



# **Rail Fleet Services Monthly Report January 2010**



**Metro**

# Table of Contents

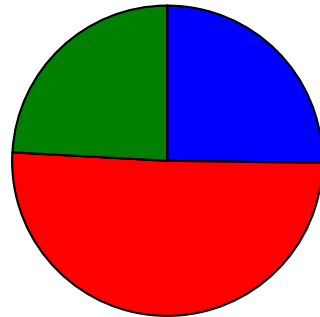
• Safety	
– Industrial Injuries	Page 1
– Rail Vehicle Accidents & Major Incidents	Page 2
– Rail Vehicle Accident Pictures	Page 3
• Customer Service	
– Service Delivery – AM/PM Pull-Outs	Page 4
– Vehicle Utilization – Blue Line & Green Line	Page 5
– Vehicle Utilization – Red Line & Gold Line	Page 6
– Mean Miles Between Failures (Major)	Page 7
– Repeaters (Major)	Page 8
• Business Processes	
– Incident Problems	Page 9
– Preventative Maintenance Compliance	Page 10
• Finance	
– Vandalism & Graffiti Costs	Page 11
– Graffiti Pictures	Page 12
– Material & Labor Costs	Page 13
– Cost per mile	Page 14
– Absence vs. Overtime	Page 15
• Growth	
– Rail Fleet Service Training	Page 16

# Industrial Injuries – Lost Work Hours

## January 2010

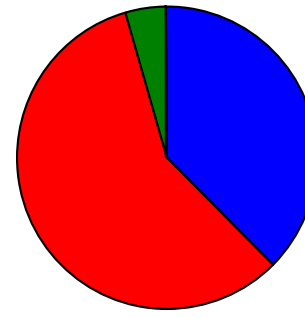
	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Year to Date
Blue Line	488	280	176	160	208	144	48	112	352	288	200	176	2,632
Red Line	264	312	296	344	352	328	456	328	344	356	352	352	4,084
Green Line	0	0	0	0	0	0	0	0	0	8	136	168	312
Gold Line	0	0	0	0	0	0	0	0	0	0	8	0	8
Totals	752	592	472	504	560	472	504	440	696	652	696	696	7,036

January 2010 - Lost Work Hours



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

Year-to-Date Lost Work Hours



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

	Employees		January 2010 Lost Work Hours			
	Assigned	Active	Service Attendant	Maint. Specialist	Body Repairer /Painter	January 2010 Total Hrs.
Blue Line	108	103	0	0	176	176
Red Line	108	105	352	0	0	352
Green Line	48	48	168	0	0	168
Gold Line	49	48	0	0	0	0
Totals	313	304	520	0	176	696
Total Lost Work Hours for 12-months = 7,036 hours						

# Rail Vehicle Accidents & Major Incidents

## January 2010

Repair Costs	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Totals
Blue Line	\$3,716	\$9,500	\$111	\$1,480	\$189	\$9,262	\$0	\$2,122	\$0	\$38,396	\$656	\$39,034	\$104,466
Red Line	\$0	\$0	\$0	\$104,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$104,950
Green Line	\$0	\$0	\$0	\$0	\$2,481	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,481
Gold Line	\$0	\$1,231	\$3,235	\$0	\$189	\$0	\$0	\$14,310	\$0	\$3,538	\$0	\$17,028	\$39,531
Totals	\$3,716	\$10,731	\$3,346	\$106,430	\$2,859	\$9,262	\$0	\$16,432	\$0	\$41,934	\$656	\$56,062	\$251,428

Rail Vehicle Accident Costs - January 2010				
Metro Blue Main Line				
2010	Incident #	Problem code	Incident Description	Cost
Jan. 11	1435325	(10-73) Train vs. Auto	T-25, Train 11 Cars (132A) 112-113, Track 2 on Washington at Olive. Truck made left into at Olive	\$282.00
Jan. 12	1437086	(10-73) Train vs. Auto	Train 3, T-293, Cars 149-142-168, Long Beach & 8th Street, hit and run side swipe.	\$282.00
Jan. 21	1451928	(10-71) Train vs. Object	Collector head struck palm frond.	\$1,598.00
Jan. 22	1453785	(10-72) Train vs. Pedestrian	Train 11 T-212 Cars (160b)-135-133 S/B at Wilmington grade crossing, male bicyclist made contact with the left side of the train.	\$224.00
Jan. 22	1454085	(10-71) Train vs. Object	T-67 Train 9 LRV (129A) 124 150 Train vs metal street sign post. Metal post punctured through floorboard, caused train to lose air, no movement at Florence Interlocking, Track 1, NB	\$26,264.00
Jan. 23	149738	(10-75) Derailment	Car 119A - Derailment at North Loop	\$8,179.00
Jan. 26	149792	(10-74) Train vs. MTA Vehicle	Car 108B. Attempting to couple 108 to 168, 108 damaged	\$2,205.00
TOTAL FOR METRO BLUE LINE				\$39,034.00
Metro Gold Line				
Jan. 4	1425919	(10-73) Train vs. Auto	(722)-715, T-098, Downey Dip Track 2. Vehicle attempted to make a U turn in front of oncoming train.	\$15,067.00
Jan. 16	1444314	(10-73) Train vs. Auto	T-17. Train 3. Cars (714A) 719. Track 1, 3rd St. and Rowan. Car hits right front side of train.	\$572.00
Jan. 18	1446409	(10-72) Train vs. Pedestrian	Person on platform steps into side of moving train.	\$0.00
Jan. 29	1464145	(10-73) Train vs. Auto	T-94, Glenarm Crossing, Track 1, Car (712A)-710. Train vs.	\$1,389.00
TOTAL FOR METRO GOLD LINE				\$17,028.00
GRAND TOTAL COST				\$56,062.00
No accidents for , Red Line, and Green Line				
(10-71) = Train vs. Object, (10-72) = Train vs. Pedestrian, (10-73) = Train vs. Vehicle (10-74) = Train vs. MTA Vehicle, (10-75) = Derailment				

# Rail Vehicle Accidents & Major Incidents

## January 2010



Train vs. Object- 01/26/2010 – Metro Blue Line



Tree Fell on OCS - 01/22/2010 – Metro Gold Line



Train vs. Auto - 01/04/2010 – Metro Gold Line



# Service Delivery – AM/PM Pull-Outs

## January 2010

### Cars Available for AM/PM Pull-Outs

#### Blue Line – Fleet Size 69 cars

- Weekday pull-out: 60 cars
- Weekend pull-out: 36 cars
- **Monthly Mileage: 411,227 miles**

#### Red Line – Fleet Size 104 cars

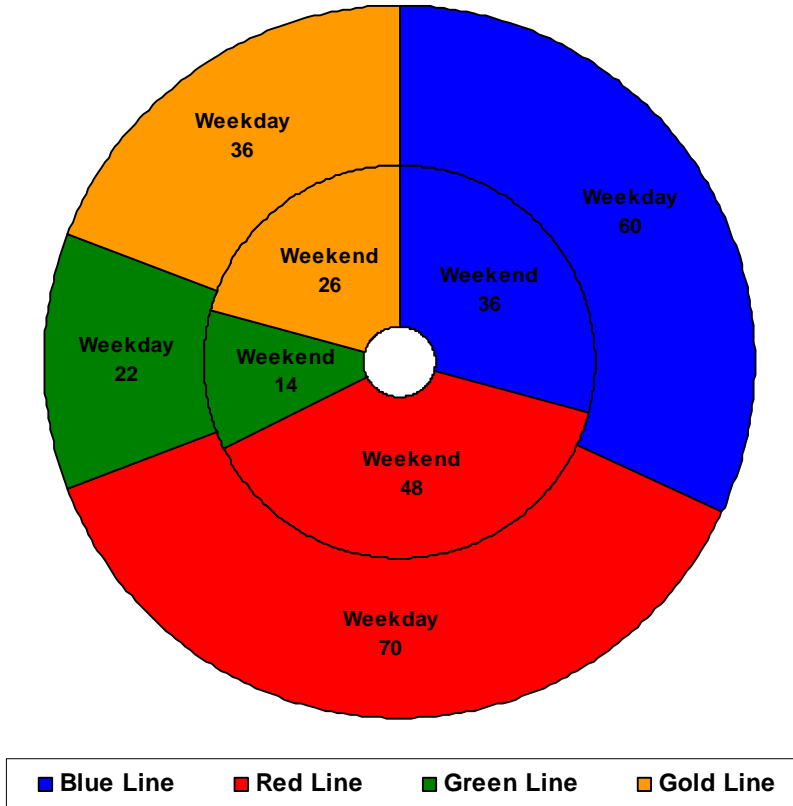
- Weekday pull-out: 70 cars
- Weekend pull-out: 48 cars
- **Monthly Mileage: 542,862 miles**

#### Green Line – Fleet Size 28 cars

- Weekday pull-out: 22 cars
- Weekend pull-out: 14 cars
- **Monthly Mileage: 217,942 miles**

#### Gold Line – Fleet Size 49 cars

- Weekday pull-out: 36 cars
- Weekend pull-out: 26 cars
- **Monthly Mileage: 247,538 miles**



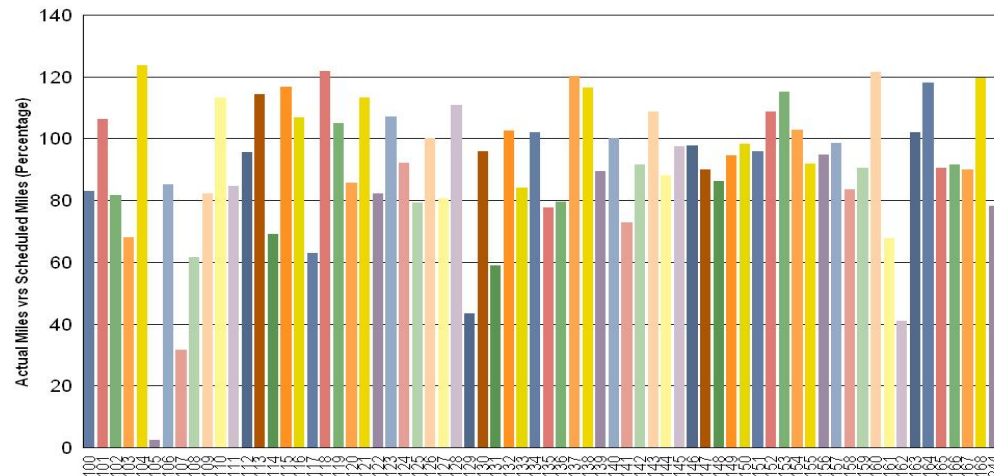
# Vehicle Utilization

## January 2010

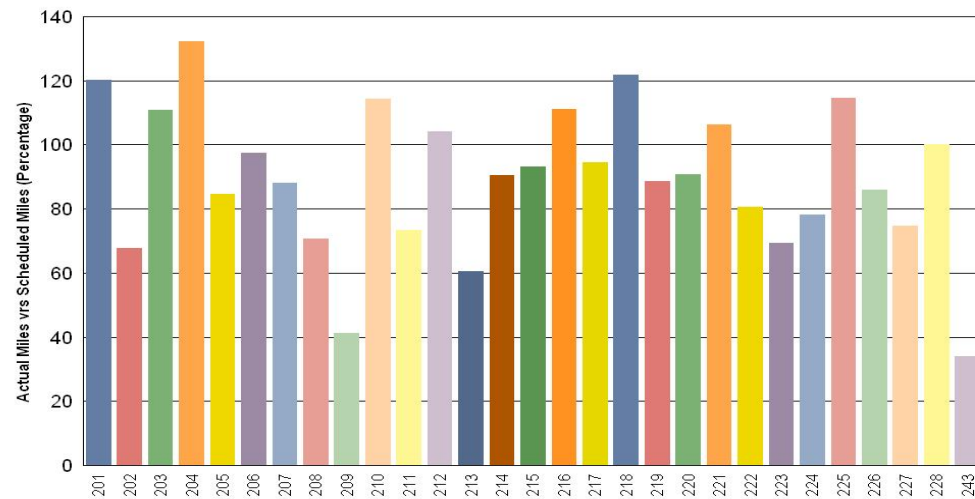
Blue Line - Car 105 was in the Body Shop for roof repair on December 28th and did not go back into service until the last week of January.

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

**Metro Blue Line**



**Metro Green Line**



Green Line – Car 243 was the accident car that came back from Siemens.

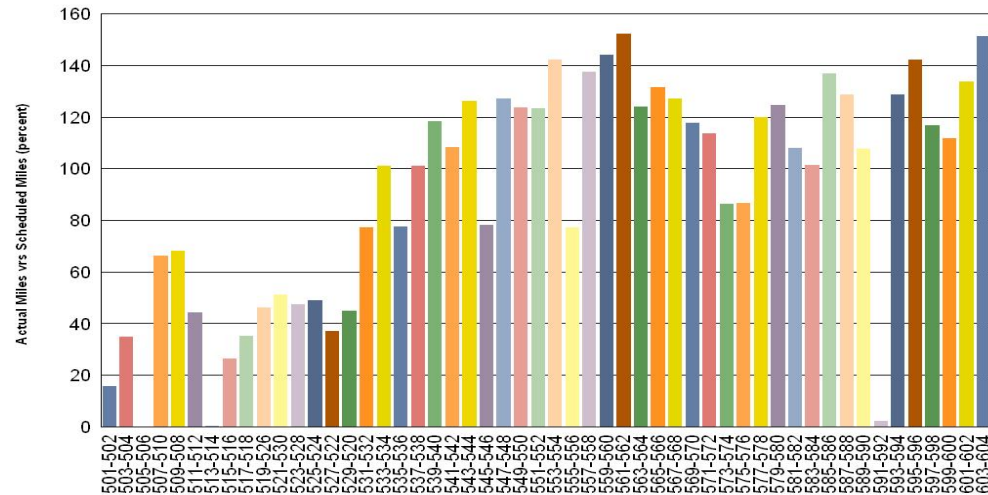
# Vehicle Utilization January 2010

**Red Line - The original 30 Base Buy cars are not being used to their fullest potential due to propulsion problems. Cars 591-592 are still in the shop for truck vibrations problems.**

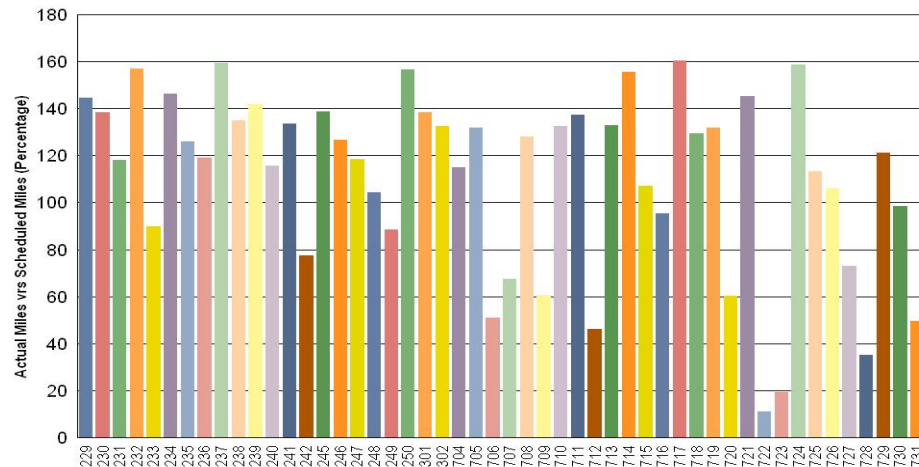
***Percentage includes an average 4% mileage deduction for Yard mileage and Vehicle Testing.***

**Gold Line - Car #722 was involved in a 10-73 accident (train vs. auto) on 01-04-10 at the Eastside Extension. Car #723 had a communications train line problems & ATP/LON problems.**

**Metro Red Line**



**Metro Gold Line**





# Mean Miles Between Failures (Major) January 2010

## Miles Between Major Failures

**Blue Line:** 22,846 miles ( 18 Major Failures)

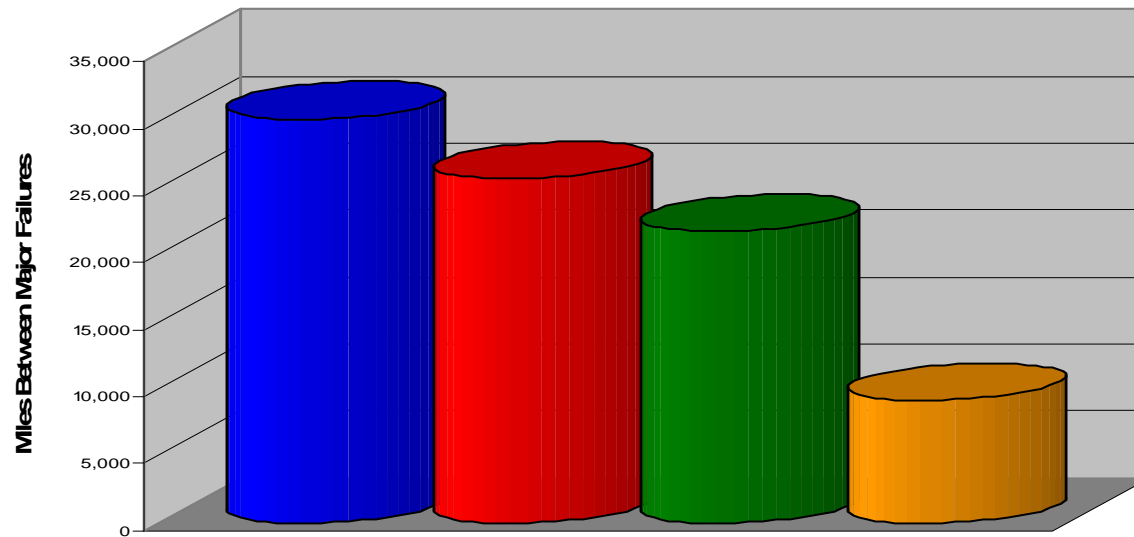
**Red Line:** 33,929 miles (16 Major Failures)

**Green Line:** 21,794 miles (10 Major Failures)

**Gold Line:** 9,168 miles (27 Major Failures)

Siemens P2000 7,233 miles (17 Major Failures)

AnsaldoBreda P2550 12,458 miles (10 Major Failures)



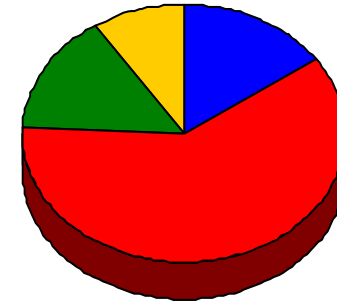
■ Blue Line ■ Red Line ■ Green Line ■ Gold Line

**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

## January 2010

**Metro Blue Line:** 5 Repeat Failures  
**Metro Red Line:** 20 Repeat Failures  
**Metro Green Line:** 5 Repeat Failures  
**Metro Gold Line:** 3 Repeat Failures



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

Repeater Car Details - January 2010

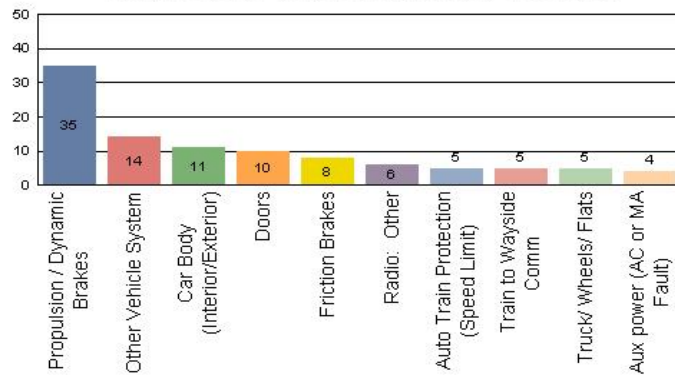
System	Blue Line		Red Line		Green Line		Gold Line	
	Car #	Repeats	Car #	Repeats	Car #	Repeats	Car #	Repeats
ATP			529	2			713	1
			535	1				
			536	1				
			539	1				
			573	3				
Doors	118	1					716	1
Friction Brakes			524	1				
Service Brake Failure			534	8				
PA/Intercom			523	2				
Propulsion/Dynamic Brake	101	3	501	1	205	2	236	1
	161	1			219	3		
TOTALS	5		20		5		3	

*Repeat Failure: When a train car has two or more major repeat problems/failures.*

# Reported Incidents January 2010

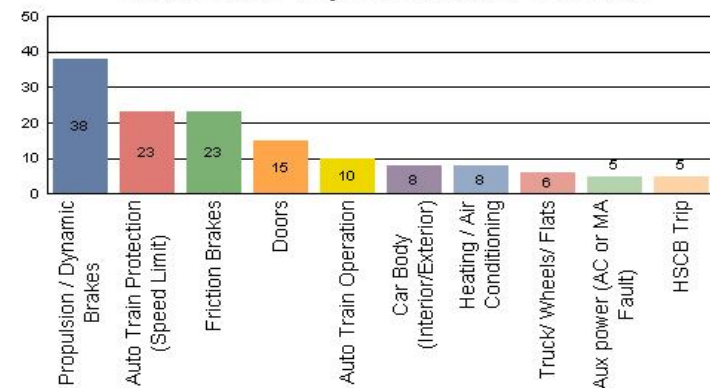
## Metro Blue Line

Count of the Top 10 Incident Problems



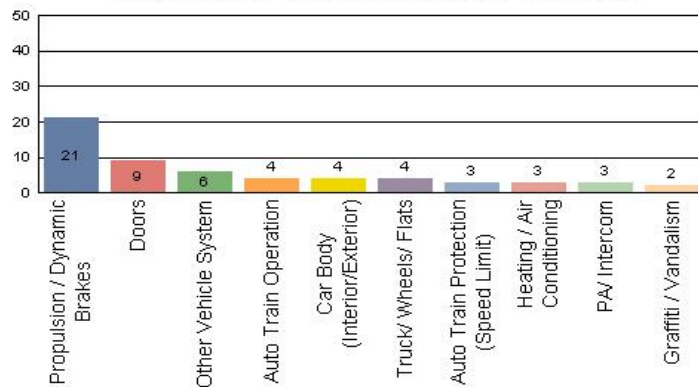
## Metro Red Line

Count of the Top 10 Incident Problems



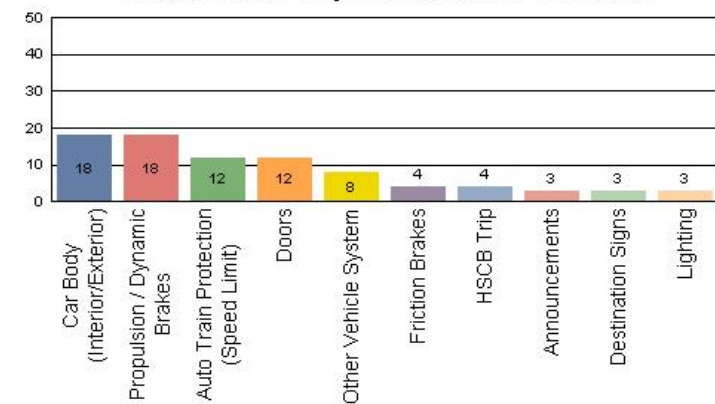
## Metro Green Line

Count of the Top 10 Incident Problems



## Metro Gold Line

Count of the Top 10 Incident Problems



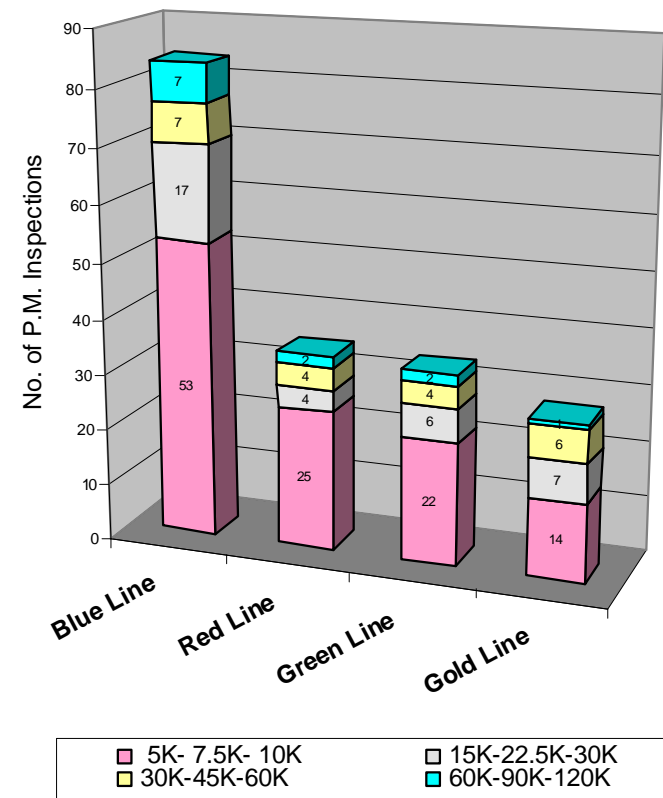
# Preventative Maintenance Compliance

## January 2009

Averages	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10
Blue Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Red Line	100%	100%	100%	100%	100%	100%	94%	100%	100%	100%	100%	100%	100%
Green Line	100%	93%	97%	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%

### January 2010 Preventative Maintenance Inspections

No. of P.M. Inspections	5K-7.5K-10K	15K-22.5K-30K	30K-45K-60K	60K-90K-120K	Totals	Percent Compliance
Blue Line	53	17	7	7	84	100%
Red Line	25	4	4	2	35	100%
Green Line	22	6	4	2	34	100%
Gold Line	14	7	6	1	28	100%
Totals:	114	34	21	12	181	100%

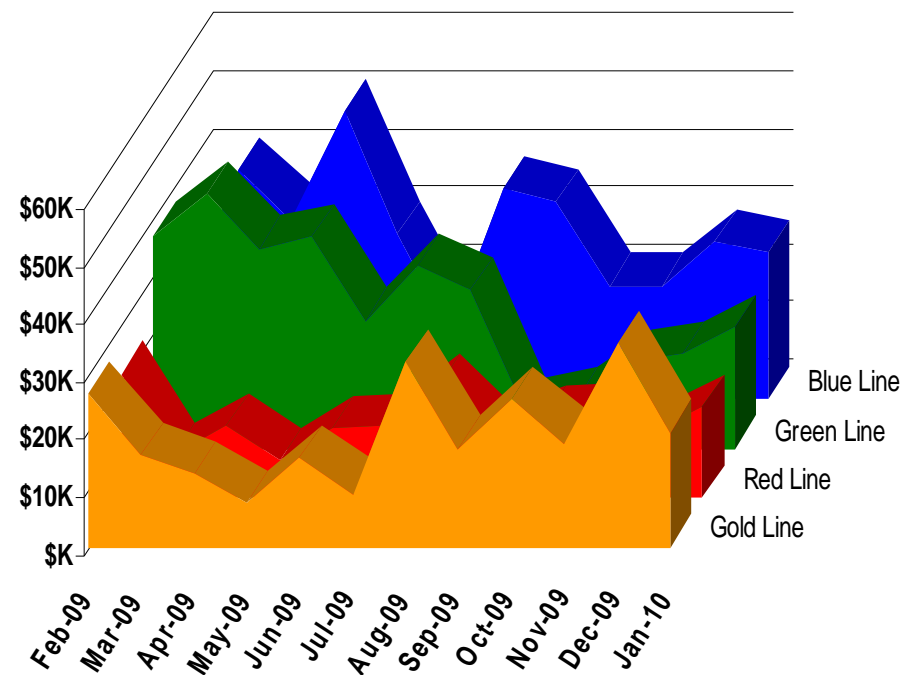


# Vandalism & Graffiti Report

## January 2010

	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Year-to-Date
Blue Line	\$17,708	\$39,975	\$31,349	\$50,062	\$28,914	\$11,909	\$36,475	\$34,318	\$19,686	\$19,757	\$27,409	\$25,519	\$343,081
Green Line	\$37,117	\$44,211	\$34,775	\$36,921	\$22,307	\$31,788	\$27,501	\$6,774	\$8,355	\$14,915	\$16,393	\$20,985	\$302,042
Red Line	\$21,465	\$7,529	\$12,499	\$6,513	\$12,013	\$12,562	\$19,237	\$10,375	\$13,684	\$14,334	\$11,227	\$15,838	\$157,276
Gold Line	\$26,625	\$15,808	\$12,707	\$7,651	\$15,543	\$9,213	\$32,051	\$17,062	\$25,750	\$17,992	\$35,479	\$19,892	\$235,773
Totals	\$102,915	\$107,523	\$91,330	\$101,147	\$78,777	\$65,472	\$115,264	\$68,529	\$67,475	\$66,998	\$90,508	\$82,234	\$1,038,172

January 2010 Vandalism & Graffiti - All Rail				
	Qty	Labor	Materials	Totals
Windows replaced	31	\$3,087	\$3,202	\$ 6,289
Vandal Shields	639	\$15,246	\$7,871	\$23,117
Seats Cleaned	4,525	\$10,734	\$0	\$10,734
Seats Replaced	102	\$3,213	\$4,234	\$ 7,447
Ext/Int Repairs	1,162	\$26,703	\$3,712	\$30,414
Totals for January 2010		\$62,448	\$19,786	\$82,234



# Vandalism & Graffiti Pictures

## January 2010

A



B



A and B - Metro Blue Line

C



D



C - Metro Green Line

D - Metro Gold Line

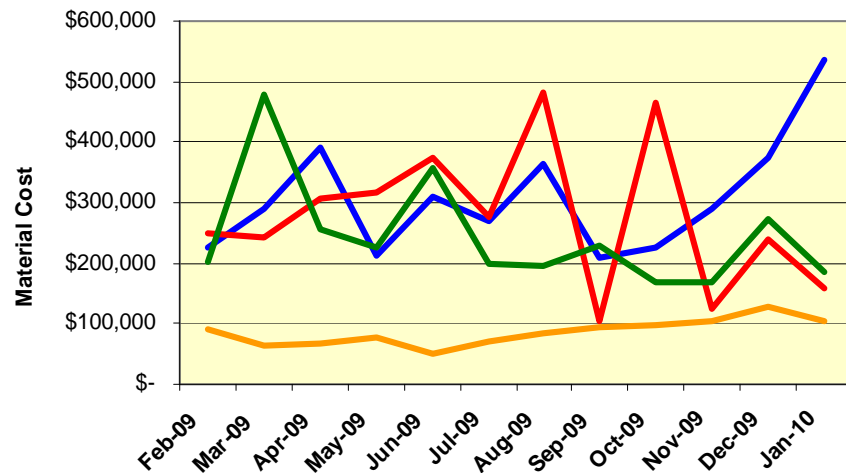


# Material and Labor Costs

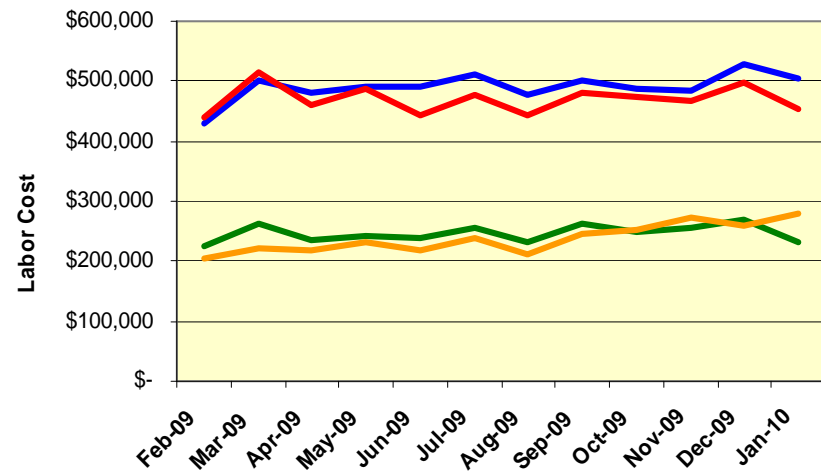
## January 2010

MATERIALS	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Totals
Blue Line	\$ 227,461	\$ 288,898	\$ 389,547	\$ 211,403	\$ 310,619	\$ 268,164	\$ 363,633	\$ 207,364	\$ 225,796	\$ 290,113	\$ 375,541	\$ 535,717	\$ 3,694,256
Red Line	\$ 248,939	\$ 244,239	\$ 306,268	\$ 318,142	\$ 375,408	\$ 275,321	\$ 483,111	\$ 103,550	\$ 466,761	\$ 123,484	\$ 238,738	\$ 157,351	\$ 3,341,313
Green Line	\$ 202,239	\$ 479,278	\$ 256,941	\$ 226,470	\$ 356,213	\$ 199,680	\$ 194,727	\$ 229,080	\$ 169,738	\$ 168,715	\$ 272,871	\$ 184,149	\$ 2,940,101
Gold Line	\$ 92,297	\$ 64,741	\$ 65,968	\$ 78,339	\$ 49,593	\$ 70,787	\$ 84,679	\$ 93,780	\$ 96,151	\$ 106,126	\$ 128,297	\$ 105,109	\$ 1,035,867
Totals	\$ 770,934	\$ 1,077,156	\$ 1,018,725	\$ 834,354	\$ 1,091,833	\$ 813,952	\$ 1,126,150	\$ 633,774	\$ 958,446	\$ 688,438	\$ 1,015,447	\$ 982,326	\$ 9,013,764

Material Costs



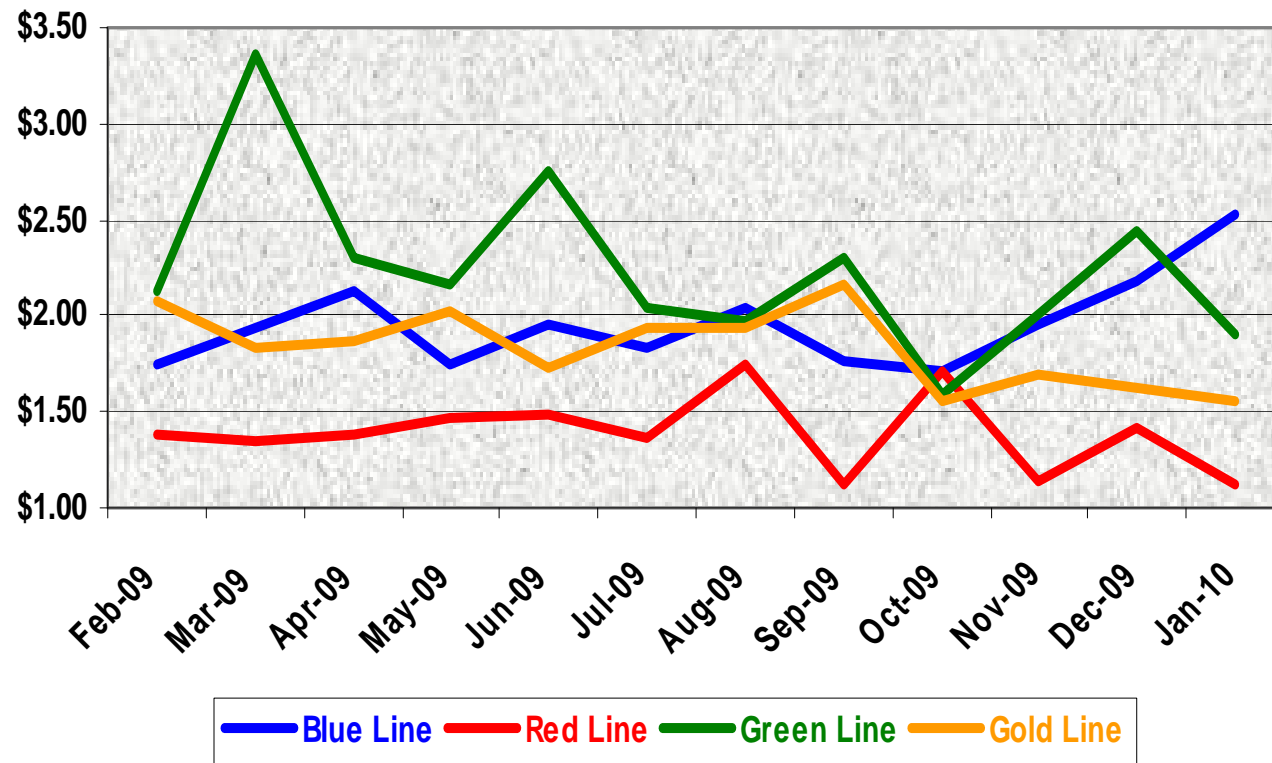
Labor Costs



LABOR	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10
Blue Line	\$ 428,505	\$ 500,535	\$ 479,767	\$ 490,441	\$ 491,565	\$ 510,385	\$ 475,663	\$ 501,060	\$ 487,020	\$ 483,394	\$ 527,760	\$ 505,239
Red Line	\$ 439,649	\$ 515,551	\$ 458,819	\$ 488,099	\$ 443,065	\$ 478,135	\$ 444,523	\$ 481,469	\$ 474,751	\$ 468,331	\$ 498,786	\$ 453,571
Green Line	\$ 224,955	\$ 261,029	\$ 235,592	\$ 241,007	\$ 238,192	\$ 257,021	\$ 231,555	\$ 263,718	\$ 248,915	\$ 256,078	\$ 269,668	\$ 231,918
Gold Line	\$ 204,503	\$ 221,065	\$ 218,135	\$ 232,039	\$ 216,686	\$ 237,530	\$ 212,794	\$ 246,807	\$ 251,309	\$ 271,694	\$ 259,793	\$ 278,537
Totals	\$ 1,297,612	\$ 1,498,180	\$ 1,392,313	\$ 1,451,586	\$ 1,389,509	\$ 1,483,071	\$ 1,364,535	\$ 1,493,054	\$ 1,461,995	\$ 1,479,498	\$ 1,556,008	\$ 1,469,265

# Cost Per Mile January 2010

Cost per mile:	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Average
Blue Line	\$1.75	\$1.94	\$2.12	\$1.74	\$1.95	\$1.83	\$2.04	\$1.76	\$1.71	\$1.96	\$2.18	\$2.53	\$1.96
Red Line	\$1.39	\$1.35	\$1.38	\$1.46	\$1.49	\$1.37	\$1.75	\$1.12	\$1.71	\$1.15	\$1.42	\$1.13	\$1.39
Green Line	\$2.12	\$3.36	\$2.31	\$2.16	\$2.75	\$2.05	\$1.97	\$2.29	\$1.59	\$2.01	\$2.43	\$1.91	\$2.25
Gold Line	\$2.08	\$1.83	\$1.86	\$2.02	\$1.73	\$1.94	\$1.94	\$2.17	\$1.55	\$1.69	\$1.62	\$1.55	\$1.83



No facility costs are included

# Absences vs. Overtime

## January 2010

ABSENCE TYPE and HOURS	3940	3941	3942	3943	3944	Total
AWP-ABSENT W/O PERMISSION	0.00	9.00	0.00	32.00	0.00	41.00
BER-BEREAVEMENT	0.00	24.00	40.00	0.00	0.00	64.00
CTO-COMPENSATORY TIME OFF	0.00	278.00	156.00	84.00	80.00	598.00
CVA - CASUAL VACATION	0.00	0.00	384.00	16.00	48.00	448.00
DRN-DR. APPOINTMENT 48 HR NOT	0.00	1.81	0.00	0.00	0.00	1.81
DSL-DISABILITY LEAVE/LONG	0.00	184.00	72.50	0.00	312.00	568.50
EFH-EMG. FLOAT HOL.	0.00	0.00	32.00	24.00	24.00	80.00
ETO-EXCUSED TIME OFF	0.00	24.50	14.00	1.00	4.50	44.00
FML-FAMILY CARE LEAVE	0.00	274.67	618.00	44.98	8.00	945.65
HLF-HOLIDAY FLOATING	16.00	312.00	168.00	124.00	48.00	668.00
HNP-HOLIDAY NOT PAID	0.00	8.00	32.00	16.00	0.00	56.00
HOL-HOLIDAY LEGAL	16.00	400.00	400.00	112.00	56.00	984.00
II-INDUSTRIAL INJURY	0.00	176.00	0.00	168.00	0.00	344.00
JUR-JURY DUTY	0.00	0.00	0.00	8.00	8.00	16.00
LC1-LABOR CODE 233	8.00	435.50	344.63	179.02	160.00	1,127.15
LTI-OCCPIL/LONGTRM INJ LEAVE	0.00	0.00	352.00	0.00	0.00	352.00
MLN-MILITARY ABSENCE-UNPAID	0.00	0.00	8.00	0.00	0.00	8.00
OWP-OFF WITH PERMISSION	0.00	1.00	32.00	2.50	0.00	35.50
RTO-REQUESTED TIME OFF-NO PAY	0.00	56.00	8.00	1.08	0.00	65.08
SCK-SICK PAY	16.00	128.00	277.50	185.45	56.00	662.95
SCW-SICK WITHOUT PAY	0.00	88.00	72.00	68.55	0.00	228.55
SUP-TEMPORARY SUPERVISOR	0.00	332.50	221.00	246.50	333.00	1,133.00
VAC-VACATION	12.00	450.00	76.00	268.00	341.50	1,147.50
<b>Total Absence Hours</b>	<b>68.00</b>	<b>3,182.98</b>	<b>3,307.63</b>	<b>1,581.08</b>	<b>1,479.00</b>	<b>9,618.69</b>
Number of Work Force	22.00	108.00	108.00	48.00	49.00	335.00
Full Work Force hours/month	3,812.60	18,716.40	18,716.40	8,318.40	8,491.70	58,055.50
<b>Absence as a % of Work Force</b>	<b>2%</b>	<b>17%</b>	<b>18%</b>	<b>19%</b>	<b>17%</b>	<b>17%</b>
OVERTIME TYPE and HOURS	3940	3941	3942	3943	3944	Total
CTB-COMPENSATORY TIME TO BANK	14.00	147.35	45.66	4.00	39.50	250.51
OTP-PREM OVERTIME	134.00	515.59	580.18	577.91	1,108.75	2,916.43
WLO-Worked Lunch Overtime	0.00	30.00	87.50	37.00	40.50	195.00
<b>Total</b>	<b>148.00</b>	<b>692.94</b>	<b>713.34</b>	<b>618.91</b>	<b>1,188.75</b>	<b>3,361.94</b>
<b>Overtime as a % of Work Force</b>	<b>4%</b>	<b>4%</b>	<b>4%</b>	<b>7%</b>	<b>14%</b>	<b>6%</b>
UNCOVERED ABSENCES	3940	3941	3942	3943	3944	Total
Absences FTE	0.39	18.36	19.08	9.12	8.53	55.49
OTP FTE	0.85	4.00	4.12	3.57	6.86	19.40
<b>FTE Difference</b>	<b>-0.46</b>	<b>14.37</b>	<b>14.97</b>	<b>5.55</b>	<b>1.67</b>	<b>36.10</b>



**Metro**

1 FTE = 2080 Hours/Year or 173.3 Hours Per Month

# Rail Fleet Services Instruction

## January 2010

### Training classes completed during the month of January 2010

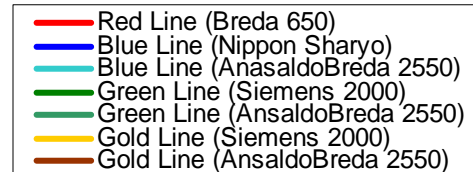
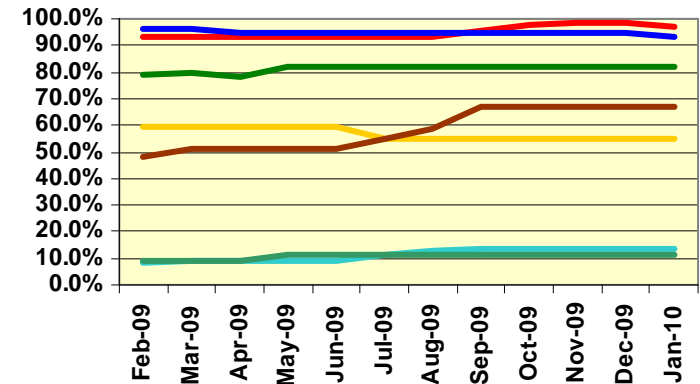
Description	Status	Start	End	Course Hours	Student Count	Training Hours
<b><u>Blue Line Training - LRV:</u></b>						
BLOODBORNE PATHOGENS	Complete	1/6/2010	1/28/2010	2	8	16
Back Safety (Video)	Complete	1/5/2010	1/14/2010	2	2	4
ETD STRESS MANAGEMENT	Complete	1/27/2010	1/27/2010	3	4	12
RAIL SYSTEM SAFETY	Complete	1/5/2010	1/12/2010	3	2	6
Confined Space Entry (Video)	Complete	1/14/2010	1/14/2010	2	1	2
Electrical Safety (Video)	Complete	1/29/2010	1/29/2010	2	1	2
<b>Total Blue Line Training (Hours):</b>						<b>42</b>
<b><u>Red Line Training (Breda A650 HRV):</u></b>						
RFS SIMMONS WHEEL TRUE	Complete	1/6/2010	1/8/2010	24	4	96
RFS BRED A 650 COUPLER	Complete	1/20/2010	1/20/2010	8	1	8
RFS BRED A 650 HVAC	Complete	1/11/2010	1/15/2010	40	1	40
ETD PC 101 ESSENTIAL CONCEPTS	Complete	1/28/2010	1/28/2010	3	1	3
WORD 2003 - BEGINNER	Complete	1/27/2010	1/27/2010	6	1	6
MICROSOFT WINDOWS XP - BEGINNER	Complete	1/19/2010	1/19/2010	3	1	3
<b>Total Red Line Training (Hours):</b>						<b>156</b>
<b><u>Green Line Training (P2550 &amp; P2000 LRVs):</u></b>						
RFS 2-WEEK RAIL INTRODUCTION	Complete	1/11/2010	1/22/2010	80	2	160
WORD 2003 - BEGINNER	Complete	1/27/2010	1/27/2010	6	1	6
ETD STRESS MANAGEMENT	Complete	1/27/2010	1/27/2010	3	2	6
ETD EFFECTIVE TIME MANAGEMENT	Complete	1/21/2010	1/21/2010	3	1	3
ETD DEVELOPING YOUR FULL POTENTIAL	Complete	1/20/2010	1/20/2010	3	1	3
RFS SIMMONS WHEEL TRUE REFRESHER	Complete	1/26/2010	1/27/2010	24	3	72
NEO - NEW EMPLOYEE ORIENTATION	Complete	1/25/2010	1/25/2010	4	1	4
<b>Total Green Line Training (Hours):</b>						<b>254</b>
<b><u>Gold Line Training (P2550 &amp; P2000 LRVs):</u></b>						
BLOODBORNE PATHOGENS	Complete	1/13/2010	1/13/2010	2	2	4
ADULT CPR/AED	Complete	1/11/2010	1/11/2010	5	1	5
FIS 111 NAVIGATION	Complete	1/21/2010	1/21/2010	3	1	3
<b>Total Gold Line Training (Hours):</b>						<b>4</b>

**Total Rail Fleet Services Instruction for the month of January 2010 (Hours):** 456.0

#### Core Vehicle Training Completed:

	BLUE	RED	GREEN	GOLD
Percentage of core vehicle training complete:	92.9%	97.2%	82.2%	55.1%
AnsaldoBreda 2550 Training Completed:	13.8%	N/A	11.1%	61.7%
Average Specialist Rail Experience Level in Years:	10.3	10.2	7.2	8.5

### Core Training Completed



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