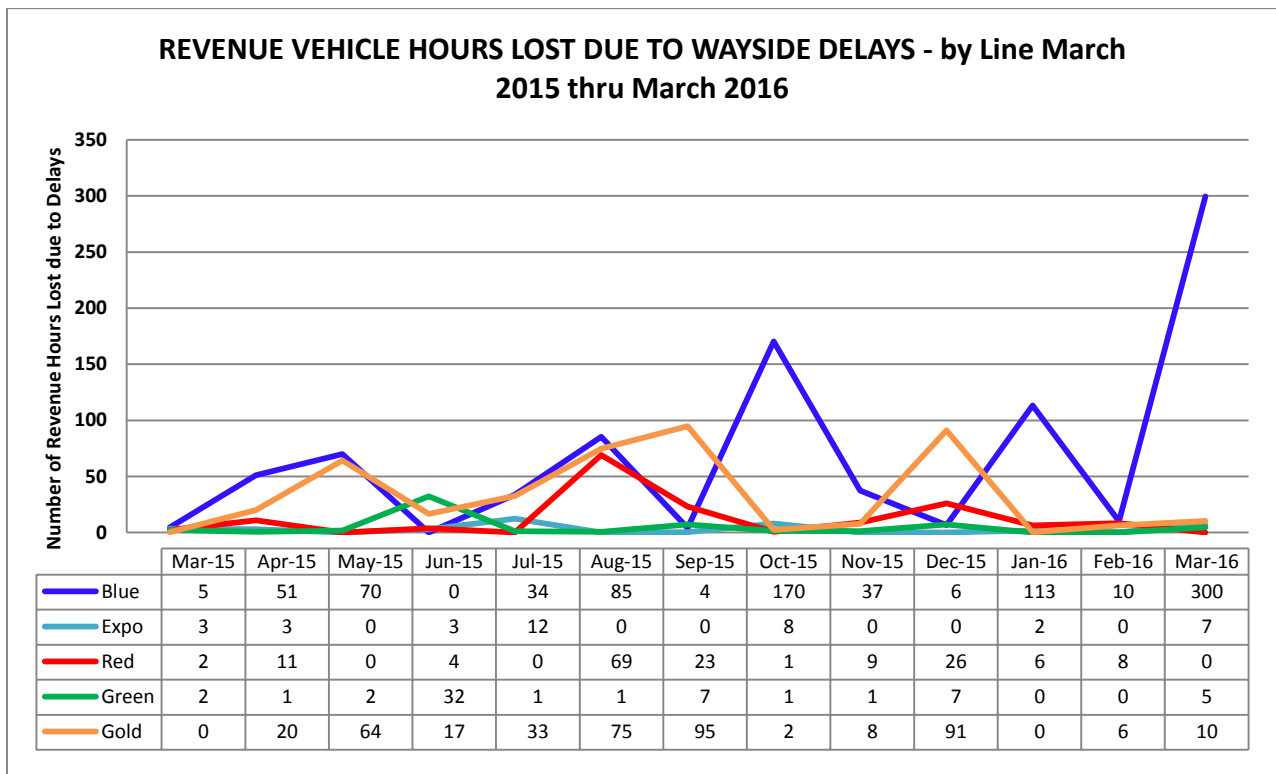
REVENUE HOURS LOST RELATED TO – POLICE & HEALTH



REVENUE HOURS LOST RELATED TO – VEHICLE



REVENUE HOURS LOST RELATED TO – WAYSIDE



RAIL PERFORMANCE BY LINE
BLUE LINE

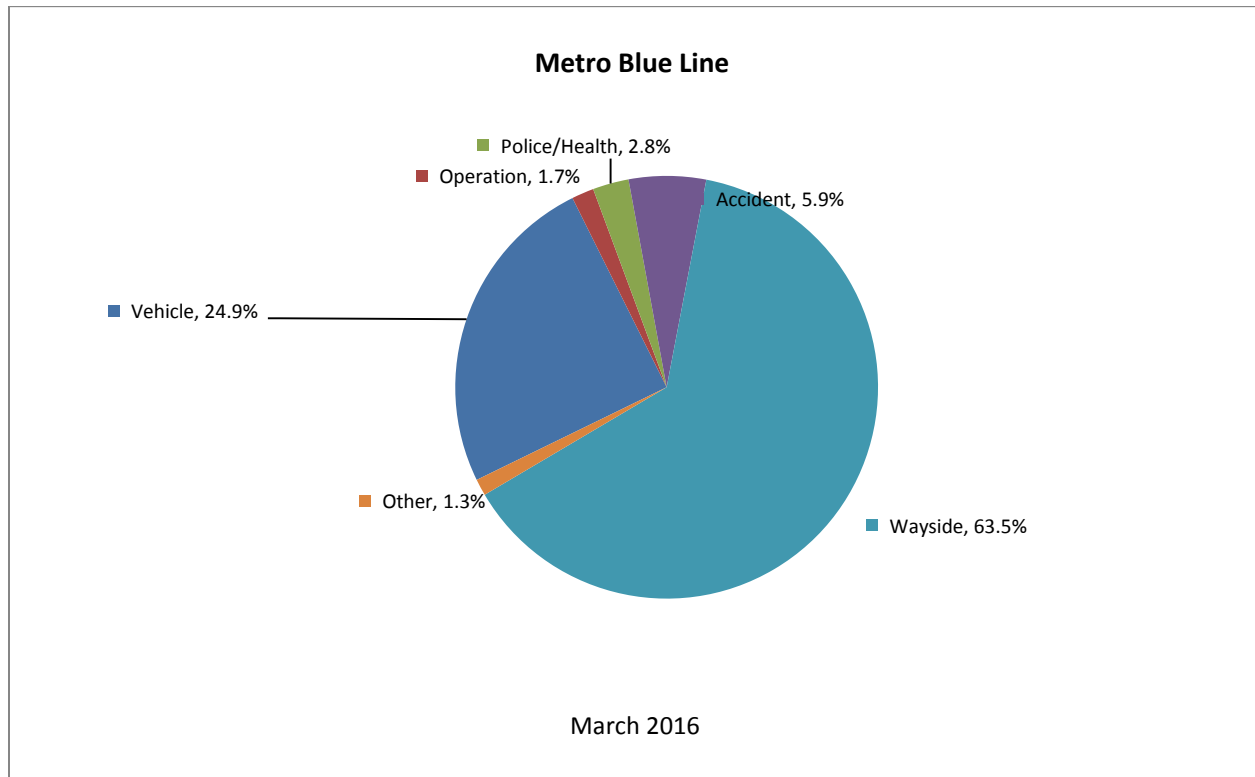
Out of a total of 20,586 hours operated, there were approximately 472 total hours of service delays.

March 2016 Service Hours:

Revenue Hours without Delays	20,115	97.7%
Hours Delayed	472	2.3%
Total Revenue Hours	20,586	100%

Summary of the major contributors:

- Operations 8 hours 2 %
- Accidents 28 hours 6 %
- Vehicle 117 hours 25 %
- Wayside 300 hours 64 %
- Police & Health 13 hours 3 %
- Other 6 hours 1 %
- Total: 472 hours 100%**





March 2016 Blue Line major delay contributors were as follows:

Blue Line Police/Health:

03/23/16 Police/Health

Train 102 reported a near miss causing he/she to go into emergency braking to avoid the collision which caused no movement to the vehicle. Single tracking operations implemented. A Veh Tech cleared the fault. 1 trip canceled with a max delay of 27 mins.

03/14/16 Police/Health

Blue Line Train 106 missrouted at the Junction, controller error. Washington Interlocking was in auto, controller took over interlocking in central and missrouted train. Train was routed to 22nd street interlocking and turned back to the junction to take correct route. 20 mins max delay.

03/23/16 Police/Health

LASD reported a suspicious package at Artesia Station and halted trains from proceeding through the affected area. Turnback operations implemented from Compton and Del Amo. Artesia Station was released by LASD to resume regular service at 1755 hours. 8 trips canceled with a max delay of 50 mins.

03/4/16 Police/Health

Train 103 reported non MTA traffic accident south of PCH Station with blockade on track 2. Train 103 and 104 swapped passengers and operators at PCH and train 103 was reverse run from PCH to Transit Mall. The truck was removed from track at 1620 hrs. Normal operations resumed at 1630 hrs. 2 trips canceled with a max delay of 20 mins.

03/11/16 Police/Health

LASD requested train 115 to hold at Wardlow Station for investigation of, police activity. A report of person on board with a gun. At 1155 hrs, Train 115 was released for service. LASD took two into custody. 1 trip canceled with a max delay of 20 mins.

03/9/16 Police/Health

Train 116 reported a fight aboard train and on platform at the Artesia Station. Train held for LASD response. 20 mins max delay.

03/22/16 Police/Health

Train 111 reported an assault on board car 165 and patron requiring medical attention, LASD held the train suspect was taken into custody. 20 minute delay.



Blue Line Wayside:

03/15/16 Power

Southbound Train 142 reported OCS down on Track 2 at 92nd Street. Both Tracks were deenergized from the south end of Florence station to 103rd station. Trains 141, 130, 131, 142 were stranded in the affected area. Turn back operations implemented from Willowbrook and Florence. All available RTOSs and Signals threw the Switches at the Washington Interlocking. At approximately, 1849 hrs a TPSS was opened to sectionalize Florence Interlocking to implement single tracking from Florence Interlocking to Imperial Interlocking. Bus bridges were established to supplement service. At 0030 hours, OCS Repairs and OCS Train Testing were completed from Firestone Station to 103rd Station and normal operations resumed. 98 trips canceled with a max delay of 3 hrs and 17 mins due to no rail service from Washington to Imperial Stations.

03/22/16 Power

SCADA indicated a De-energization on both tracks between 108th street and Florence Stations. Train 110 struck between 103th street and Century Bl and Train 143 on 103th Street station. Turnback operations implemented train southbound at Florence station and Willowbrook northbound. Train 110 was evacuated (approximately 90) with the assistance of LASD At 2111 hrs, both trains raised their pantographs and proceeded at 10 mph sweep OCS for any damage. Normal operations resumed at 2114 hrs. 10 trips canceled with a max delay of 52 mins.

03/6/16 Power

SCADA indicated a Power failure between Washington & Vernon with Slauson's breakers opened as well. Control unable to close breakers. Turnback operations implemented. At 1552 hrs, power was restored power and all breakers between Washington and Slauson were closed. 3 trips canceled with a max delay of 24 mins.

03/30/16 Power

Train 101 and 124 affected on track 1 at San Pedro station due to open breaker (B02) no power, TP on scene power restored at 1553 hours. 20 mins max delay.

Blue Line Vehicle Maintenance:

03/7/16 Vehicle Maintenance

Train 126 reported a train versus auto at the Venice and Flower Southbound. Single Tracking operations and turnback operations implemented using the Venice Interlocking. LAPD released Train 126 at 1748 hrs. The train proceeded to off load the passengers and was sent out of service to the Blue Line yard. 9 trips canceled with a max delay of 37 mins.

03/8/16 Vehicle Maintenance

Train 105 reported no movement on Car 232 Southbound at the Rosecrans Fly Over north of Compton Station. Trains were advised to use caution. Train 105 was unable to continue in service southbound and offloaded passengers at Willow Station. 1 trip canceled with a max delay of 27 mins.



03/7/16 Vehicle Maintenance

Train 116 reported due to a coupler issue on Car 239 with no movement northbound at Grand Station. Single Tracking and turnback operations implemented between Maple and Venice Interlocking. Train 116 regained movement at 0715 hrs and was routed north to 7MC out of service. 13 trips canceled with a max delay of 24 mins.

03/8/16 Vehicle Maintenance

Train 129 reported no movement/ no fault on Car 106 Southbound at Artesia Station. Train in ATP was unable to gain movement. Single tracking and turnback operations implemented. Train 129 had Northbound movement and offloaded at Compton Station and proceeded North to the imperial pocket. Normal operations resumed at 1701 hrs. 4 trips canceled with a max delay of 24 mins.

03/9/16 Vehicle Maintenance

Train 127 reported no movement/propulsion fault on Car 128 Southbound at Willowbrook Station platform 2. Singletrack operations implemented. Train 127 offloaded 150 patrons at Imperial and was moved to the pocket. Follower Train 140 was turned back Firestone to Metro Center & Northbound Train 133 was turned back from Firestone to Willow. 3 trips cancelled with a max delay of 23 mins.

03/16/16 Vehicle Maintenance

Train 104 reports of door problems with no movement on Car 224. Train 104 offloaded at 103rd St Station. Train regained movement and proceeded to 7th & Metro out of service with doors 5 & 6 cut. 1 trip canceled with a max delay of 22 mins.

03/6/16 Vehicle Maintenance

Train 116 reported no movement on Car 147 Northbound at 103rd St. Single tracking operations implemented around the disabled train. At 2015 hrs, a vehicle tech was able to isolate the air leak and repair the fault. The train was moved to the Imperial Pocket and normal operations resumed. 1 trip canceled and 12 trips affected with a max delay of 20 mins.

03/07/16 Vehicle Maintenance

Train 117 reported no movement on Car 230 Southbound south of Washinton Station. Train 117 regained movement, offloaded at Vernon then pulled into the yard. 1 trip canceled with a max delay of 20 mins.

03/5/16 Vehicle Maintenance

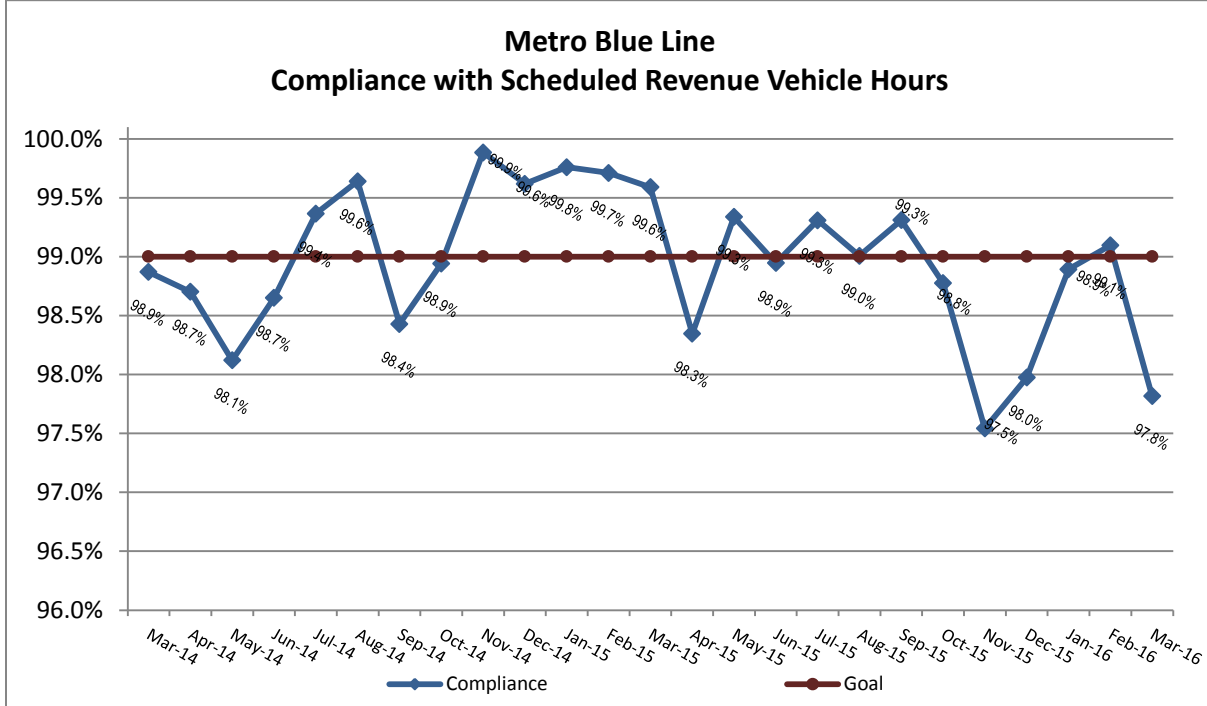
Train 101 reported braking issues on board car 109A and felt it was unsafe to continue with passengers Southbound at PCH. Train 101 was off loaded at Anaheim station, follower boarded patrons. 2 trips canceled with a max delay of 12 mins.

03/29/16 Vehicle Maintenance

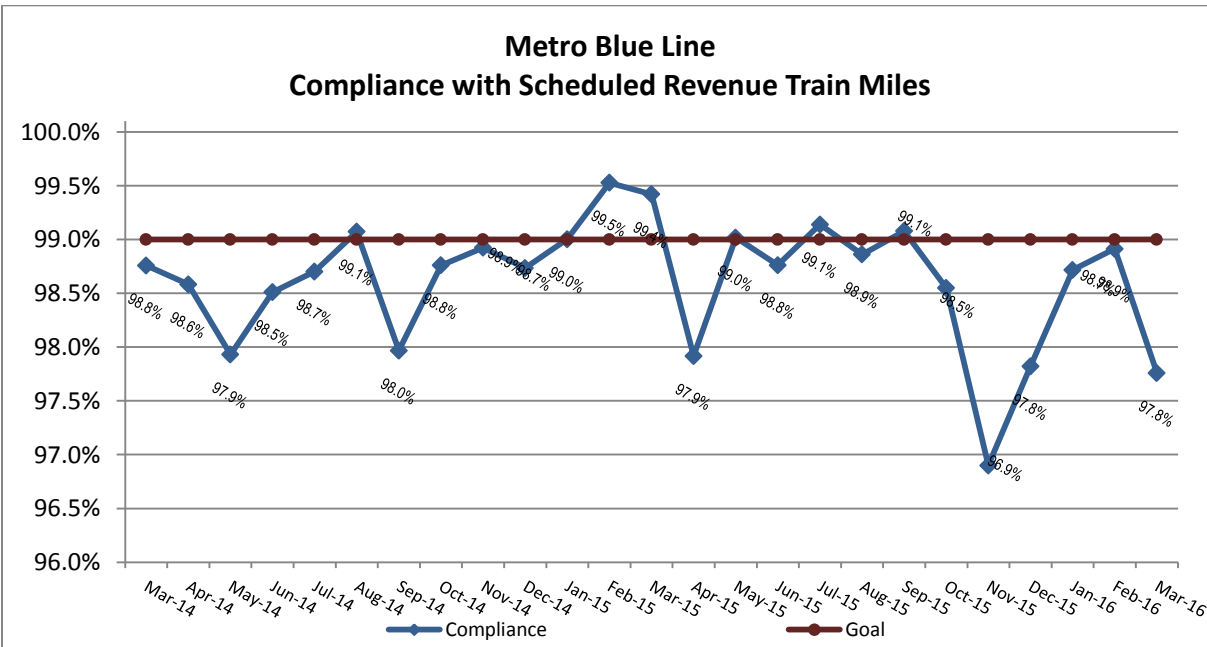
Train 119 reported propulsion faults on Car 132 Southbound at Washington Station. Train 119 offloaded at Willowbrook and recovered to the Imperial Pocket. Trip from Willow to Metro Center also canceled. 2 trips canceled with a max delay of 6 mins.

MEASURES OF THE OVERALL SERVICE IMPACT OF RAIL INCIDENTS FOLLOWS:

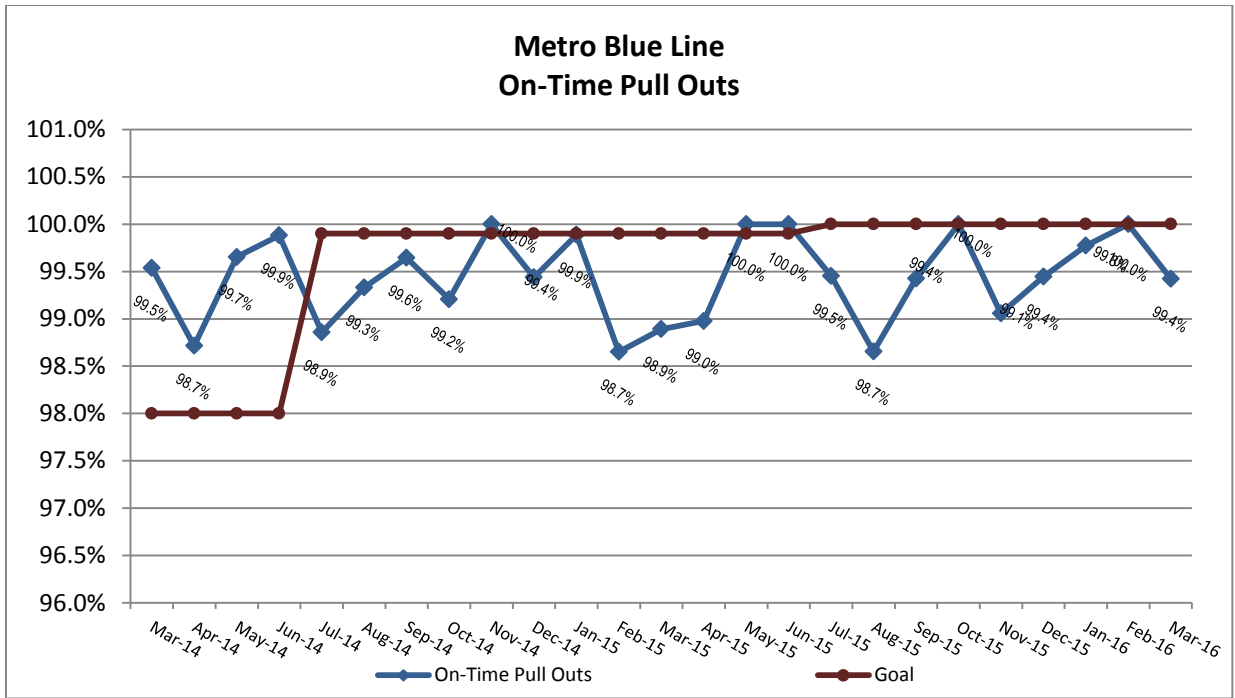
COMPLIANCE WITH SCHEDULED VEHICLE HOURS CHART



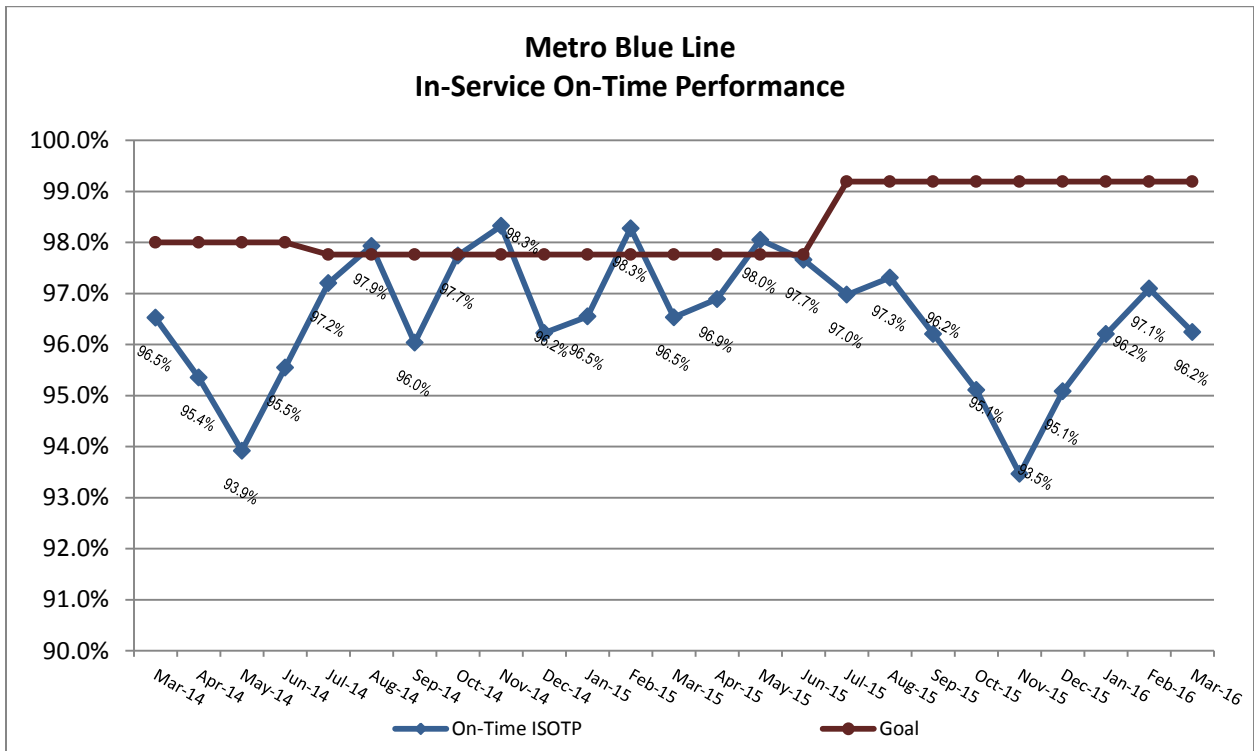
COMPLIANCE WITH SCHEDULED TRAIN MILES CHART

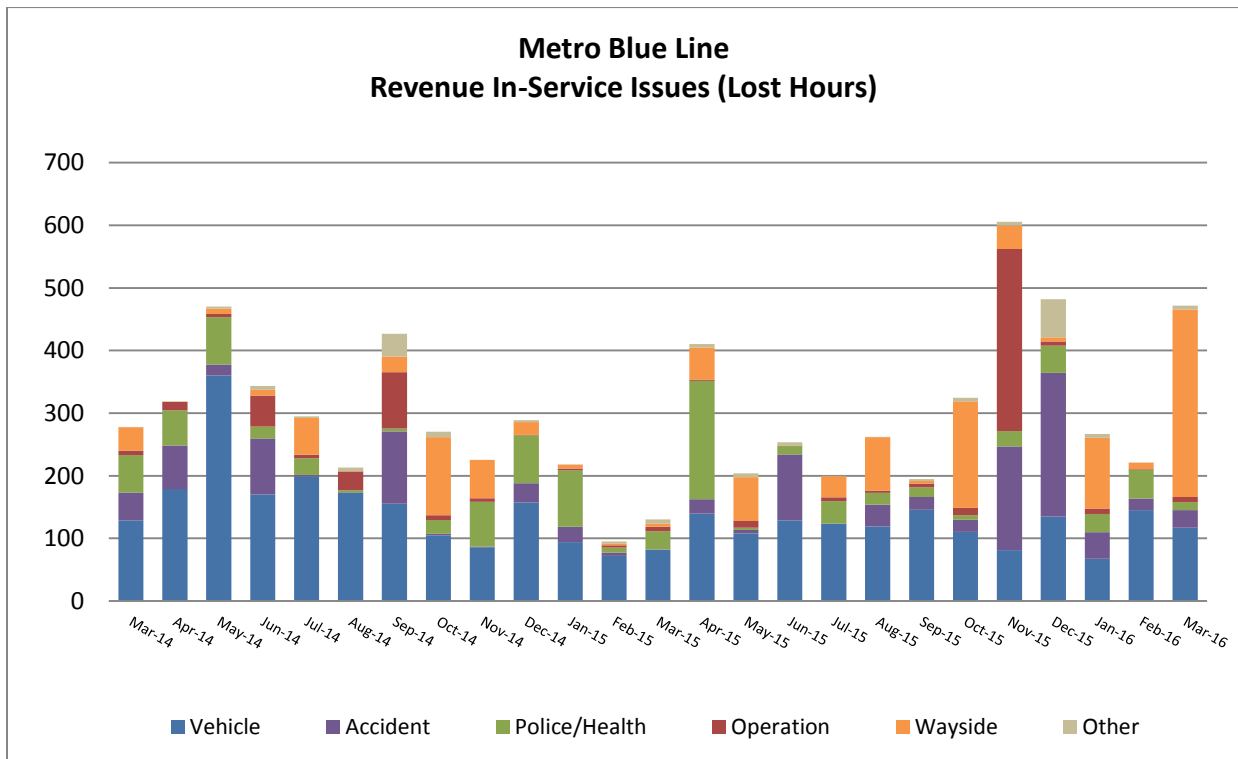
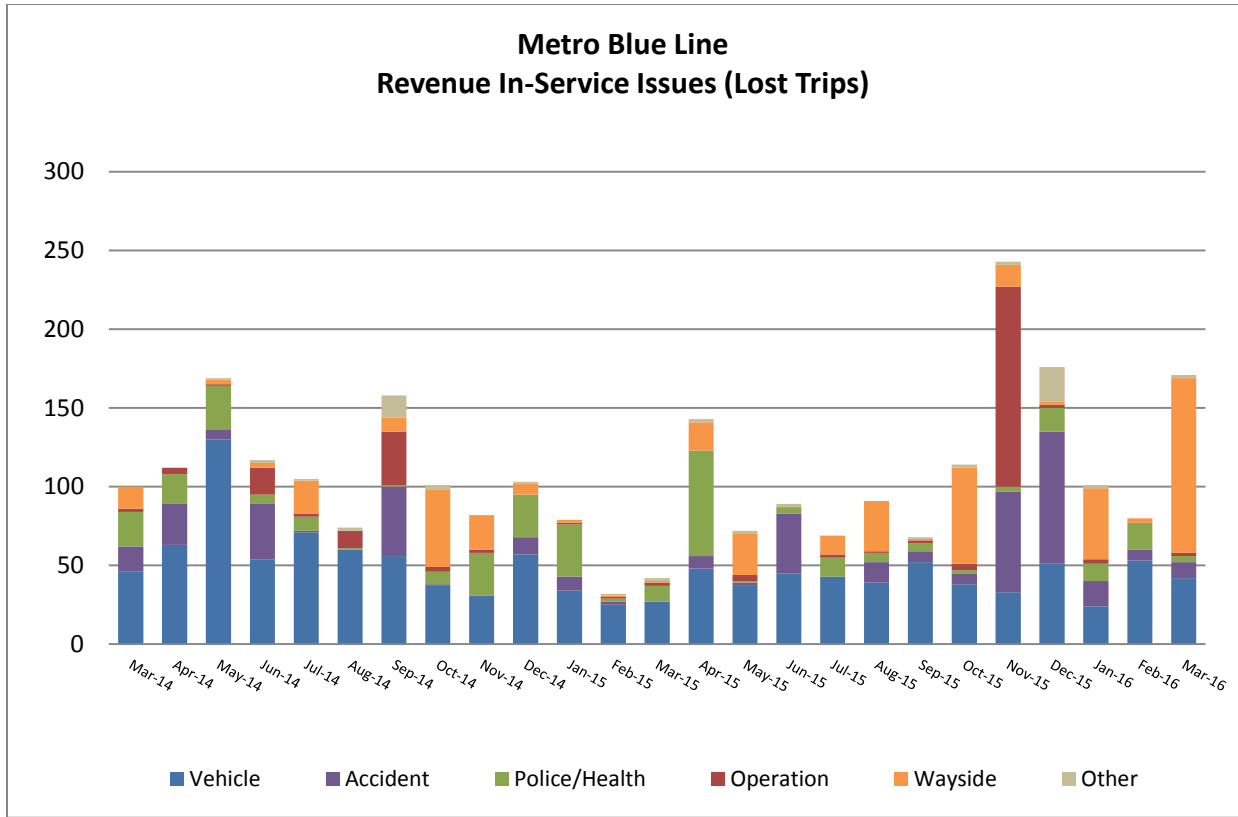


ON-TIME PULL OUTS CHART



IN-SERVICE ON-TIME PERFORMANCE CHART





EXPO LINE

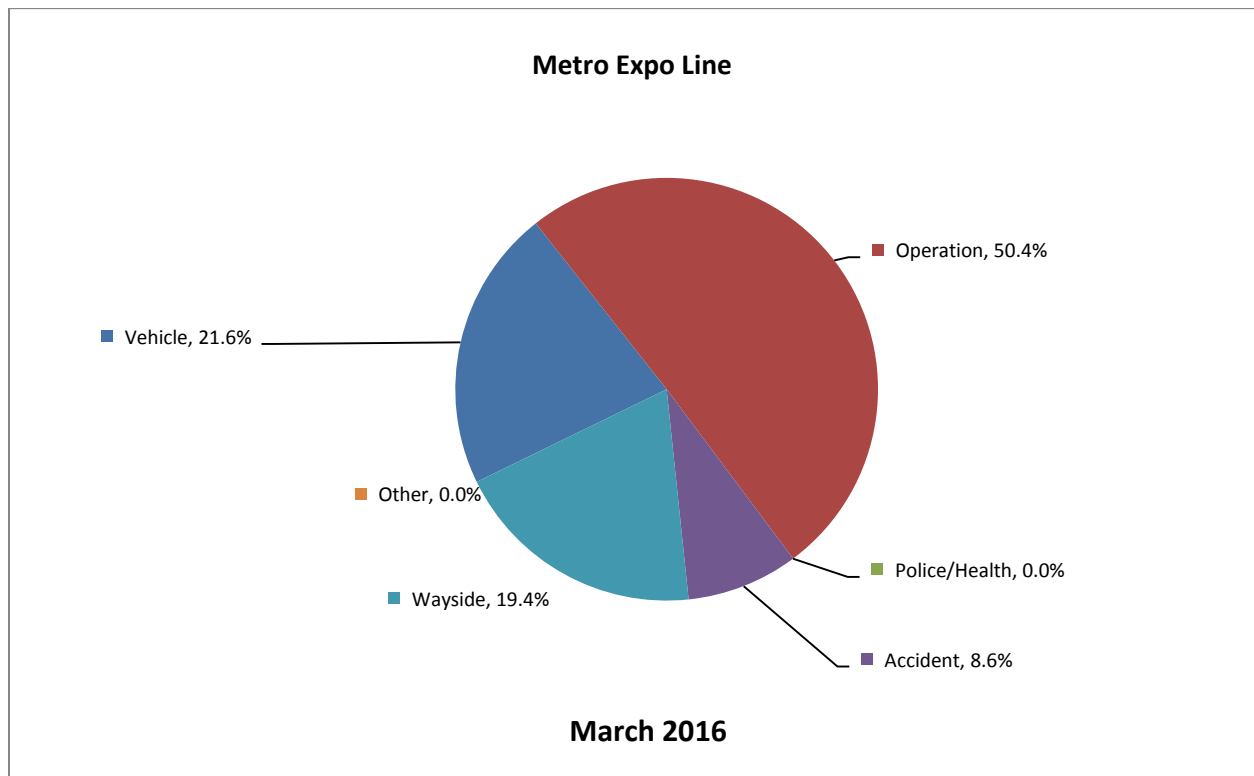
Out of a total of 8,591 hours operated, there were approximately 31 total hours of service delays.

February 2016 Service Hours:

Revenue Hours without Delays	8,406	99.6%
Hours Delayed	36	0.4%
Total Revenue Hours	8,442	100.0%

Summary of the major contributors:

• Operations	18 hours	50 %
• Accidents	3 hours	8 %
• Vehicle	8 hours	22 %
• Wayside	7 hours	20 %
• Police & Health	0 hours	0 %
• Other	0 hours	0 %
Total:	36 hours	100%



March 2016 Expo Line major delay contributors were as follows:

EXPO Wayside:

03/27/16 Power

SCADA indicated all the breakers at National and Clarington TPSS were open. Turn back operation implemented at La Cienega Station. The fault was cleared at 1341 hrs. 6 trips partially canceled with max delay of 41 mins.

EXPO Line Accident:

03/5/16 Accident

Train 109 reported a Train vs. Auto with Track 3 and 4 blocked at the Hauser Grade Crossing. No injuries reported. Turnback operations implemented. The incident train and scene was released by LASD and the On-Scene Coordinator at 2353. 3 trips canceled with a max delay of 12 mins.

03/13/16 Operations

Operators for the Expo storage trains left the yard late due to time change and Expo trains were delayed in service. Train 108 trip was cancelled to 7 & Metro N/B. Train 109 turned back from Crenshaw station N/B. Train 113 proceeded south 15 mins delayed. 2 trips canceled with a max delay of 15 mins.

03/11/16 Vehicle Maintenance

Train 107 reported has door problem with no movement on Car 249 Northbound at 23rd Street. Train 107 offloaded at 23rd Street Station. Single tracking operations implemented. 1 trip canceled with a max delay of 20 mins.

03/27/16 Power

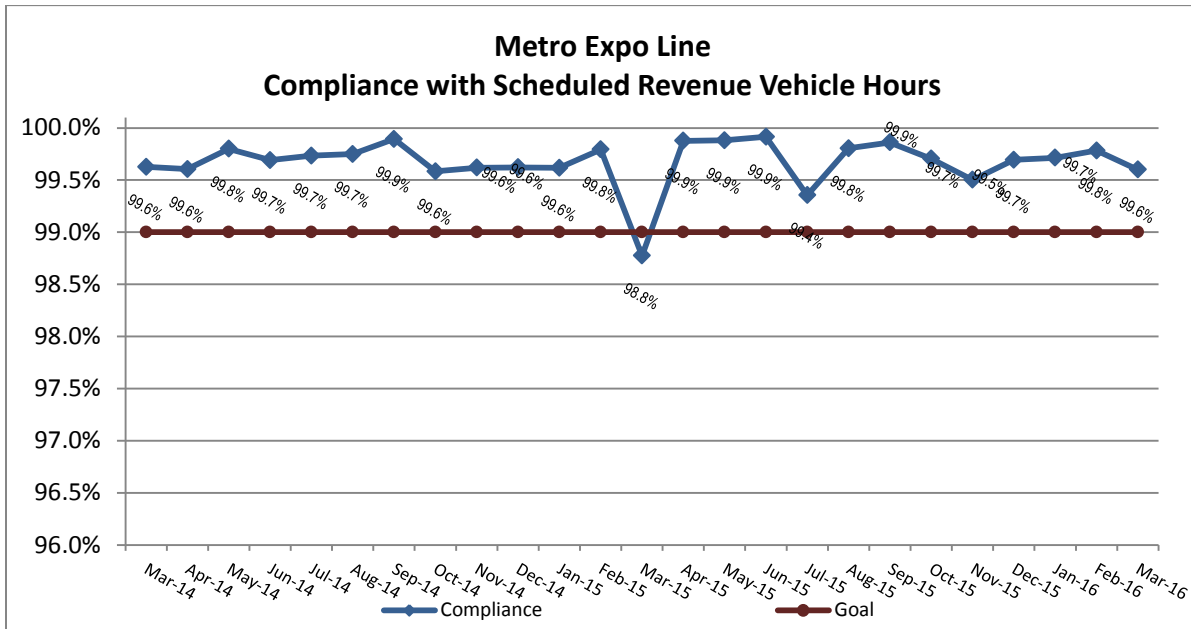
SCADA indicated all the breakers at National and Clarington TPSS were open. Turn back operation implemented at La Cienega Station. The fault was cleared at 1341 hrs. 6 trips partially canceled with max delay of 41 mins.

03/2/16 Police/Health

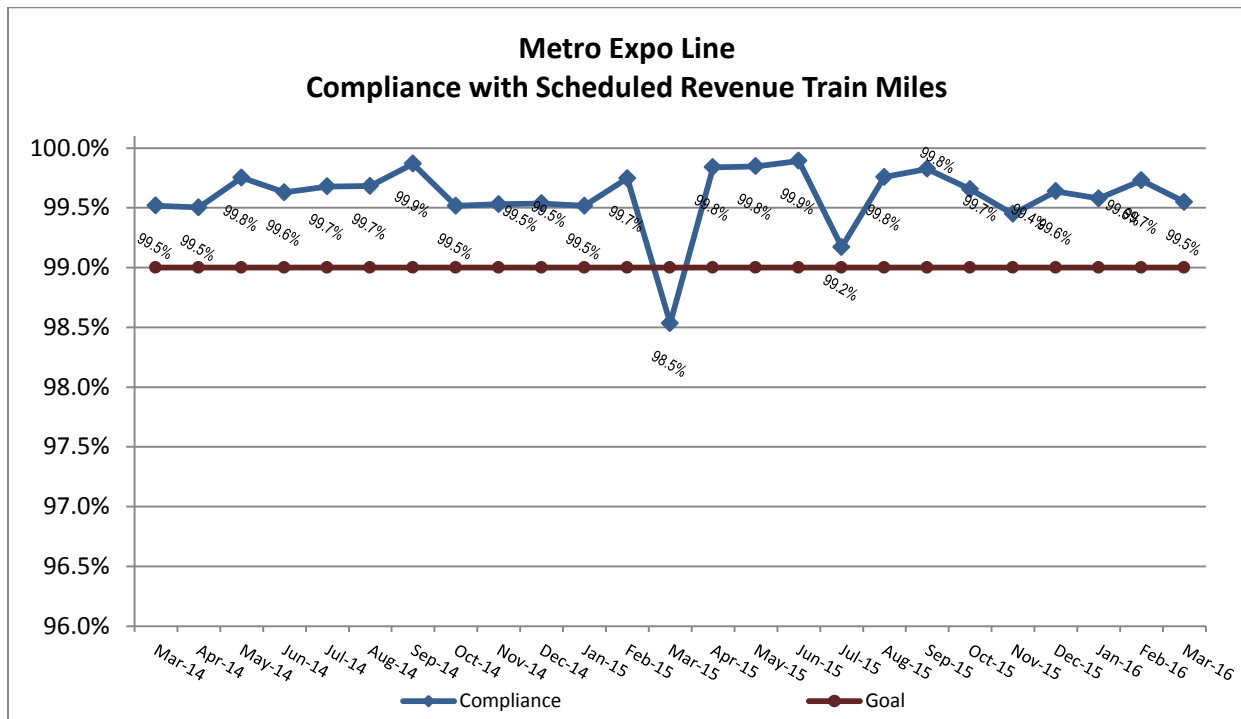
Train notified Control of an overturned big rig truck on both track at the Degnan Interlocking. Turnback operations implemented. At 0920 hrs, tow truck removed incident vehicle out of the ROW. Normal operations at 0945 hours. 13 trips canceled with a max delay of 75 mins.

MEASURES OF THE OVERALL SERVICE IMPACT OF RAIL INCIDENTS FOLLOWS:

COMPLIANCE WITH SCHEDULED VEHICLE HOURS CHART



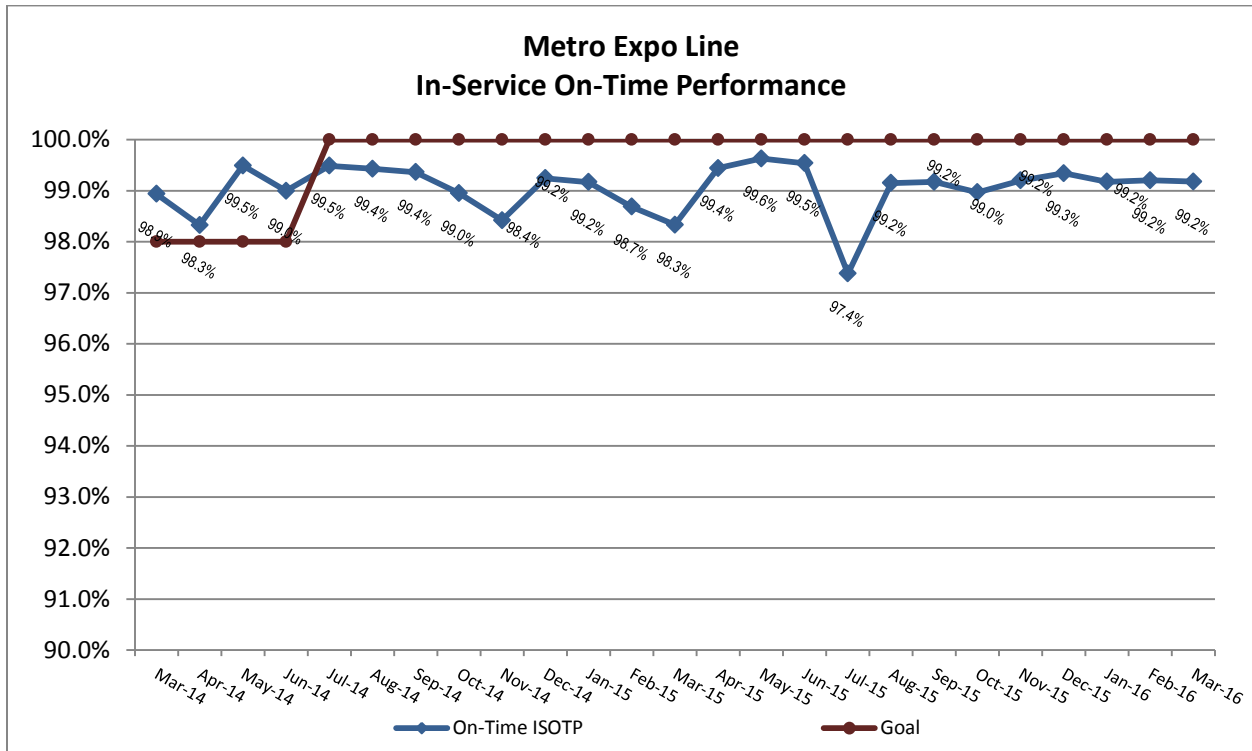
COMPLIANCE WITH SCHEDULED TRAIN MILES CHART

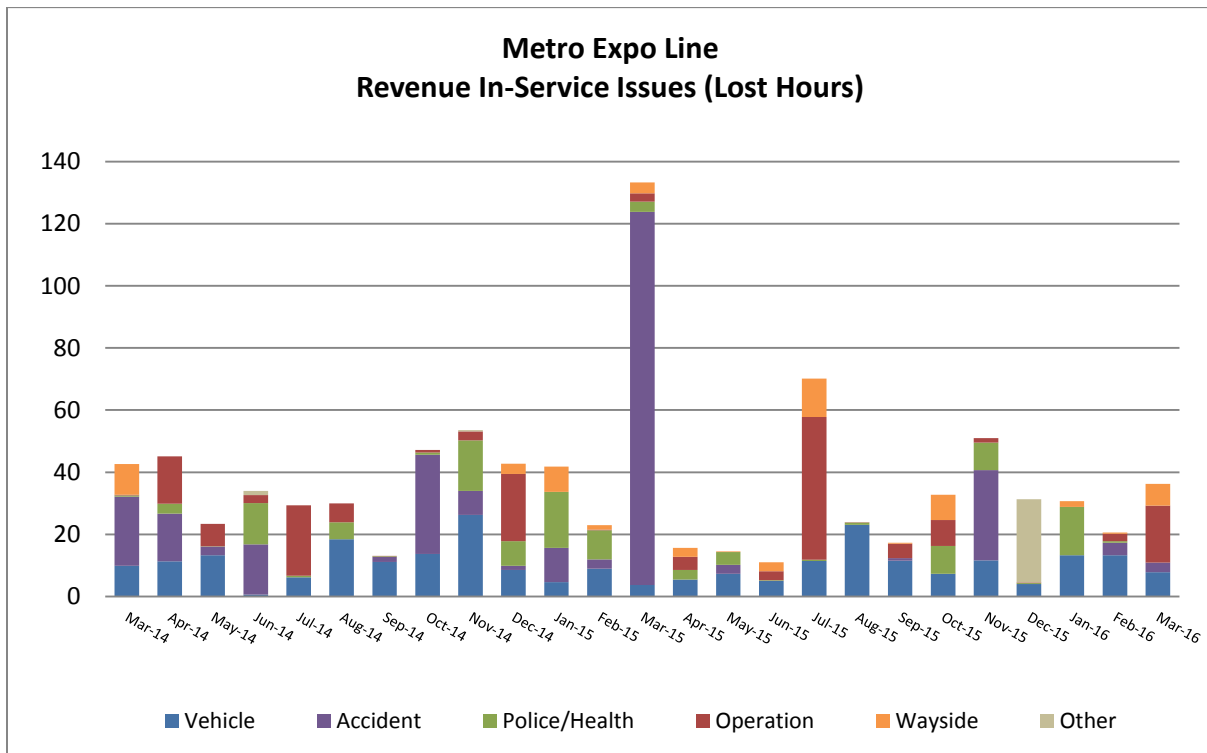
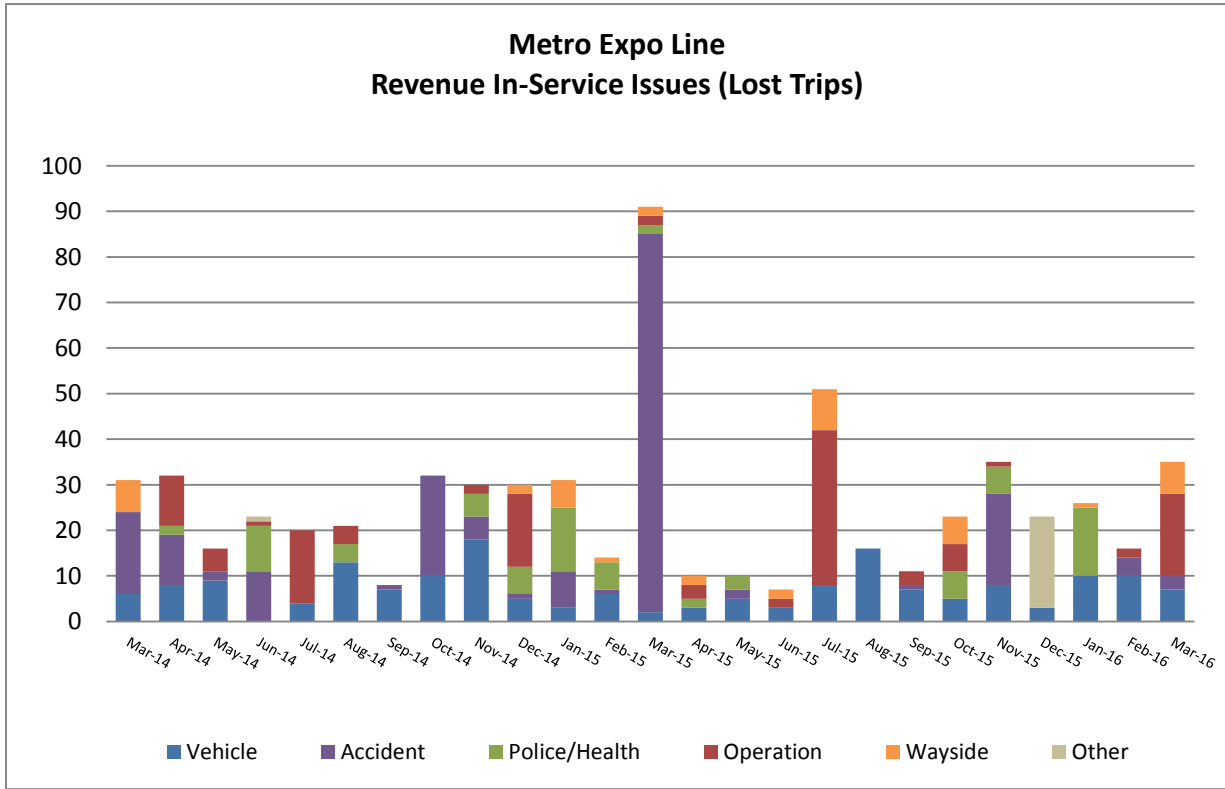


ON-TIME PULL OUTS

Expo Line Pull Outs are included in Blue line Pull Outs.

IN-SERVICE ON-TIME PERFORMANCE CHART





RED / PURPLE LINE

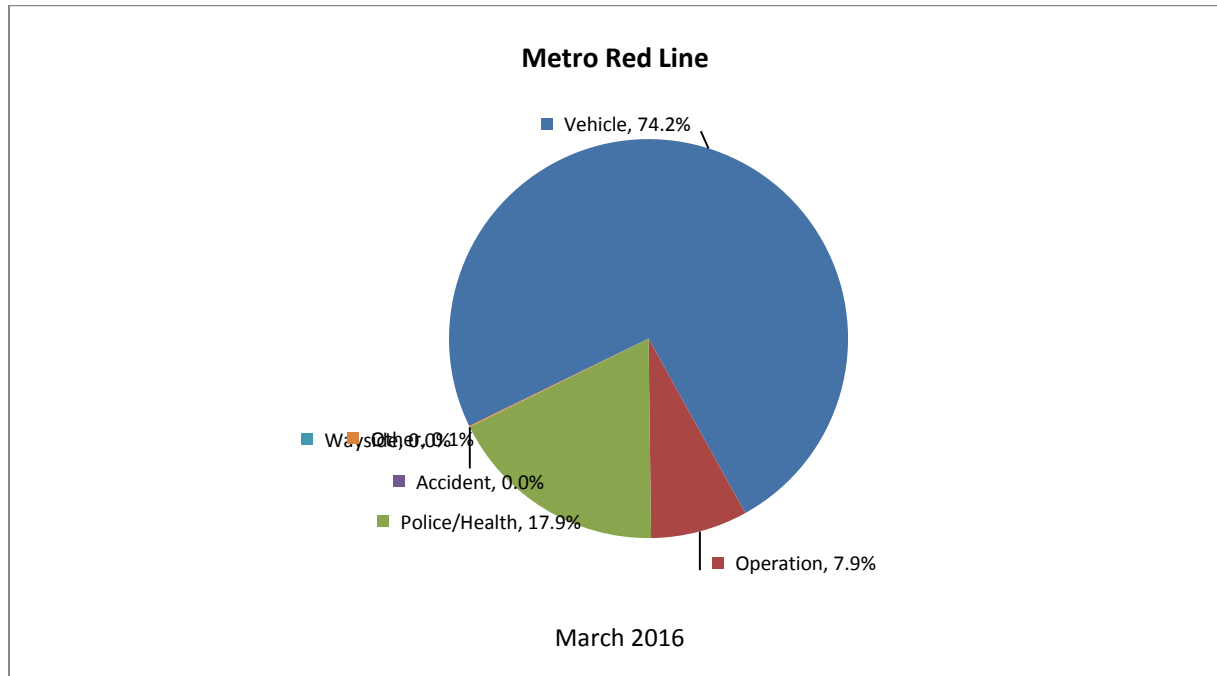
Out of a total of 26,361 hours operated, there were approximately 84 total hours of service delays.

February 2016 Service Hours:

Revenue Hours without Delays	26,277	99.7%
Hours Delayed	84	0.3%
Total Revenue Hours	26,361	100.0%

Summary of the major contributors:

- Operations 7 hours 8 %
- Accidents 0 hours 0 %
- Vehicle 62 hours 74 %
- Wayside 0 hours 0 %
- Police & Health 15 hours 18 %
- Other 0 hours 0 %
- Total: 26 hours 100 %**





March 2016 Red/Purple Line major delay contributors were as follows:

Red Line Accident:

03/31/16 Accident

Train 214 entering station on AR track at Westlake, male drops bike onto ROW into the path of approaching train. Turnback operations implemented. Only 2 Trains 217 & 205 Easbound single tracked around the affected area. 7 trips canceled with a max delay of 45 mins.

Red Line Police/Health:

03/16/16 Police/Health

Trespasser on the ROW at Vermont AR service cancelled from Wilshire Vermont to Vermont Beverly trains turned back from Westlake and Vermont Beverly, no trespasser found on the ROW or at the crosspassage. Overall delay 35 minutes. 2 trips canceled with a max delay of 35 mins.

03/31/16 Police/Health

Trespasser on ROW controllers de-energized track from Union to Vermont to Beverly, suspect apprehended at Union station. 24 minute delay. 24 mins max delay.

Red Line Vehicle Maintenance:

03/05/16 Vehicle Maintenance

Train 206 reported a friction brake application in the West interlocking at Union Station with no movement Westbound. The operator reversed ends and brought the train back to the platform and placing the consist out of service. 5 trips canceled with a max delay of 24

03/17/16 Vehicle Maintenance

Train 206 was evacuated due to de-energized track on the AR West at Pershing Square. EVOP initiated with evacuation toward the station, Smoke was coming from train 206, car 506 with no signs of fire. Single tracking operations was implemented. 1 trip canceled with a max delay of 20 mins.

03/2/16 Vehicle Maintenance

Train 219 was pulled out drained BATTERIES upon arrived at Union Westbound. Train 219 went into emergency lighting. No-Ho Train 219 swapped with the WW and service was canceled from WV to WW round trip. 2 trips canceled with a max delay of 20 mins.

Red Line Operations:

03/2/16 Operations

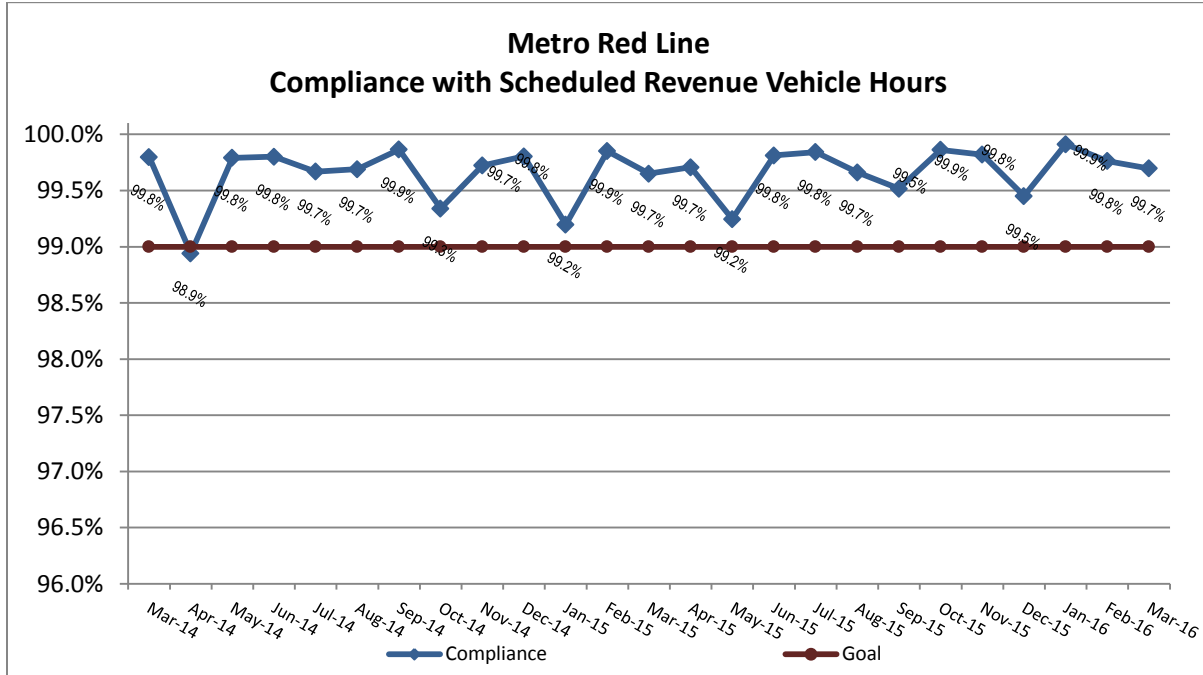
Due to Pink Letter which scheduled double single tracking all trains through Westlake to Union Station and Vermont Santa Monica to Hollywood Vine. Train 215 was canceled and replaced by train 218 which departed on train 215's schedule. 1 trip canceled with a 20 mins max delay.

03/26/16 Yard Operations

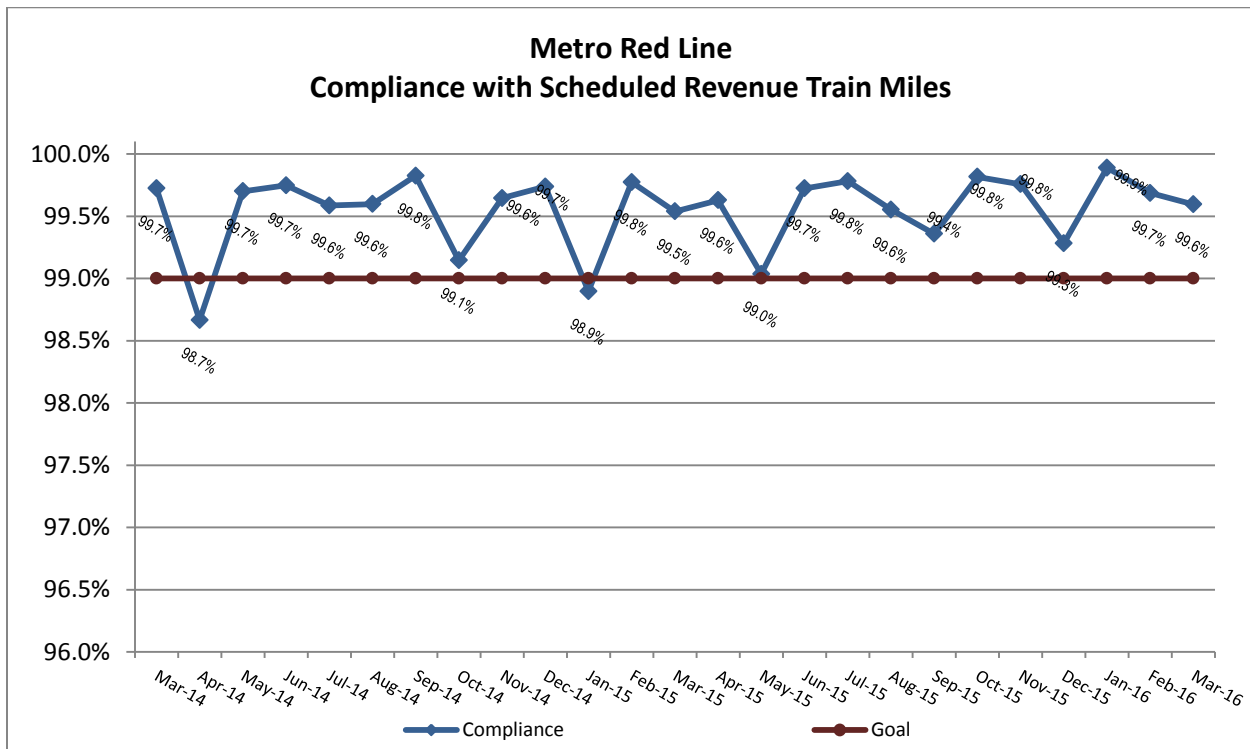
Train 211 trip was canceled due to train not being dispatched from yard. Friction brake problems in the Yard. 2 trips canceled with max delay of 15 mins.

MEASURES OF THE OVERALL SERVICE IMPACT OF RAIL INCIDENTS FOLLOWS:

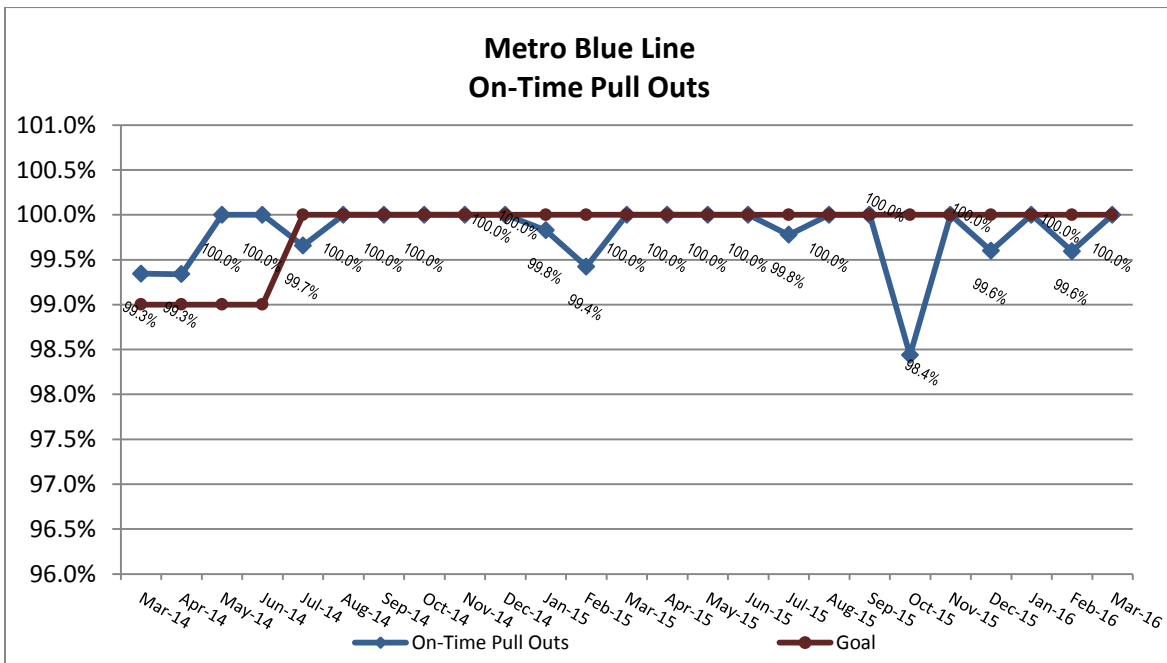
COMPLIANCE WITH SCHEDULED VEHICLE HOURS CHART



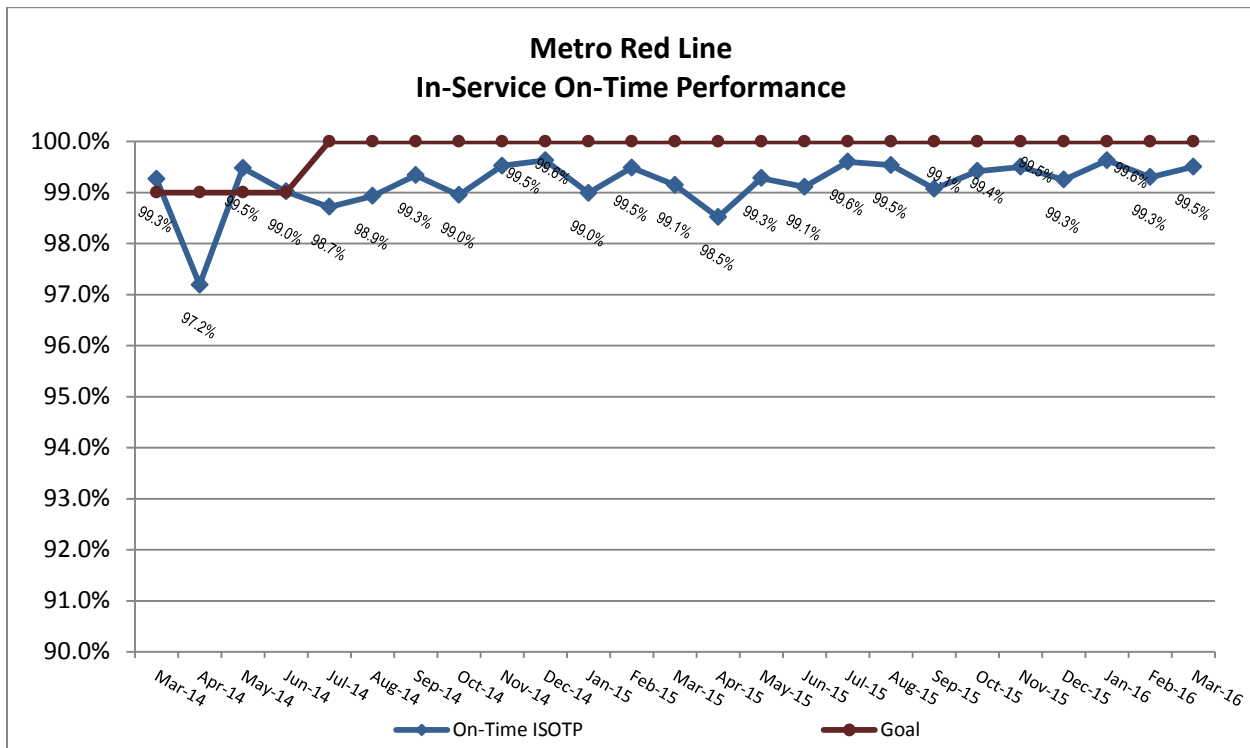
COMPLIANCE WITH SCHEDULED TRAIN MILES CHART

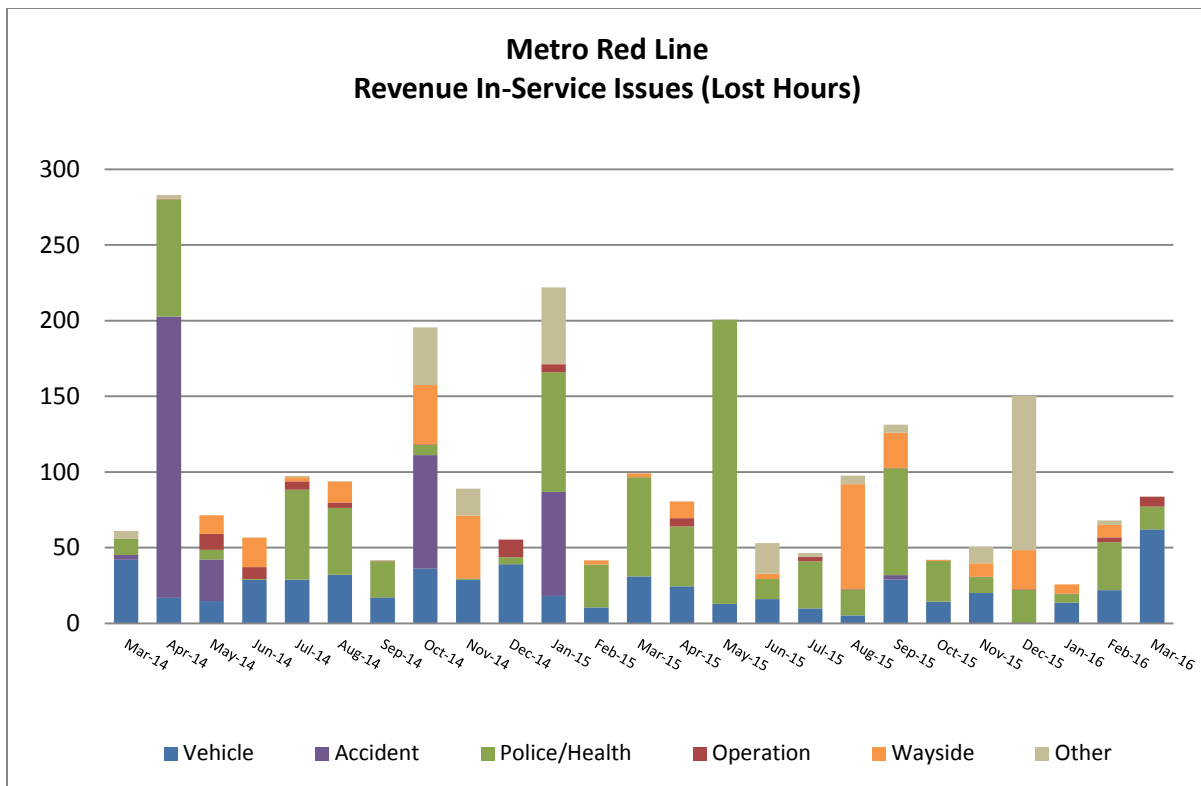
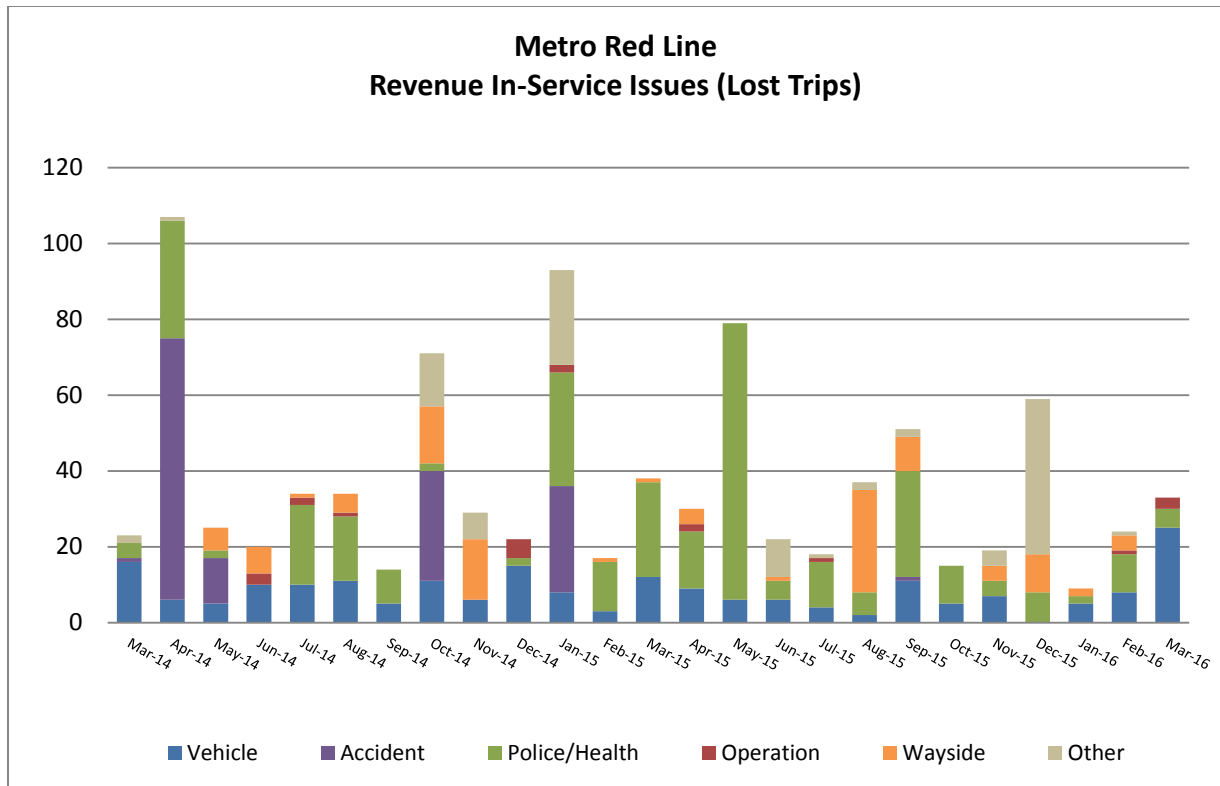


ON-TIME PULL OUTS CHART



IN-SERVICE ON-TIME PERFORMANCE CHART





GREEN LINE

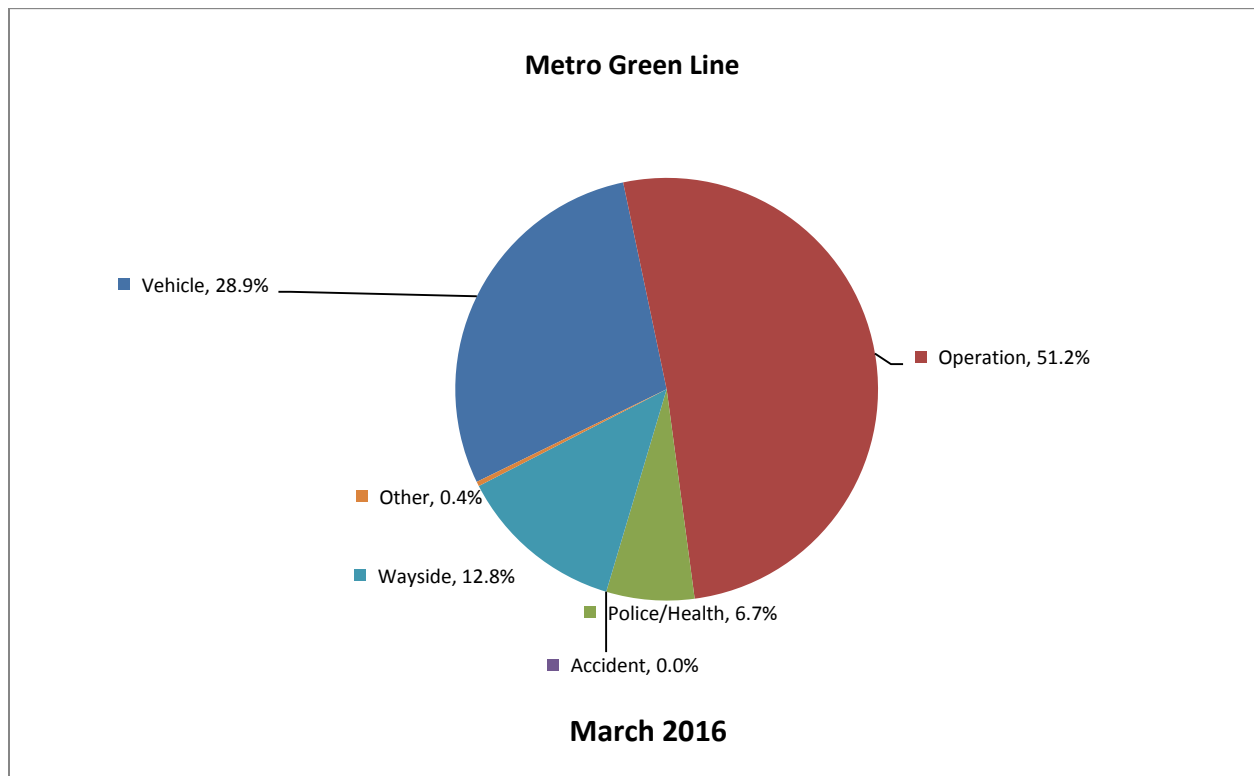
Out of a total of 8,027 hours operated, there were approximately 37 total hours of service delays.

February 2016 Service Hours:

Revenue Hours without Delays	7,990	99.5%
Hours Delayed	30	0.5%
Total Revenue Hours	8,027	100.0%

Summary of the major contributors:

• Operations	19 hours	51 %
• Accidents	0 hours	0 %
• Vehicle	11 hours	30 %
• Wayside	5 hours	13 %
• Police & Health	2 hours	7 %
• Other	0 hour	0 %
Total:	31 hours	100%



March 2016 Green Line major delay contributors were as follows:

Green Line Operations:

03/11/16 Operations

Yard Control notified ROC that due to no Operators for an afternoon work run assignment line service will be disrupted. Train 335 for Alpha Adam and Train 361 for Alpha Tom were canceled. 10 trips canceled with a max delay of 15 mins.

03/03/16 Operations

Yard Control reported no Operator for Alpha Tom. Control canceled round trip from Norwalk to Marine for Train 361. 2 trips canceled with a max delay of 5 mins.

Green Line Vehicle Maintenance:

03/24/16 Vehicle Maintenance

Train 352 unable to gain speed code departing Norwalk station on Car 216. Train 352 was unable to gain speed code and train was recovered to Norwalk from Lakewood Station. Train was offloaded at Lakewood station (50ppl). Trip was cancelled westbound with 8 minute delay and eastbound Train 334 was delayed 10 minutes eastbound. Train 334 was turnback eastbound as train 333 from El Segundo to regain schedule adherence. 3 trips canceled with a max delay of 10 mins.

03/14/16 Vehicle Maintenance

Train 345 is reported a re-occurring propulsion fault on Car 227 eastbound at Crenshaw Station. The Veh Tech advised to place the consist out of service at Norwalk Station. Train 345 westbound trips were cancelled. 2 trips canceled with a max delay of 8 mins.

Green Line Police/Health:

03/3/16 Police/Health

Gen Services reported a person was stabbed on the street level (park & ride) at Norwalk Station. Norwalk Station was shut down per LT. Salcido. Train 335 was allowed to depart Norwalk Station westbound 27 minutes down due deputies at the scene not allowing passengers to board on the west end of Norwalk station. 27 mins max delay.

Green Line Wayside:

03/3/16 Power

SCADA indicated the Hawthorne Yard was de-energized and control unable to pull in am trains into the yard. Turnback and Single tracking operations implemented from El Segundo to Marine. At 0957 hrs, Power in the yard was restored and Trains were able to pull into the yard. 3 trips canceled with a max delay of 10 mins.

03/2/16 Signal

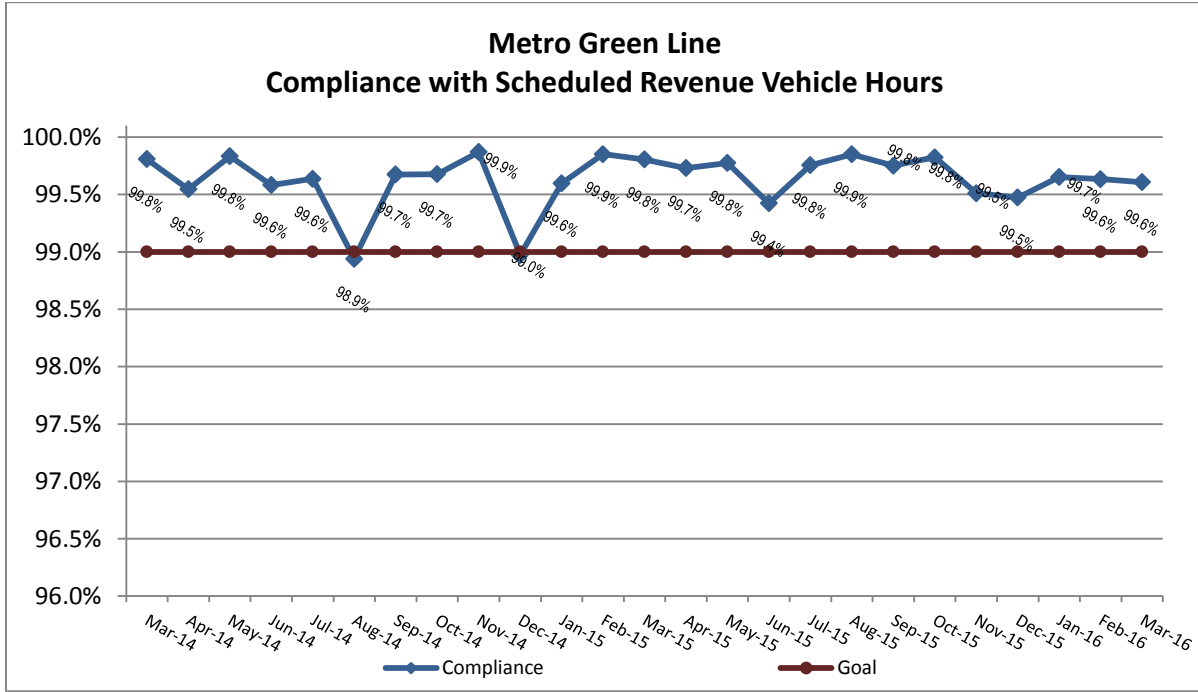
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03/5/16 Signal

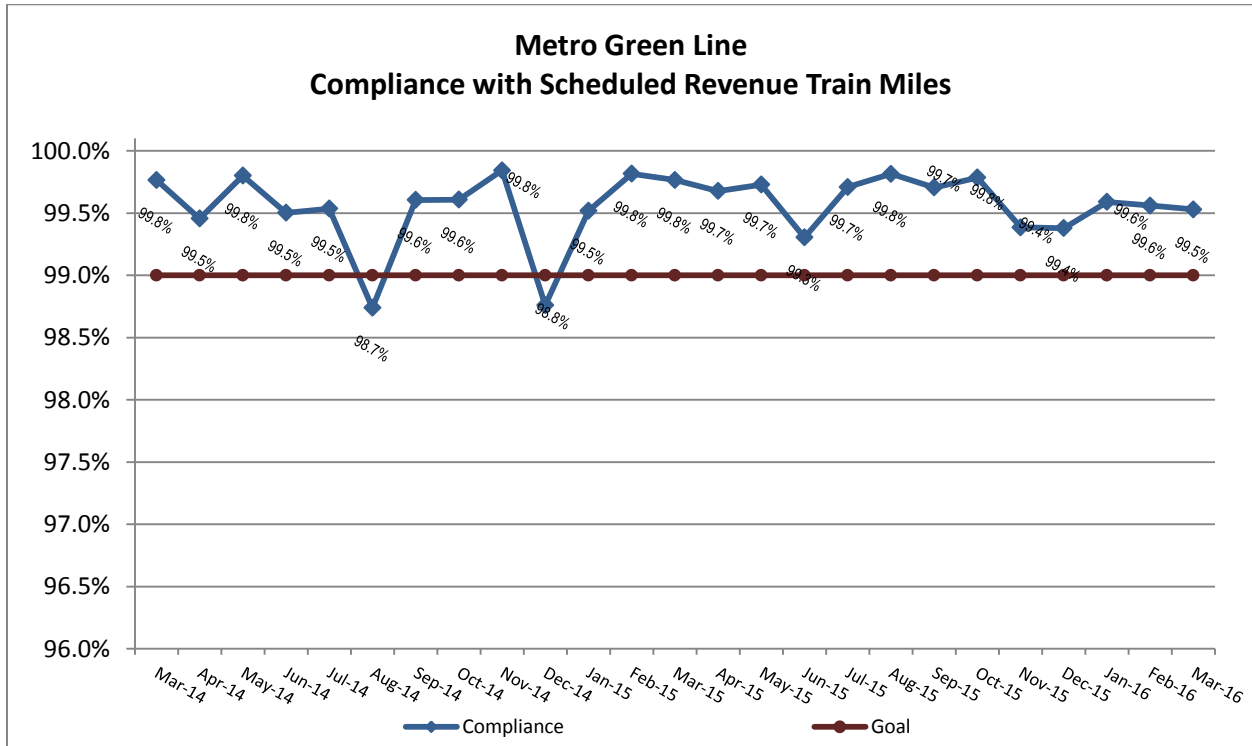
Signals personnel performing battery rectifier and ground fault testing caused the Microlok system to go into failure mode from Yard Interface to El Segundo Track 1 and 2. Trains were issued clearance cards and manual blocks. The signaling system was restored at 0131 hours. 20 mins max delay.

MEASURES OF THE OVERALL SERVICE IMPACT OF RAIL INCIDENTS FOLLOWS:

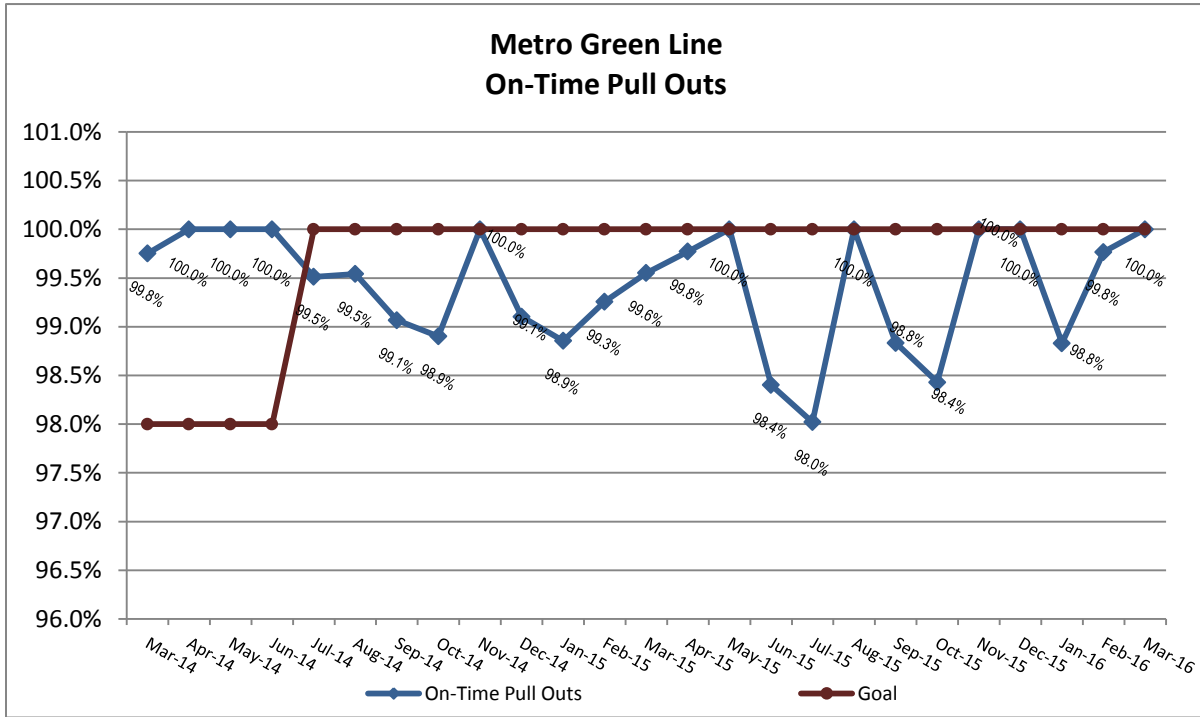
COMPLIANCE WITH SCHEDULED VEHICLE HOURS CHART



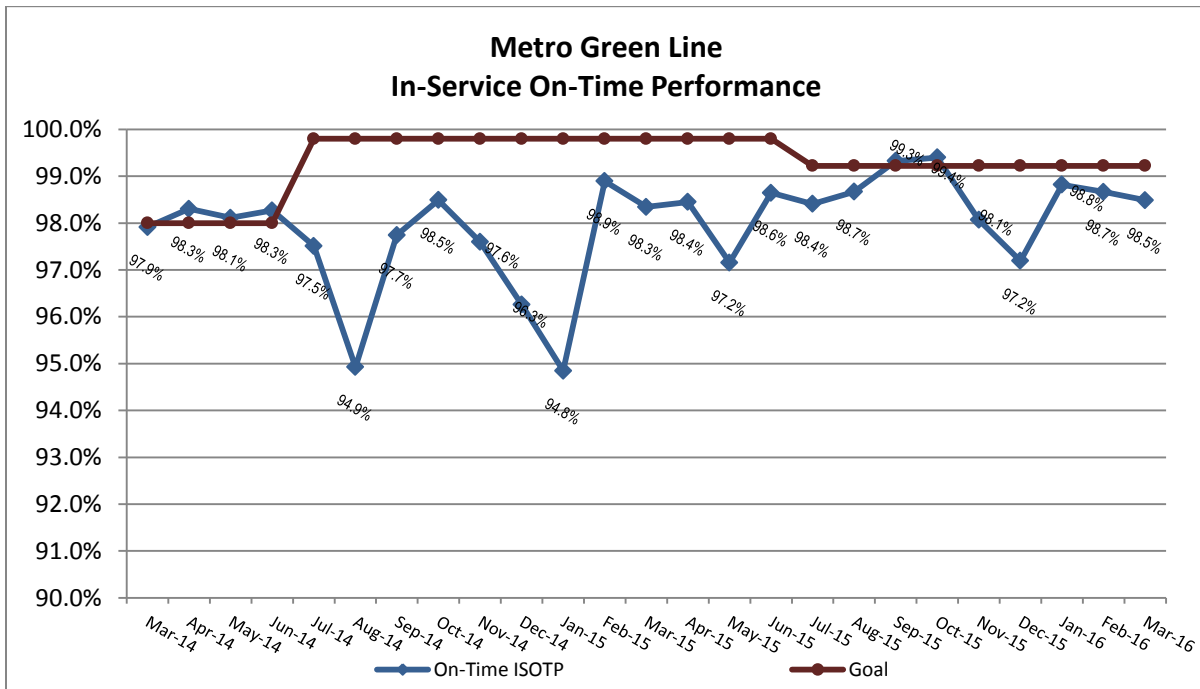
COMPLIANCE WITH SCHEDULED TRAIN MILES CHART

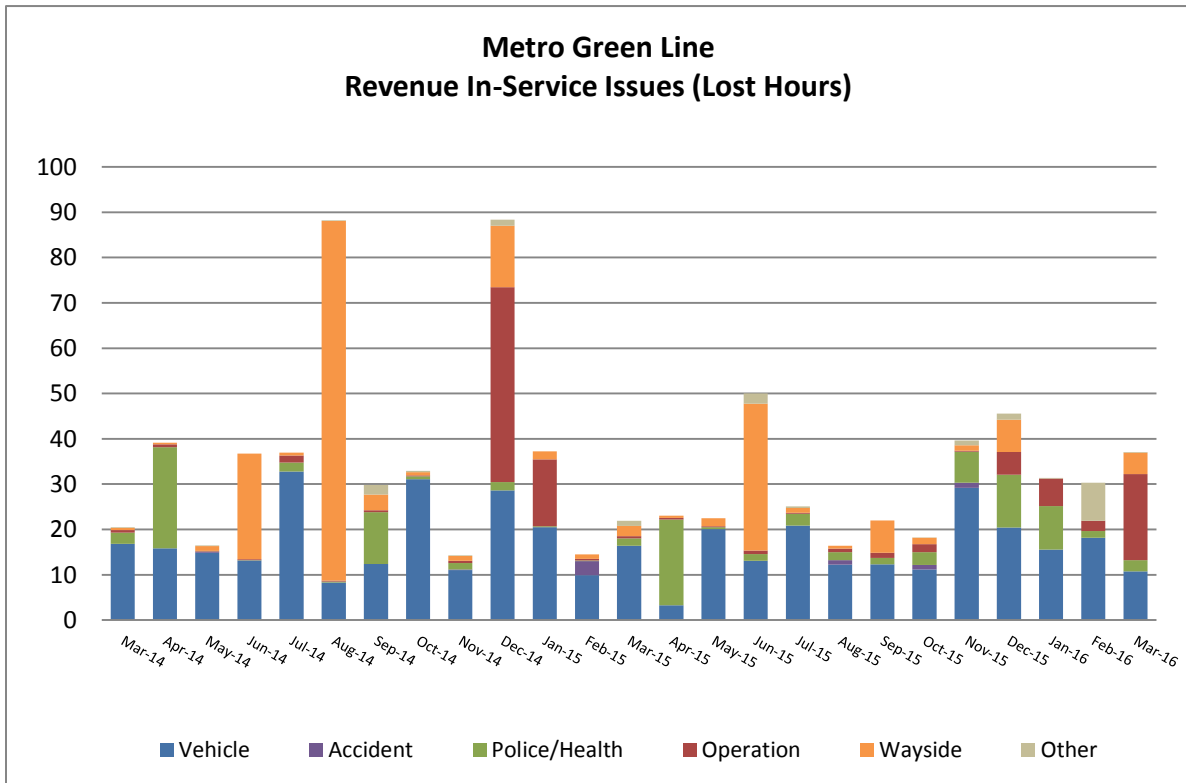
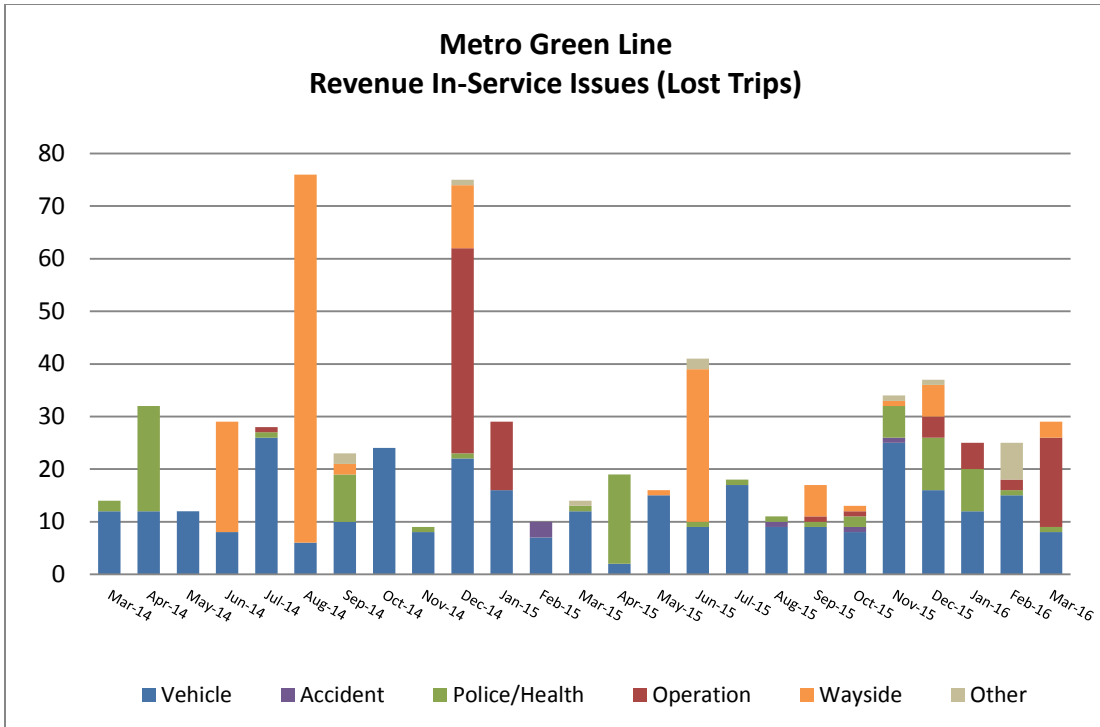


ON-TIME PULL OUTS CHART



IN-SERVICE ON-TIME PERFORMANCE CHART





GOLD LINE

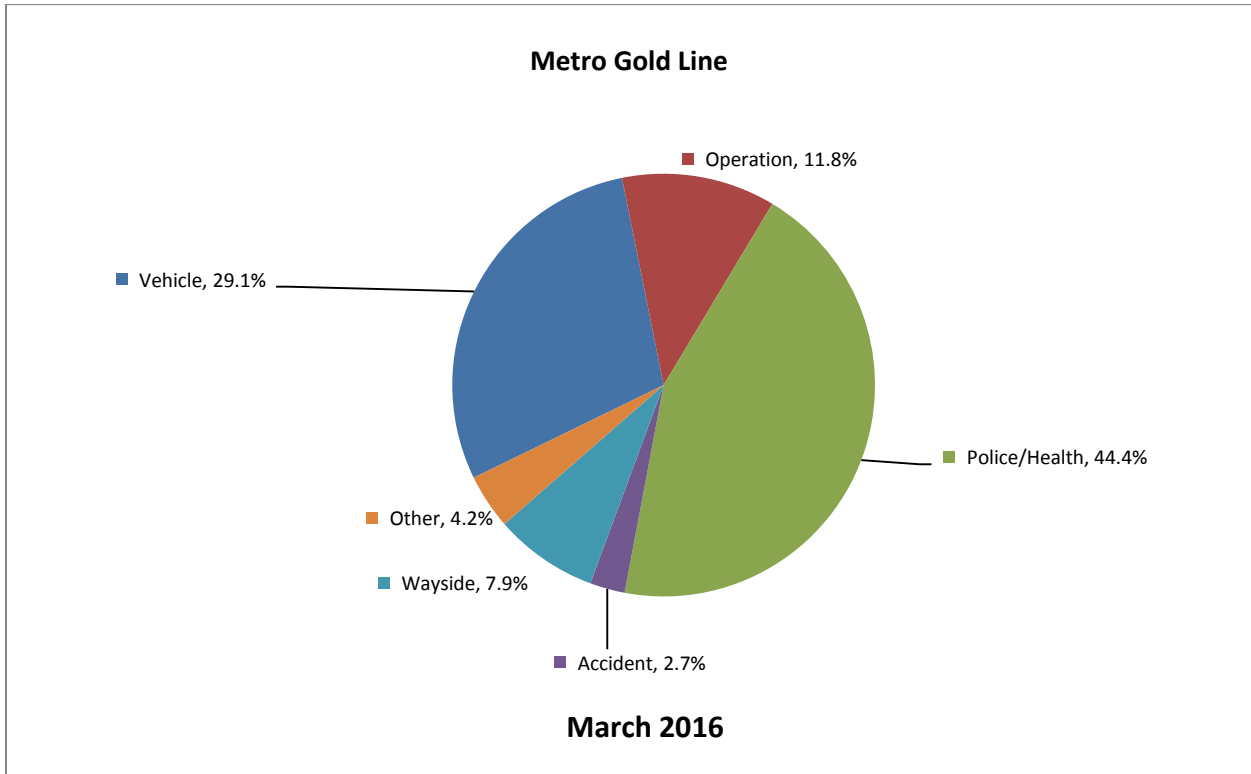
Out of a total of 13,748 hours operated, there were approximately 61 total hours of service delays.

February 2016 Service Hours:

Revenue Hours without Delays	19,625	99.3%
Hours Delayed	131	0.7%
Total Revenue Hours	19,756	100%

Summary of the major contributors:

- Operations 15 hours 12 %
- Accidents 4 hours 3 %
- Vehicle 38 hours 29 %
- Wayside 10 hours 8 %
- Police & Health 58 hours 44 %
- Other 5 hours 4 %
- Total: 61 hours 100%**



March 2016 Gold Line major delay contributors were as follows:

Gold Line Accident:

03/11/16 Accident

Train 483 reported Train Vs. Auto at at the Pico Aliso Interlocking Southbound. Auto involved left the scene of the accident. No injuries reported. Due to the train blocking the interlocking on track , all trains proceeded to Mariachi Station northbound on track 2 and departed reverse running southbound to Ditman interlocking to crossover to track 1. 1048 hours, the Incident train was given authorization to relocate to the platform under manual block procedures and offload. 1113 hrs, the incident Train was released and placed in revenue service by fleet service personnel. Normal operations will resume. 2 trips canceled with a max delay of 34 mins.

Gold Line Operations:

03/15/16 Operations

Pico Aliso interlocking was taken into local control per instructions by R-5, in order to make a software change. Afterwards, trains were unable to get routing into the East Portal. 22 mins max delay.

03/24/16 Operations

Train 429 with a tree car consist berth at the two car marker and opened the door with one car off the platform. Control cancelled Train 422 for alpha Ida southbound to Atlantic until extra operator was placed into rotation. 3 trips canceled with a max delay of 24 mins.

03/26/16 Yard Operations

Division 24 has no equipment for pullout trains 438/439. Gap train will be placed in service at Atlantic, dispatch train operator to Division 21 to pullout available train to recover schedule. 3 trips canceled with a max delay of 7 mins.

Gold Line Vehicle Maintenance:

03/23/16 Vehicle Maintenance

Train 425 northbound at Arcadia Station reported pantograph down on Car 1011. Engineer on board recommends train pull into division 24 from Citrus Station. Line was bumped at Citrus/Azusa with inbound trains. Relay train was not dispatched onto the mainline for approximately 25 minutes. 1 trip canceled with a max delay of 36 mins.

03/23/16 Vehicle Maintenance

Kinki-Sharyo trains 445 and 427 experienced breakdowns at Atlantic station and occupied both platforms. Train 427 HSCB was reset and train departed at 1910 hours. Train 445 was canceled northbound. 1 trip canceled with a max delay of 20 mins.

03/23/16 Vehicle Maintenance

Train 404 reported a LVPS fault on Car 704B southbound at Filmore Station. A VehTech boarded at South Pasadena to trouble-shoot and was unsuccessful. Train 404 proceeded to Union Station and offloaded. NO replacement trains were available at Division 21 and NO GAP train available at Atlantic Station. 2 trips canceled with a max delay of 12 mins.



03/20/16 Vehicle Maintenance

Train 421 reported no movement on Cars 1011 and 1009 at Civic Center Station northbound. Train 421 offloaded. Turnback and single tracking operations implemented from Ditman interlocking and Pico Aliso station. At 1230 hrs, the incident train regained movement and was routed off the main line in to Division 21. 4 trips canceled and 24 trips affected with a max delay of 10 mins.

Gold Line Police/Health:

03/30/16 Police/Health

Per LASD all trains requested to bypass Highland station due to a suspicious package. At 1922 hrs, LASD ordered all trains turned away from the Highland Park Station. Trains were turned back Southbound trains from Indiana Siding and Northbound trains from SW Museum. At 2120 hrs, trains were allowed to bypass the station. At 2135 hrs, LASD released the station for normal operations. 18 trips canceled with a max delay of 1 hrs and 58 minutes due no rail service through the affected area.

03/28/16 Police/Health

Per LASD Payne all north/southbound trains instructed to bypass Monrovia station due to a suspicious package. At 0855 hrs, LASD shut down north and south traffic. At 1007 hrs, the scene was cleared. 12 trips canceled with a max delay of 70 mins.

03/6/16 Police/Health

Train 461 reported a traffic accident on 210 freeway that carried over onto the ROW between Sierra Madre and Allen Station. LASD reported a vehicle did go through the K-Rail and now was ROW blocking both tracks. Tracks 1 and 2 were de-energized due to sparks coming from the OCS. Turnback operations implmented between Citrus and Arcadia and turning back from Allen northbound. At 0930 hrs, a CNG tech confirmed the CNG tanks were stabilized. At 1115 hrs, truck was removed from ROW and debris was cleared. Both tracks remained closed until wayside completed all repairs. At 0019 hrs on 3/7/16, test trains were allowed to proceed through the repaired areas. At 0158 hrs on 3/7/16, both tracks were declared fit for normal operations. 73 trips canceled with a max delay of 30 mins (approximate headway of bus bridge).

03/10/16 Police/Health

Train 456 reported an assault onboard northbound at Heritage Square station. Train 456 was held for LASD response. 22 mins max delay.

Gold Line Wayside:

03/10/16 Power

A DC breaker opened and de-energized track within Mariachi station track 1. Turn back and Single tracking operations implemented. At 2218 hrs, the DC breaker was successfully closed locally by Traction Power Personnel. Normal Operations resumed. 4 trips canceled with a max delay of 10 mins.

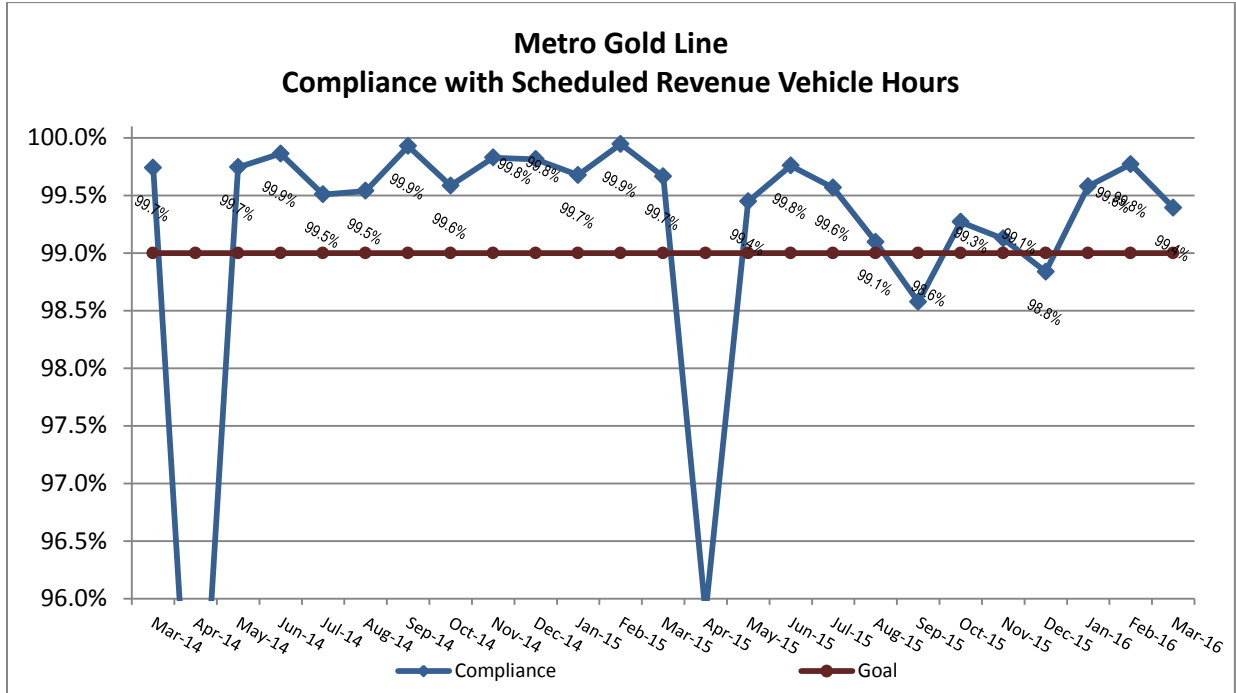
03/18/16 Power



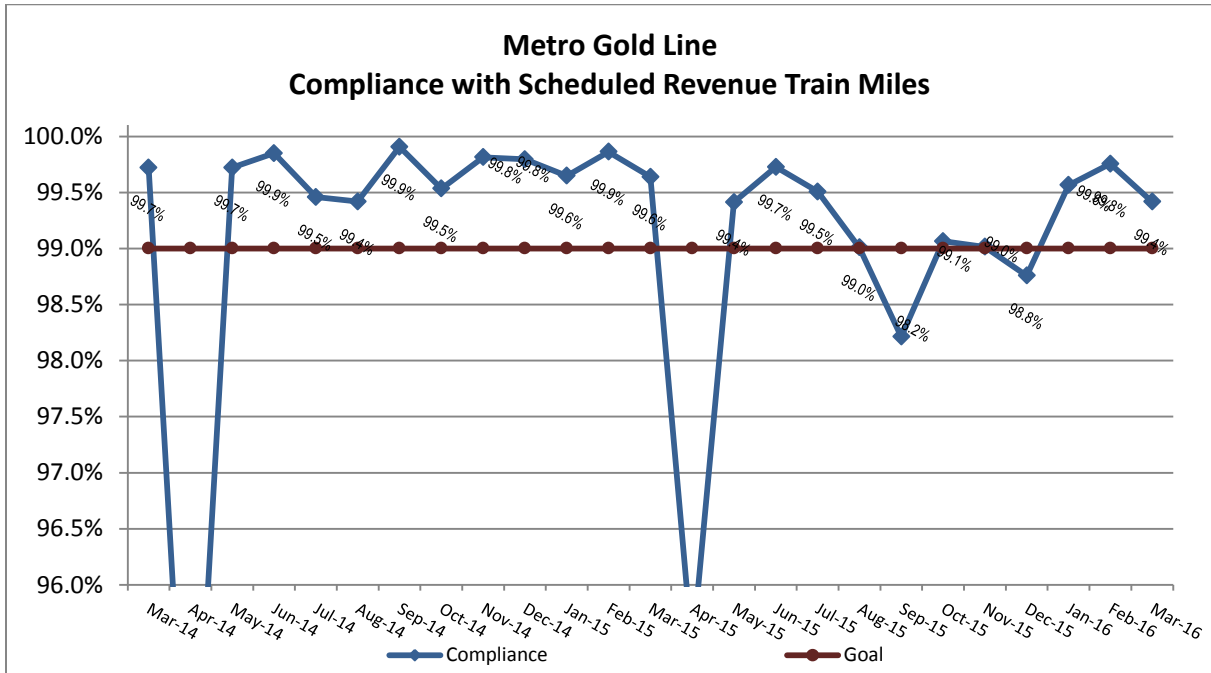
Maintenance activity power down and ground, TP-145 unable to close load breaker 13 between Mariachi and Pico Aliso stations, track 2 de-energized. Power restored at 0949 hours. 2 trips canceled with a max delay of 10 mins.

MEASURES OF THE OVERALL SERVICE IMPACT OF RAIL INCIDENTS FOLLOWS:

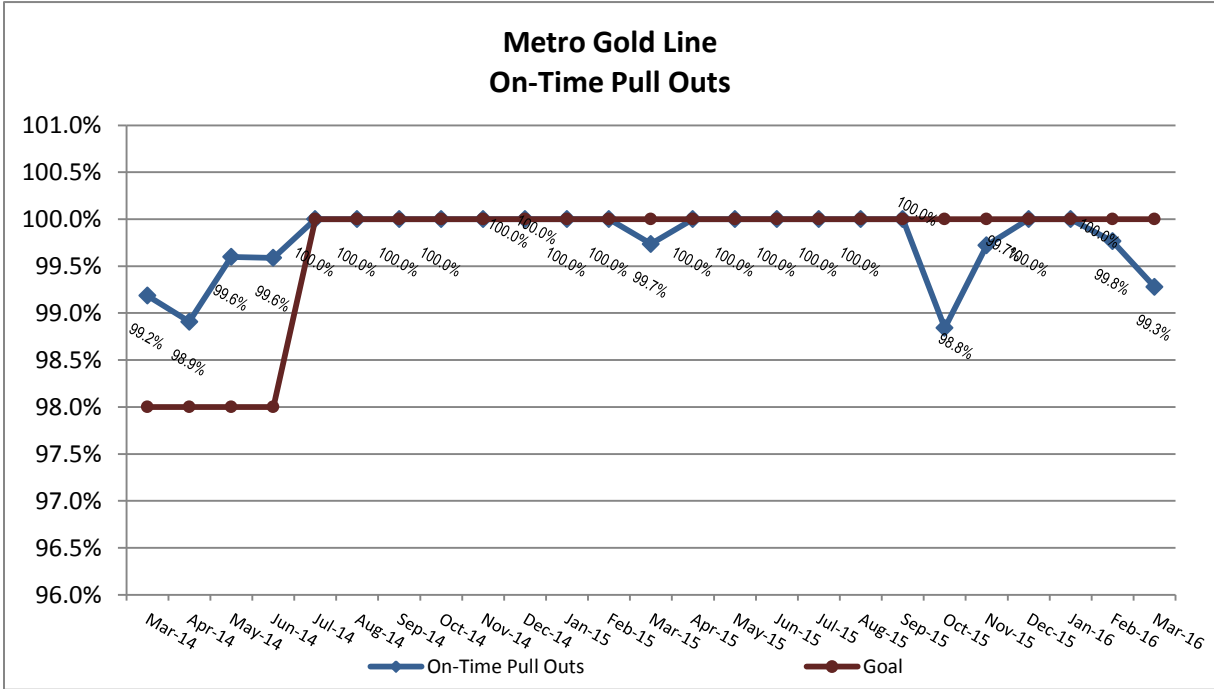
COMPLIANCE WITH SCHEDULED VEHICLE HOURS CHART



COMPLIANCE WITH SCHEDULED TRAIN MILES CHART



ON-TIME PULL OUTS CHART



IN-SERVICE ON-TIME PERFORMANCE CHART

