



Rail Fleet Services Monthly Report August 2016

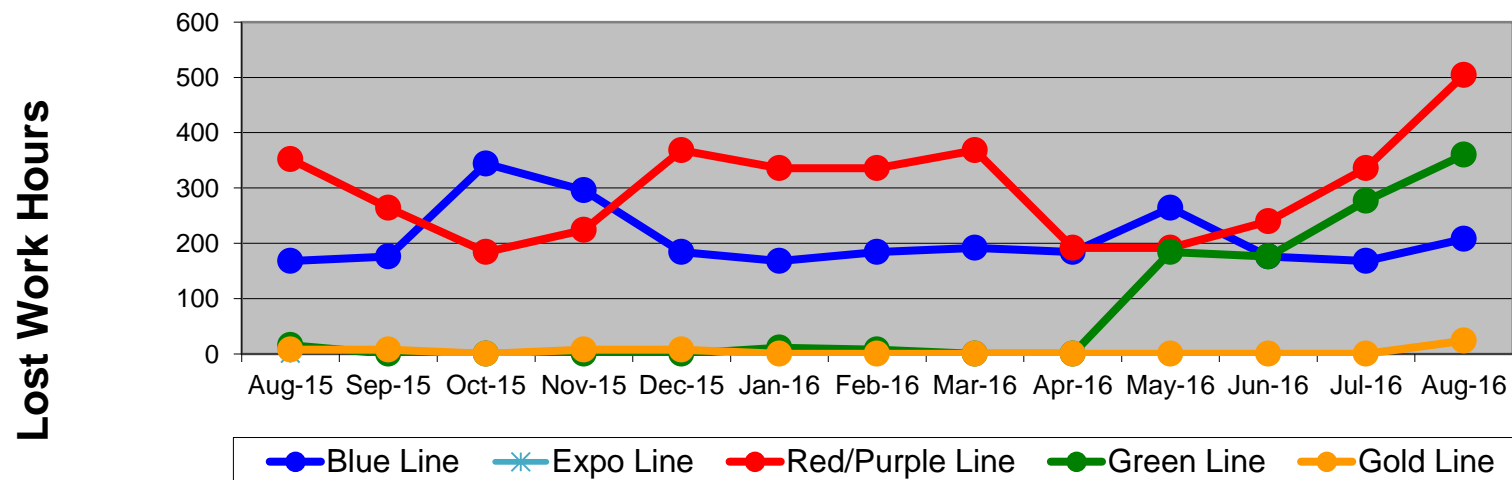
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Industrial Injuries – Lost Work Hours August 2015-2016

	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	13-Month Period
Blue Line	168	176	344	296	184	168	184	192	184	264	176	168	208	2,712
Expo Line	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Red/Purple Line	352	264	184	224	368	336	336	368	192	192	240	336	504	3,896
Green Line	16	0	0	0	0	12	8	0	0	184	176	277	360	1,033
Gold Line	8	8	0	8	8	0	0	0	0	0	0	0	24	56
Totals	544	448	528	528	560	516	528	560	376	640	592	781	1,096	7,697

Industrial Injuries (lost work hours)



Rail Vehicle Accidents & Major Incidents

August 2015-2016

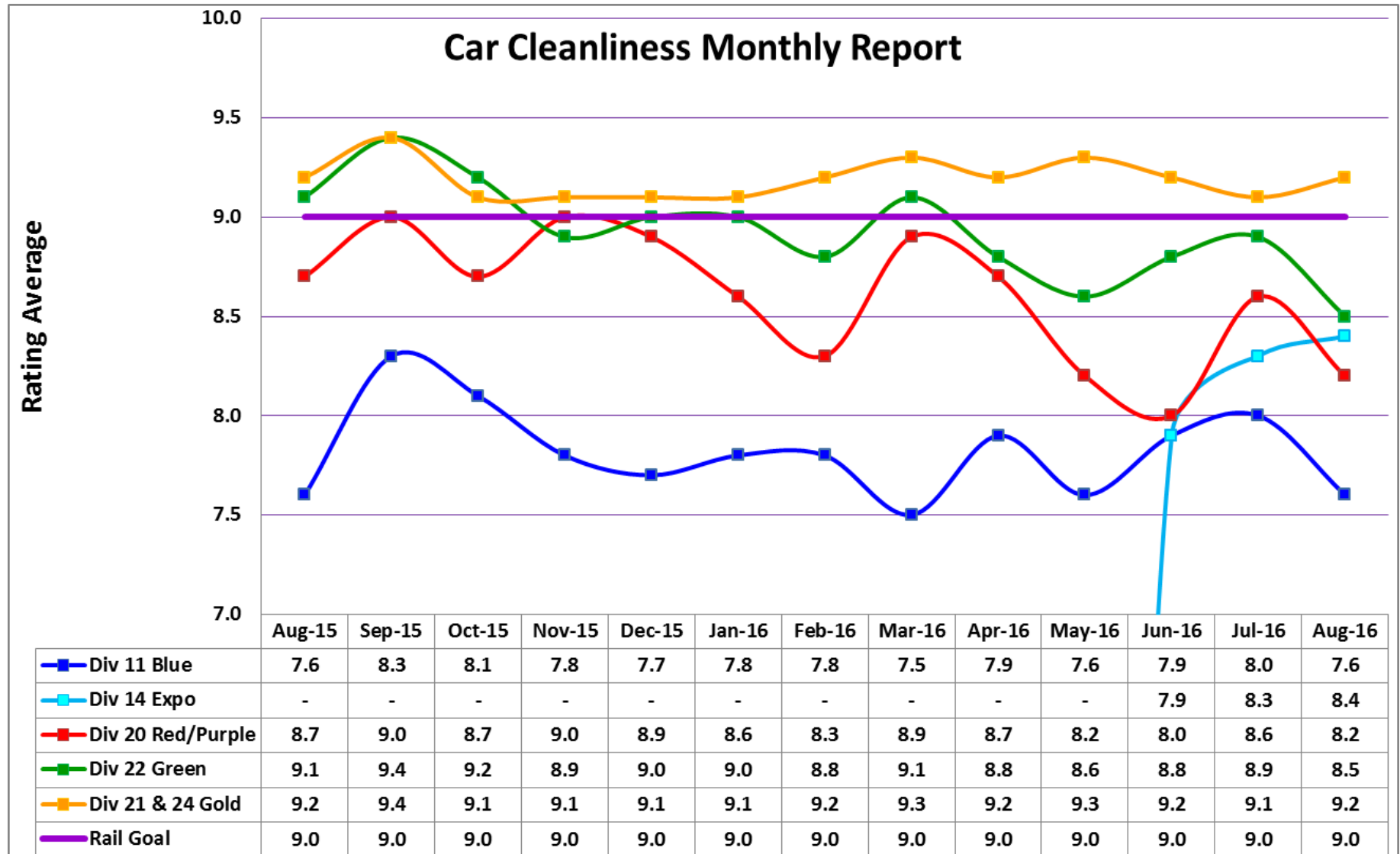
Repair Costs	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	13-Month Period
Blue Line	\$1,971	\$2,838	\$40,969	\$65,454	\$17,160	\$4,570	\$7,379	\$2,037	\$1,232	\$513	\$0	\$0	\$3,211	\$147,334
Expo Line	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$576	\$0	\$576
Red/Purple Line	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,284	\$0	\$1,932	\$840	\$552	\$4,608
Green Line	\$5,333	\$0	\$1,205	\$0	\$23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$51,535	\$58,096
Gold Line	\$2,611	\$0	\$1,074	\$1,547	\$1,547	\$0	\$53	\$1,487	\$4,646	\$0	\$19,451	\$564	\$0	\$32,980
Totals	\$9,915	\$2,838	\$43,248	\$67,001	\$18,730	\$4,570	\$7,432	\$3,524	\$7,162	\$513	\$21,383	\$1,980	\$55,298	\$243,594

Rail Vehicle Accident Costs - August 2016				
Date	Incident #	Problem Code	Incident Description	Repair Cost
Metro Blue Line				
8/5/16	276180	Train vs. Object	A 10-71 was reported at Florence station, Track 2. A passenger struck the train with the surfboard.	\$ -
8/13/16	2764533	Train vs. Pedestrian	A 10-72 was reported at Artesia station.	\$ 2,643
8/23/16	2768583	Train vs. Vehicle	A 10-73 was reported at Pacific and 3rd St., Track 1 NB.	\$ 568
8/30/16	2771057	Train vs. Vehicle	A 10-73 was reported at Washington and Naomi Ave. The vehicle made turn in front of the train. Minor incident with no injuries and no damage.	\$ -
Metro Blue Line Total				\$ 3,211
Metro Expo Line				
8/29/16	2770580	Train vs. Vehicle	A 10-73 was reported at Colorado Blvd. Track 4 SB. Test train, no passengers.	\$ 552
Metro Expo Line Total				\$ 552
Metro Green Line				
8/19/16	2767280	Train vs. Object	A 10-71 was reported, Train vs. Debris on ROW. Four cars were damaged.	\$ 51,535
Metro Green Line Total				\$ 51,535
Metro Red Line				
8/10/16	2763561	Derailment	Cars 513/514 derailed for training exercise.	\$ -
Metro Red Line Total				\$ -
Grand Total				\$ 55,298
10-71 = Train vs. Object/ 10-72 = Train vs. Pedestrian/ 10-73 = Train vs. Vehicle/ 10-74 = Train vs. MTA Vehicle/ 10-75 = Derailment				

Note: Repair costs are only the expenses captured during the time period of the report. Actual costs may be significantly higher, if repairs are spread out over several months.

Rail Vehicle – Car Cleanliness

August 2015-2016



Service Delivery August 2016

August 2016 - Service Delivery

Blue Line Fleet Size: 69

<u>Pull Out</u>	<u>Average Vehicles Required</u>	<u>Average Available</u>	<u>% Up (Down)</u>
Weekday:	60	59	98%
Weekend:	26	49	188%

Monthly Mileage: 464,397

Expo Line Fleet Size: 39

<u>Pull Out</u>	<u>Average Vehicles Required</u>	<u>Average Available</u>	<u>% Up (Down)</u>
Weekday:	27	27	100%
Weekend:	27	28	104%

Monthly Mileage: 228,987

Red/Purple Line Fleet Size: 104

<u>Pull Out</u>	<u>Average Vehicles Required</u>	<u>Average Available</u>	<u>% Up (Down)</u>
Weekday:	74	78	105%
Weekend:	54	68	126%

Monthly Mileage: 629,438

Green Line Fleet Size: 29

<u>Pull Out</u>	<u>Average Vehicles Required</u>	<u>Average Available</u>	<u>% Up (Down)</u>
Weekday:	22	22	100%
Weekend:	14	16	114%

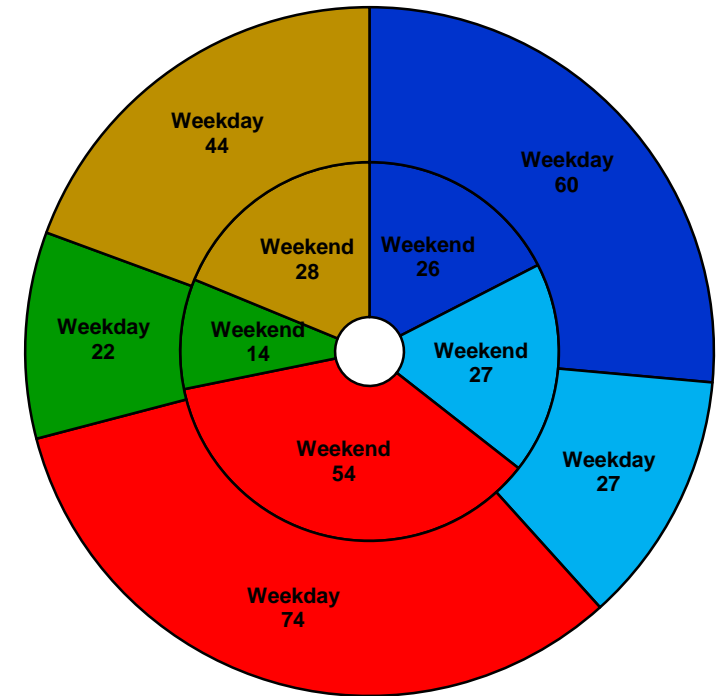
Monthly Mileage: 236,559

Gold Line Fleet Size: 60

<u>Pull Out</u>	<u>Average Vehicles Required</u>	<u>Average Available</u>	<u>% Up (Down)</u>
Weekday (Div 21):	10	10	100%
Weekday (Div 24):	34	37	109%
Weekend (Div 24):	28	38	136%

***Monthly Mileage: 492,947**

*** Gold Line monthly mileage includes Division 21 and 24.**



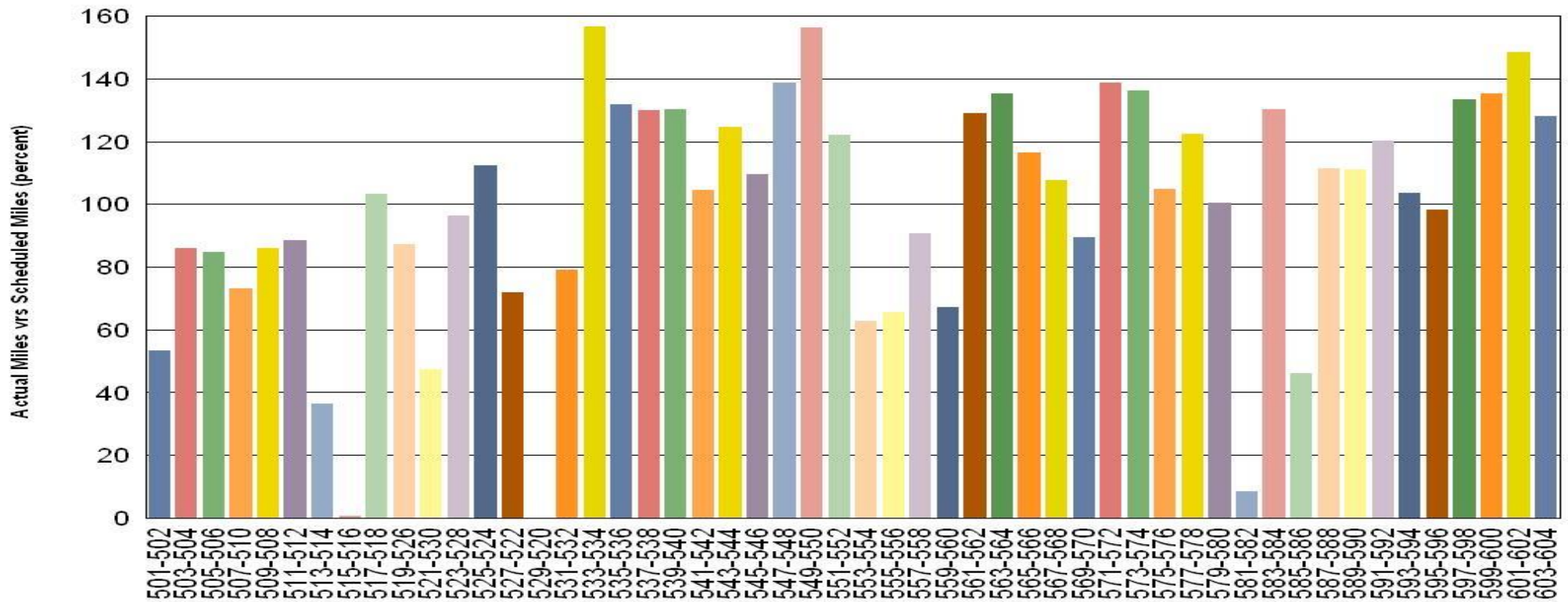
■ Blue Line
 ■ Expo Line
 ■ Red/Purple Line
 ■ Green Line
 ■ Gold Line



Metro

Vehicle Utilization August 2016

Metro Red/Purple Line (104 Cars)



Red/Purple Line:

The following cars were out of service due to:

Car # 513-514 – Propulsion Problem

Car # 515-516 – Floor Replacement Project

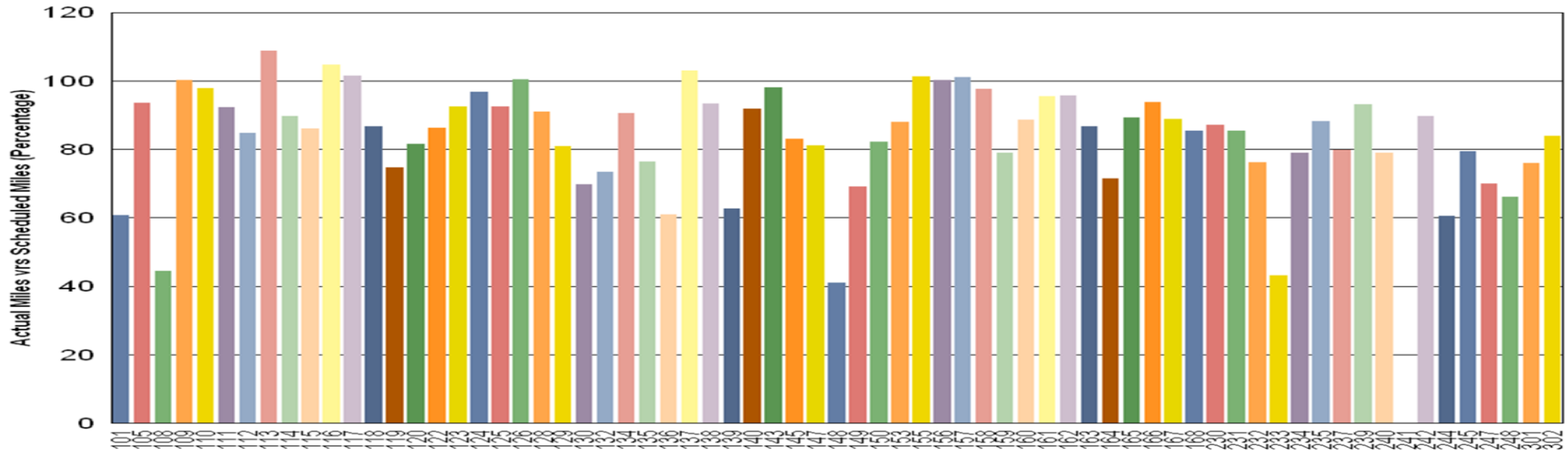
Car # 529-520 – Pending for Blower Motors

Car # 581-582 – Component Overhaul Campaign



Vehicle Utilization August 2016

Metro Blue Line (69 Cars)



Blue/Expo Line: The following car was out of service due to:

Car # 241 – Truck work, Overhaul and Parts Issues

Expo Line: The following cars were out of service due to:

Car # 249 Prop Fault / Air Hose Campaign

Car # K1019 Wheel Truing (Flats), & Open work orders

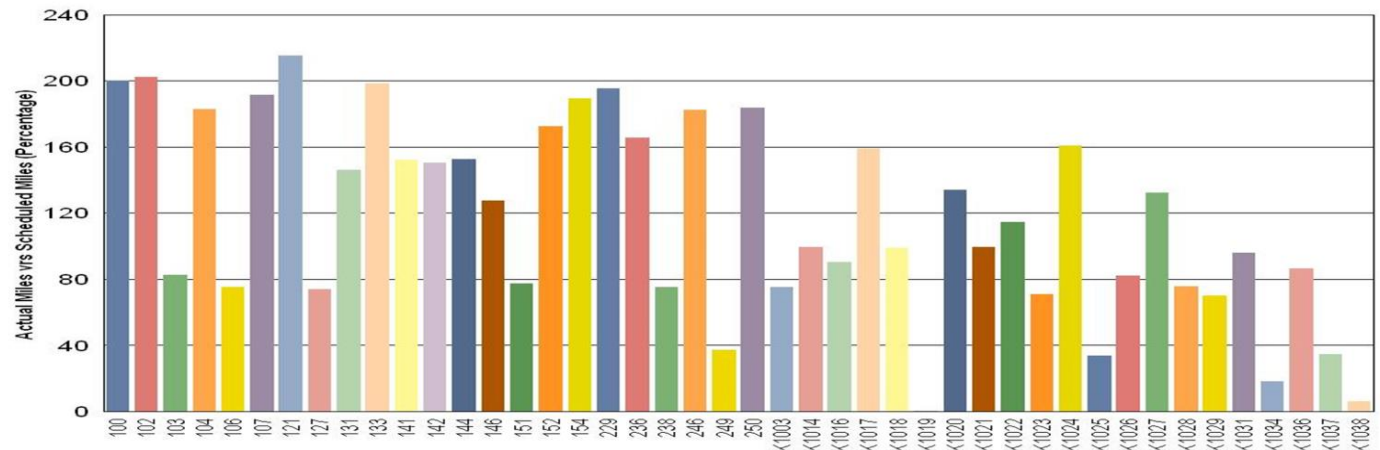
Car # K1025 Pa-Pic Issues & Open work orders

Car # K1034 CPUC accepted 08/26/16

Car # K1037 CPUC accepted 08/07/16
Coupler / Door issues

Car # K1038 CPUC accepted 08/26/16

Metro Expo Line (39 Cars)



Vehicle Utilization August 2016

Green Line:

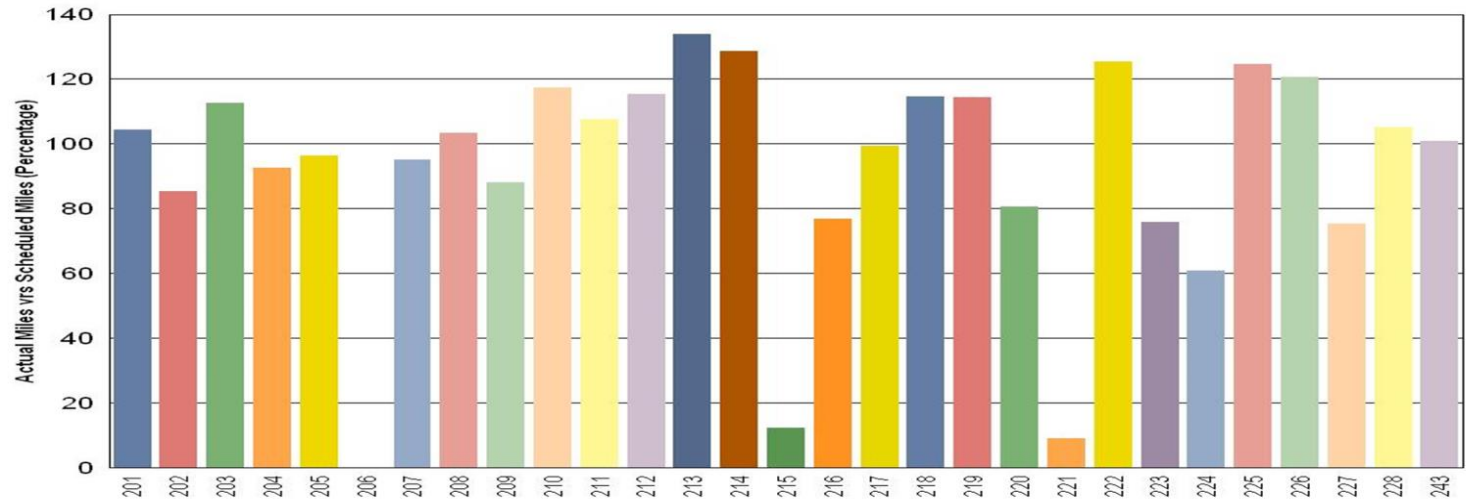
The following cars were out of service due to:

Car # 206 - Engineering Hold

Car # 215 - 90K Inspection

Car # 221 - Ext Paint/Body Rehab

Metro Green Line (29 Cars)



Gold Line:

The following cars were out of service due to:

Car # 707 - Train to Wayside
Communication fault

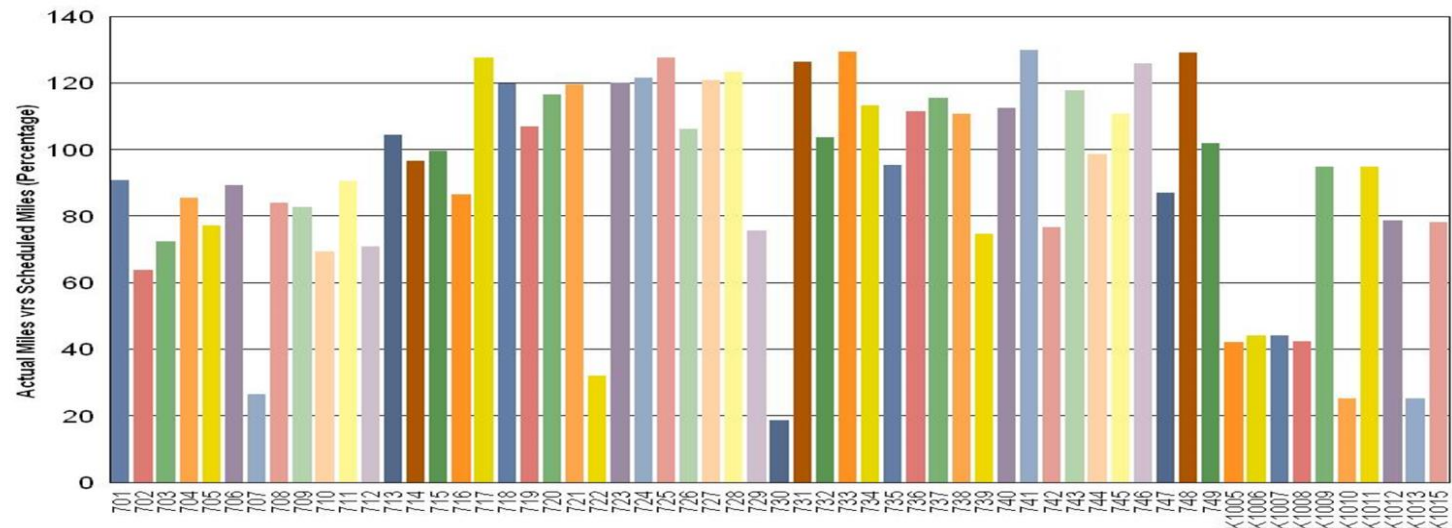
Car # 722 - Leaking Journal Bearings

Car # 730 - Problem with different
wheel diameters

Car # K1010 - Propulsion Faults
(Warranty)

Car # K1013 - Propulsion Faults
(Warranty)

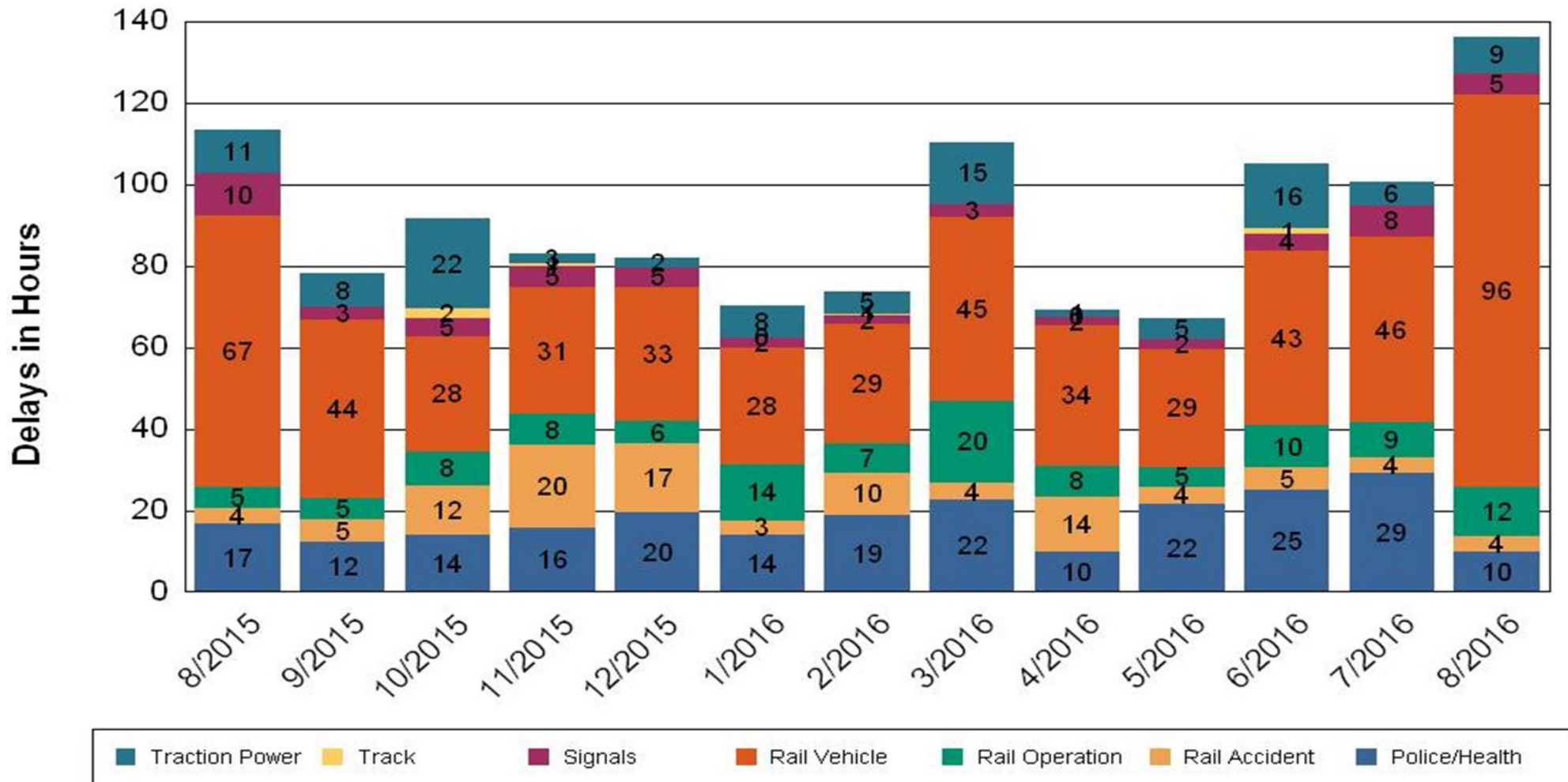
Metro Gold Line (60 Cars)



All Train Delays (Hours) August 2015-2016

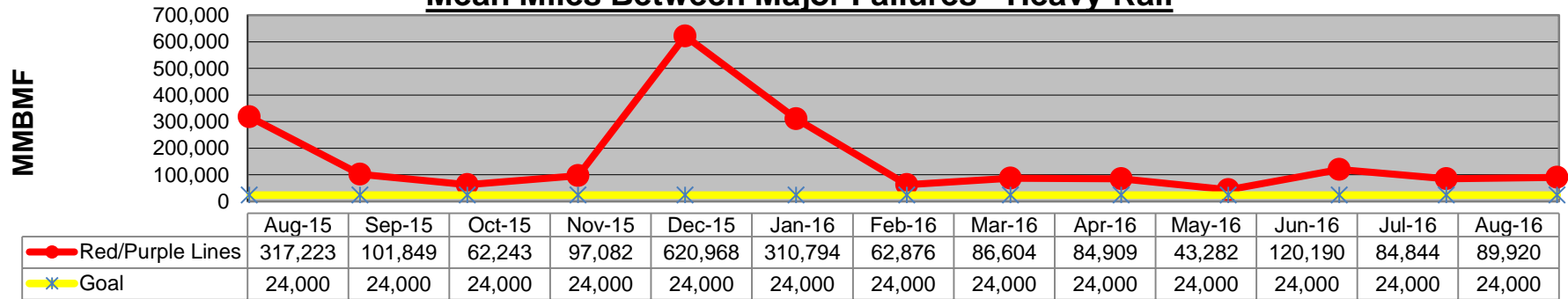
All Train Delays

Totals Include the delay to all trains involved (not just the primary incident)

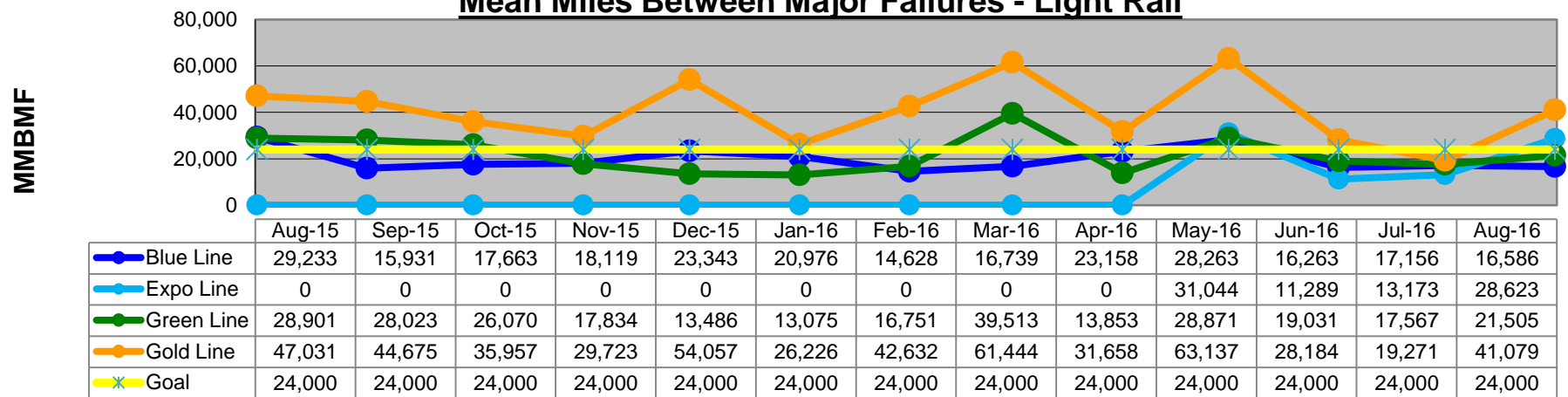


Mean Miles Between Failures (Major) August 2015-2016

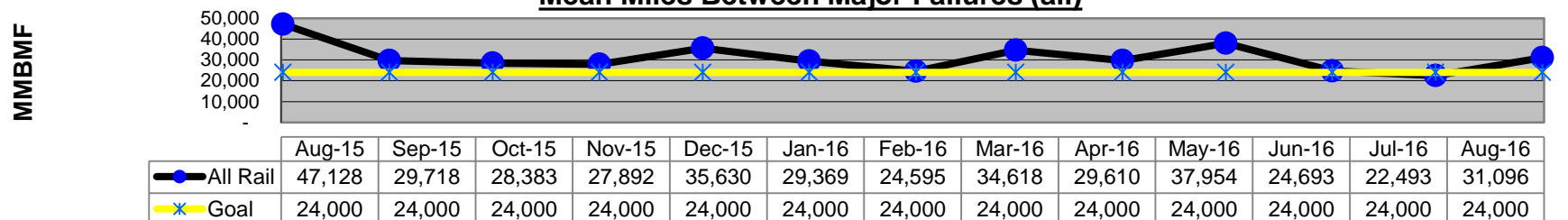
Mean Miles Between Major Failures - Heavy Rail



Mean Miles Between Major Failures - Light Rail



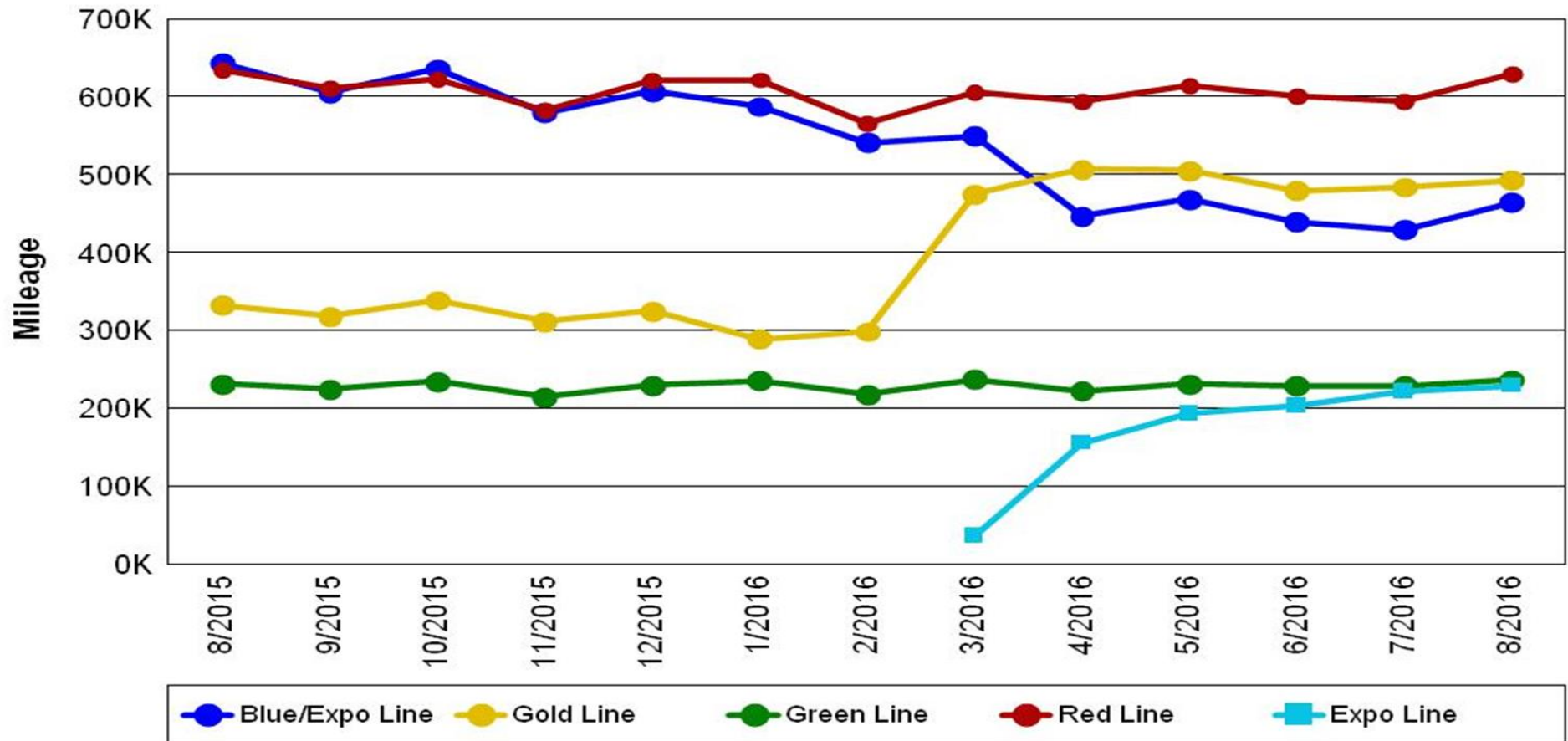
Mean Miles Between Major Failures (all)



Mileage Between Data Range (by month)

August 2015-2016

Rail Division Monthly Mileage



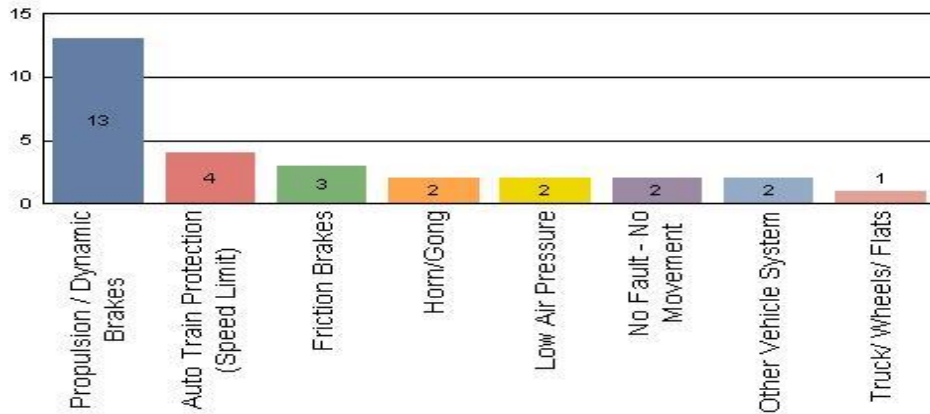
Notes:

- ❖ Gold Line increase in mileage is due to the open of the Foothill extension, which includes stations further apart and faster average running speeds.
- ❖ With the opening of Division 14 in Santa Monica, the Expo Line mileage is now being reported separately from the Blue Line.

Top Incident Categories August 2016

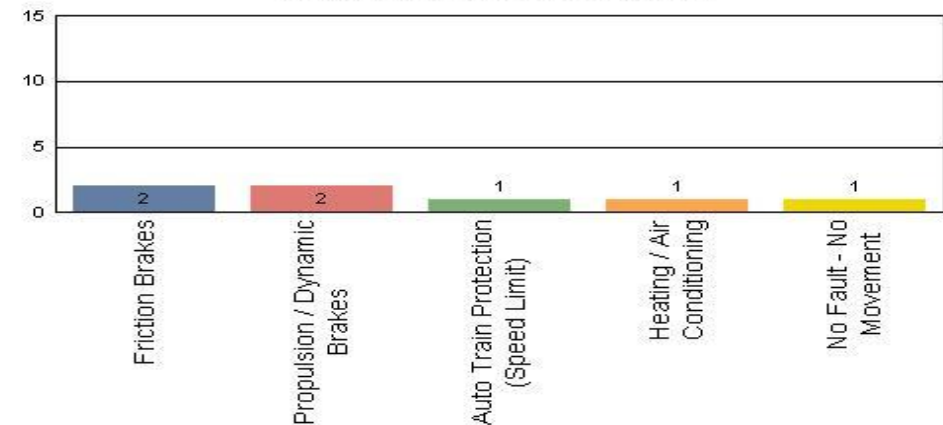
Metro Blue Line (Div 11)

Top Incident Categories



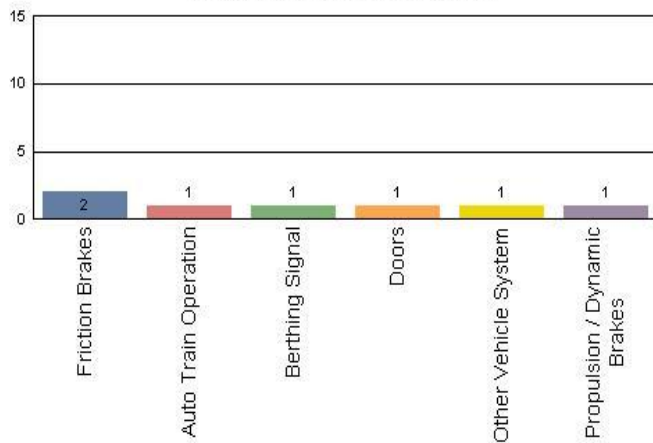
Metro Expo Line (Div 14)

Top Incident Categories



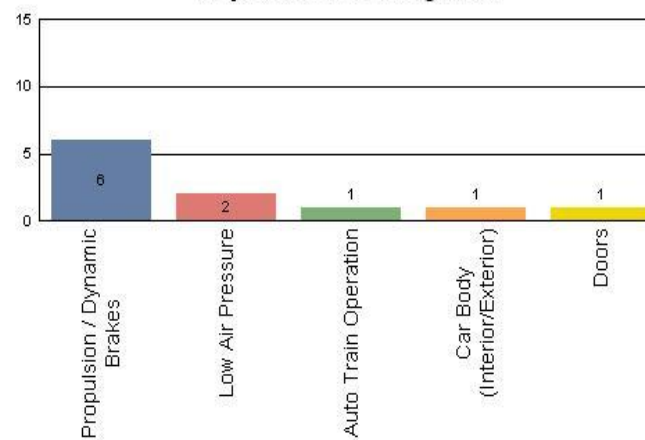
Metro Red/Purple Line (Div 20)

Top Incident Categories



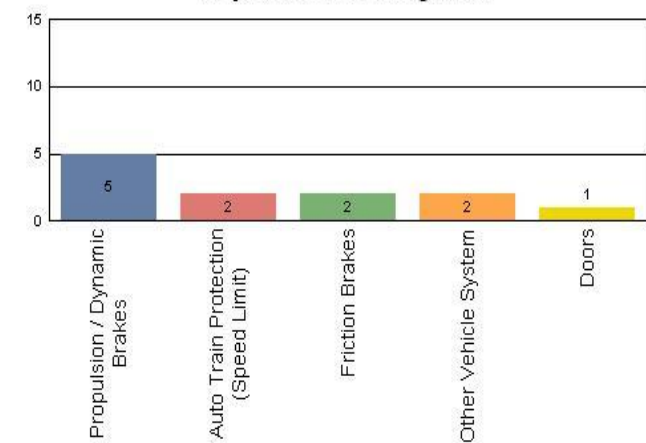
Metro Green Line (Div 22)

Top Incident Categories



Metro Gold Line (Div 21 & Div 24)

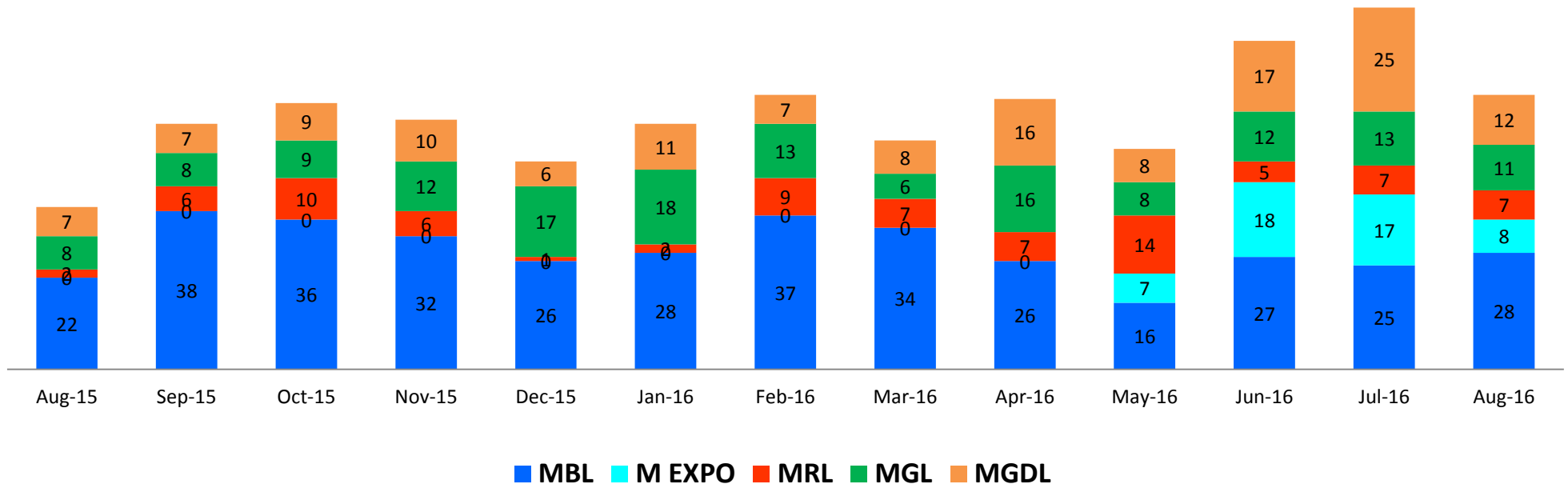
Top Incident Categories



Major Incidents

August 2015-2016

Numbers of Major System Failures (by Line)



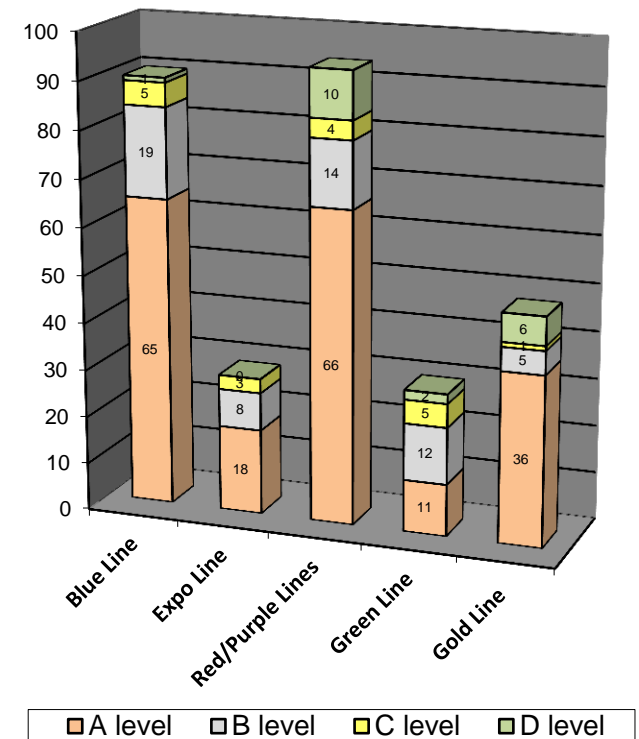
Preventive Maintenance Compliance

August 2015-2016

PM Compliance	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
Blue Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Expo Line	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%
Red/Purple Lines	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Green Line	100%	100%	100%	93%	97%	97%	100%	100%	100%	93%	100%	100%	100%
Gold Line	100%	100%	94%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

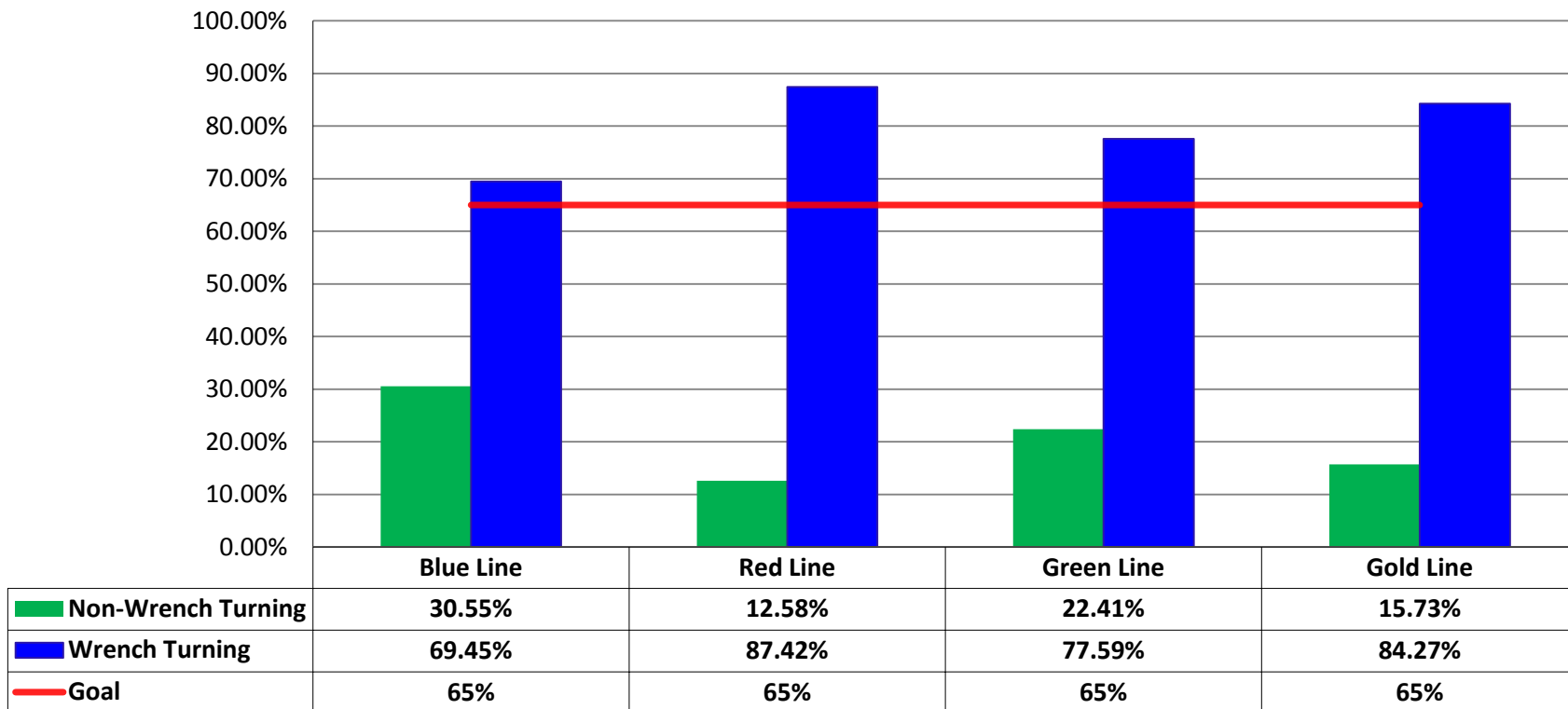
Number of Preventive Maintenance Inspections - August 2016					
Line	A level	B level	C level	D level	Totals
Blue Line	65	19	5	1	90
Expo Line	18	8	3	0	29
Red/Purple Lines	66	14	4	10	94
Green Line	11	12	5	2	30
Gold Line	36	5	1	6	48
Totals:	196	58	18	19	291

Explanation of PM Inspection levels		Miles			
Line	Type	A level	B level	C level	D level
Blue/Expo Lines	P865/P2020	5,000	15,000	30,000	60,000
Blue/Expo Lines	P2000	7,500	22,500	45,000	90,000
Red/Purple Lines	A650	7,500	22,500	45,000	90,000
Green Line	P2000	7,500	22,500	45,000	90,000
Gold Line	P2550	10,000	30,000	60,000	120,000
Gold/Expo Lines	P3010	10,000	30,000	60,000	120,000



RFS Leader Wrench Turning August 2016

RFS - Leader Wrench Turning August 2016



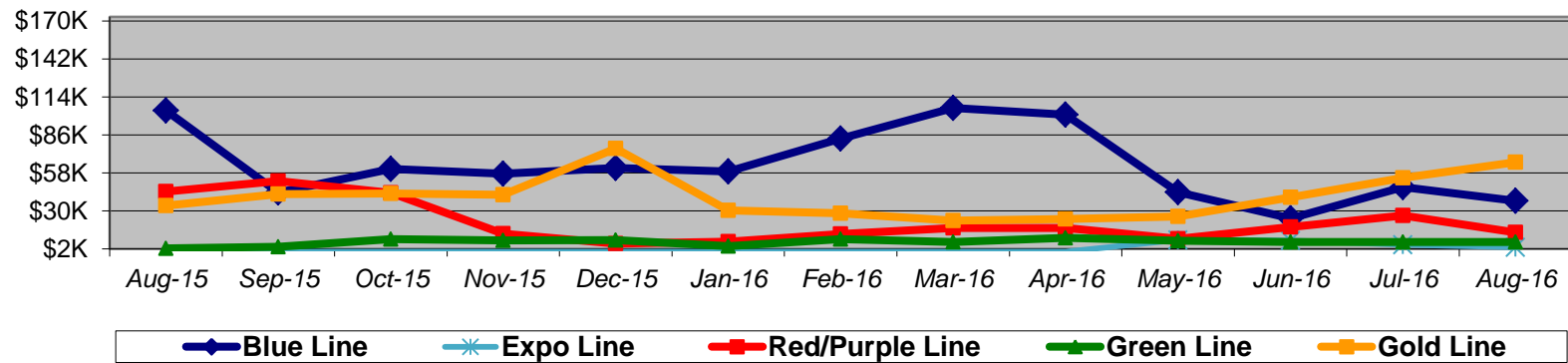
Notes: Labor hours contributed by Maint Specialist Leader, Rail Body/Paint Repair Leader, and Maint Specialist Temporary Leader

Vandalism & Graffiti Report

August 2015-2016

Graffiti Costs

	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	13-Month Period
Blue Line	\$104K	\$43K	\$61K	\$58K	\$62K	\$59K	\$83K	\$106K	\$101K	\$44K	\$24K	\$48K	\$38K	\$830K
Expo Line	\$K	\$K	\$K	\$K	\$K	\$K	\$K	\$K	\$K	\$9K	\$8K	\$5K	\$3K	\$25K
Red/Purple Line	\$44K	\$52K	\$43K	\$13K	\$6K	\$7K	\$13K	\$17K	\$17K	\$9K	\$18K	\$27K	\$14K	\$283K
Green Line	\$2K	\$4K	\$9K	\$8K	\$9K	\$4K	\$9K	\$7K	\$10K	\$8K	\$7K	\$7K	\$7K	\$92K
Gold Line	\$34K	\$42K	\$43K	\$42K	\$76K	\$30K	\$28K	\$23K	\$24K	\$26K	\$40K	\$54K	\$66K	\$529K
Totals:	\$185K	\$142K	\$156K	\$121K	\$152K	\$101K	\$134K	\$153K	\$153K	\$96K	\$98K	\$141K	\$128K	\$1,759K



August 2016 Vandalism & Graffiti - All Rail				
	Qty	Labor	Materials	Totals
Windows Replaced	105	\$ 20,790	\$ 19,788	\$ 40,578
Vandal Shields Replaced	517	\$ 13,703	\$ 6,906	\$ 20,609
Seats Cleaned	420	\$ 1,929	\$ 168	\$ 2,097
Seats Inserts Replaced	164	\$ 5,184	\$ 5,870	\$ 11,054
Graffiti Removal - Other	1,417	\$ 24,992	\$ 22,101	\$ 47,093
Repainting Panels	185	\$ 6,315	\$ 90	\$ 6,405
Totals	2,808	\$ 72,913	\$ 54,923	\$ 127,836

Vandalism & Graffiti Pictures August 2016

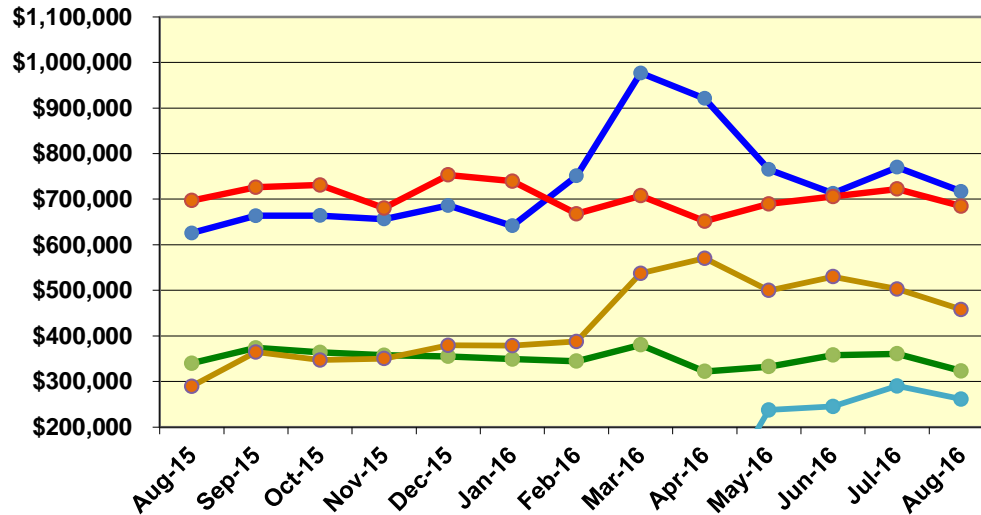
Blue Line



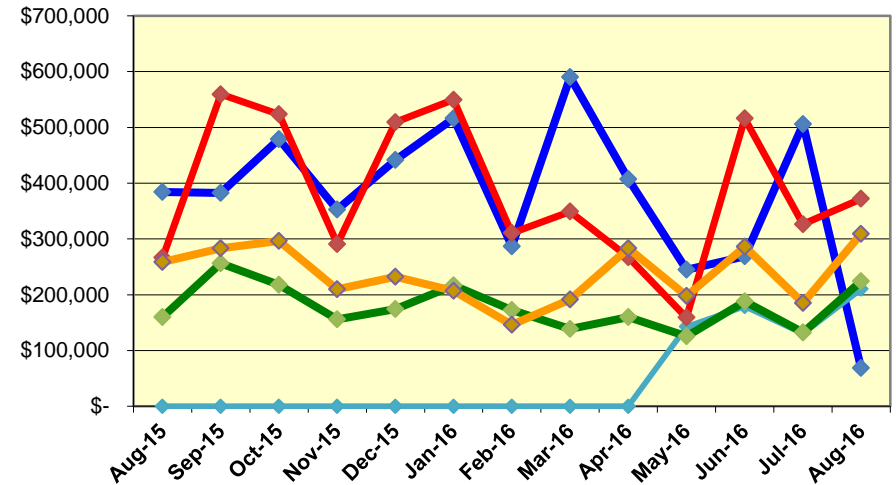
Labor and Material Costs

August 2015-2016

Labor Costs



Material Costs



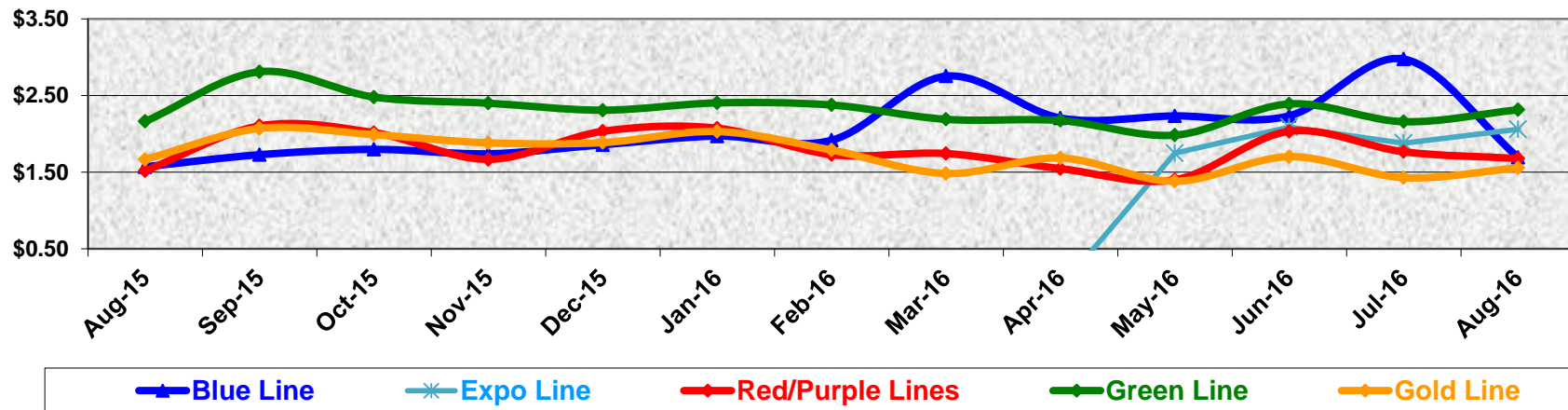
	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
Labor Costs													
Blue Line	\$ 625,577	\$ 663,752	\$ 663,965	\$ 656,195	\$ 686,227	\$ 641,613	\$ 750,961	\$ 976,568	\$ 920,945	\$ 765,108	\$ 712,774	\$ 770,143	\$ 716,923
Expo Line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 237,630	\$ 245,339	\$ 290,199	\$ 261,217
Red/Purple Lines	\$ 697,095	\$ 726,107	\$ 731,128	\$ 680,629	\$ 753,216	\$ 739,336	\$ 667,772	\$ 707,560	\$ 651,771	\$ 689,764	\$ 705,772	\$ 722,363	\$ 684,555
Green Line	\$ 340,115	\$ 373,698	\$ 363,868	\$ 357,622	\$ 355,057	\$ 349,152	\$ 344,701	\$ 380,356	\$ 322,108	\$ 332,662	\$ 357,807	\$ 360,682	\$ 323,087
Gold Line	\$ 289,571	\$ 364,544	\$ 347,072	\$ 350,038	\$ 379,336	\$ 378,751	\$ 387,820	\$ 537,337	\$ 570,186	\$ 499,874	\$ 529,761	\$ 502,967	\$ 458,067
Totals	\$ 1,952,358	\$ 2,128,101	\$ 2,106,033	\$ 2,044,483	\$ 2,173,836	\$ 2,108,852	\$ 2,151,255	\$ 2,601,822	\$ 2,465,011	\$ 2,525,038	\$ 2,551,454	\$ 2,646,353	\$ 2,443,849

	Material Costs												
Blue Line	\$ 384,178	\$ 382,274	\$ 478,960	\$ 352,710	\$ 441,523	\$ 515,933	\$ 286,531	\$ 589,879	\$ 407,085	\$ 245,001	\$ 268,750	\$ 505,721	\$ 68,670
Expo Line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 142,495	\$ 179,099	\$ 130,419	\$ 210,312
Red/Purple Lines	\$ 266,405	\$ 559,179	\$ 523,558	\$ 290,721	\$ 509,448	\$ 549,576	\$ 310,489	\$ 349,093	\$ 267,284	\$ 159,258	\$ 515,978	\$ 326,251	\$ 371,920
Green Line	\$ 159,916	\$ 256,185	\$ 217,820	\$ 155,914	\$ 174,269	\$ 216,535	\$ 172,625	\$ 138,673	\$ 159,615	\$ 125,334	\$ 188,111	\$ 132,247	\$ 224,414
Gold Line	\$ 258,793	\$ 282,958	\$ 296,684	\$ 209,546	\$ 232,338	\$ 206,856	\$ 145,891	\$ 191,351	\$ 283,211	\$ 197,620	\$ 285,877	\$ 185,153	\$ 308,906
Totals	\$ 1,069,291	\$ 1,480,596	\$ 1,517,022	\$ 1,008,891	\$ 1,357,578	\$ 1,488,899	\$ 915,536	\$ 1,268,996	\$ 1,117,195	\$ 869,708	\$ 1,437,815	\$ 1,279,791	\$ 1,184,222

Cost Per Mile August 2015-2016

Cost per mile:	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Average
Blue Line	\$1.57	\$1.73	\$1.80	\$1.74	\$1.86	\$1.97	\$1.92	\$2.75	\$2.21	\$2.23	\$2.24	\$2.97	\$1.69	\$2.05
Expo Line	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.75	\$2.09	\$1.88	\$2.06	\$1.94
Red/Purple Lines	\$1.52	\$2.10	\$2.02	\$1.67	\$2.03	\$2.07	\$1.73	\$1.74	\$1.55	\$1.40	\$2.03	\$1.77	\$1.68	\$1.79
Green Line	\$2.16	\$2.81	\$2.48	\$2.40	\$2.31	\$2.40	\$2.38	\$2.19	\$2.17	\$1.98	\$2.39	\$2.16	\$2.31	\$2.32
Gold Line	\$1.67	\$2.07	\$1.99	\$1.88	\$1.89	\$2.03	\$1.79	\$1.48	\$1.68	\$1.38	\$1.70	\$1.43	\$1.56	\$1.73

Cost per Mile



ATU Absences vs. Overtime

August 2016

ABSENCE TYPE and HOURS	3941 Blue	3947 Expo	3942 Red	3943 Green	3944 Gold	3948 Monrovia	Total
AWP-ABSENT W/O PERMISSION	-	-	8	8	-	-	16
BER-BEREAVEMENT	88	-	56	8	-	-	152
CTO-COMPENSATORY TIME OFF	31	32	216	176	8	52	515
CUT-EMPLOYEE LEAVES EARLY	-	3	0	-	-	-	3
DSL-DISABILITY LEAVE/LONG	624	64	352	-	-	-	1,040
EFH-EMG. FLOAT HOL.	80	40	104	72	16	96	408
ETO-EXCUSED TIME OFF	79	18	54	8	1	17	176
FMI-FAM IND INJURY	-	-	176	80	184	-	440
FML-FAMILY CARE LEAVE	536	296	200	333	216	24	1,605
FMS-FAMILY LEAVE SICK	144	-	120	28	32	24	348
HLF-HOLIDAY FLOATING	624	248	344	152	80	284	1,732
II-INDUSTRIAL INJURY	24	-	-	176	-	128	328
IIR-INDUS INJURY -REOCCUR.	-	-	136	-	-	-	136
JUR-JURY DUTY	16	-	-	8	-	-	24
LC1-LABOR CODE 233	136	26	88	72	24	114	460
LTI-OCCPIL/LONGTRM INJ LEAVE	184	-	368	184	-	-	736
MLN-MILITARY ABSENCE-UNPAID	-	-	40	-	-	-	40
OWP-OFF WITH PERMISSION	-	-	1	8	-	-	9
RTO-REQUESTED TIME OFF-NO PAY	32	-	8	-	-	-	40
SCK-SICK PAY	258	24	212	48	56	172	770
SCW-SICK WITHOUT PAY	39	-	-	32	-	16	87
SPN-SCHOOL PARTNER NOT PAID	-	-	-	-	-	16	16
SUS-DISCIPLINARY SUSPENSION	32	-	-	-	-	-	32
TAR-TARDY	2	0	3	1	-	2	8
UNP-UNION BUS PAID	16	16	16	-	-	-	48
VAC-VACATION	1,836	272	2,044	936	360	1,052	6,500
VAS-VACATION WHILE SICK	-	-	21	-	-	-	21
*TRAINING	400	-	-	-	304	2,264	2,968
Total Absence Hours	5,181	1,039	4,567	2,329	1,281	4,260	18,656
**ATU Number of Work Force (active)	110	33	103	44	17	61	368
Full Work Force hours/month	19,063	5,719	17,850	7,625	2,946	10,573	63,774
Absence as a % of Work Force	27%	18%	26%	31%	43%	40%	29%

OVERTIME TYPE and HOURS	3941 Blue	3947 Expo	3942 Red	3943 Green	3944 Gold	3948 Monrovia	Total
CTB-COMPENSATORY TIME TO BANK	235	81	664	145	8	157	1,291
OTP-PREM OVERTIME	3,913	1,348	3,972	1,517	57	1,160	11,967
TRO OVERTIME	-	7	16	4	-	-	27
WLO-Worked Lunch Overtime	154	119	228	91	27	75	693
Total Overtime Hours	4,303	1,555	4,880	1,757	91	1,392	13,979
Overtime as a % of Work Force	23%	27%	27%	23%	3%	13%	22%

*Training hours captured by Instruction Department are added to Absences Report.

**ATU Employee Numbers from ATU Manpower Status Report (last week of the month)



Metro

Note: Overtime also covers other required activities, including Training, Component Overhaul, and Special Events.

RFS Instruction Department Activities

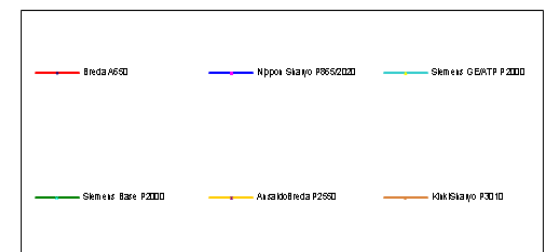
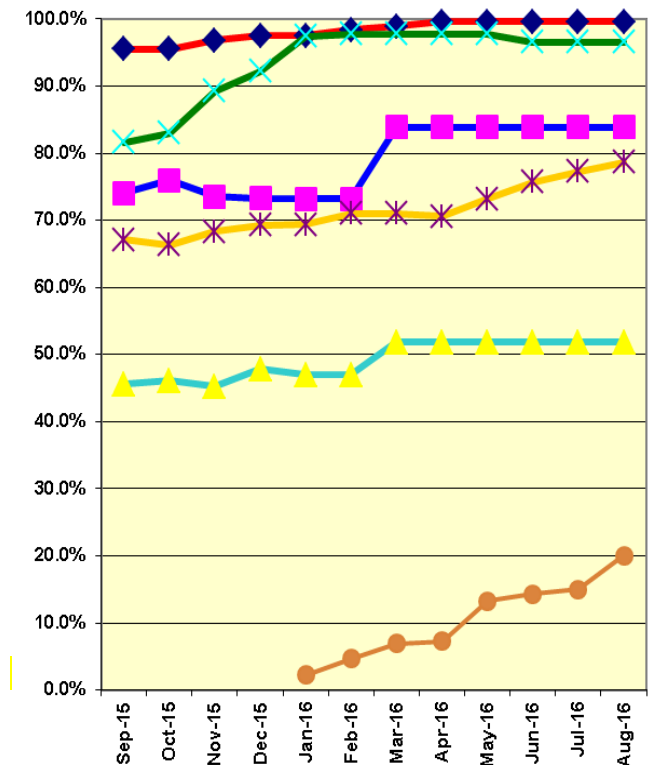
August 2016

LRV Training classes completed during the month of August 2016

Description	Course Hours	Student Count	Training Hours
<u>Blue Line Training - (P865/2020 & P2000 LRVs):</u>			
RFS 2-WEEK RAIL INTRODUCTION	80	5	400
Total Blue Line Training (Hours):			400
<u>Light Rail Training [In Monrovia (P3010 LRVs)]:</u>			
RFS KINKISHARYO AIR COMFORT SYSTEM	24	10	240
RFS KINKISHARYO DOOR SYSTEMS	24	11	264
RFS KINKISHARYO FRICTION BRAKES AND CTRLS	32	11	352
RFS KINKISHARYO EVENT RECORDER & PASS. INFO DSNLY	8	10	80
RFS KINKISHARYO PROPULSION PWR/CTRL ELECT	48	11	528
RFS KINKISHARYO AUXILIARY POWER SUPPLY	40	10	400
RFS 2-WEEK RAIL INTRODUCTION	80	5	400
Total Light Rail Training (Hours):			2264
<u>Expo Line Training - (P865/2020, P2000, & P3010 LRVs):</u>			
No vehicle training this month			
Total Expo Line Training (Hours):			0
<u>Gold Line Training (P2550 LRVs):</u>			
RFS ANSALDOBREDA 2550 CARBODY	16	4	64
RFS ANSALDOBREDA 2550 DOORS	32	5	160
RFS ANSALDOBREDA 2550 EVENT RECORDER	16	5	80
Total Gold Line Training (Hours):			304
<u>Green Line Training (P2000 LRVs):</u>			
No vehicle training this month			
Total Green Line Training (Hours):			0
Total RFS Instruction for the month of August 2016 (Hours):			2,968

Core Vehicle Training Completed:	BLUE	EXPO	GOLD	GREEN
Percentage of core vehicle training complete:	83.9%	38.0%	78.7%	96.6%
Siemens P2000 training complete:	51.8%	37.3%	N/A	N/A
KinkiSharyo P3010 training complete:	N/A	20.0%	N/A	N/A
Average Specialist Rail Experience Level in Years:	15.0	2.2	7.4	10.1

Core Training Completed



Variations caused by new hires, employee transfers, & training completed

RFS Instruction Department Activities

August 2016

HRV & Other Training classes completed during the month of August 2016

<u>Description</u>	<u>Course Hours</u>	<u>Student Count</u>	<u>Training Hours</u>
Red Line Training - Breda A650 HRV:			
NO VEHICLE TRAINING THIS MONTH	0	0	0
Total Red Line Training Hours			0

<u>Other Instruction Activities</u>	<u>Curriculum</u>	<u>Administrative</u>	<u>Technical Support</u>	<u>Total</u>
A650 Curriculum, Administrative, and Technical Support	0	144	24	168
P865/P2020 Curriculum, Administrative, and Technical Support	8	32	32	72
P2000 Curriculum, Administrative, and Technical Support	30	72	8	110
P2550 Curriculum, Administrative, and Technical Support	6	30	16	52
P3010 Curriculum, Administrative, and Technical Support	300	8	0	308
P3010 10K Technical Support/Training	0	0	96	96
Time Off (HOL, TOV, & SCK)				112
Total Other Instruction Activities				918

NOTE: RAIL SYSTEM SAFETY provided by Transportation

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Core Vehicle Training Completed: RED

Percentage of Core Vehicle Training Complete: 99.6%

Average Specialist Rail Experience Level in Years: 12.6