



Rail Fleet Services Monthly Report May 2017

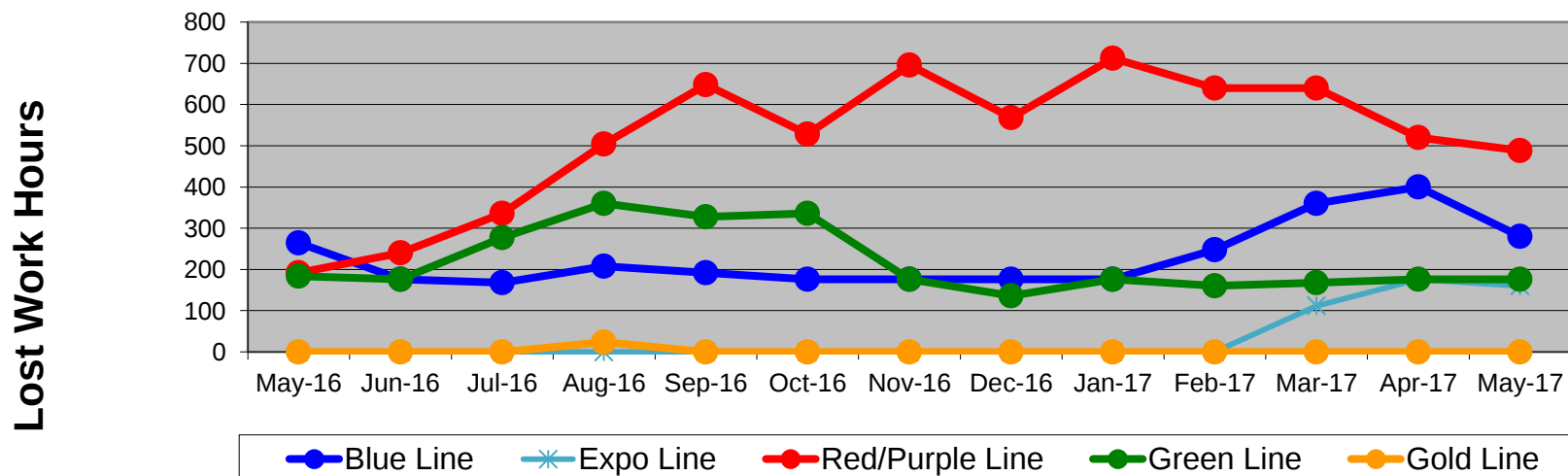
Table of Contents

•	Safety & Cleanliness		
	- Industrial Injuries	Page	3
	- Rail Vehicle Accidents & Major Incidents	Page	4
	- Car Cleanliness	Page	5
•	Customer Service		
	- Service Delivery – AM/PM Pull-Outs	Page	6
	- Vehicle Utilization – Red Line	Page	7
	- Vehicle Utilization – Blue Line & Expo Line	Page	8
	- Vehicle Utilization – Green Line & Gold Line	Page	9
	- All Train Delay Incidents	Page	10
	- Mean Miles Between Failures (Major) & MMBF by Division	Page	11-12
	- Mileage Between Data Range (by month)	Page	13
•	Business Processes		
	- Top Incident Categories	Page	14
	- Major Incidents	Page	15
	- Preventive Maintenance Compliance	Page	16
	- RFS Leader Wrench Turning	Page	17
•	Finance		
	- Vandalism & Graffiti Costs	Page	18
	- Vandalism & Graffiti Pictures	Page	19
	- Labor & Material Costs	Page	20
	- Cost per mile	Page	21
	- Absence vs. Overtime	Page	22
•	Growth		
	- RFS Instruction Department Activities	Page	23-24

Industrial Injuries – Lost Work Hours May 2016-2017

	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	13-Month Period
Blue Line	264	176	168	208	192	176	176	176	176	248	360	400	280	3,000
Expo Line	0	0	0	0	0	0	0	0	0	0	112	176	160	448
Red/Purple Line	192	240	336	504	648	528	696	568	712	640	640	520	488	6,712
Green Line	184	176	277	360	328	336	176	136	176	160	168	176	176	2,829
Gold Line	0	0	0	24	0	0	0	0	0	0	0	0	0	24
Totals	640	592	781	1,096	1,168	1,040	1,048	880	1,064	1,048	1,280	1,272	1,104	13,013

Industrial Injuries (lost work hours)



Rail Vehicle Accidents & Major Incidents

May 2016-2017

Repair Costs	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	13-Month Period
Blue Line	\$513	\$0	\$0	\$3,211	\$665	\$28,089	\$0	\$2,352	\$170,311	\$0	\$1,427	\$2,586	\$0	\$209,154
Expo Line	\$0	\$0	\$576	\$0	\$12,921	\$9,468	\$0	\$381	\$763	\$1,930	\$0	\$1,420	\$0	\$27,459
Red/Purple Line	\$0	\$1,932	\$840	\$552	\$0	\$0	\$0	\$0	\$0	\$1,032	\$0	\$0	\$0	\$4,356
Green Line	\$0	\$0	\$0	\$51,535	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$334	\$0	\$51,869
Gold Line	\$0	\$19,451	\$564	\$0	\$0	\$5,694	\$0	\$0	\$3,789	\$15,829	\$1,871	\$191	\$2,692	\$50,081
Totals	\$513	\$21,383	\$1,980	\$55,298	\$13,586	\$43,251	\$0	\$2,733	\$174,863	\$18,791	\$3,298	\$4,531	\$2,692	\$342,919

Rail Vehicle Accident Costs - May 2017

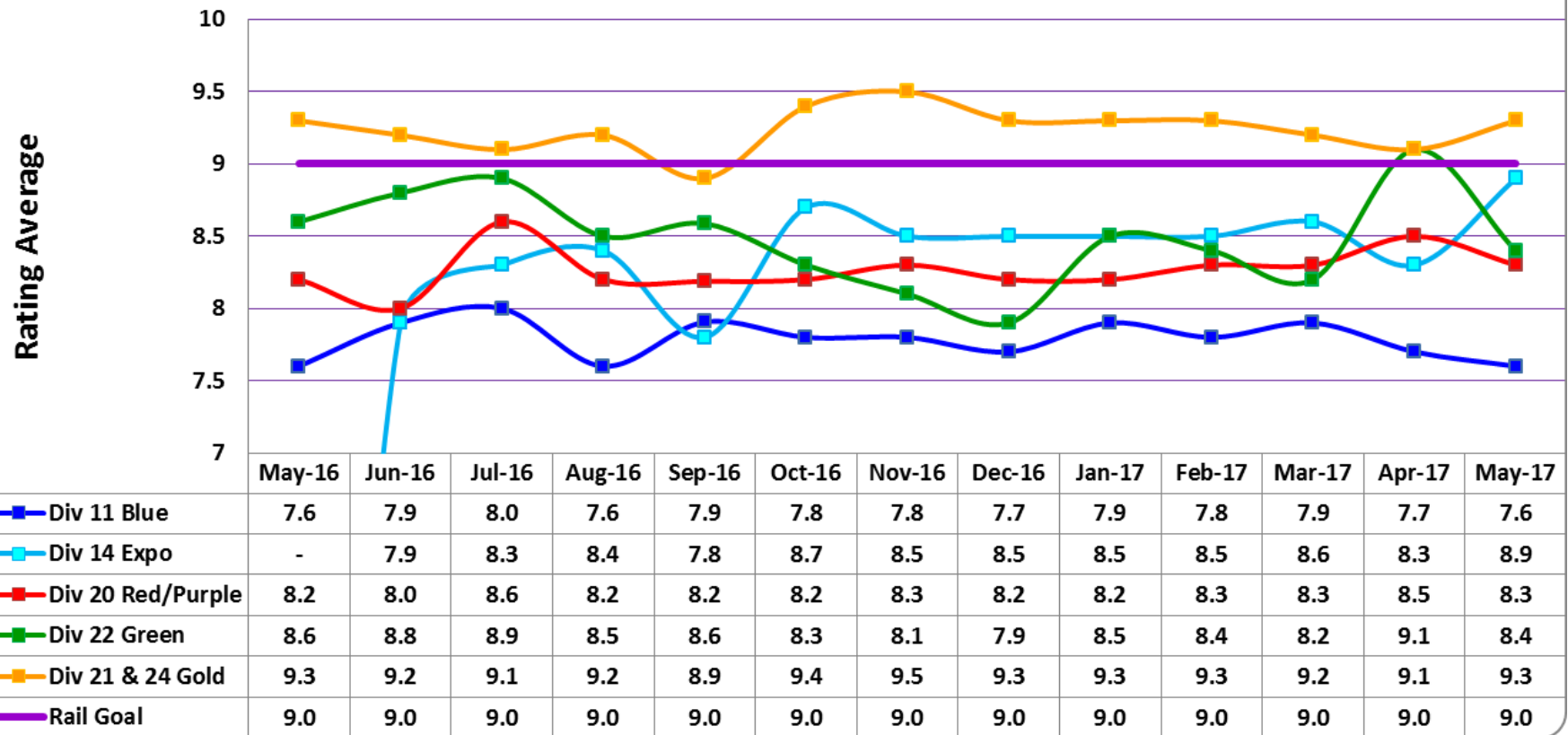
Date	Incident #	Problem Code	Incident Description	Repair Cost
Metro Gold Line				
5/9/17	2864540	Train vs. Vehicle	A 10-73 was reported. Hit & Run on 3rd Street by the 60 Westbound on Ramp, Track 2, SB.	\$ 2,692
Metro Gold Line Total				\$ 2,692
Grand Total				\$ 2,692
10-71 = Train vs. Object/ 10-72 = 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

May 2016-2017

Car Cleanliness Monthly Report



Service Delivery May 2017

May 2017 - Service Delivery

Blue Line Fleet Size: 77

<u>Pull Out</u>	<u>Vehicles Required</u>	<u>Average Available</u>	<u>% Up (Down)</u>
Weekday:	57	59	104%
Weekend:	26	44	169%

Monthly Mileage: 428,604

Expo Line Fleet Size: 71

<u>Pull Out</u>	<u>Vehicles Required</u>	<u>Average Available</u>	<u>% Up (Down)</u>
Weekday:	47	48	102%
Weekend:	30	42	140%

Monthly Mileage: 351,941

Red/Purple Line Fleet Size: 104

<u>Pull Out</u>	<u>Vehicles Required</u>	<u>Average Available</u>	<u>% Up (Down)</u>
Weekday:	64	74	116%
Weekend:	40	66	165%

Monthly Mileage: 623,866

Green Line Fleet Size: 29

<u>Pull Out</u>	<u>Vehicles Required</u>	<u>Average Available</u>	<u>% Up (Down)</u>
Weekday:	22	22	100%
Weekend:	14	17	121%

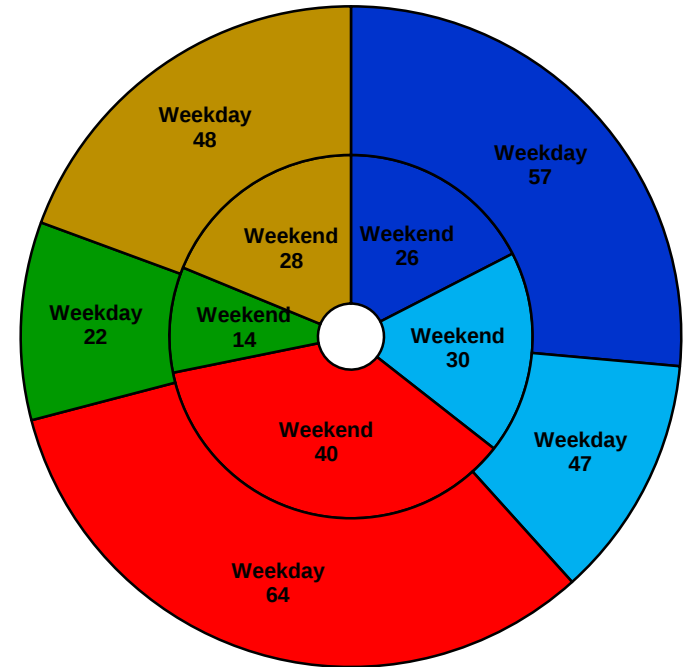
Monthly Mileage: 240,040

Gold Line Fleet Size: 65

<u>Pull Out</u>	<u>Vehicles Required</u>	<u>Average Available</u>	<u>% Up (Down)</u>
Weekday (Div 21):	10	10	100%
Weekday (Div 24):	38	39	103%
Weekend (Div 24):	28	36	129%

***Monthly Mileage: 570,722**

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



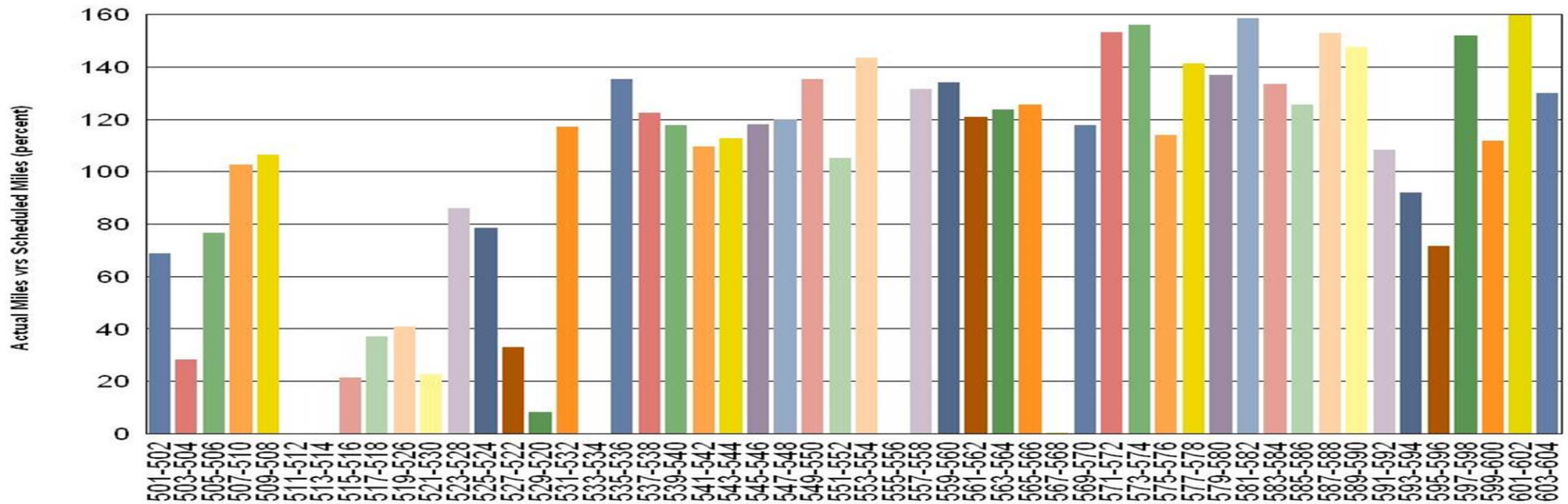
■ Blue Line ■ Expo Line ■ Red/Purple Line
■ Green Line ■ Gold Line

NOTES: Standby trains not included in vehicle requirements

Vehicle Utilization

May 2017

Metro Red/Purple Line (104 Cars)



Red/Purple Line:

The following cars were out of service due to:

Car # 503-504 – Emergency Brake Application

Car # 511-512 – HVAC Campaign

Car # 513-514 – Component Overhaul

Car # 515-516 – 90K Inspection

Car # 517-518 – Propulsion Failure

Car # 521-530 – Aux Power Failure

Car # 527-522 – Aux Power Failure

Car # 529-520 – Propulsion Issue

Car # 533-534 – Floor Campaign

Car # 555-556 – Propulsion Issue – GTO shorted and Spun Motor

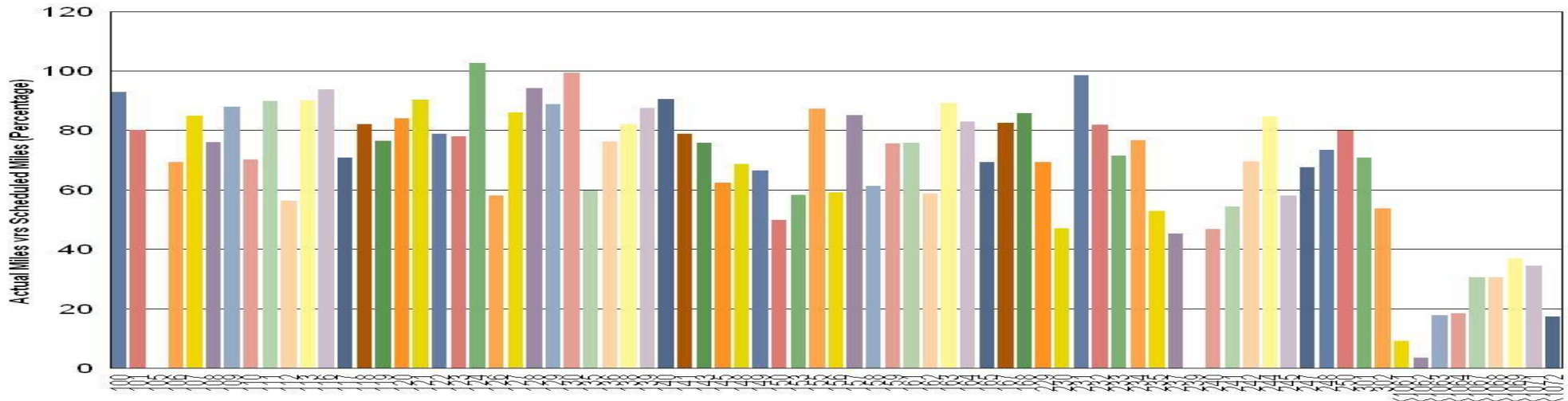
Car # 567-568 – Propulsion Issue – GTO shorted and Spun Motor



•Percentage includes an average 4% mileage deduction for yard mileage and vehicle testing.

Vehicle Utilization May 2017

Metro Blue Line (77 Cars)



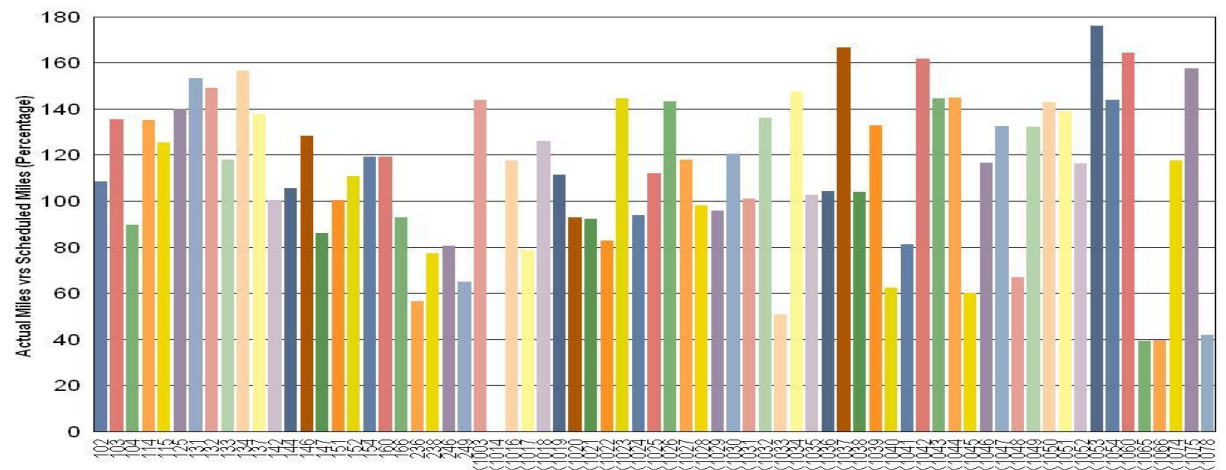
Blue Line: The following cars were out of service due to:

- Car # 105 – Decommissioned OOS
- Car # 239 – Accident Repair/Exterior Paint Restoration
- Car # K1061 – Mainline Failures/Warranty Repairs
- Car # K1062 – RFS Training Vehicles
- Car # K1063 – Mainline Failures/Warranty Repairs
- Car # K1064 – RFS Training Vehicles
- Car # K1067 – Mainline Failures/Warranty Repairs
- Car # K1068 – Mainline Failures/Warranty Repairs
- Car # K1069 – Mainline Failures/Warranty Repairs
- Car # K1071 – Mainline Failures/Warranty Repairs
- Car # K1072 – Mainline Failures/Warranty Repairs

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

- Car # K1014 – Burnt wiring KI repairing
- Car # K1065 – Bad Cap Signal Receiver Boards

Metro Expo Line (71 Cars)



Vehicle Utilization

May 2017

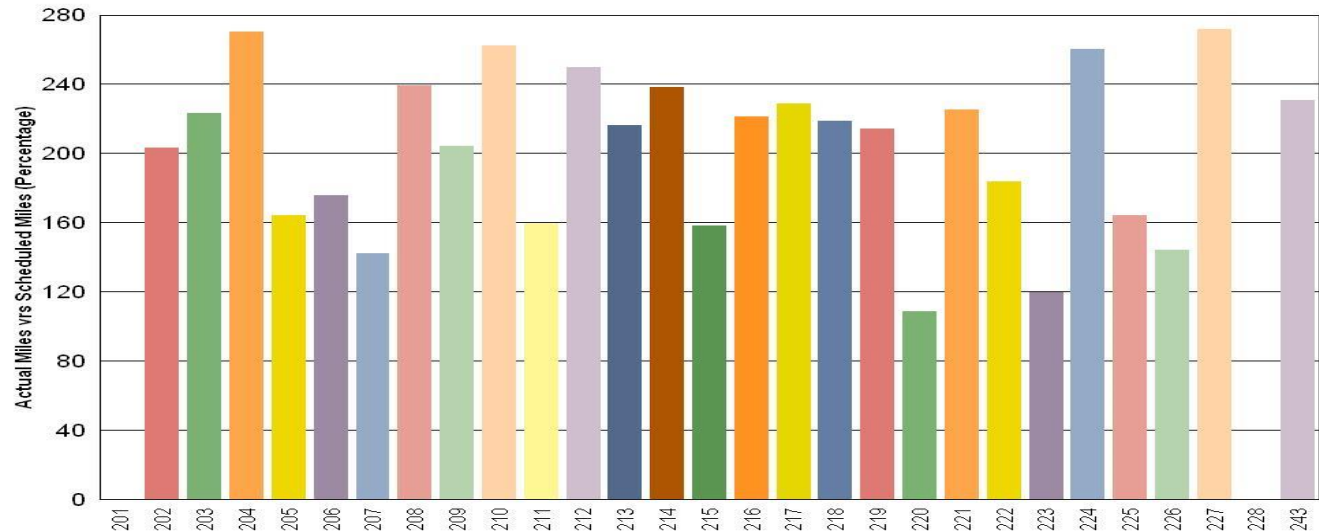
Metro Green Line (29 Cars)

Green Line:

The following cars were out of service due to:

Car # 201 – EMI

Car # 228 – Exterior & Interior Paint & Body Rehab



Metro Gold Line (65 Cars)

Gold Line:

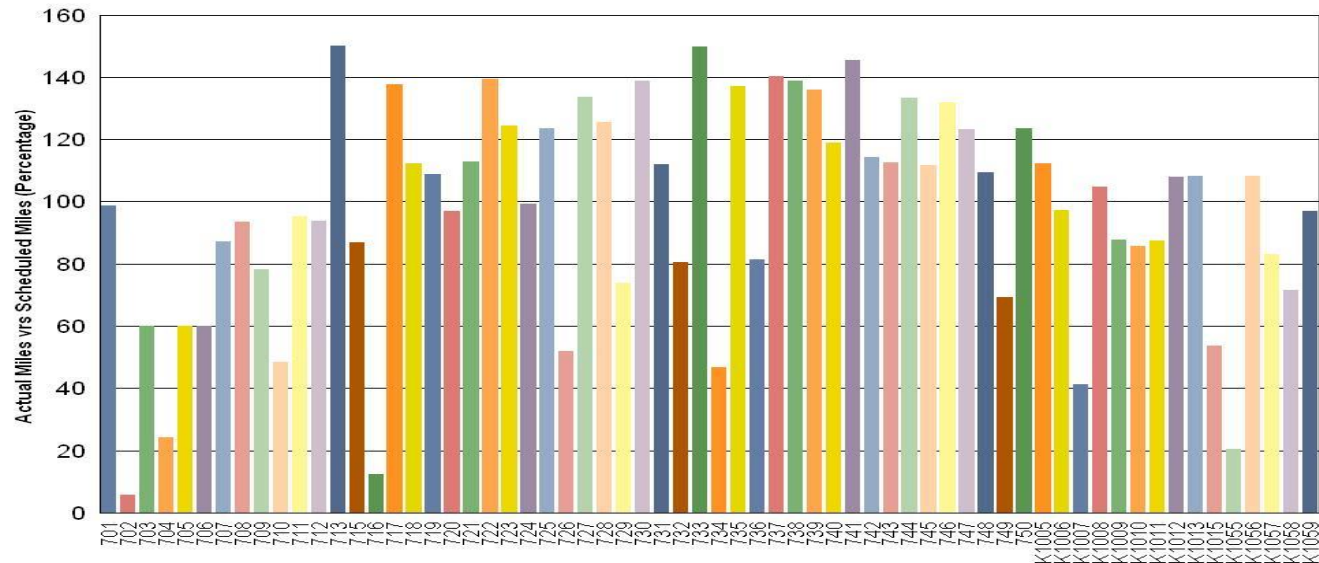
The following cars were out of service due to:

Car # 702 – Accident Repair and Wheel Flats

Car # 704 – Wheel Flats on all Axles

Car # 716 – 120,000-mile Inspection

Car # K1055 – Wheel Flats

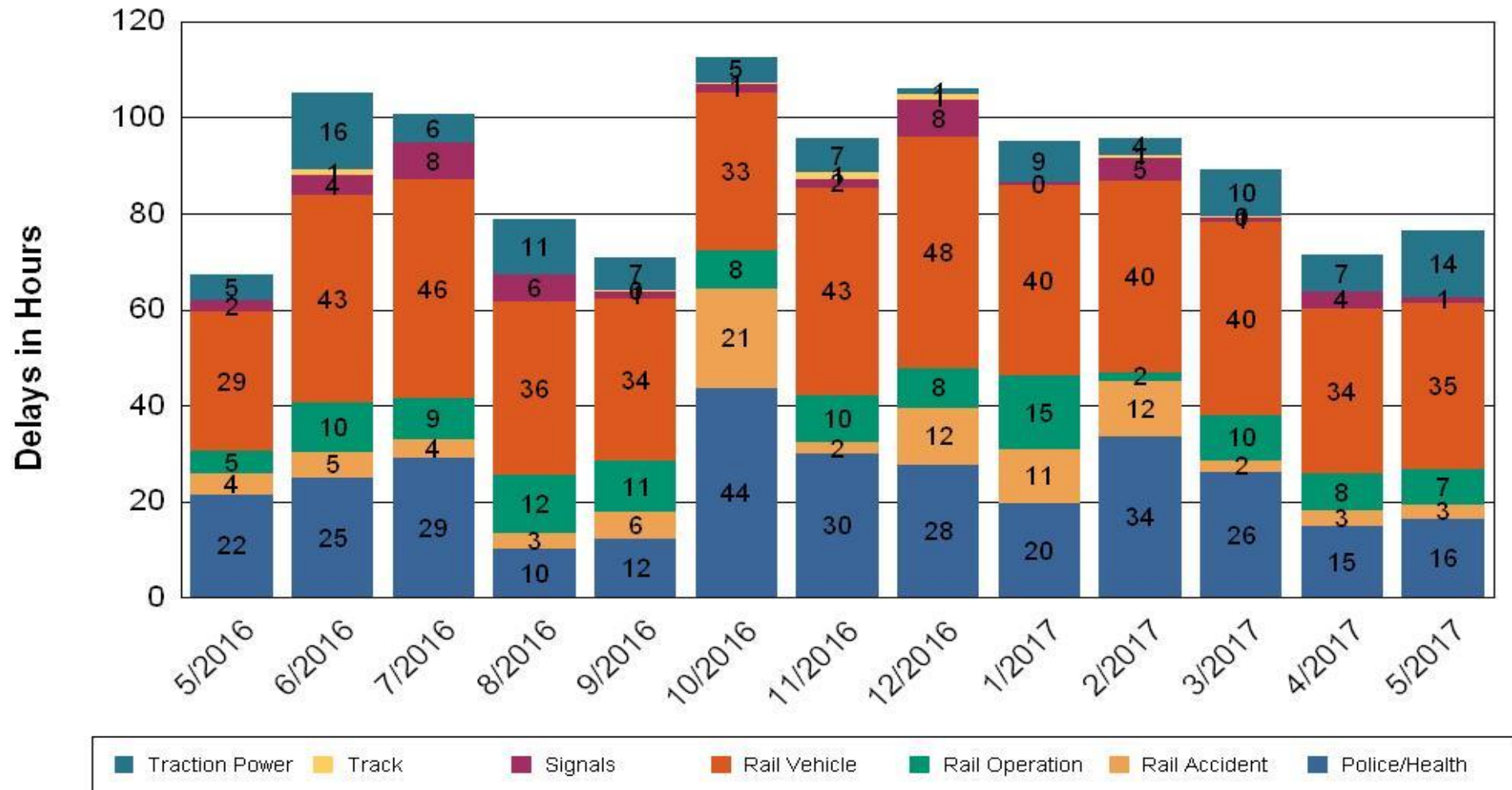


•Percentage includes an average 4% mileage deduction for yard mileage and vehicle testing.

All Train Delays (Hours) May 2016-2017

All Train Delays

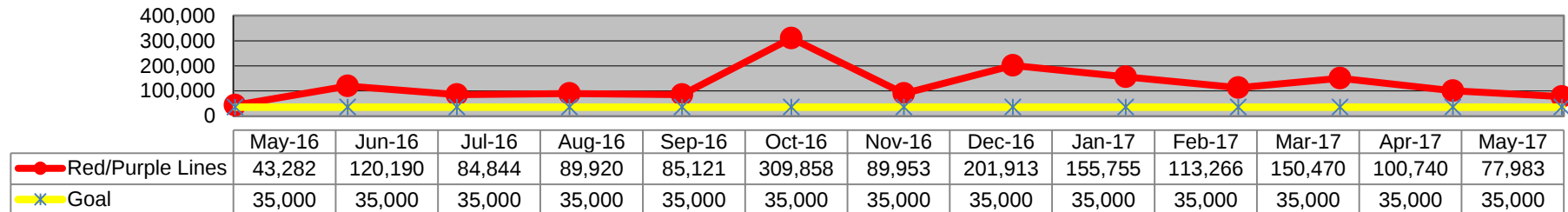
Totals Include the delay to all trains involved (not just the primary incident)



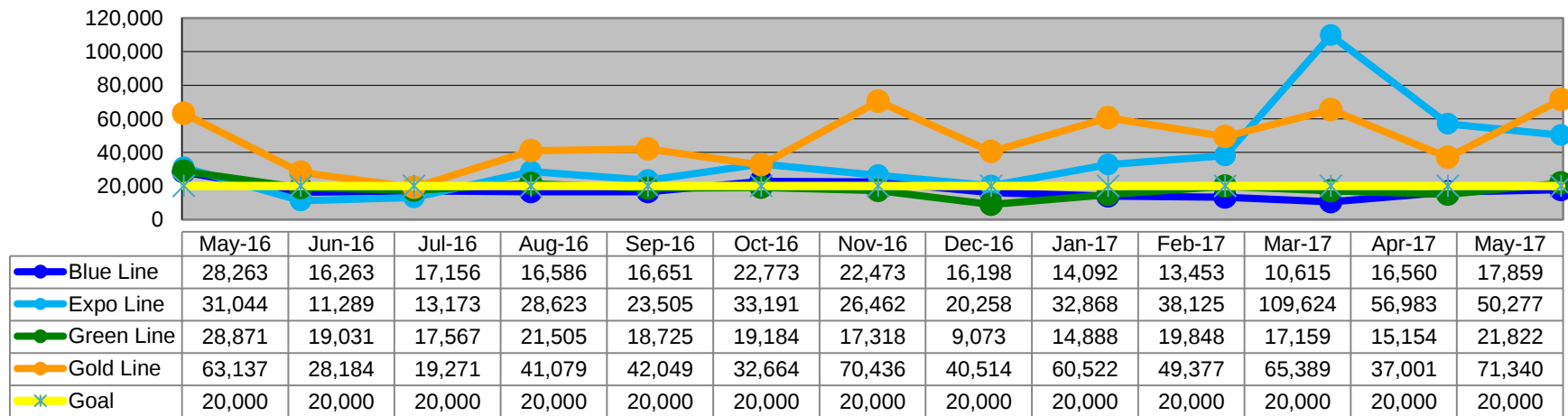
Mean Miles Between Major Failures (MMBF)

May 2016-2017

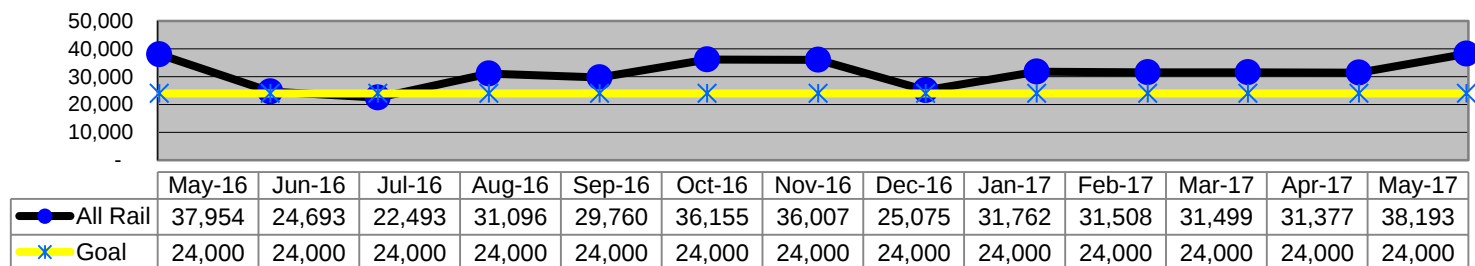
Mean Miles Between Major Failures - Heavy Rail



Mean Miles Between Major Failures - Light Rail

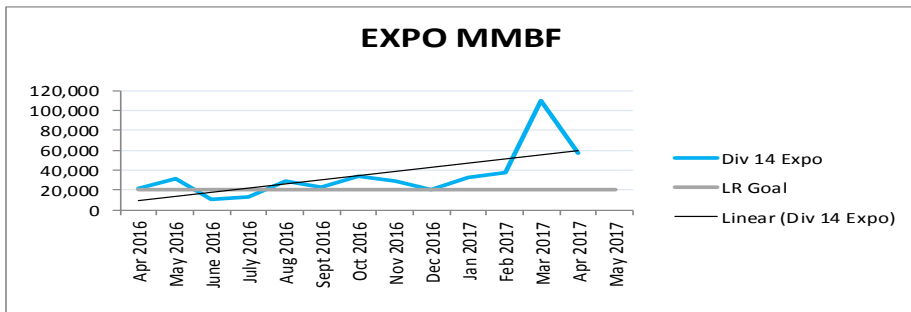
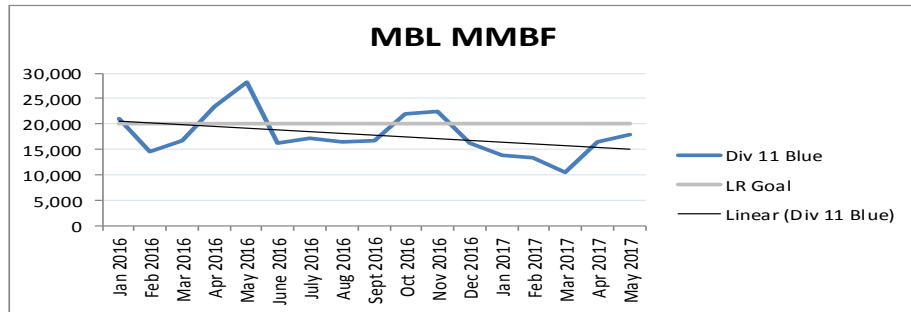
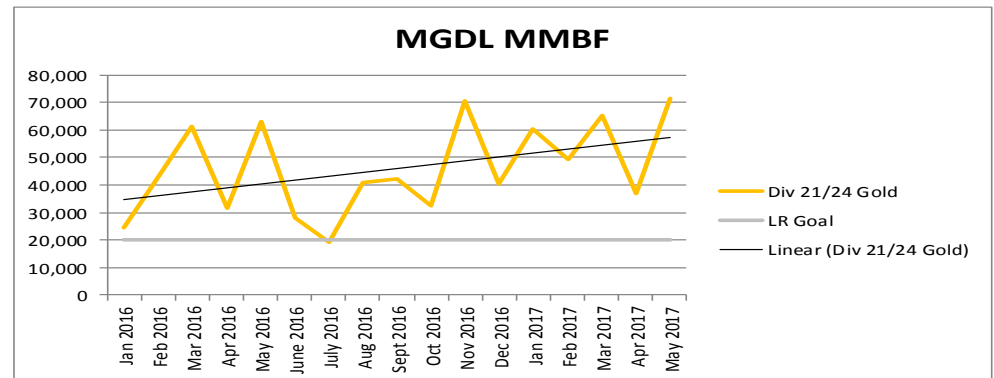
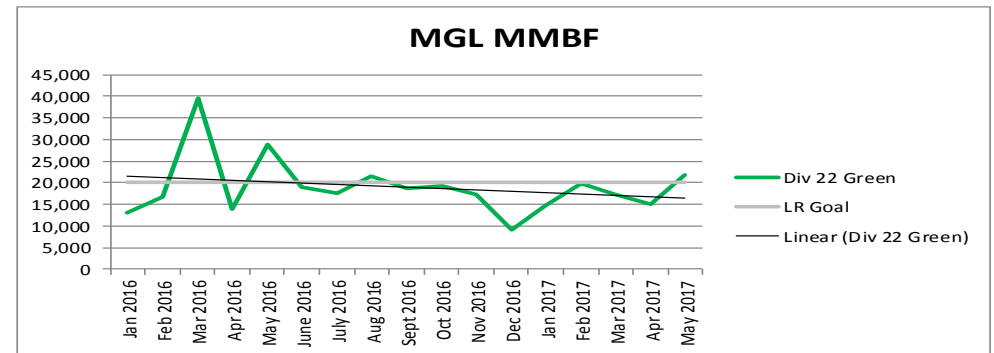
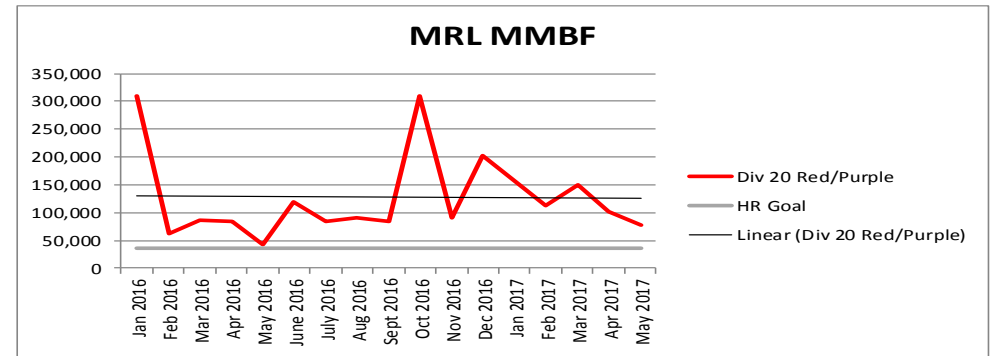


Mean Miles Between Major Failures (all)



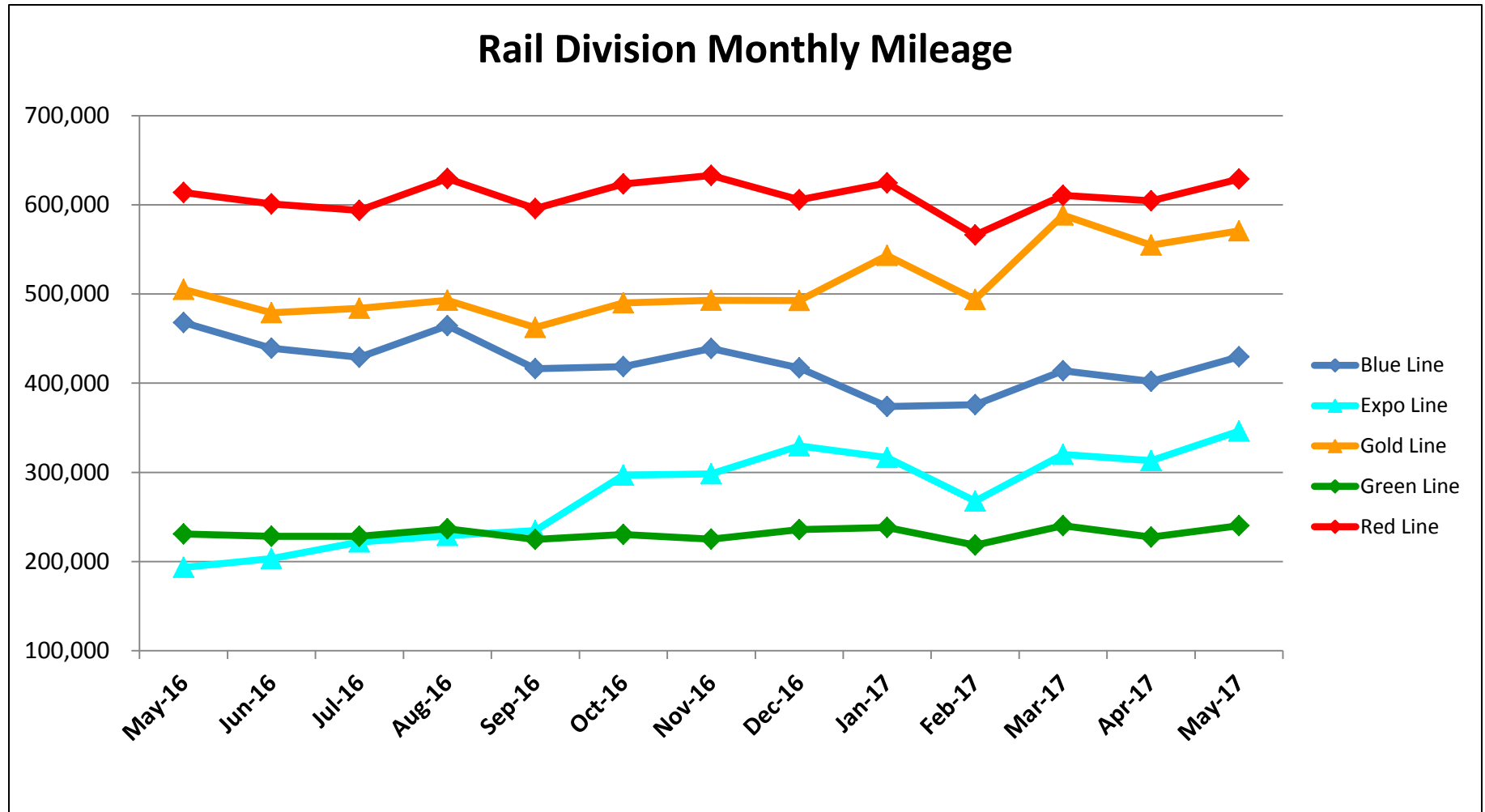
MMBF by Division May 2016-2017

Month	Div 11 Blue	Div 20 Red/Purple	Div 22 Green	Div 21/24 Gold	Div 14 Expo	LR Goal	HR Goal
Jan 2016	20,976	310,794	13,075	24,371	-	20,000	35,000
Feb 2016	14,628	62,876	16,751	42,632	-	20,000	35,000
Mar 2016	16,739	86,604	39,513	61,444	-	20,000	35,000
Apr 2016	23,513	84,909	13,853	31,658	22,195	20,000	35,000
May 2016	28,263	43,282	28,871	63,137	31,044	20,000	35,000
June 2016	16,263	120,190	19,031	28,184	11,289	20,000	35,000
July 2016	17,156	84,844	17,567	19,271	13,173	20,000	35,000
Aug 2016	16,586	89,920	21,505	41,079	28,623	20,000	35,000
Sept 2016	16,651	85,121	18,725	42,049	23,505	20,000	35,000
Oct 2016	22,027	309,858	19,184	32,664	33,606	20,000	35,000
Nov 2016	22,473	89,953	17,318	70,436	29,108	20,000	35,000
Dec 2016	16,198	201,913	9,073	40,514	20,258	20,000	35,000
Jan 2017	13,950	155,755	14,888	60,522	33,309	20,000	35,000
Feb 2017	13,453	113,266	19,848	49,377	38,125	20,000	35,000
Mar 2017	10,615	150,470	17,159	65,389	109,624	20,000	35,000
Apr 2017	16,560	100,740	15,154	37,001	56,983	20,000	35,000
May 2017	17,859	77,983	21,822	71,340	50,277	20,000	35,000



Mileage Between Data Range (by month)

May 2016-2017



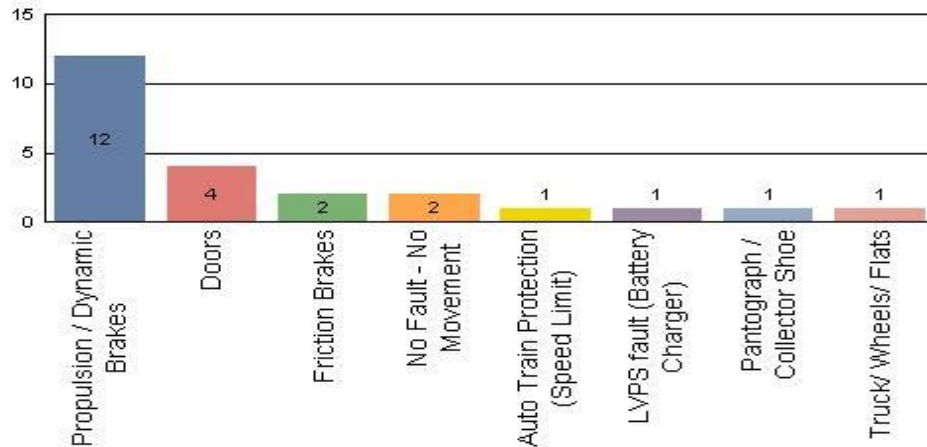
Notes:

- ♦ 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 May 2017

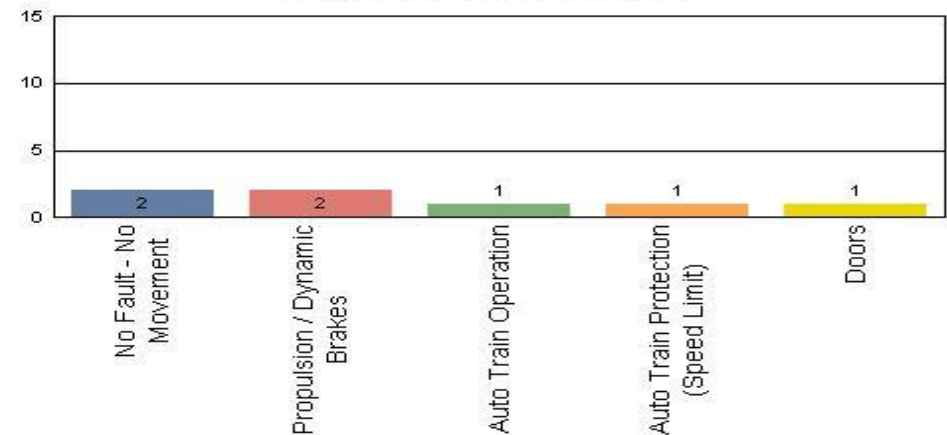
Metro Blue Line (Div 11)

Top Incident Categories



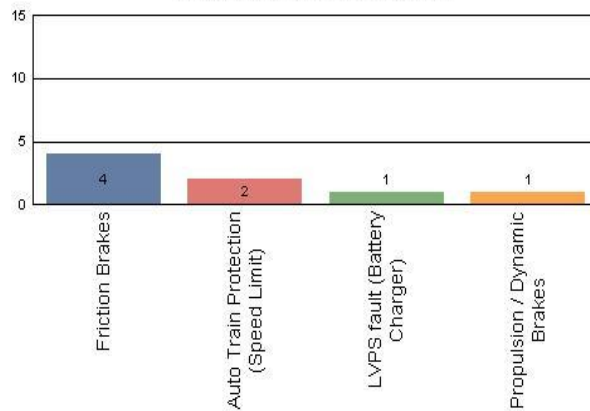
Metro Expo Line (Div 14)

Top Incident Categories



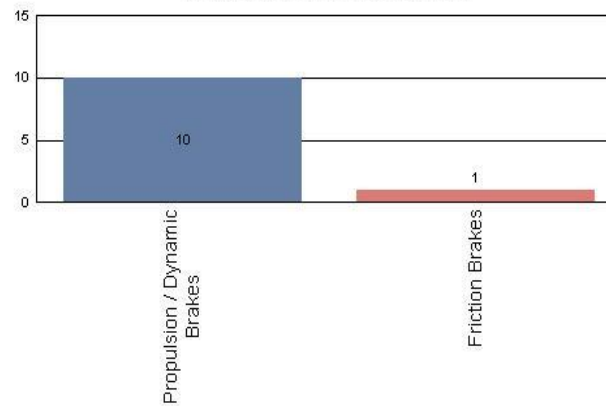
Metro Red/Purple Line (Div 20)

Top Incident Categories



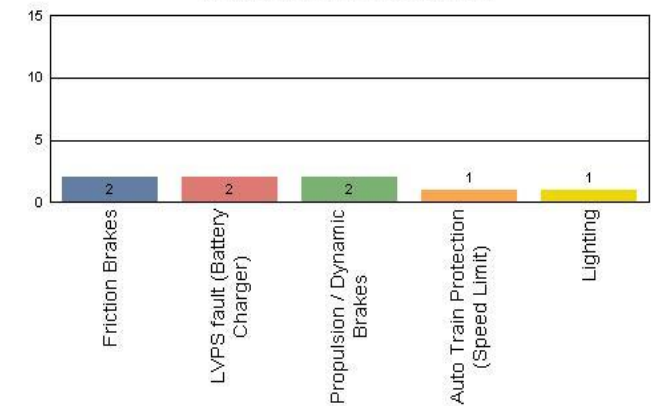
Metro Green Line (Div 22)

Top Incident Categories



Metro Gold Line (Div 21 & Div 24)

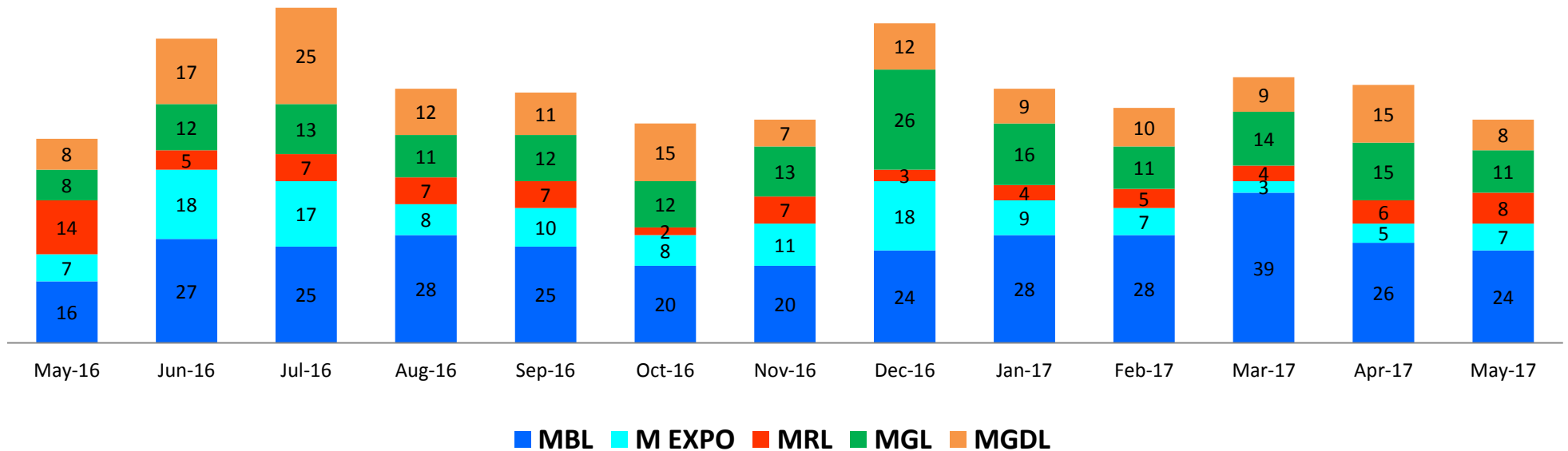
Top Incident Categories



Major Incidents

May 2016-2017

Numbers of Major System Failures (by Line)



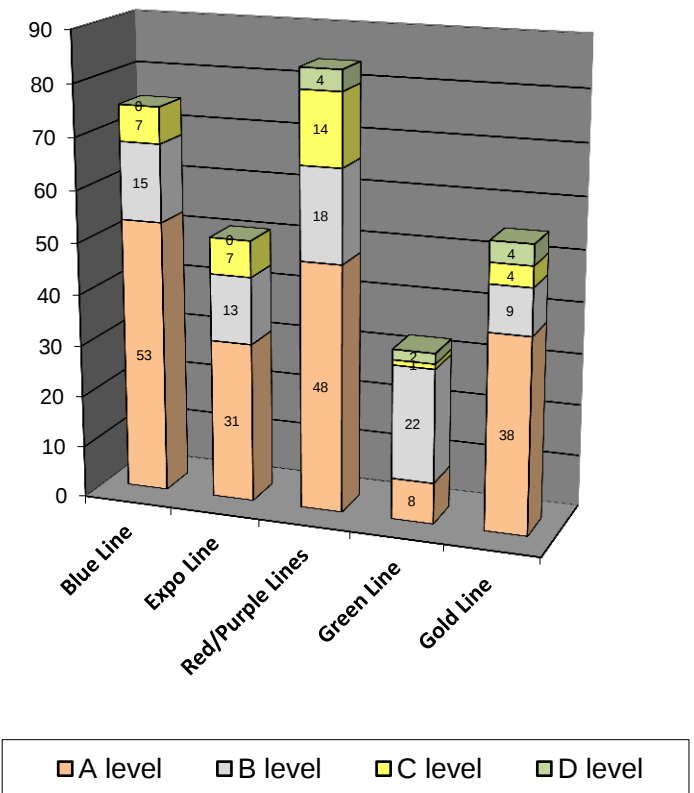
Preventive Maintenance Compliance

May 2016-2017

PM Compliance	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17
Blue Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Expo Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Red/Purple Lines	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Green Line	93%	100%	100%	100%	97%	100%	100%	100%	100%	100%	100%	100%	100%
Gold Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

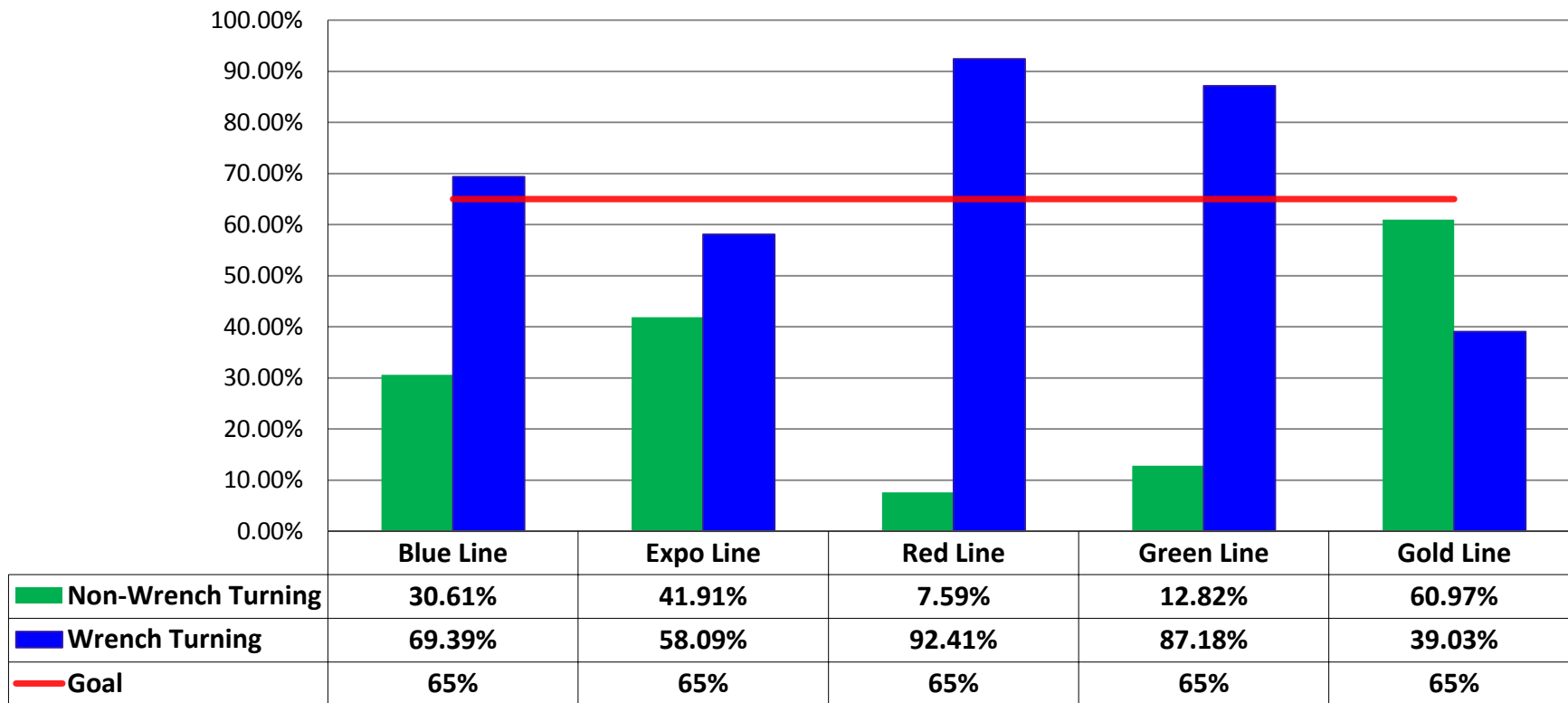
Number of Preventive Maintenance Inspections - May 2017					
Line	A level	B level	C level	D level	Totals
Blue Line	53	15	7	0	75
Expo Line	31	13	7	0	51
Red/Purple Lines	48	18	14	4	84
Green Line	8	22	1	2	33
Gold Line	38	9	4	4	55
Totals:	178	77	33	10	298

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 May 2017

RFS - Leader Wrench Turning May 2017

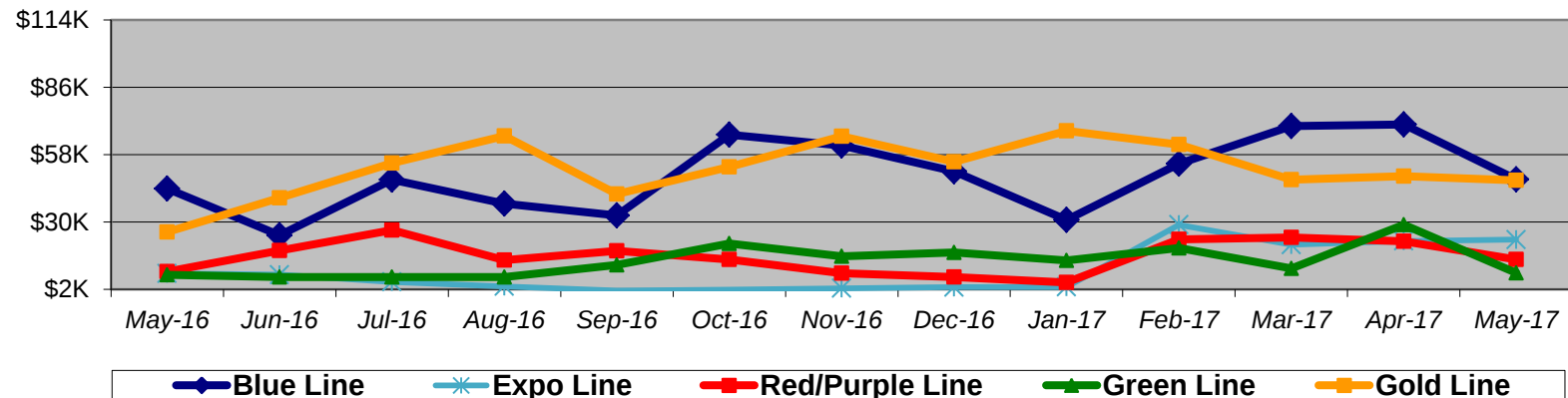


Notes: Labor hours contributed by Maint Specialist Leader, Rail Body/Paint Repair Leader, and Maint Specialist Temporary Leader

Vandalism & Graffiti Report

May 2016-2017

Graffiti Costs														
	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	13-Month Period
Blue Line	\$44K	\$24K	\$48K	\$38K	\$33K	\$66K	\$62K	\$51K	\$31K	\$54K	\$70K	\$71K	\$48K	\$638K
Expo Line	\$9K	\$8K	\$5K	\$3K	\$2K	\$2K	\$2K	\$3K	\$3K	\$29K	\$21K	\$22K	\$23K	\$131K
Red/Purple Line	\$9K	\$18K	\$27K	\$14K	\$18K	\$14K	\$9K	\$7K	\$5K	\$23K	\$24K	\$22K	\$14K	\$204K
Green Line	\$8K	\$7K	\$7K	\$7K	\$12K	\$21K	\$16K	\$17K	\$14K	\$19K	\$11K	\$29K	\$9K	\$177K
Gold Line	\$26K	\$40K	\$54K	\$66K	\$42K	\$53K	\$66K	\$55K	\$68K	\$62K	\$48K	\$49K	\$47K	\$675K
Totals:	\$96K	\$98K	\$141K	\$128K	\$106K	\$157K	\$154K	\$133K	\$121K	\$187K	\$172K	\$193K	\$141K	\$1,827K



May 2017 Vandalism & Graffiti - All Rail				
	Qty	Labor	Materials	Totals
Windows Replaced	36	\$ 10,340	\$ 12,864	\$ 23,204
Vandal Shields Replaced	646	\$ 25,453	\$ 14,504	\$ 39,957
Seats Cleaned	442	\$ 7,573	\$ 40	\$ 7,613
Seats Inserts Replaced	438	\$ 20,159	\$ 13,263	\$ 33,422
Graffiti Removal - Other	1,644	\$ 25,528	\$ 3,774	\$ 29,302
Repainting Panels	201	\$ 7,437	\$ 200	\$ 7,637
Totals	3,407	\$ 96,490	\$ 44,645	\$ 141,135

Vandalism & Graffiti Pictures

May 2017

Blue Line



Expo Line



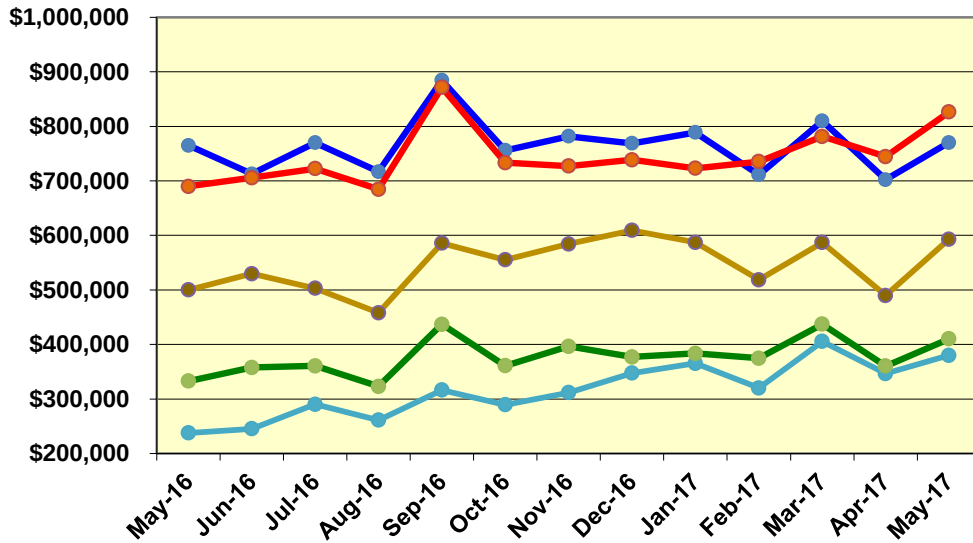
Green Line



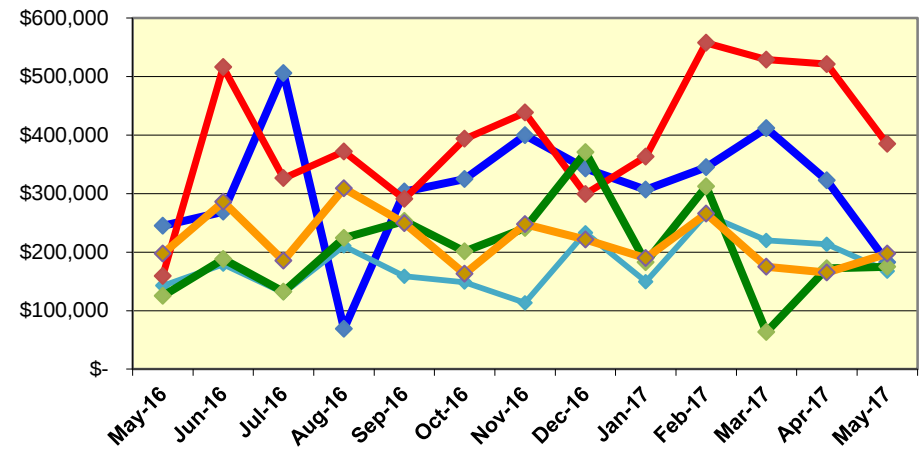
Labor and Material Costs

May 2016-2017

Labor Costs



Material Costs



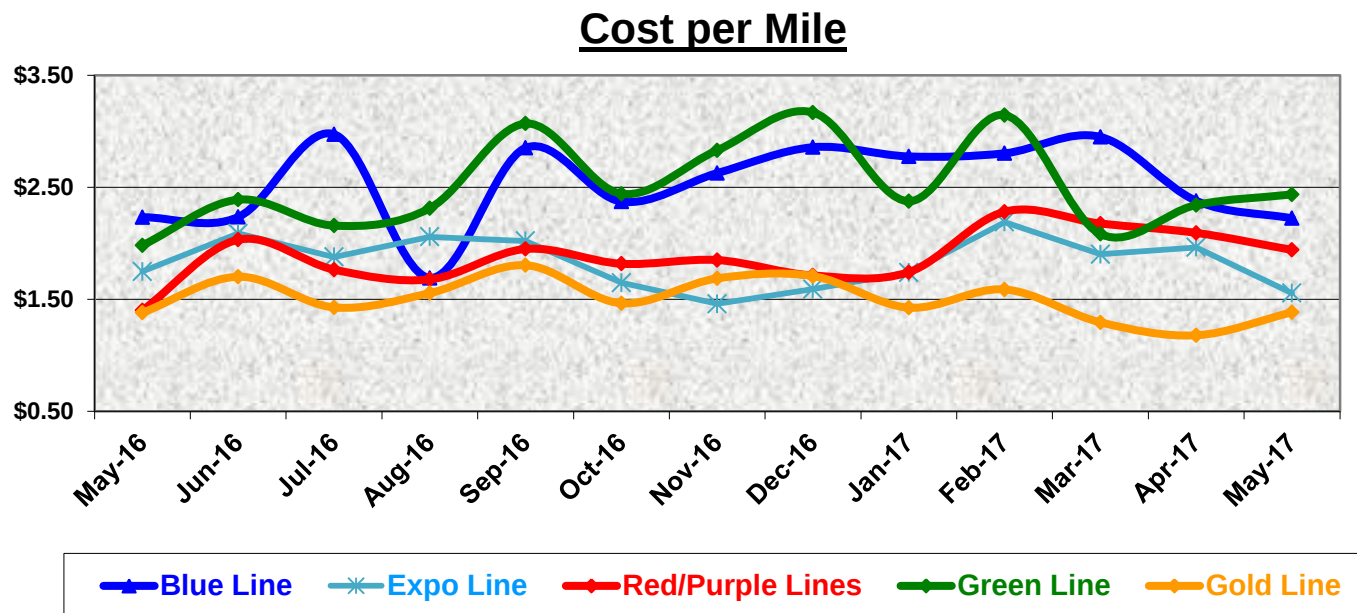
May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17
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	Labor Costs													
Blue Line	\$ 765,108	\$ 712,774	\$ 770,143	\$ 716,923	\$ 884,555	\$ 755,958	\$ 781,662	\$ 768,756	\$ 788,785	\$ 711,354	\$ 810,012	\$ 702,374	\$ 770,245	
Expo Line	\$ 237,630	\$ 245,339	\$ 290,199	\$ 261,217	\$ 316,395	\$ 289,213	\$ 311,627	\$ 347,280	\$ 365,354	\$ 320,019	\$ 405,656	\$ 346,398	\$ 379,871	
Red/Purple Lines	\$ 689,764	\$ 705,772	\$ 722,363	\$ 684,555	\$ 871,431	\$ 733,202	\$ 727,093	\$ 738,672	\$ 723,038	\$ 735,394	\$ 781,595	\$ 744,460	\$ 826,461	
Green Line	\$ 332,662	\$ 357,807	\$ 360,682	\$ 323,087	\$ 436,825	\$ 360,963	\$ 396,278	\$ 376,933	\$ 383,591	\$ 374,747	\$ 437,154	\$ 360,314	\$ 410,146	
Gold Line	\$ 499,874	\$ 529,761	\$ 502,967	\$ 458,067	\$ 585,582	\$ 555,213	\$ 584,203	\$ 609,215	\$ 587,313	\$ 518,524	\$ 586,949	\$ 489,634	\$ 593,070	
Totals	\$ 2,525,038	\$ 2,551,454	\$ 2,646,353	\$ 2,443,849	\$ 3,094,789	\$ 2,694,548	\$ 2,800,863	\$ 2,840,856	\$ 2,848,080	\$ 2,660,038	\$ 3,021,365	\$ 2,643,180	\$ 2,979,794	

	Material Costs													
Blue Line	\$ 245,001	\$ 268,750	\$ 505,721	\$ 68,670	\$ 303,202	\$ 324,999	\$ 399,427	\$ 342,695	\$ 306,710	\$ 344,931	\$ 411,541	\$ 322,424	\$ 182,846	
Expo Line	\$ 142,495	\$ 179,099	\$ 130,419	\$ 210,312	\$ 158,666	\$ 148,670	\$ 113,229	\$ 233,001	\$ 149,260	\$ 264,561	\$ 219,980	\$ 213,435	\$ 167,428	
Red/Purple Lines	\$ 159,258	\$ 515,978	\$ 326,251	\$ 371,920	\$ 290,597	\$ 393,507	\$ 438,480	\$ 299,157	\$ 363,192	\$ 557,616	\$ 528,820	\$ 521,242	\$ 384,776	
Green Line	\$ 125,334	\$ 188,111	\$ 132,247	\$ 224,414	\$ 252,988	\$ 201,438	\$ 241,344	\$ 370,755	\$ 182,518	\$ 312,113	\$ 63,371	\$ 172,269	\$ 174,969	
Gold Line	\$ 197,620	\$ 285,877	\$ 185,153	\$ 308,906	\$ 249,398	\$ 162,899	\$ 247,842	\$ 221,172	\$ 189,520	\$ 265,930	\$ 175,047	\$ 165,012	\$ 197,220	
Totals	\$ 869,708	\$ 1,437,815	\$ 1,279,791	\$ 1,184,222	\$ 1,254,851	\$ 1,231,513	\$ 1,440,322	\$ 1,466,779	\$ 1,191,200	\$ 1,745,150	\$ 1,398,760	\$ 1,394,383	\$ 1,107,239	

Cost Per Mile May 2016-2017

Cost per mile:	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Average
Blue Line	\$2.23	\$2.24	\$2.97	\$1.69	\$2.85	\$2.37	\$2.63	\$2.86	\$2.78	\$2.80	\$2.95	\$2.38	\$2.22	\$2.54
Expo Line	\$1.75	\$2.09	\$1.88	\$2.06	\$2.02	\$1.65	\$1.46	\$1.59	\$1.74	\$2.19	\$1.90	\$1.96	\$1.56	\$1.83
Red/Purple Lines	\$1.40	\$2.03	\$1.77	\$1.68	\$1.95	\$1.82	\$1.85	\$1.71	\$1.74	\$2.28	\$2.18	\$2.09	\$1.94	\$1.88
Green Line	\$1.98	\$2.39	\$2.16	\$2.31	\$3.07	\$2.44	\$2.83	\$3.17	\$2.38	\$3.15	\$2.08	\$2.34	\$2.44	\$2.52
Gold Line	\$1.38	\$1.70	\$1.43	\$1.56	\$1.81	\$1.47	\$1.69	\$1.71	\$1.43	\$1.59	\$1.29	\$1.18	\$1.38	\$1.51



ATU Absences vs. Overtime

May 2017

ABSENCE TYPE and HOURS	3941 Blue	3947 Expo	3942 Red	3943 Green	3944 Gold	3948 Monrovia	Total
AWP-ABSENT W/O PERMISSION	-	-	-	-	1	-	1
BER-BEREAVEMENT	-	-	24	-	-	-	24
CTO-COMPENSATORY TIME OFF	534	407	668	304	48	328	2,289
CUT-EMPLOYEE LEAVES EARLY	-	3	-	1	2	3	8
DSL-DISABILITY LEAVE/LONG	536	88	-	240	-	-	864
EFH-EMG. FLOAT HOL.	-	-	184	72	8	32	296
ETO-EXCUSED TIME OFF	90	64	62	13	5	20	253
FMI-FAM IND INJURY	-	-	296	176	-	255	727
FML-FAMILY CARE LEAVE	216	284	92	189	-	224	1,005
FMS-FAMILY LEAVE SICK	42	87	12	44	-	84	269
HLF-HOLIDAY FLOATING	432	152	648	248	192	220	1,892
HNP-HOLIDAY NOT PAID	-	-	16	24	-	8	48
HOL-HOLIDAY LEGAL	488	120	632	104	48	200	1,592
II-INDUSTRIAL INJURY	120	160	-	176	-	-	456
IS-INVESTIGATIVE SUSPENSION	24	-	-	-	-	-	24
JUR-JURY DUTY	16	-	-	-	16	-	32
LC1-LABOR CODE 233	224	88	443	96	16	228	1,095
LTi-OCCPIL/LONGTRM INJ LEAVE	160	-	488	-	-	-	648
MLN-MILITARY ABSENCE-UNPAID	16	-	40	-	-	-	56
OWP-OFF WITH PERMISSION	-	-	32	-	-	-	32
RTO-REQUESTED TIME OFF-NO PAY	41	24	2	-	-	-	67
SCK-SICK PAY	232	36	364	64	24	114	834
SCW-SICK WITHOUT PAY	80	36	32	320	24	52	544
SPN-SCHOOL PARTNER NOT PAID	-	-	-	9	-	16	25
TAR-TARDY	3	1	1	2	0	2	8
VAC-VACATION	1,098	303	1,409	388	164	816	4,177
*TRAINING	48	360	1,000	208	312	264	2,192
Total Absence Hours	4,398	2,212	6,446	2,677	860	2,866	19,458
**ATU Number of Work Force (active)	100	41	104	43	19	57	364
Full Work Force hours/month	17,330	7,105	18,023	7,452	3,293	9,880	63,081
Absence as a % of Work Force	25%	31%	36%	36%	26%	29%	31%

OVERTIME TYPE and HOURS	3941 Blue	3947 Expo	3942 Red	3943 Green	3944 Gold	3948 Monrovia	Total
CTB-COMPENSATORY TIME TO BANK	58	12	40	24	8	-	141
OTP-PREM OVERTIME	4,213	2,051	4,950	2,007	119	1,244	14,584
TRO OVERTIME	8	-	-	-	-	-	8
WLO-Worked Lunch Overtime	150	145	252	79	31	65	723
Total Overtime Hours	4,430	2,207	5,242	2,110	158	1,309	15,456
Overtime as a % of Work Force	26%	31%	29%	28%	5%	13%	25%

*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

May 2017

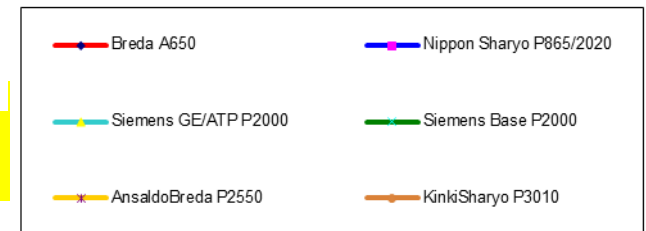
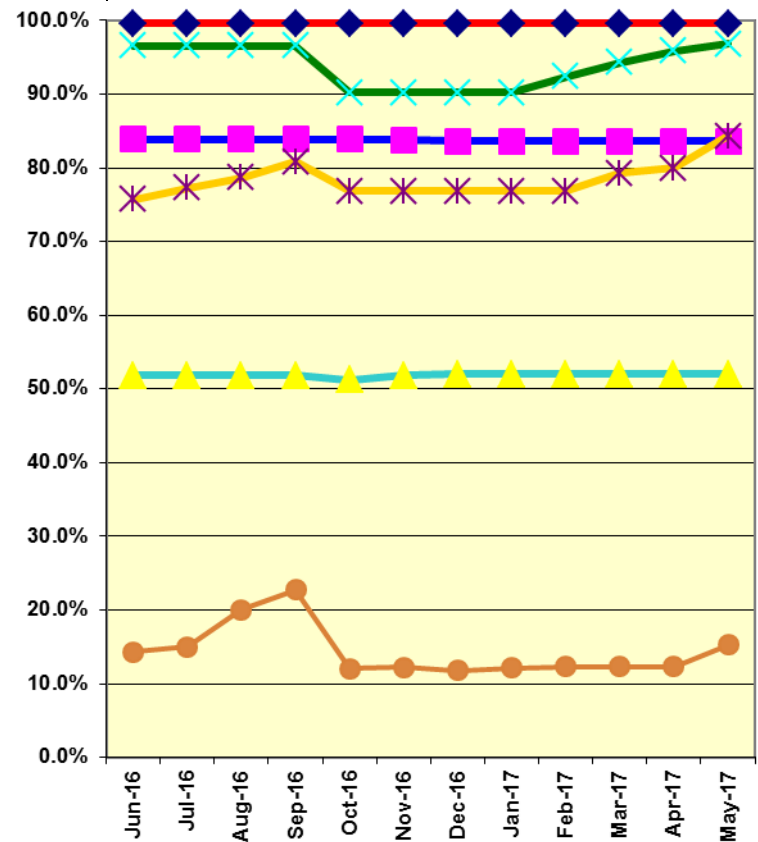
LRV Training classes completed during the month of May 2017

Description	Course Hours	Student Count	Training Hours
Blue Line Training - (P865/2020 & P2000 LRVs):			
RFS KINKISHARYO INTRO & MAINLINE RESPONSE	16	3	48
Total Blue Line Training (Hours):			48
Light Rail Training [In Monrovia (P2550 & P3010 LRVs)]:			
RFS ANSALDOBREDA 2550 FRICTION BRAKES	40	3	120
RFS ANSALDOBREDA 2550 CARBODY	16	3	48
RFS ANSALDOBREDA 2550 TRUCKS	24	2	48
RFS ANSALDOBREDA 2550 PROPULSION	24	2	48
Total Light Rail Training (Hours):			264
Expo Line Training - (P865/2020, P2000, & P3010 LRVs):			
RFS KINKISHARYO VEHICLE SYSTEMS	40	9	360
Total Expo Line Training (Hours):			360
Gold Line Training (P2550 LRVs):			
RFS ANSALDOBREDA 2550 FRICTION BRAKES	40	3	120
RFS ANSALDOBREDA 2550 CARBODY	16	3	48
RFS ANSALDOBREDA 2550 TRUCKS	24	3	72
RFS ANSALDOBREDA 2550 PROPULSION	24	3	72
Total Gold Line Training (Hours):			312
Green Line Training (P2000 LRVs):			
RFS SIEMENS 2000 CARBODY	24	2	48
RFS SIEMENS 2000 LIGHTS & DEST SIGN	16	2	32
RFS SIEMENS 2000 TRUCK	32	2	64
RFS SIEMENS 2000 COMMUNICATIONS	24	2	48
RFS SIEMENS 2000 COUPLER	8	2	16
Total Green Line Training (Hours):			208

Total RFS Instruction for the month of May 2017 (Hours): 2192

Core Vehicle Training Completed:	BLUE	EXPO	GOLD	GREEN
Percentage of core vehicle training complete:	83.6%	21.3%	84.3%	96.8%
Siemens P2000 training complete:	52.0%	39.8%	N/A	N/A
KinkiSharyo P3010 training complete:	0.5%	21.4%	23.9%	N/A
Average Specialist Rail Experience Level in Years:	15.5	3.7	7.5	10.7

Core Training Completed



RFS Instruction Department Activities

May 2017

HRV & Other Training classes completed during the month of May 2017

<u>Description</u>	<u>Course Hours</u>	<u>Student Count</u>	<u>Training Hours</u>
<u>Red Line Training - Breda A650 HRV</u>			
None (JAC Program Training)	0	0	0
Total Red Line Training Hours			0

<u>JAC Training</u>			
RFS BRED A 650 HVAC	40	10	400
RFS BRED A 650 TRUCKS & SUSPENSION	24	10	240
RFS BRED A 650 DOOR SYSTEMS	24	10	240
RFS BRED A 650 COMMUNICATIONS	12	10	120
Total JAC Training Hours			1000

<u>Other Training (RFS Created or Provided)</u>			
SAFETY AND THE HUMAN ELEMENT (Div 20)	9	1.5	13.5
SAFETY AND THE HUMAN ELEMENT (Div 14)	1	1.5	1.5
SAFETY AND THE HUMAN ELEMENT (CC 3945)	9	1.5	13.5
Total Other Training Hours			28.5

<u>Other Instruction Activities</u>	<u>Curriculum</u>	<u>Administrative</u>	<u>Technical Support</u>	<u>Total</u>
A650 Curriculum, Administrative, and Technical Support	238	44	30	312
P865/P2020 Curriculum, Administrative, and Technical Support	248	78	0	326
P2000 Curriculum, Administrative, and Technical Support	112	32	0	144
P2550 Curriculum, Administrative, and Technical Support	136	8	0	144
P3010 Curriculum, Administrative, and Technical Support	160	32	104	296
International Rodeo Preparation				32
Time Off (HOL, TOV, & SCK)				32
Total Other Instruction Activities				1286

<u>Core Vehicle Training Completed:</u>	<u>RED</u>	<u>JAC</u>
Percentage of Core Vehicle Training Complete:	99.6%	98.5%
Average Specialist Rail Experience Level in Years:	12.9	0.9