

Rail Fleet Services Monthly Report June 2017



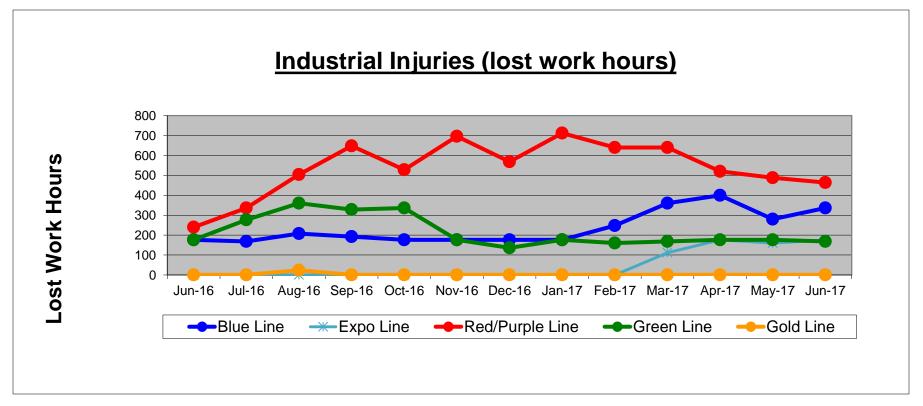
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Industrial Injuries – Lost Work Hours June 2016-2017

	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	13-Month Period
Blue Line	176	168	208	192	176	176	176	176	248	360	400	280	336	3,072
Expo Line	0	0	0	0	0	0	0	0	0	112	176	160	176	624
Red/Purple Line	240	336	504	648	528	696	568	712	640	640	520	488	464	6,984
Green Line	176	277	360	328	336	176	136	176	160	168	176	176	168	2,813
Gold Line	0	0	24	0	0	0	0	0	0	0	0	0	0	24
Totals	592	781	1,096	1,168	1,040	1,048	880	1,064	1,048	1,280	1,272	1,104	1,144	13,517





Rail Vehicle Accidents & Major Incidents June 2016-2017

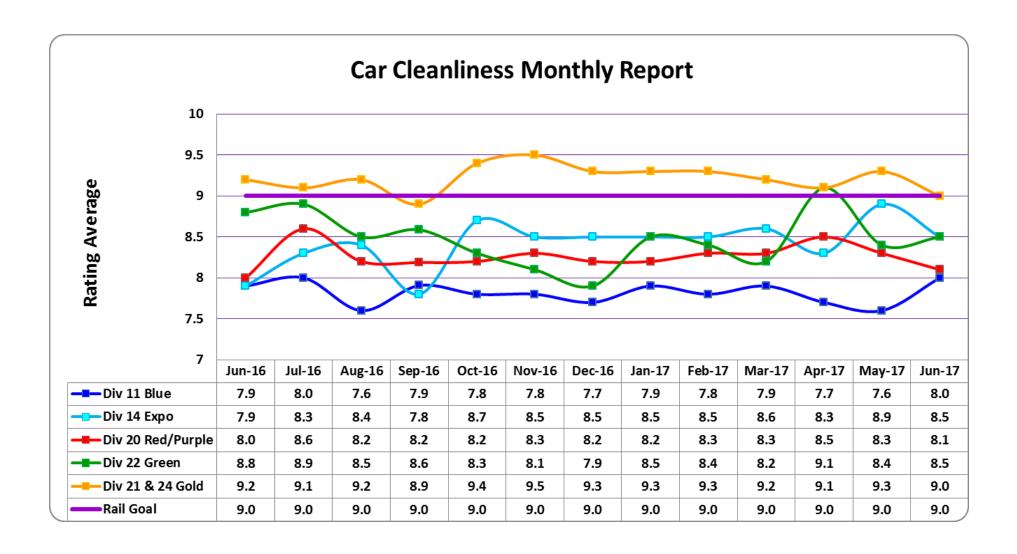
Repair Costs	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	13-Month Period
Blue Line	\$0	\$0	\$3,211	\$665	\$28,089	\$0	\$2,352	\$170,311	\$0	\$1,427	\$2,586	\$0	\$15,084	\$223,725
Expo Line	\$0	\$576	\$0	\$12,921	\$9,468	\$0	\$381	\$763	\$1,930	\$0	\$1,420	\$0	\$0	\$27,459
Red/Purple Line	\$1,932	\$840	\$552	\$0	\$0	\$0	\$0	\$0	\$1,032	\$0	\$0	\$0	\$0	\$4,356
Green Line	\$0	\$0	\$51,535	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$334	\$0	\$0	\$51,869
Gold Line	\$19,451	\$564	\$0	\$0	\$5,694	\$0	\$0	\$3,789	\$15,829	\$1,871	\$191	\$2,692	\$0	\$50,081
Totals	\$21,383	\$1,980	\$55,298	\$13,586	\$43,251	\$0	\$2,733	\$174,863	\$18,791	\$3,298	\$4,531	\$2,692	\$15,084	\$357,490

		Rai	l Vehicle Accident Costs - June 2017		
Date	Incident #	Problem Code	Incident Description	Rep	oair Cost
Metro Blu	e Line				
6/19/17	2878658	Train vs. Vehicle	A 10-73 was reported at Grand Grade, Track 2, SB. Vehicle turned left in front of train.	\$	318
6/19/17	2878781	Derailment	A 10-75 was reported at North Loop Blue Line Yard.	\$	13,066
6/19/17	2878809	Derailment	A 10-75 was reported. Yard move to relocate two cars from Track 5 into Track 12 for a pull-out train.	\$	1,700
			Metro Blue Line Total	\$	15,084
Metro Go	d Line				
6/10/17	2875533	Train vs. Object	A 10-71 was reported. Train made contact with a bicycle at Little Tokyo Station, Track 2, SB.	\$	-
			Metro Gold Line Total	\$	-
			Grand Total	\$	15,084
1	0-71 = Train vs	s. Object/ 10-72 = Train vs.	Pedestrian/ 10-73 = Train vs. Vehicle/ 10-74 = Train vs. MTA Vehicle/ 10-75 = Derailm	ent	



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 June 2016-2017

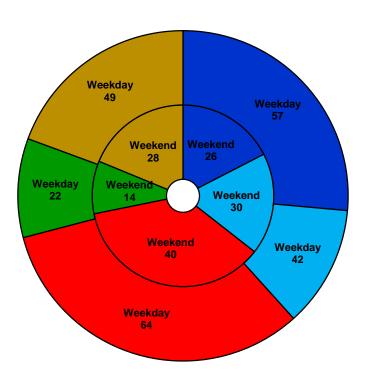




Service Delivery June 2017

June 2017 - Service Delivery

Blue Line Fleet S	Size: 95		
Pull Out *Weekday: Weekend:	<u>Vehicles Required</u> 57 26	<u>Average</u> <u>Available</u> 59 50	<u>% Up (Down)</u> 104% 192%
	les Required were 72 cars a	nd Average Availab	le were also 72.
Monthly Mileage:	494,285		
Expo Line Fleet	<u>Size: 56</u>		
Pull Out Weekday: Weekend:	Vehicles Required 42 30	<u>Average</u> <u>Available</u> 48 40	<u>% Up (Down)</u> 114% 133%
Monthly Mileage:	273,484		
Red/Purple Line	Fleet Size: 104	A	
<u>Pull Out</u> Weekday: Weekend:	Vehicles Required 64 40	<u>Average</u> <u>Available</u> 74 64	<u>% Up (Down)</u> 116% 160%
Monthly Mileage:	606,564		
Green Line Flee	t Size: 29		
<u>Pull Out</u> Weekday: Weekend:	Vehicles Required 22 14	<u>Average</u> <u>Available</u> 22 17	<u>% Up (Down)</u> 100% 121%
Monthly Mileage:	233,547		
Gold Line Fleet	Size: 65		
Pull Out Weekday (Div 21): Weekday (Div 24): Weekend (Div 24):	Vehicles Required 10 39 28	Average Available 10 40 36	% Up (Down) 100% 103% 129%
*Monthly Mileage:	559,512		
* Gold Line monthly n	nileage includes Divisio	on 21 and 24.	



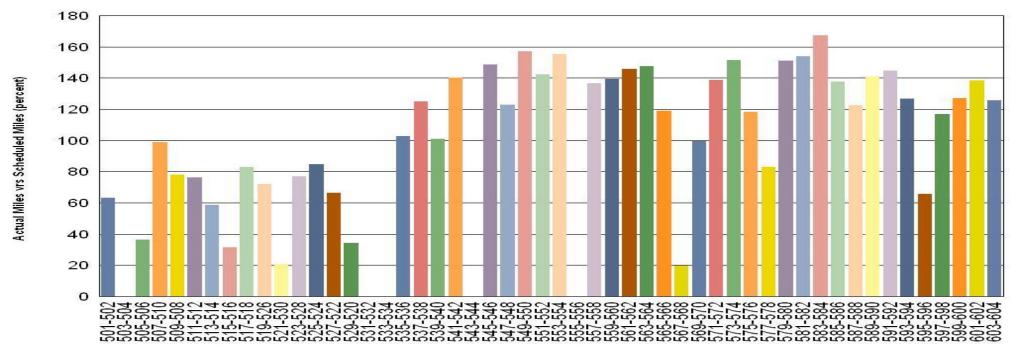






Vehicle Utilization June 2017

Metro Red/Purple Line (104 Cars)



Red/Purple Line:

The following cars were out of service due to:

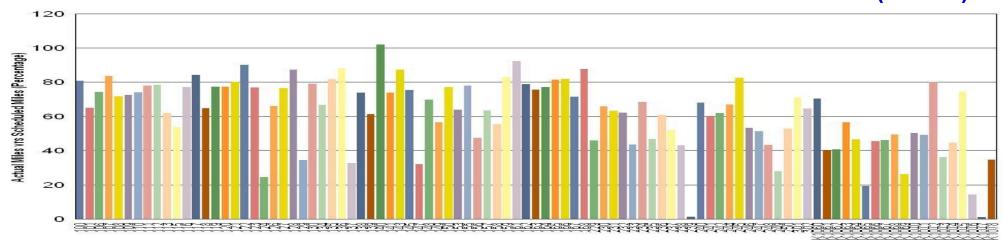
Car # 503-504 – Emergency Brake Application Issue
Car # 505-506 – Propulsion Issue – CB1 Tripped
Car # 515-516 – AC Evaporator Motor Campaign
Car # 521-530 – Propulsion Issue – CB1 Tripped
Car # 529-520 – Propulsion Issue – DC Motor Shorted
Car # 531-532 – A650 Midlife Overhaul
Car # 533-534 – Interior Renovation
Car # 543-544 – GTO Shoot Through





Vehicle Utilization June 2017

Metro Blue Line (95 Cars)



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

Car # 124 – 60K Inspection/Air Hose Overhaul Campaign

Car # 129 - Derailment/Decommissioning

Car # 137* – Friction Brake Fault
Car # 147* – Friction Brake Fault

Car # 239 - Accident 10-73 Repairs

Car # 249*- Flats on A & C Truck

Car # K1065* - ATP/APS Fault

Car # K1069 - B-end TWC/Door MVB Fault

Car # K1073*- Pre 10K Inspection

Car # K1076* – Windshield Replacement

Car # K1077* – Windshield Replacement/Body Damage

Car # K1078* – B-end Coupler Damaged

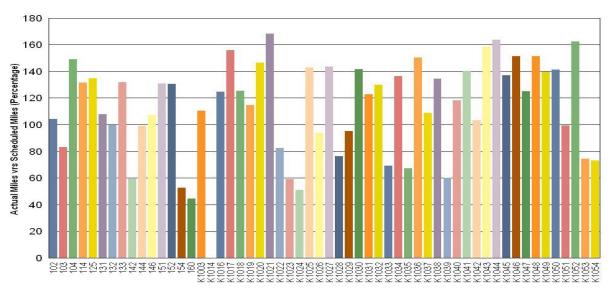
Notes* Expo Cars were transferred to Blue Line on June 24.

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

Car # K1014 – Burnt wiring KI repairing



Metro Expo Line (56 Cars)



Vehicle Utilization June 2017

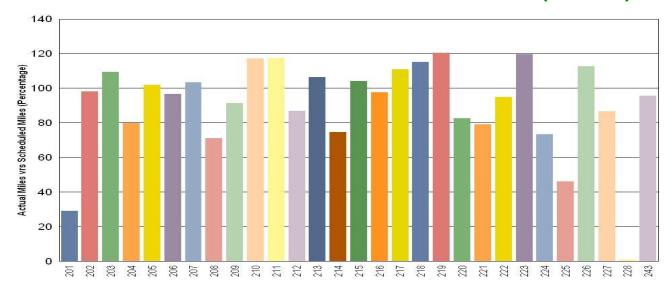
Metro Green Line (29 Cars)

Green Line:

The following cars were out of service due to:

Car # 201 – EMI/Propulsion Fault

Car # 228 - Exterior & Interior Paint & Body Rehab



Metro Gold Line (65 Cars)

Gold Line:

The following cars were out of service due to:

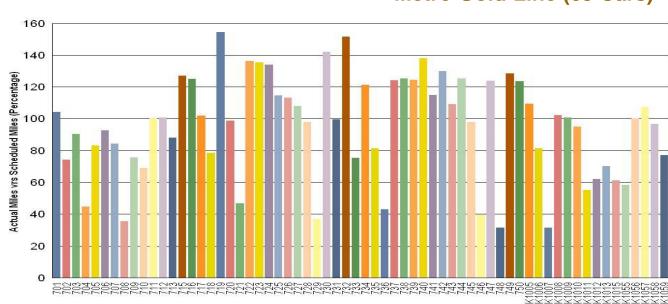
Car # 708 – 30K Inspection, Open Work Order

Car # 729 – 120K Inspection, Open Work Order

Car # 748 – Burnt Wires, Open Work Order

Car # K1007 – Warranty Repair, waiting for

Download Reviews and Repair

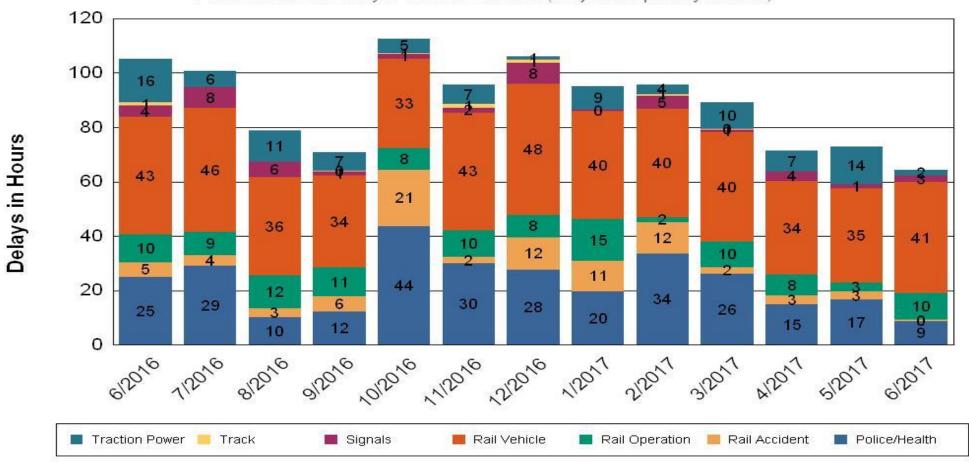




All Train Delays (Hours) June 2016-2017

All Train Delays

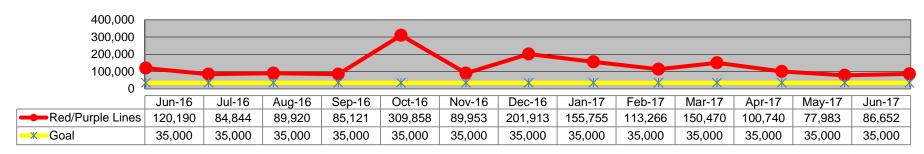
Totals Include the delay to all trains involved (not just the primary incident)



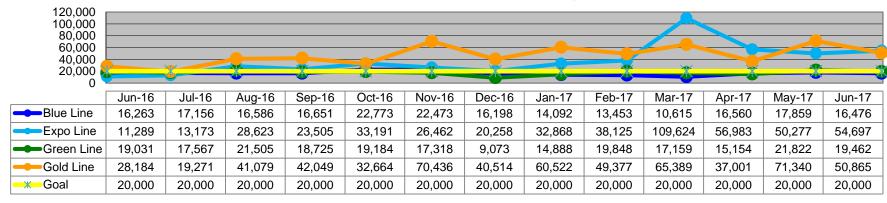


Mean Miles Between Major Failures (MMBF) June 2016-2017

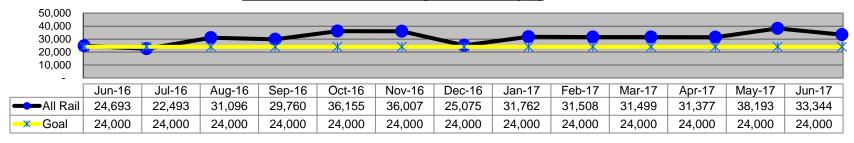
Mean Miles Between Major Failures - Heavy Rail



Mean Miles Between Major Failures - Light Rail



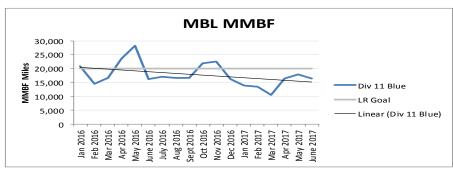
Mean Miles Between Major Failures (all)

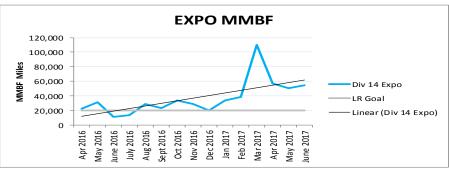


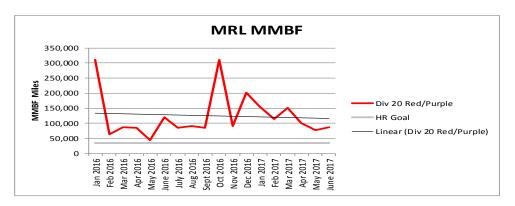


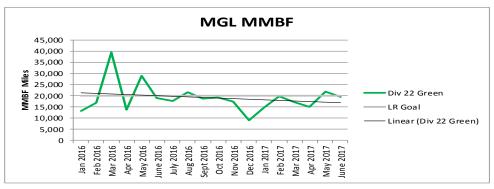
MMBF by Division June 2016-2017

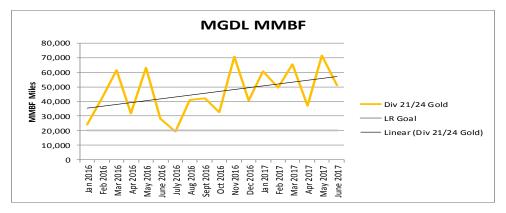
	Div 11	Div 20	Div 22	Div 21/24	Div 14		
Month	Blue	Red/Purple	Green	Gold	Expo	LR Goal	HR Goal
Jan 2016	20,976	310,794	13,075	24,371	-	20,000	35,000
Feb 2016	14,628	62,876	16,751	42,632	1	20,000	35,000
Mar 2016	16,739	86,604	39,513	61,444	ı	20,000	35,000
Apr 2016	23,513	84,909	13,853	31,658	22,195	20,000	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
June 2017	16,476	86,652	19,462	50,865	54,697	20,000	35,000





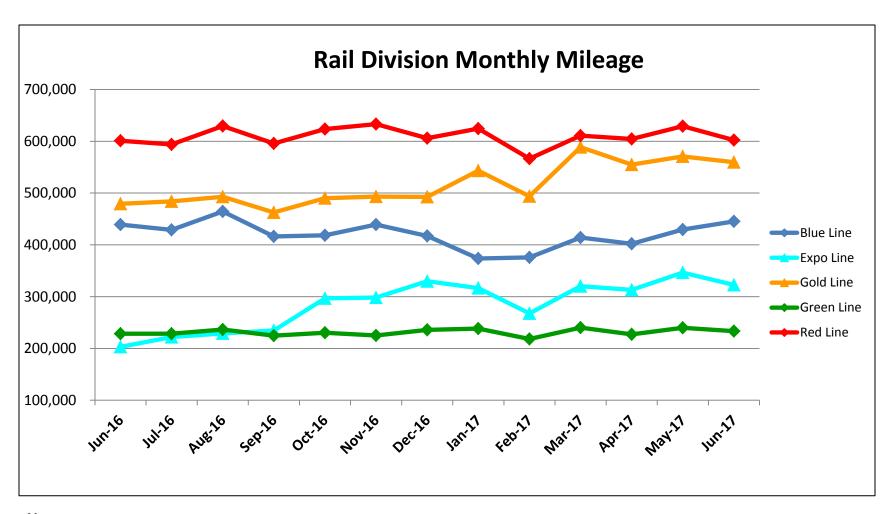








Mileage Between Data Range (by month) June 2016-2017

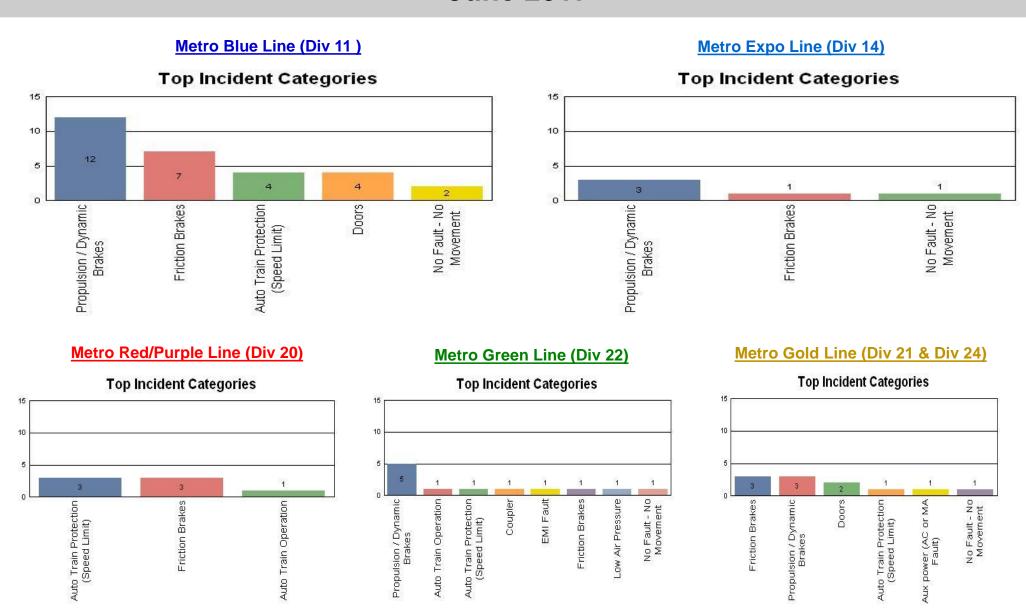


Notes:

- 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 June 2017





Major Incidents June 2016-2017

Numbers of Major System Failures (by Line)



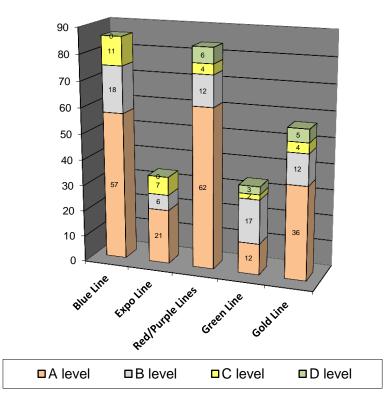


Preventive Maintenance Compliance June 2016-2017

PM Compliance	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-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	100%	100%	100%	97%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Gold Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%

Number of Pre	ventive Ma	intenance	Inspection	s - June 20	17
Line	A level	B level	C level	D level	Totals
Blue Line	57	18	11	0	86
Expo Line	21	6	7	0	34
Red/Purple Lines	62	12	4	6	84
Green Line	12	17	2	3	34
Gold Line	36	12	4	5	57
Totals:	188	65	28	14	295

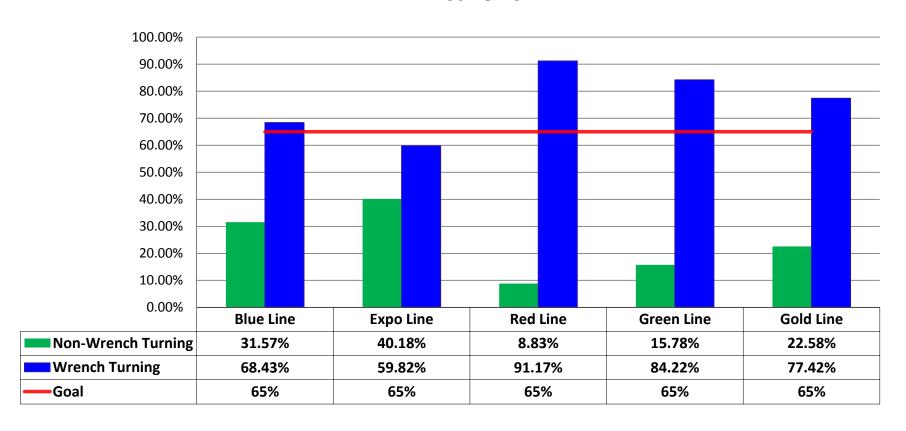
Explanation of PM	Inspection levels		Mile	S	
Line	Туре	A level	B level	C level	D level
Blue/Expo Lines	P865/P2020	5,000	15,000	30,000	60,000
Blue/Expo Lines	P2000	7,500	22,500	45,000	90,000
Red/Purple Lines	A650	7,500	22,500	45,000	90,000
Green Line	P2000	7,500	22,500	45,000	90,000
Gold Line	P2550	10,000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





RFS Leader Wrench Turning June 2017

RFS - Leader Wrench Turning
June 2017

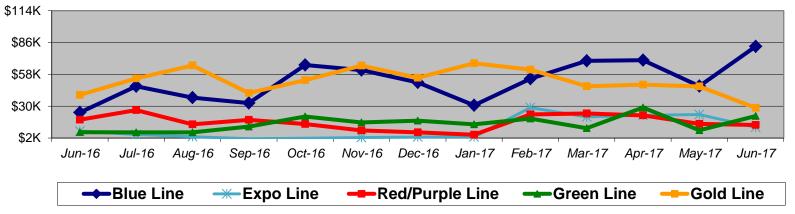


Notes: Labor hours contributed by Maint Specialist Leader, Rail Body/Paint Repair Leader, and Maint Specialist Temporary Leader



Vandalism & Graffiti Report June 2016-2017

						Graffi	ti Costs							
	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	13-Month Period
Blue Line	\$24K	\$48K	\$38K	\$33K	\$66K	\$62K	\$51K	\$31K	\$54K	\$70K	\$71K	\$48K	\$83K	\$677K
Expo Line	\$8K	\$5K	\$3K	\$2K	\$2K	\$2K	\$3K	\$3K	\$29K	\$21K	\$22K	\$23K	\$11K	\$134K
Red/Purple Line	\$18K	\$27K	\$14K	\$18K	\$14K	\$9K	\$7K	\$5K	\$23K	\$24K	\$22K	\$14K	\$13K	\$208K
Green Line	\$7K	\$7K	\$7K	\$12K	\$21K	\$16K	\$17K	\$14K	\$19K	\$11K	\$29K	\$9K	\$21K	\$191K
Gold Line	\$40K	\$54K	\$66K	\$42K	\$53K	\$66K	\$55K	\$68K	\$62K	\$48K	\$49K	\$47K	\$29K	\$678K
Totals:	\$98K	\$141K	\$128K	\$106K	\$157K	\$154K	\$133K	\$121K	\$187K	\$172K	\$193K	\$141K	\$158K	\$1,888K



June 2017	' Vandalis	sm	& Graffiti	- Al	l Rail	
	Qty		Labor	M	aterials	Totals
Windows Replaced	279	\$	40,887	\$	29,658	\$ 70,545
Vandal Shields Replaced	552	\$	22,901	\$	12,132	\$ 35,033
Seats Cleaned	245	\$	4,839	\$	40	\$ 4,879
Seats Inserts Replaced	394	\$	17,703	\$	3,486	\$ 21,189
Graffiti Removal - Other	1,569	\$	17,810	\$	3,854	\$ 21,664
Repainting Panels	135	\$	4,253	\$	-	\$ 4,253
Totals	3,174	\$	108,393	\$	49,170	\$ 157,563



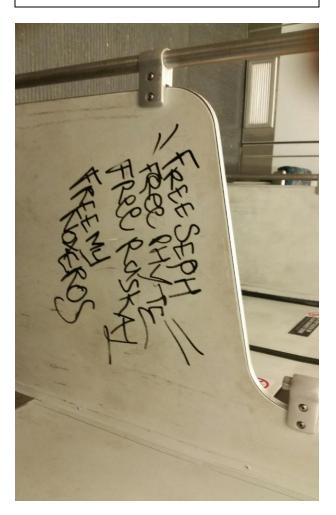
Vandalism & Graffiti Pictures June 2017

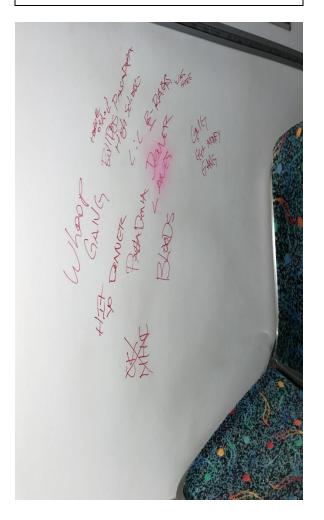
Blue Line

Green Line



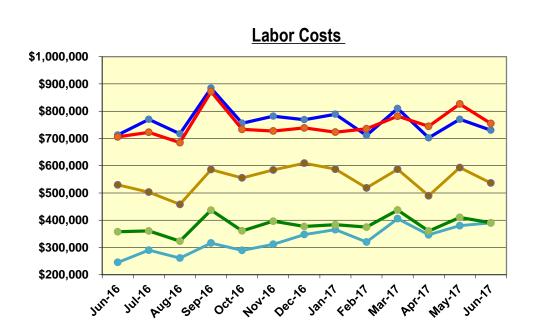


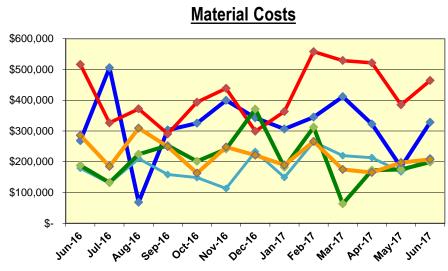






Labor and Material Costs June 2016-2017





	Jun-16		Jul-16	Aug-16	Sep-16	Oct-16	Nov-16		Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
								Lak	or Costs						
Blue Line	\$ 712,774	\$	770,143	\$ 716,923	\$ 884,555	\$ 755,958	\$ 781,662	\$	768,756	\$ 788,785	\$ 711,354	\$ 810,012	\$ 702,374	\$ 770,245	\$ 730,183
Expo Line	\$ 245,339	\$	290,199	\$ 261,217	\$ 316,395	\$ 289,213	\$ 311,627	\$	347,280	\$ 365,354	\$ 320,019	\$ 405,656	\$ 346,398	\$ 379,871	\$ 389,878
Red/Purple Lines	\$ 705,772	\$	722,363	\$ 684,555	\$ 871,431	\$ 733,202	\$ 727,093	\$	738,672	\$ 723,038	\$ 735,394	\$ 781,595	\$ 744,460	\$ 826,461	\$ 754,862
Green Line	\$ 357,807	\$	360,682	\$ 323,087	\$ 436,825	\$ 360,963	\$ 396,278	\$	376,933	\$ 383,591	\$ 374,747	\$ 437,154	\$ 360,314	\$ 410,146	\$ 390,662
Gold Line	\$ 529,761	\$	502,967	\$ 458,067	\$ 585,582	\$ 555,213	\$ 584,203	\$	609,215	\$ 587,313	\$ 518,524	\$ 586,949	\$ 489,634	\$ 593,070	\$ 536,404
Totals	\$ 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	\$ 2,801,989

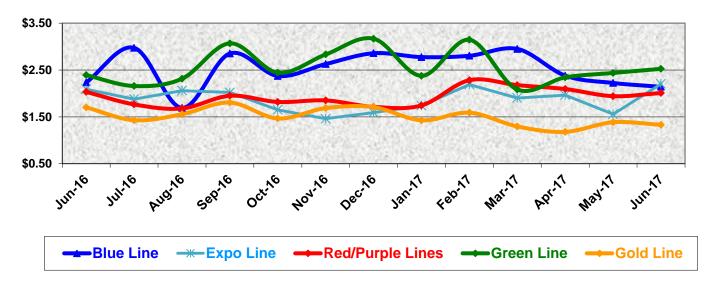
	Material Costs																		
Blue Line	\$ 268,750	\$	505,721	\$	68,670	\$	303,202	\$	324,999	\$	399,427	\$ 342,695	\$ 306,710	\$ 344,931	\$ 411,541	\$	322,424	\$ 182,846	\$ 328,206
Expo Line	\$ 179,099	\$	130,419	\$	210,312	\$	158,666	\$	148,670	\$	113,229	\$ 233,001	\$ 149,260	\$ 264,561	\$ 219,980	\$	213,435	\$ 167,428	\$ 212,682
Red/Purple Lines	\$ 515,978	\$	326,251	\$	371,920	\$	290,597	\$	393,507	\$	438,480	\$ 299,157	\$ 363,192	\$ 557,616	\$ 528,820	\$	521,242	\$ 384,776	\$ 463,957
Green Line	\$ 188,111	\$	132,247	\$	224,414	\$	252,988	\$	201,438	\$	241,344	\$ 370,755	\$ 182,518	\$ 312,113	\$ 63,371	\$	172,269	\$ 174,969	\$ 199,040
Gold Line	\$ 285,877	\$\$	185,153	\$\$	308,906	\$	249,398	\$	162,899	\$	247,842	\$ 221,172	\$ 189,520	\$ 265,930	\$ 175,047	\$	165,012	\$ 197,220	\$ 207,555
Totals	\$ 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	\$ 1,411,440



Cost Per Mile June 2016-2017

Cost per mile:	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Average
Blue Line	\$2.24	\$2.97	\$1.69	\$2.85	\$2.37	\$2.63	\$2.86	\$2.78	\$2.80	\$2.95	\$2.38	\$2.22	\$2.14	\$2.53
Expo Line	\$2.09	\$1.88	\$2.06	\$2.02	\$1.65	\$1.46	\$1.59	\$1.74	\$2.19	\$1.90	\$1.96	\$1.56	\$2.20	\$1.87
Red/Purple Lines	\$2.03	\$1.77	\$1.68	\$1.95	\$1.82	\$1.85	\$1.71	\$1.74	\$2.28	\$2.18	\$2.09	\$1.94	\$2.01	\$1.93
Green Line	\$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	\$2.56
Gold Line	\$1.70	\$1.43	\$1.56	\$1.81	\$1.47	\$1.69	\$1.71	\$1.43	\$1.59	\$1.29	\$1.18	\$1.38	\$1.33	\$1.50

Cost per Mile





ATU Absences vs. Overtime June 2017

ABSENCE TYPE and HOURS	3941 Blue	3947 Expo	3942 Red	3943 Green	3944 Gold	3948 Monrovia	Total
AWP-ABSENT W/O PERMISSION	16	_	_	12	_	8	36
CTO-COMPENSATORY TIME OFF	16	16	20	8	_	-	60
CUT-EMPLOYEE LEAVES EARLY	0	4	-	3	_	1	8
DSL-DISABILITY LEAVE/LONG	408	176	_	448	_	_	1.032
EFH-EMG. FLOAT HOL.	48	64	144	88	8	144	496
ETO-EXCUSED TIME OFF	58	65	52	14	_	22	211
FMI-FAM IND INJURY	-	-	240	176	-	192	608
FML-FAMILY CARE LEAVE	544	388	205	280	8	328	1,753
FMS-FAMILY LEAVE SICK	_	94	33	-	8	51	186
HLF-HOLIDAY FLOATING	992	256	632	168	96	336	2,480
II-INDUSTRIAL INJURY	168	176	_	168	-	-	512
JUR-JURY DUTY	8	-	16	-	_	24	48
LC1-LABOR CODE 233	40	56	132	80	24	92	424
LTI-OCCPIL/LONGTRM INJ LEAVE	168	-	464	-	_	-	632
MLN-MILITARY ABSENCE-UNPAID	48	-	-	-	1	-	48
OWP-OFF WITH PERMISSION	-	16	14	ı	ı	-	30
RTO-REQUESTED TIME OFF-NO PAY	-	-	-	1	-	-	1
SCK-SICK PAY	288	64	108	40	72	127	698
SCW-SICK WITHOUT PAY	-	-	-	152	ı	41	193
TAR-TARDY	3	1	1	3	0	(11)	(2)
VAC-VACATION	2,002	360	2,152	732	184	1,108	6,538
VAS-VACATION WHILE SICK	-	-	8		1	-	8
*TRAINING	200	-	-	160	1	240	600
Total Absence Hours	5,006	1,736	4,221	2,532	400	2,703	16,598
**ATU Number of Work Force (active)	107	41	102	43	19	60	372
Full Work Force hours/month	18,543	7,105	17,677	7,452	3,293	10,400	64,468
Absence as a % of Work Force	27%	24%	24%	34%	12%	26%	26%

OVERTIME TYPE and HOURS	3941 Blue	3947 Expo	3942 Red	3943 Green	3944 Gold	3948 Monrovia	Total
CTB-COMPENSATORY TIME TO BANK	473	437	1,267	353	2	350	2,881
OTP-PREM OVERTIME	4,166	1,797	3,839	1,877	29	907	12,614
WLO-Worked Lunch Overtme	132	150	267	86	32	88	755
Total Overtime Hours	4,770	2,384	5,374	2,316	62	1,345	16,250
Overtime as a % of Work Force	26%	34%	30%	31%	2%	13%	25%

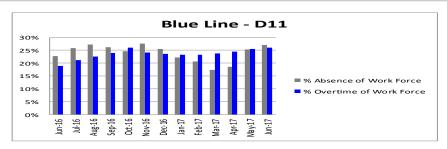
^{*}Training hours captured by Instruction Department are added to Absences Report.

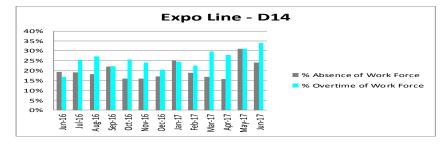
^{**}ATU Employee Numbers from ATU Manpower Status Report (last week of the month)

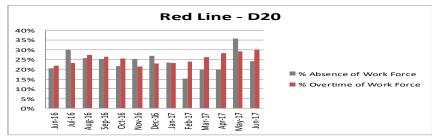


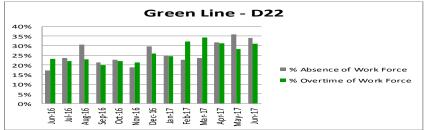
Note: Overtime also covers other required activities, including Training, Component Overhaul, and Special Events.

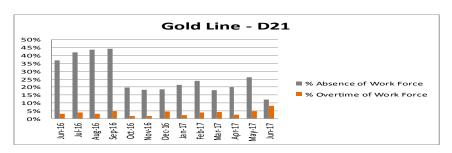
ATU - %Absence & %Overtime of Work Force June 2016 - 2017

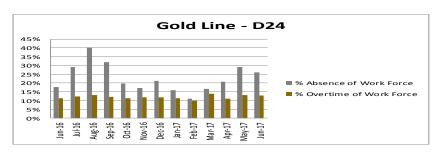












% Abse	nce of Work Force	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	13-Month Average
	Blue Line D11	23%	26%	27%	26%	25%	28%	26%	22%	21%	17%	19%	25%	27%	24%
	Expo Line D14	19%	19%	18%	22%	16%	16%	17%	25%	19%	17%	16%	31%	24%	20%
	Red Line D20	20%	30%	26%	25%	22%	25%	27%	23%	15%	20%	20%	36%	24%	24%
	Green Line D22	17%	24%	31%	21%	23%	19%	30%	25%	23%	24%	32%	36%	34%	26%
	Gold Line D21	37%	42%	43%	44%	20%	18%	18%	21%	24%	18%	20%	26%	12%	26%
	Gold Line D24	18%	29%	40%	32%	20%	17%	21%	16%	11%	17%	21%	29%	26%	23%

% Overti	ime of Work Force	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	13-Month Average
	Blue Line D11	19%	21%	23%	24%	26%	24%	24%	23%	23%	24%	24%	26%	26%	24%
	Expo Line D14	17%	25%	27%	22%	26%	24%	20%	24%	22%	30%	28%	31%	34%	25%
	Red Line D20	22%	23%	27%	26%	26%	21%	23%	23%	24%	26%	28%	29%	30%	25%
	Green Line D22	23%	22%	23%	20%	22%	21%	26%	25%	32%	34%	31%	28%	31%	26%
	Gold Line D21	3%	4%	3%	5%	2%	2%	5%	2%	4%	4%	2%	5%	2%	3%
	Gold Line D24	11%	12%	13%	12%	11%	12%	12%	11%	10%	14%	11%	13%	13%	12%



RFS Instruction Department Activities June 2017

LRV Training classes completed during the month of June 2017

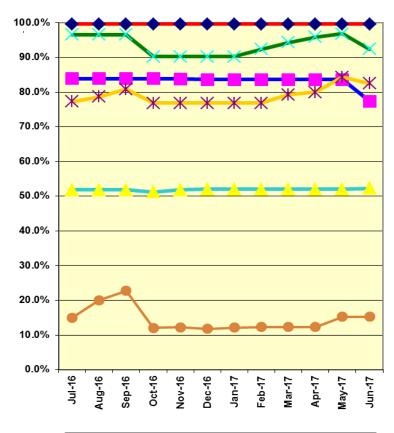
Description	Course Hours	Student Count	Training Hours			
Blue Line Training - (P865/2020 & P2000 LRVs):						
RFS KINKISHARYO VEHICLE SYSTEMS	40	5	200			
	Total Blue Line Traini	ng (Hours):	200			
Light Rail Training [In Monrovia (P2550 & P3010 LRVs)]	<u>.</u>					
RFS KINKISHARYO VEHICLE SYSTEMS	40	6	240			
	Total Light Rail Traini	ng (Hours):	240			
Expo Line Training - (P865/2020, P2000, & P3010 LRVs) Gold Line Training (P2550 LRVs):	0					
	Total Gold Line Traini	etal Gold Line Training (Hours):				
Green Line Training (P2000 LRVs): RFS KINKISHARYO INTRO & MAINLINE RESPONSE	16	10	160			

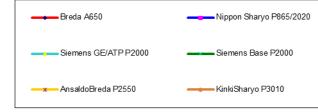
Total Green Line Training (Hours): 160

Total RFS Instruction for the month of June 2017 (Hours): 720

Core Vehicle Training Completed:	BLUE	EXPO	GOLD	GREEN
Percentage of core vehicle training complete:	77.4%	21.3%	82.5%	92.4%
Siemens P2000 training complete:	52.3%	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:	14.6	3.7	7.3	10.7

Core Training Completed







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

RFS Instruction Department Activities June 2017

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

<u>Description</u>	Course Hours	Student Count	Training Hours
Red Line Training - Breda A650 HRV			
None (JAC Program Training)	0	0	0
Total Red Line Training Hours			0
JAC Training			
RFS BREDA 650 LIGHT & DEST DESIGN	12	10	120
Total JAC Training Hours		_	120
Other Training (RFS Created or Provided)			
SAFETY AND THE HUMAN ELEMENT (Div 11)	1.5	79	118.5
SAFETY AND THE HUMAN ELEMENT (Div 14)	1.5	23	34.5
SAFETY AND THE HUMAN ELEMENT (DIV 20)	1.5	89	133.5
SAFETY AND THE HUMAN ELEMENT (Div 21)	1.5	9	13.5
SAFETY AND THE HUMAN ELEMENT (Div 22)	1.5	35	52.5
SAFETY AND THE HUMAN ELEMENT (DIV 24)	1.5	28	42
Total Other Training Hours			394.5

Other Instruction Activities	<u>Curriculum</u>	Administrative	Technical Support	<u>Total</u>
A650 Curriculum, Administrative, and Technical Support	164	270	43	477
Time Off (HOL, TOV, & SCK)				40
Total Other Instruction Activities				517

Core Vehicle Training Completed:	RED	
Percentage of Core Vehicle Training Complete:	99.6%	
Average Specialist Rail Experience Level in Years:	12 9	

