



Rail Fleet Services Monthly Report December 2010



Metro

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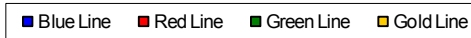
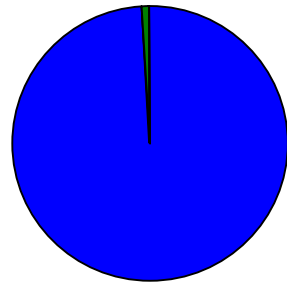
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Industrial Injuries – Lost Work Hours

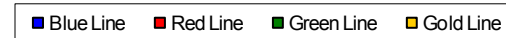
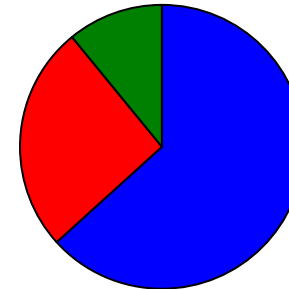
December 2010

	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Year to Date
Blue Line	176	160	264	256	328	424	496	472	352	352	336	368	3,984
Red Line	352	200	176	176	280	168	176	80	0	8	0	0	1,616
Green Line	168	168	136	16	3	0	56	128	0	0	0	3	678
Gold Line	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	696	528	576	448	611	592	728	680	352	360	336	371	6,278

December 2010 - Lost Work Hours



Year-to-Date Lost Work Hours



	Employees		December 2010 Lost Work Hours			
	Assigned	Active	Service Attendant	Maint. Specialist	Body Repairer /Painter	December 2010 Total Hrs.
Blue Line	110	106	0	184	184	368
Red Line	104	103	0	0	0	0
Green Line	46	44	3	0	0	3
Gold Line	50	48	0	0	0	0
Totals	310	301	3	184	184	371
Total Lost Work Hours for 12-months = 6278 hours						

Rail Vehicle Accidents & Major Incidents

December 2010

Repair Costs	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Totals
Blue Line	\$39,034	\$5,600	\$11,305	\$2,100	\$5,705	\$2,050	\$36,498	\$50,124	\$916	\$4,781	\$10,716	\$16,938	\$185,767
Red Line	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$562	\$562
Green Line	\$0	\$0	\$0	\$0	\$4,799	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,799
Gold Line	\$17,028	\$4,404	\$0	\$0	\$3,523	\$0	\$653	\$0	\$441	\$4,286	\$3,016	\$1,374	\$34,725
Totals	\$56,062	\$10,004	\$11,305	\$2,100	\$14,027	\$2,050	\$37,151	\$50,124	\$1,357	\$9,067	\$13,732	\$18,874	\$225,853

Rail Vehicle Accident Costs - December 2010				
Metro Blue Main Line				
2010	Incident #	Problem code	Incident Description	Cost
12/2/2010	1910638	(10-73) Train vs.Vehicle	Vehicle abandoned on the right of way. Train No. 7 along with T-159, Northbound, Track 1.	10,795.00
2010	Incident #	Problem code	Incident Description	Cost
12/03/10	19112041	(10-72) Train vs.Pedestrian	Train vs. pedestrian reported southbound on Track 2 at 130th grade crossing. Train No. 10, T-104, (134A) 112-168.	1,225.00
2010	Incident #	Problem code	Incident Description	Cost
12/12/10	1923418	(10-73) Train vs.Vehicle	Train vs. Vehicle (N/B) at 16th & Long Beach Blvd. Debris was stuck under truck 114A resulting in techs responding to remove material. Train was evacuated.Train 1, 152-156, Track 1.	2,168.00
2010	Incident #	Problem code	Incident Description	Cost
12/18/10	1932418	(10-71) Train vs.Object	Test train (T-256) hit a shopping cart northbound on Track 1, North of Greenleaf grade crossing.	1,248.00
2010	Incident #	Problem code	Incident Description	Cost
12/21/10	1936603	(10-73) Train vs.Vehicle	Train vs. Auto (Train #149), Cars 108A, 105-164, R-122 operating with T-149 in the cab southbound at Flower/I-10 freeway.	1,077.00
2010	Incident #	Problem code	Incident Description	Cost
12/29/10	1947206	(10-71) Train vs.Object	Car 119A right side t-handle cover damaged. Train 7, T-264, Consist 119A, 106-152, Transit Mall Station.	113.00
2010	Incident #	Problem code	Incident Description	Cost
12/30/10	1948806	(10-73) Train vs.Vehicle	Train Vs. Auto (Train #2), Train Operator T-263, Cars (121A), 168, 110, Washington/Los Angeles, TK1, Northbound.	312.00
TOTAL FOR METRO BLUE LINE				16,938.00
Metro Gold Line				
2010	Incident #	Problem code	Incident Description	Cost
12/13/10	1924424	(10-72) Train vs.Pedestrian	T-098 reports one car on and one car off the platform due to Train #234A making contact with patron who stepped forward to spit on	687.00
2010	Incident #	Problem code	Incident Description	Cost
12/27/10	1944163	(10-72) Train vs.Pedestrian	Train vs. Pedestrian, Train 6, T2, Avenue 60, Track 2 Southbound.	687.00
TOTAL FOR METRO GOLD LINE				1,374.00
Metro Red Line				
2010	Incident #	Problem code	Incident Description	Cost
12/14/10	1927058	(10-72) Train vs.Pedestrian	Train vs. Pedestrian, Train 34, Train Operator T-241, Cars (503/504), 502/501, 514/513, Hollywood/Vine, AL, Eastbound.	562.00
TOTAL FOR METRO RED LINE				562.00
GRAND TOTAL				18,874.00
(10-71) = Train vs. Object, (10-72) = Train vs. Pedestrian, (10-73) = Train vs. Vehicle (10-74) = Train vs. MTA Vehicle, (10-75) = Derailment				



Service Delivery – AM/PM Pull-Outs December 2010

Cars Available for AM/PM Pull-Outs

Blue Line – Fleet Size 69 cars

Expo Line – Fleet Size 11 cars (prep for Expo service)

Weekday pull-out: 60 cars

Weekend pull-out: 36 cars

Monthly Mileage: 418,465 miles

Red Line - Fleet Size 104 cars

Weekday pull-out: 70 cars

Weekend pull-out: 48 cars

Monthly Mileage: 542,530 miles

Green Line – Fleet Size 30 cars

Green Line – Fleet Size 1 cars (P2000 for training)

Weekday pull-out: 22 cars

Weekend pull-out: 14 cars

Monthly Mileage: 222,080 miles

Gold Line – Fleet Size 53 cars

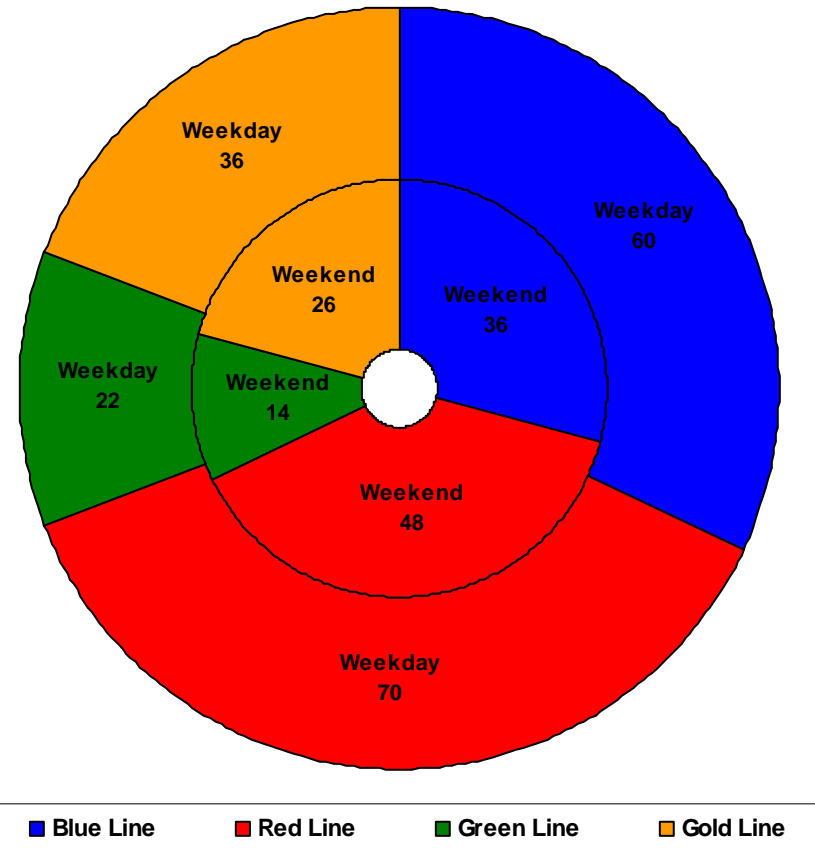
P2550 – Fleet Size 42 cars

P2000 – Fleet Size 11 cars

Weekday pull-out: 36 cars

Weekend pull-out: 26 cars

Monthly Mileage: 239,150 miles



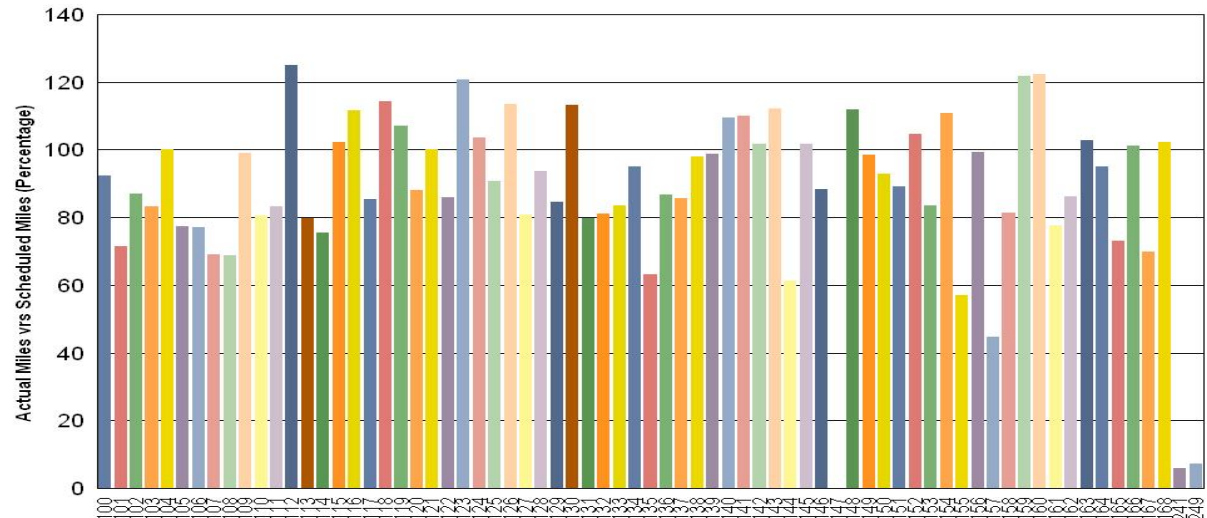
Vehicle Utilization December 2010

Blue Line – Vehicle #147 was in paint/body for floor repair. Vehicles 241 & 249 are part of the new EXPO car fleet and are currently undergoing modifications in preparation for revenue service later this year.

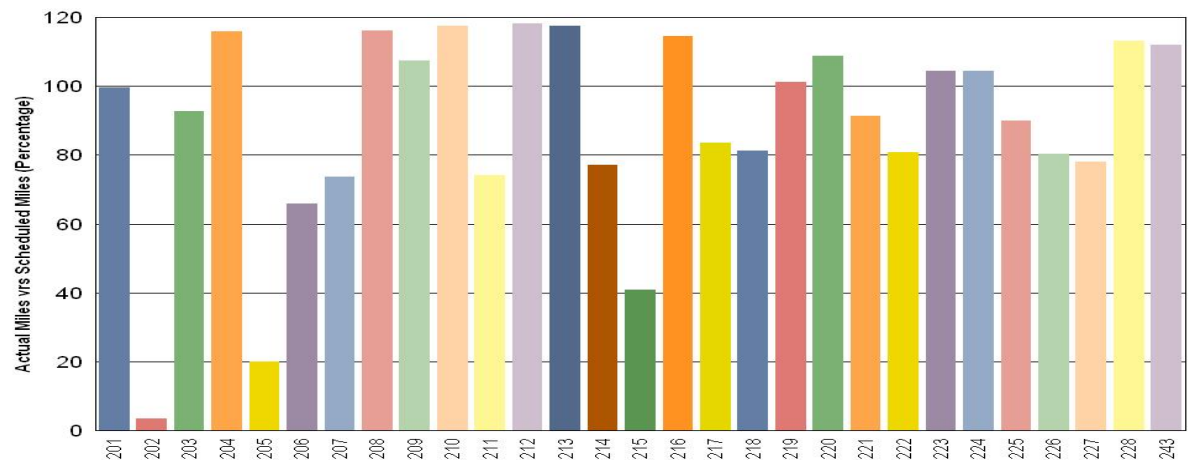
Note: Percentage includes an average 4% mileage deduction for Yard mileage and Vehicle Testing.

Green Line – Vehicle 202 was out of service for a truck replacement. Vehicle 205 was out of service for repeater Propulsion Faults.

Metro Blue Line



Metro Green Line

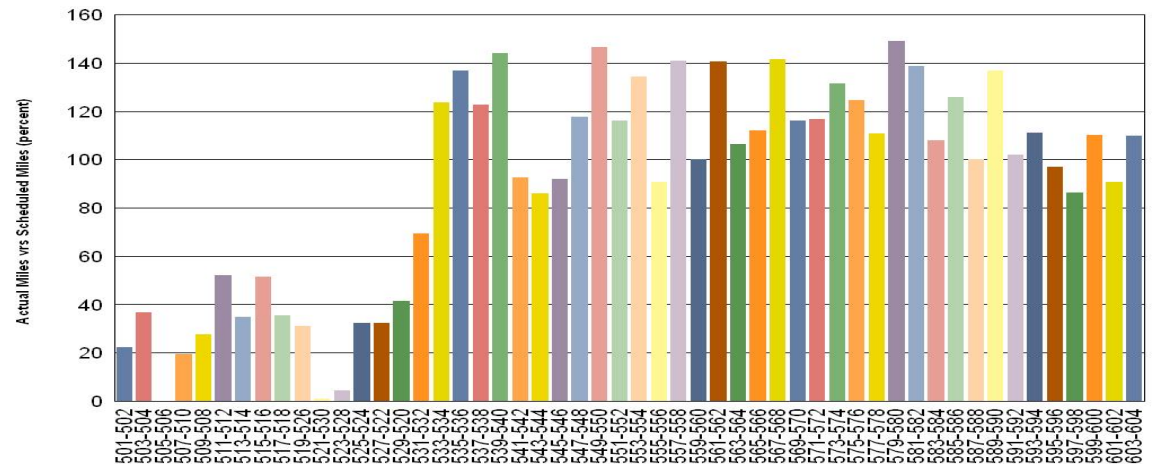


Vehicle Utilization December 2010

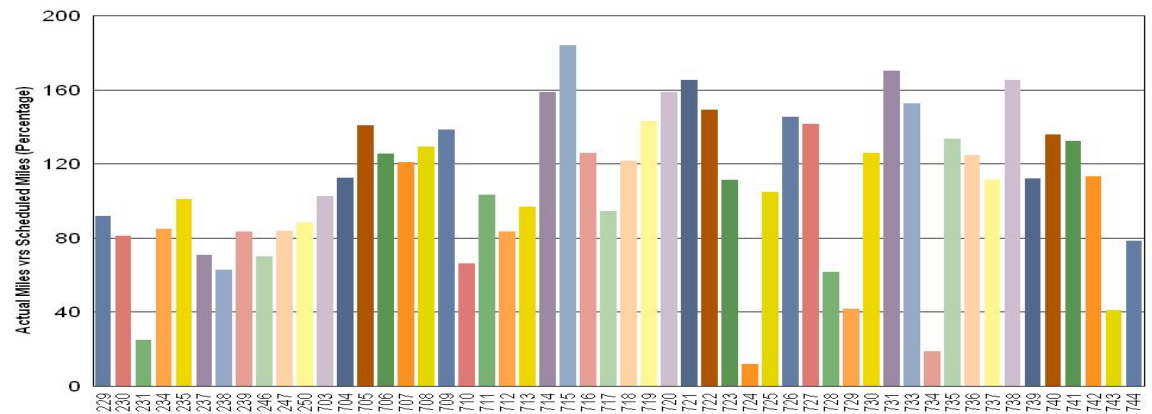
Red Line – Vehicles 501-502, 505-506, 507-510, 521-530, and 523-528 are flagged as low vehicle utilization due to Base-Buy fleet having propulsion and brake problems.

Percentage includes an average 4% mileage deduction for Yard mileage and Vehicle Testing.

Metro Red Line

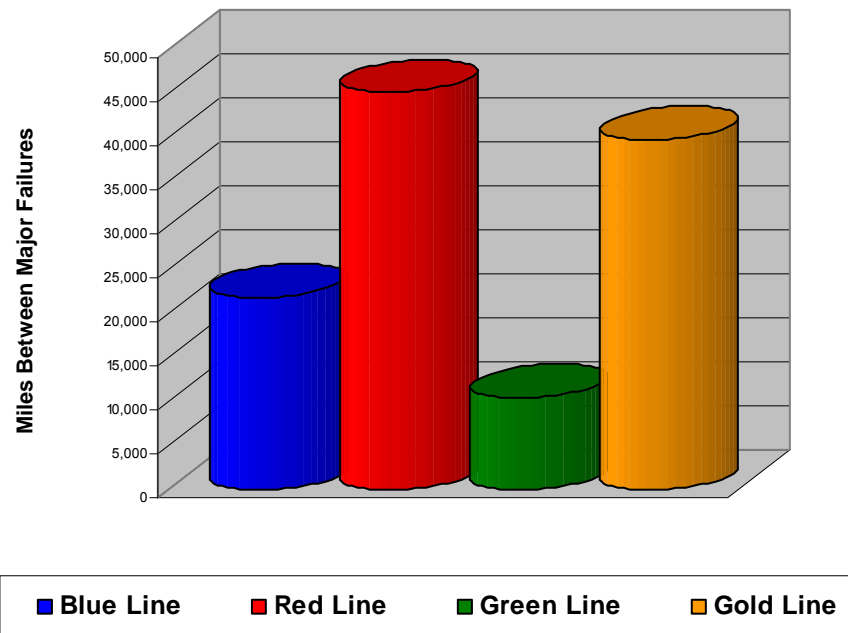


Metro Gold Line



Mean Miles Between Failures (Major) December 2010

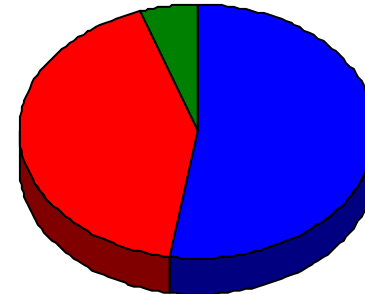
Line	Miles	Major Failures
Blue	22,024	19
Red	45,211	12
Green	10,575	21
Gold	39,858	6
Siemens	18,326	2
AnsaldoBreda	50,625	4



Major Failure: When a train does not complete its scheduled run or is more than 5 minutes late of its scheduled arrival time.

Repeat Failures (Major) December 2010

Metro Blue Line: 10 Failures
Metro Red Line: 8 Failures
Metro Green Line: 1 Failures
Metro Gold Line: 0 Failures



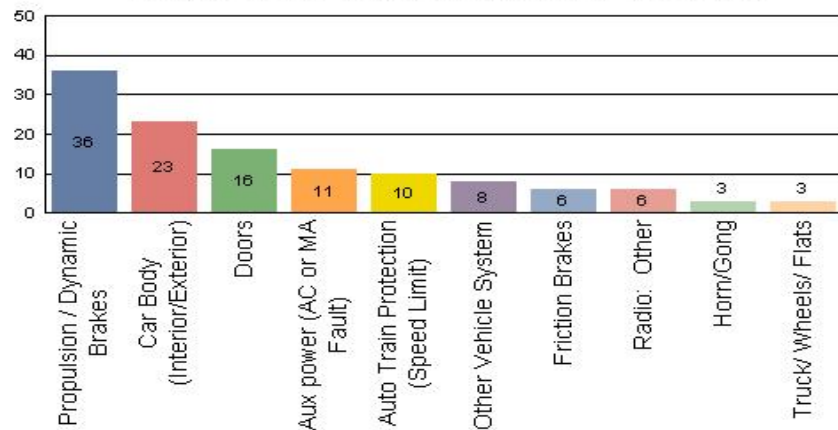
■ Blue Line
 ■ Red Line
 ■ Green Line
 ■ Gold Line

Repeater Car Details - December 2010								
System	Blue Line		Red Line		Green Line		Gold Line	
	Car #	Repeats	Car #	Repeats	Car #	Repeats	Car #	Repeats
Automated Train Protection	101	6						
Auxillary Power (AC/MA Fault)	150	1						
Doors					203	1		
Propulsion/Dynamic Brake	106	1	501	1				
	150	2	566	3				
			582	2				
Trucks			592	2				
TOTALS	10		8		1		0	

Reported Incidents December 2010

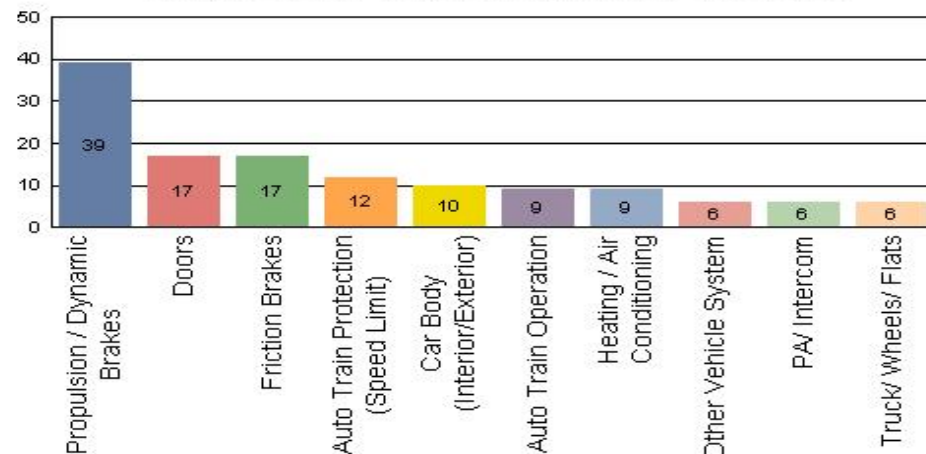
Metro Blue Line

Count of the Top 10 Incident Problems



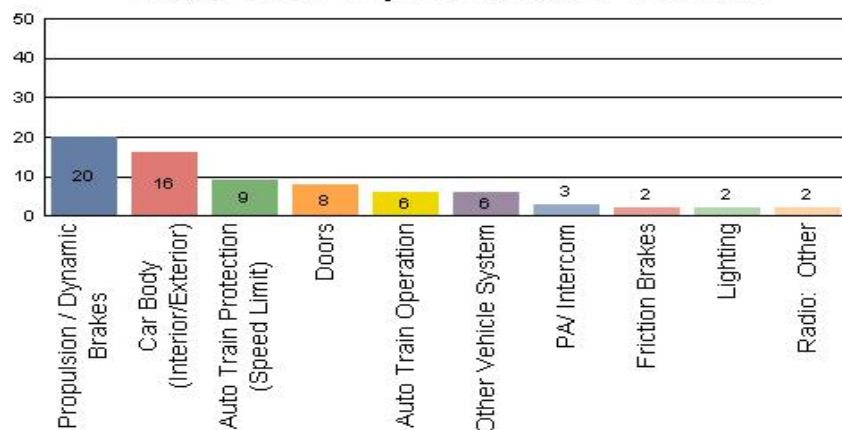
Metro Red Line

Count of the Top 10 Incident Problems



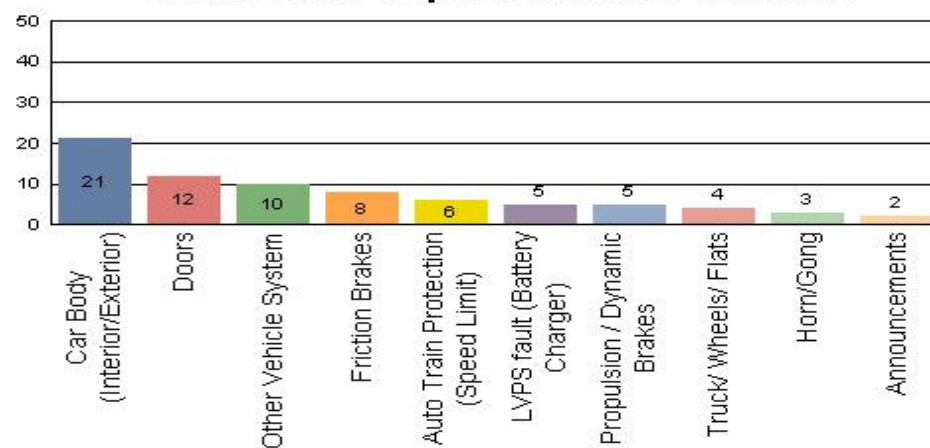
Metro Green Line

Count of the Top 10 Incident Problems



Metro Gold Line

Count of the Top 10 Incident Problems



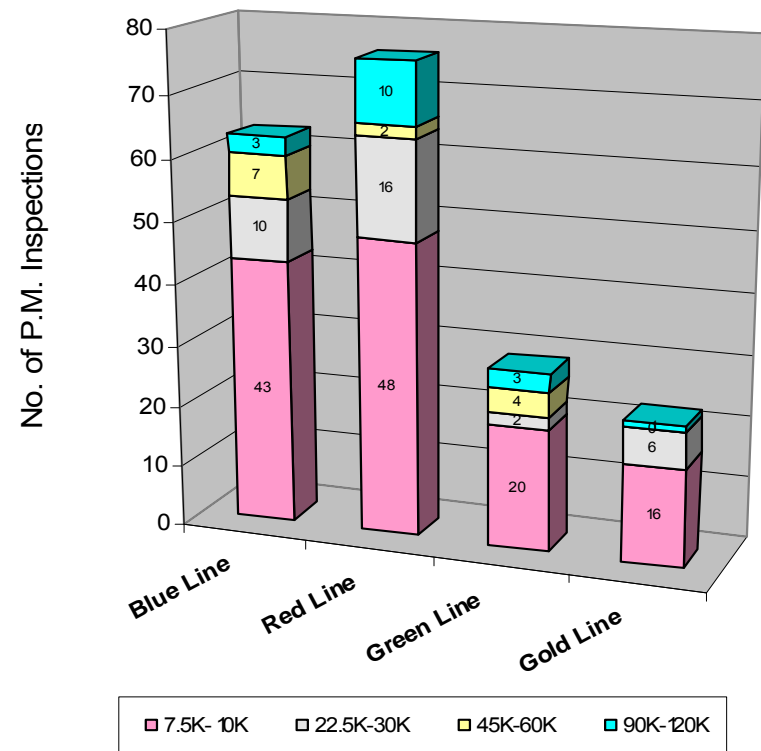
Preventative Maintenance Compliance

December 2010

Averages	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
Blue Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Red Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	97%	100%
Green Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Gold Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

December 2010 Preventative Maintenance Inspections

No. of P.M. Inspections	7.5K-10K	22.5K-30K	45K-60K	90K-120K	Totals	% Compliance
Blue Line	43	10	7	3	63	100%
Red Line	48	16	2	10	76	100%
Green Line	20	2	4	3	29	100%
Gold Line	16	6	0	1	23	100%
Totals:	127	34	13	17	191	100%

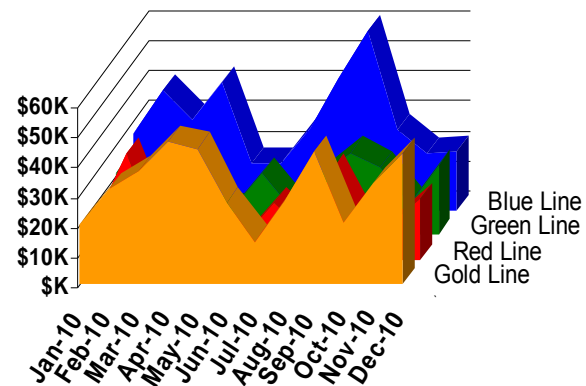


Vandalism & Graffiti Report

December 2010

	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Year-to-Date
Blue Line	\$26K	\$40K	\$31K	\$43K	\$16K	\$16K	\$28K	\$44K	\$60K	\$27K	\$19K	\$20K	\$369K
Green Line	\$21K	\$16K	\$21K	\$8K	\$9K	\$21K	\$9K	\$20K	\$28K	\$23K	\$10K	\$23K	\$208K
Red Line	\$16K	\$35K	\$11K	\$12K	\$11K	\$8K	\$19K	\$10K	\$30K	\$12K	\$12K	\$20K	\$195K
Gold Line	\$20K	\$32K	\$37K	\$48K	\$45K	\$27K	\$14K	\$28K	\$44K	\$20K	\$33K	\$44K	\$392K
Totals:	\$82K	\$123K	\$100K	\$110K	\$81K	\$71K	\$70K	\$102K	\$162K	\$82K	\$75K	\$107K	\$1,165K

December 2010 Vandalism & Graffiti - All Rail				
	Qty	Labor	Materials	Totals
Windows replaced	21	\$3K	\$4K	\$7K
Vandal Shields	284	\$8K	\$4K	\$12K
Vandal Shields - Other	111	\$3K	\$1K	\$4K
Seats Cleaned	4,860	\$11K	\$K	\$11K
Seats Replaced	3,203	\$6K	\$8K	\$14K
Ext/Int Repairs	73	\$4K	\$4K	\$8K
Exterior Graffiti Clean	691	\$46K	\$4K	\$50K
Totals for December 2010		\$82K	\$25K	\$107K



Graffiti Pictures December 2010



A - Metro Blue Line



B - Metro Green Line



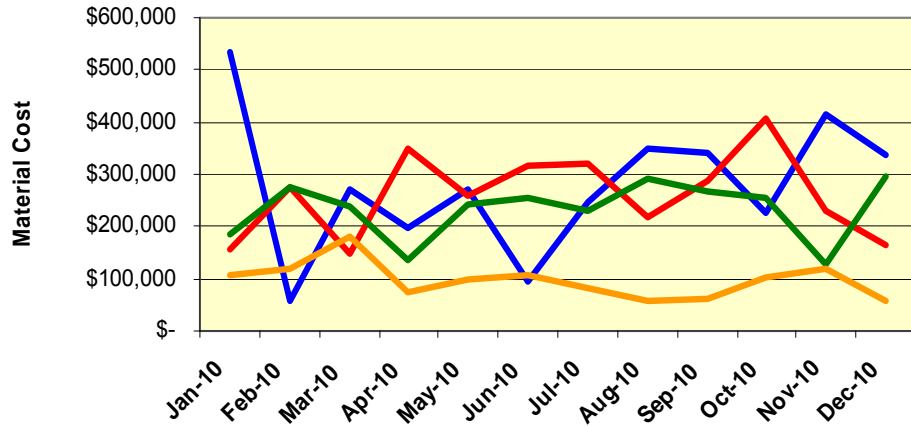
C - Metro Gold Line

Material and Labor Costs

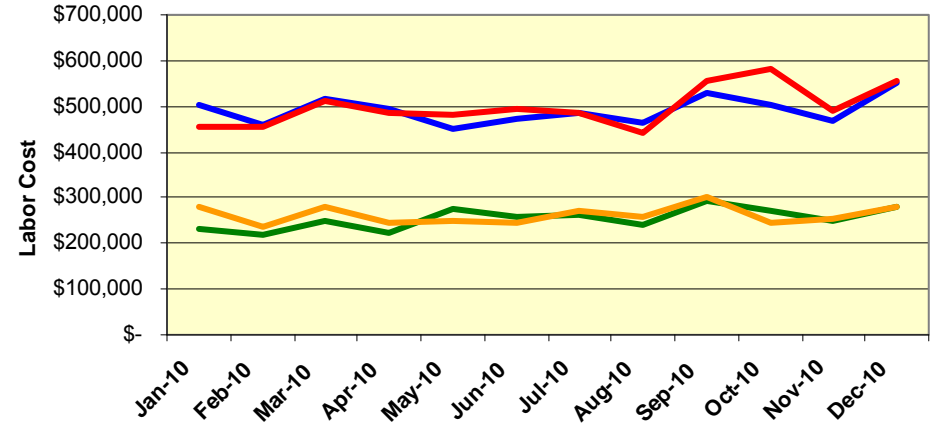
December 2010

MATERIALS	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Totals
Blue Line	\$ 535,717	\$ 57,633	\$ 270,743	\$ 197,253	\$ 272,347	\$ 94,924	\$ 245,000	\$ 347,681	\$ 341,681	\$ 225,412	\$ 416,656	\$ 337,959	\$ 3,343,007
Red Line	\$ 157,351	\$ 275,856	\$ 149,720	\$ 348,088	\$ 258,558	\$ 317,139	\$ 321,375	\$ 219,030	\$ 285,906	\$ 406,465	\$ 230,298	\$ 162,960	\$ 3,132,746
Green Line	\$ 184,149	\$ 276,116	\$ 240,194	\$ 136,768	\$ 244,408	\$ 256,000	\$ 231,296	\$ 291,938	\$ 267,489	\$ 253,619	\$ 128,574	\$ 295,924	\$ 2,806,476
Gold Line	\$ 105,109	\$ 117,356	\$ 179,658	\$ 72,343	\$ 98,102	\$ 105,801	\$ 81,897	\$ 57,693	\$ 61,673	\$ 104,711	\$ 117,573	\$ 58,796	\$ 1,160,712
Totals	\$ 982,326	\$ 726,961	\$ 840,315	\$ 754,453	\$ 873,415	\$ 773,864	\$ 879,567	\$ 916,342	\$ 956,749	\$ 990,206	\$ 893,102	\$ 855,640	\$ 10,442,941

Material Costs



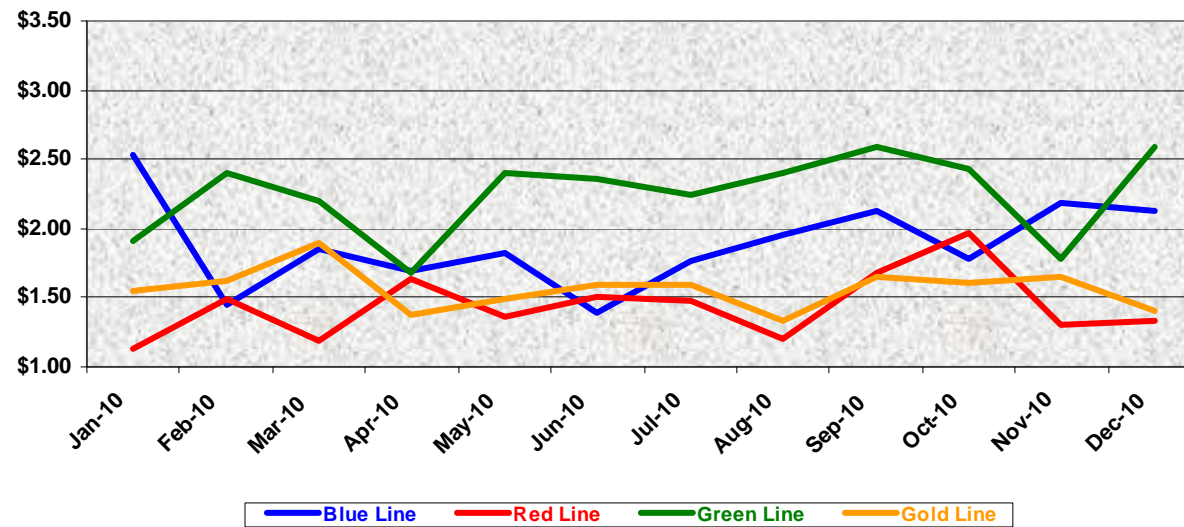
Labor Costs



LABOR	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
Blue Line	\$ 505,239	\$ 458,335	\$ 515,305	\$ 492,862	\$ 451,979	\$ 472,293	\$ 484,536	\$ 462,218	\$ 529,087	\$ 504,876	\$ 466,805	\$ 549,827
Red Line	\$ 453,571	\$ 453,580	\$ 510,664	\$ 487,627	\$ 482,974	\$ 492,936	\$ 487,742	\$ 442,482	\$ 555,982	\$ 581,709	\$ 491,124	\$ 556,636
Green Line	\$ 231,918	\$ 218,637	\$ 248,224	\$ 225,004	\$ 276,665	\$ 258,297	\$ 262,563	\$ 241,807	\$ 291,569	\$ 269,647	\$ 249,736	\$ 279,447
Gold Line	\$ 278,537	\$ 237,594	\$ 279,935	\$ 247,135	\$ 247,474	\$ 247,000	\$ 271,885	\$ 257,900	\$ 299,833	\$ 245,423	\$ 255,054	\$ 278,165
Totals	\$ 1,469,265	\$ 1,368,146	\$ 1,554,128	\$ 1,452,628	\$ 1,459,092	\$ 1,470,526	\$ 1,506,727	\$ 1,404,407	\$ 1,676,471	\$ 1,601,654	\$ 1,462,719	\$ 1,664,075

Cost Per Mile December 2010

Cost per mile:	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Average
Blue Line	\$2.53	\$1.45	\$1.85	\$1.69	\$1.82	\$1.39	\$1.77	\$1.95	\$2.13	\$1.79	\$2.18	\$2.12	\$1.89
Red Line	\$1.13	\$1.48	\$1.19	\$1.64	\$1.36	\$1.51	\$1.48	\$1.21	\$1.67	\$1.96	\$1.30	\$1.33	\$1.44
Green Line	\$1.91	\$2.41	\$2.20	\$1.67	\$2.41	\$2.36	\$2.24	\$2.40	\$2.60	\$2.43	\$1.78	\$2.59	\$2.25
Gold Line	\$1.55	\$1.62	\$1.89	\$1.37	\$1.49	\$1.59	\$1.59	\$1.33	\$1.65	\$1.60	\$1.65	\$1.41	\$1.56



No facility costs are included

Absences vs. Overtime

December 2010

ABSENCE TYPE and HOURS	3940	3941	3942	3943	3944	Total
AWP-ABSENT W/O PERMISS		1				1
BER-BEREAVEMENT		24	32	24	24	104
CTO-COMPENSATORY TIME OFF		158	182	156	130	626
CVA - CASUAL VACATION			628		156	784
DSL-DISABILITY LEAVE/LONG		367				367
EFH-EMG. FLOAT HOL.		16	48	16	24	104
ETO-EXCUSED TIME OFF	4	23	16	4	27	73
FML-FAMILY CARE LEAVE	8	40	504	400	384	1,336
HLF-HOLIDAY FLOATING	8	200	360	136	64	768
HNP-HOLIDAY NOT PAID			8	8	8	24
HOL-HOLIDAY LEGAL	104	616	600	128	176	1,624
II-INDUSTRIAL INJURY		368		3		371
JUR-JURY DUTY		16	56	16		88
LC1-LABOR CODE 233		142	245	64	64	515
MLN-MILITARY ABSENCE-UN			16			16
RTO-REQUESTED TIME OFF-NO PAY		30		16		46
SCK-SICK PAY	16	64	332	72	72	556
SCW-SICK WITHOUT PAY		64	40	200		304
SUP-TEMPORARY SUPERVISOR		498	292	407	194	1,390
VAC-VACATION	168	970	696	320	360	2,514
Total Absence Hours	308	3,596	4,054	1,969	1,683	11,610
Number of Work Force (assigned)	21	106	103	44	48	322
Full Work Force hours/month	3,639	18,370	17,850	7,625	8,318	55,803
Absence as a % of Work Force	8%	20%	23%	26%	20%	21%
OVERTIME TYPE and HOURS	3940	3941	3942	3943	3944	Total
CTB-COMPENSATORY TIME TO BANK	12	190	89	24	83	398
OTP-PREM OVERTIME	245	751	1107	1094	555	3751
WLO-Worked Lunch Overtime	0	24	34	36	59	152
Total	257	964	1229	1154	696	4301
Overtime as a % of Work Force	7%	5%	7%	15%	8%	8%
UNCOVERED ABSENCES	3940	3941	3942	3943	3944	Total
Absences FTE	2	21	23	11	10	67
OTP FTE	1	6	7	7	4	25
FTE Difference	1	15	16	4	6	42

Rail Vehicle Engineering Project Summary

December 2010

Major Projects	
A650 Refurbishment Expo Readiness P865/P2000 Fleets P2000 Signal Package Conversion Protran Worker Protection Device P2000 Component Overhaul P2550 Vehicle Acceptance P3010 Vehicle Acquisition MBL Overhaul MBL Auxiliary Inverter Prototype	
Technical Specifications	
MBL, MGL, MRL, MGDL (all fleets):	Repair/Overhaul Gearbox P2000 Axle Assembly, P865/P2020 Axle Assembly P2000 HVAC Suttrak Units Overhaul Systra Contract for Expo Fleet MBL Midlife Overhaul MBL Articulation Bellow P2000 Doors P2000 Center Truck Brake Disc
Active Test Bulletins	
MBL (P865/P2020):	Inspection interval investigation (5K-7.5K) Door capacitor Raise Motor Alternator Trip Setting Replace GRS/TWC with H&K TWC Moisture Eliminator Gutter-Chopper Solid State Flashing Circuit Horn Journal Bearing
MRL (A650 Base):	Chevron springs DC-AC traction motor blower GE gear unit Blower Unit (L) Coupler Shield A21 Power Supply
MRL (A650 Option):	Pinion shaft Emergency door seal Gearbox Air spring Vandal shield Rubber boots (retest) Brushes Motor evaporator
MGDL (P2000):	176 Box Luminator's LED Destination Sign
MGL (P2000):	Door operator assembly 176 Box Electric Cabinet Cooling
Active Modification Bulletins	
MBL (P865/P2020):	Watch gap, Wheelchair, Security cameras Battery disconnect decals Gearbox long breather tube
MBL (P2000):	Add TWC route select feature No acceleration during ATP Overspeed
MRL (A650 Option/Base):	FCC high voltage decal Remove trip switch wiring Manual controller modification by American Transit Front door latch Replace end door threshold plate Dead battery start Buss bar isolation ATO overspeed brake rate
MGL (P2000):	Master controller with new cam profiles Removal of convex mirror head Spin/slide sanding modification Protran 1 Wayside Worker Protection
MGDL (P2000):	Battery disconnect decals
Active Technical Request Form	
MBL (P865/P2020):	Destination signs Journal bearing Air compressor motor Chopper intake Damper assembly Knorr washer Motor alternator set CB1 tripping problem 3-Way Valve
MRL (A650 Option/Base):	ATO berthing Flender gearbox Pinion shaft Coupler corrosion cover Gate drive power supply Location decal Rectifier Door latching relay Twist lug connector Thermistor & TLR circuit failures PA system & air whistle/horn faults Safety Cable Hand Assistance Strap Contact Adhesive Flooring H-4 Glass Blower motor impeller
MGL (P2000):	Door operator assemble repair vendor Air vent grille Exterior rear view mirror Sun shade gear latch Car 201 technical assistance EMI trip faults HVAC motor Sunshade Gear Latch
MGDL (P2000/P2550):	Truck tramming investigation Operator door assembly overhaul Diver cab window glass

P2550 Vehicle Acceptance Program

December 2010

Vehicle Status Update:

- 43 cars at Metro
- A total of 42 Cars Conditionally Accepted (CA)
- 7 Cars at Pittsburg Assembly Plant

Engineering Activities Update:

- Event recorder – AB have completed signal formatting with all vehicle systems per OEM requirement. OEM developing final software for systems integration. The work is ongoing.
- Traction Motor HV Junction Box – To date 8 cars have been outfitted with new style brackets.
- Brake Caliper Overhaul – The Project Team visited the Knorr facility located in Union City, Ca. Facility and work audit was performed with positive results. To date 4 revenue cars have been overhauled.
- Reliability Program – AB has reviewed and compiles work order data from April – October; preliminary results show that 9 out of the 12 subsystems are above the contractual specification for reliability. Propulsion, Train Controls, and lighting are still below specification criteria. The work is on-going.

Production Car Status – Pittsburg:

- Car 746 - 100% complete. Scheduled to ship to MGD on 01/20/11
- Car 747 - 99% complete. Final inspection has started.
- Car 748 - 90% complete. Assembly in process.
- Car 749 - 70% complete. Assembly in process.
- Cars 701& 702 - Re-configuration of car in progress, rewiring and repining of cables 100 % complete.

Project Management:

- Car 745 was conditionally accepted in December.
- Contract spares are in process and delivered to Metro. Estimated at 80% complete.
- Daily and weekly meetings with AB Project Management to solve revenue service issues.
- AB provided list of “missing” production parts for final assembly of remaining vehicles. The list is comprehensive and inclusive of order date with part ETA. Project Team has scheduled bi-weekly meetings for updates.

Fleet Revenue Service Summary:

- 3.0 million miles since March 2008 - - 230,675 miles in November
- 4 mainline incidents.



QA-Warranty Program Projects Summary

December 2010

ADMINISTRATION / ERS ACTIVITIES

- QA Oil Analysis Program - On going. Areas of concern: water in MGL gearboxes.
- P2550 Contract Programs - On track. QA overseeing acceptance, warranty and delivery.
- The ERS' continue close support to divisions and administrative staff.
- All QA reports and records archived in the QA-Warranty Share Drive.

RED LINE ACTIVITIES

- QA continues oversight lead on wheel failure testing and analysis with outside vendors.
- Oversight on T/M Mounts & Truck Frames, ABI weld repair projects continue and a new weld structure campaign to begin soon.
- Support engineering and RFS on Compressor Motors, T/M Bearings, Inverters, Ground brushes & Coupler Cables.
- Processed Warranty, R&R, cost avoidance savings for labor & parts

BLUE LINE ACTIVITIES

- Support engineering in testing and training division staff on EXPO Line TWC modification and braking issues
- Oversee equipment overhaul campaigns (Door Systems, Car Body, Lighting Systems, & Car interior Projects).
- Provide Technical assistance on Procedures, Bulletins, and conduct FAI & parts inspections.

GREEN LINE ACTIVITIES

- Support Engineering with open issues (Circuit Relay, car ventilating, slew rings, inverters, T/Ms).
- Continue close support with vendors & Contractors (Doors, Traction Motors, and Gearbox & Brake Systems).
- Prepared Technical Reports & Power-Point-Presentations and conduct FAI & parts inspections.
- Processed Warranty, R&R, cost avoidance savings for labor & parts

GOLD LINE ACTIVITIES

- Oversee P2550 project acceptance and warranty program.
- Travel to Pittsburgh, California to monitor car build and help resolve open issues.
- Maintain project documentation, contract deliverables & maintenance records.
- Support ABI & RFSTS Engineering with Car Acceptance test issues.
- Processed Warranty, R&R, cost avoidance savings for labor & parts

Rail Fleet Services Instruction

December 2010

Training classes completed during the month of December 2010

Description	Status	Start	End	Course Hours	Student Count	Training Hours
Blue Line Training - (865/2020 & P2000 LRV):						
CPR/AED/FIRST AID	Complete	12/14/2010	12/16/2010	6	13	78
MOP LEGAL DEVELOPMENT AND ETHICS	Complete	12/8/2010	12/8/2010	3	2	6
RFS SIEMENS 2000 CARBODY	Complete	12/6/2010	12/8/2010	8	7	56
RFS SIEMENS 2000 COUPLER	Complete	12/9/2010	12/10/2010	8	7	56
RFS SIEMENS 2000 LIGHTS & DEST. SIGNS	Complete	12/11/2010	12/13/2010	8	7	56
RFS SIEMENS 2000 DOOR CONTROLS	Complete	12/14/2010	12/30/2010	40	7	280
ETD EFFECTIVE TIME MANAGEMENT	Complete	12/9/2010	12/9/2010	3	3	9
Scaffold Safety (Video)	Complete	12/9/2010	12/9/2010	2	1	2

Total Blue Line Training (Hours): 543

Red Line Training (Breda A650 HRV):

RAIL SYSTEM SAFETY	Complete	12/29/2010	12/29/2010	3	2	6
BASIC BUSINESS GRAMMAR	Complete	12/2/2010	12/2/2010	3	1	3

Total Red Line Training (Hours): 9

Green Line Training (P2000 LRVs):

RFS SIEMENS 2000 CARBODY	Complete	12/6/2010	12/8/2010	8	1	8
RFS SIEMENS 2000 COUPLER	Complete	12/9/2010	12/10/2010	8	1	8
RFS SIEMENS 2000 LIGHTS & DEST. SIGNS	Complete	12/11/2010	12/13/2010	8	1	8
RFS SIEMENS 2000 DOOR CONTROLS	Complete	12/14/2010	12/30/2010	40	1	40
MOP PROCUREMENT FOR PROJECT MANAGERS I	Complete	12/7/2010	12/7/2010	4	1	4
MOP PROCUREMENT FOR PROJECT MANAGERS II	Complete	12/9/2010	12/9/2010	4	1	4

Total Green Line Training (Hours): 72

Gold Line Training (P2550 LRVs):

MOP LEGAL DEVELOPMENT AND ETHICS	Complete	12/8/2010	12/8/2010	3	1	3
FIRST TIME SUPERVISION	Complete	12/7/2010	12/8/2010	10	1	10

Total Gold Line Training (Hours): 3

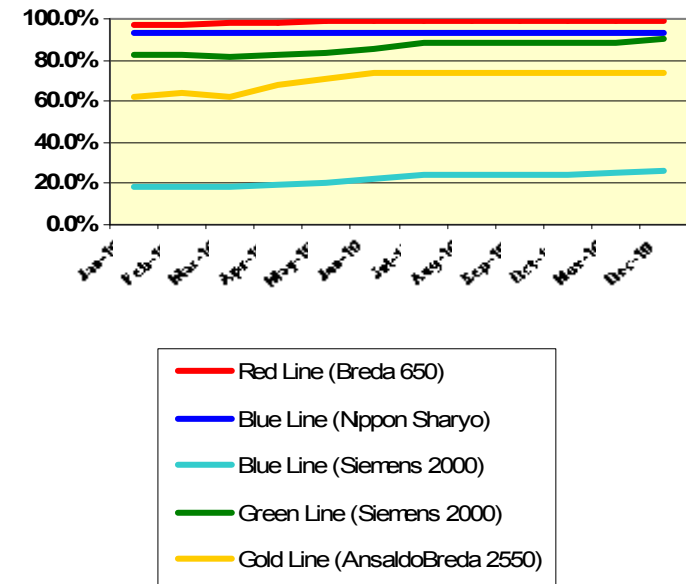
Total Rail Fleet Services Instruction for the month of December 2010 (Hours): 627.0

Core Vehicle Training Completed:

	BLUE	RED	GREEN	GOLD
Percentage of core vehicle training complete:	92.9%	99.5%	88.9%	73.4%
Siemens 2000 training complete:	26.6%	N/A	N/A	N/A

Average Specialist Rail Experience Level in Years: 11.3 11.1 8.2 9.3

Core Training Completed



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