

JAN 2004

METRO OPERATIONS  
MONTHLY PERFORMANCE  
REPORT



Metro

## Table of Contents

	Page
<b>San Fernando Valley Sector (SFV)</b>	<b>3</b>
<b>San Gabriel Valley Sector (SGV)</b>	<b>6</b>
<b>Gateway Cities Sector (GC)</b>	<b>9</b>
<b>South Bay Sector (SB)</b>	<b>12</b>
<b>Westside/Central Sector (WC)</b>	<b>15</b>
<b>Rail Performance</b>	<b>18</b>
On-time Service	
In-Service On-Time Performance	
Schedule Revenue Service Hours Delivered	
Mean Miles Between Chargeable Mechanical Failures	
<b>Bus Service Performance Systemwide</b>	<b>23</b>
On-Time Pullout Percentage	
Outlates and Cancellations by Division	
In-Service On-Time Performance	
Scheduled Revenue Service Hours Delivered	
<b>Maintenance Performance</b>	<b>26</b>
Mean Miles Between Chargeable Mechanical Failures	
Past Due Critical Preventive Maintenance Program	
Bus Cleanliness	
<b>Attendance</b>	<b>29</b>
Maintenance Attendance	
<b>Safety Performance</b>	<b>30</b>
Bus Accidents per 100,000 Hub Miles	
Rail Accidents per 100,000 Revenue Train Miles	
<b>Customer Satisfaction</b>	<b>32</b>
Complaints per 100,000 Boardings	
<b>New Workers' Compensation Claims</b>	<b>34</b>
New Workers' Compensation Claims per 100 Employees	
<b>"How You Doin'?" Incentive Program</b>	<b>35</b>
Monthly Metro Bus & Metro Rail	

## San Fernando Valley Sector Scorecard Overview (SFV)

This sector has two MTA operating divisions, Division 8 in Chatsworth and Division 15 in Sun Valley. The sector is responsible for the operation of approximately 460 Metro buses and 24 Metro Bus lines carrying nearly 50.4 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* On-Time Pullout Percentage
- \* In-Service On-Time Performance
- \* Mean Miles Between Chargeable Mechanical Failures (MMBCMF)
- \* Traffic Accidents per 100,000 Hub
- \* Complaints per 100,000 Boardings

Measurement	FY02	FY03	FY04 Target	FY04 YTD	Jan. Month	Status
<b>Bus Systemwide</b>						
On-Time Pullouts (system)*	99.61%	99.64%	100%			
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)**	5,796	6,883	7,500	6,790	9,047	🟡
In-Service On-time Performance	64.88%	69.23%	80%	63.73%	66.19%	🔴
Bus Traffic Accidents Per 100,000 Miles	3.91	3.86	3.00	3.74	3.48	🔴
Complaints per 100,000 Boardings	3.54	4.23	3.50	4.63	4.19	🔴
<b>SFV Sector</b>						
On-Time Pullouts *	99.45%	99.75%	100%			
MMBCMF**	4,646	8,616	8,000	7,794	9,782	🟡
In-Service On-time Performance		67.30%	80%	67.12%	69.14%	🔴
Bus Traffic Accidents Per 100,000 Miles	3.09	2.91	2.70	3.08	2.90	🟡
Complaints per 100,000 Boardings	3.43	6.32	3.50	5.23	6.06	🔴
<b>Division 8</b>						
On-Time Pullouts *	99.57%	99.81%	100%			
MMBCMF**	5,775	9,177	8,000	7,223	7,656	🟡
In-Service On-time Performance	67.88%	70.09%	80%	68.54%	70.43%	🔴
Bus Traffic Accidents Per 100,000 Miles	3.22	2.84	2.70	2.56	2.37	🟢
Complaints per 100,000 Boardings	3.16	6.87	3.50	4.71	5.18	🔴
<b>Division 15</b>						
On-Time Pullouts *	99.37%	99.72%	100%			
MMBCMF**	4,514	8,260	8,000	8,263	11,982	🟡
In-Service On-time Performance	62.51%	66.13%	80%	66.38%	68.50%	🔴
Bus Traffic Accidents Per 100,000 Miles	3.01	2.96	2.70	3.45	3.24	🟡
Complaints per 100,000 Boardings	3.58	6.01	3.50	5.60	6.64	🔴

\* A substantial portion of the Transit Radio System (TRS) source data is self-reported. There may be other outlates, cancellations, or lost revenue service hours not reported through the TRS. **Data generated by Bus Operations Control is unavailable.**

\*\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

🟢 Green - High probability of achieving the FY04 target (on track).

🟡 Yellow - Uncertain if the FY04 target will be achieved -- slight problems, delays or management issues.

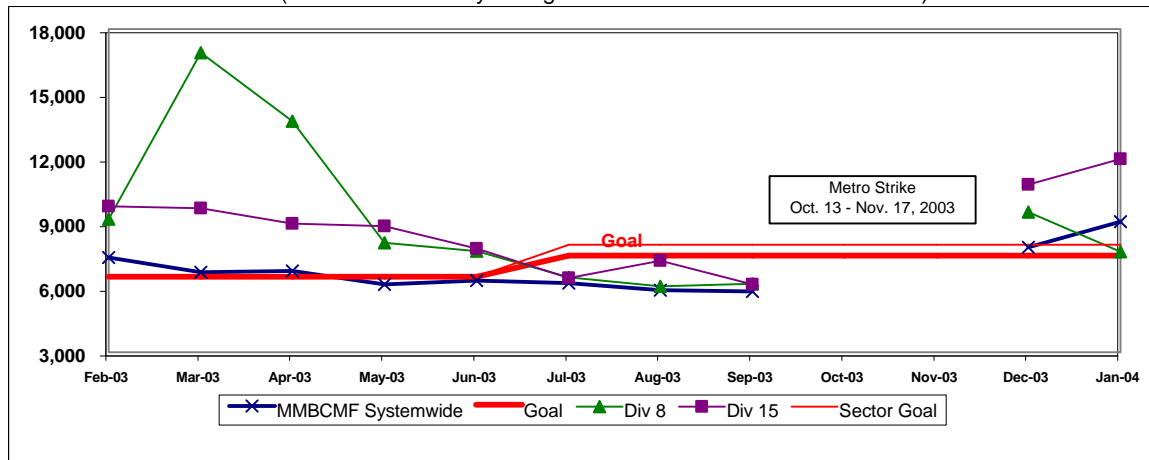
🔴 Red - High probability that the FY04 target will not be achieved -- significant problems and/or delays.

## SAN FERNANDO VALLEY SECTOR BUS SERVICE PERFORMANCE

### MEAN MILES BETWEEN CHARGEABLE MECHANICAL FAILURES\* Systemwide and Divisions 8 and 15

**Definition:** Average Hub Miles traveled between chargeable mechanical problems that result in a service disruption of greater than ten minutes.

**Calculation:** MMBCMF = (Total Hub Miles / by Chargeable Mechanical Related Roadcalls)



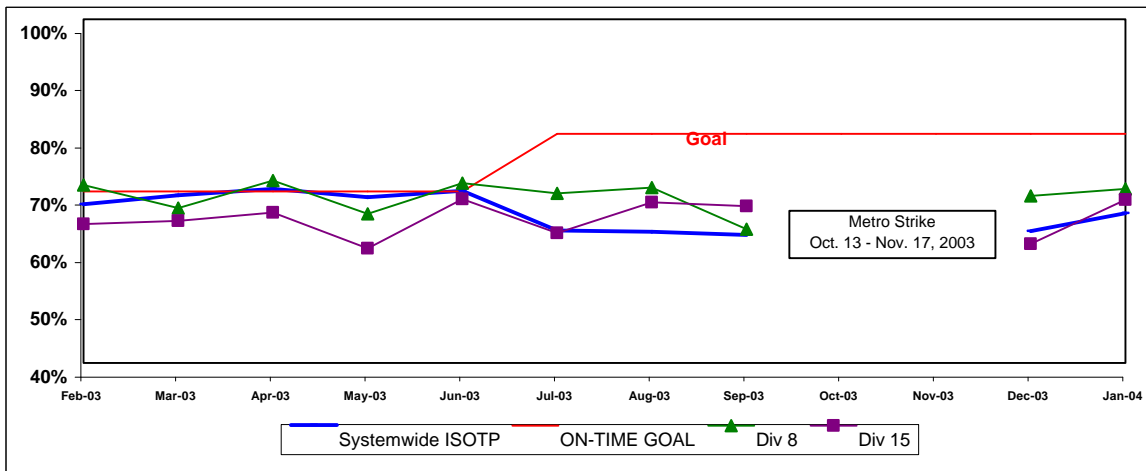
\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

### IN-SERVICE ON-TIME PERFORMANCE

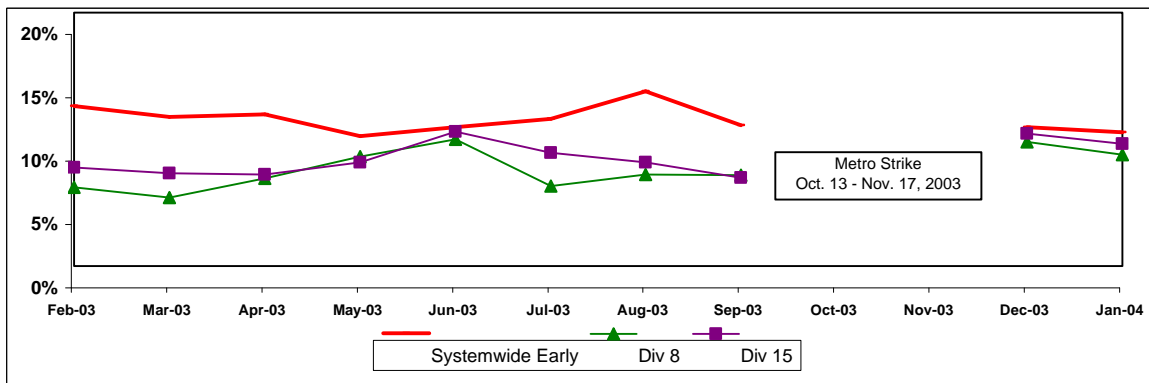
**Definition:** This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

**Calculation:** ISOTP% = 1 - ((Number of buses departing early + Number of buses departing more than five minutes late) / (Total buses sampled))

#### Systemwide and Bus Operating Divisions 8 and 15 ISOTP - 1 Minute Tolerance for Running Hot



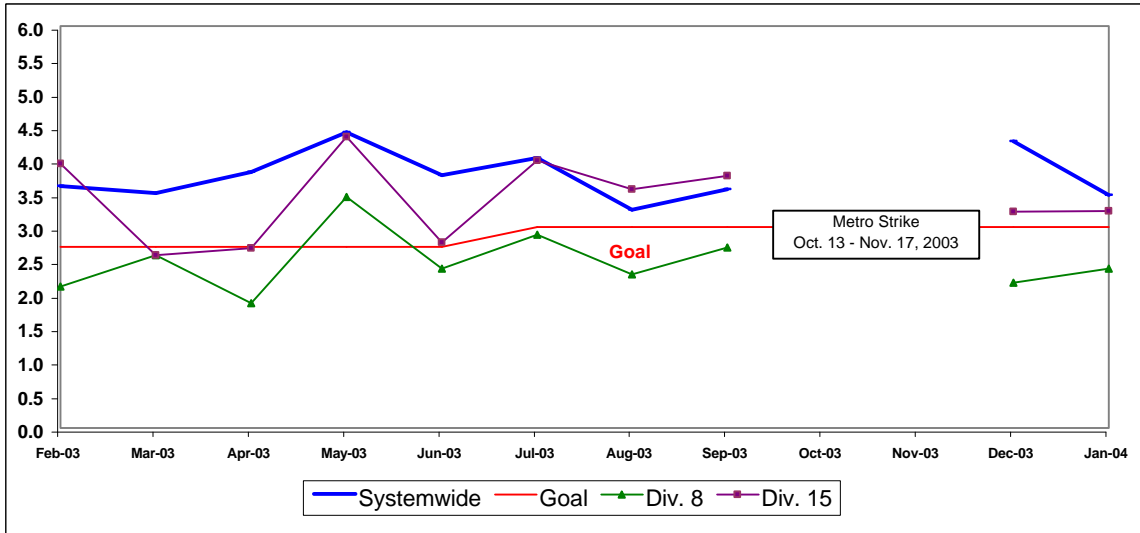
#### Running Hot - Systemwide and Bus Operating Divisions 8 and 15



**BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES**  
**Systemwide and Bus Operating Divisions 8 and 15**

**Definition:** Average number of Traffic Accidents for every 100,000 Hub Miles traveled. This indicator measures system safety.

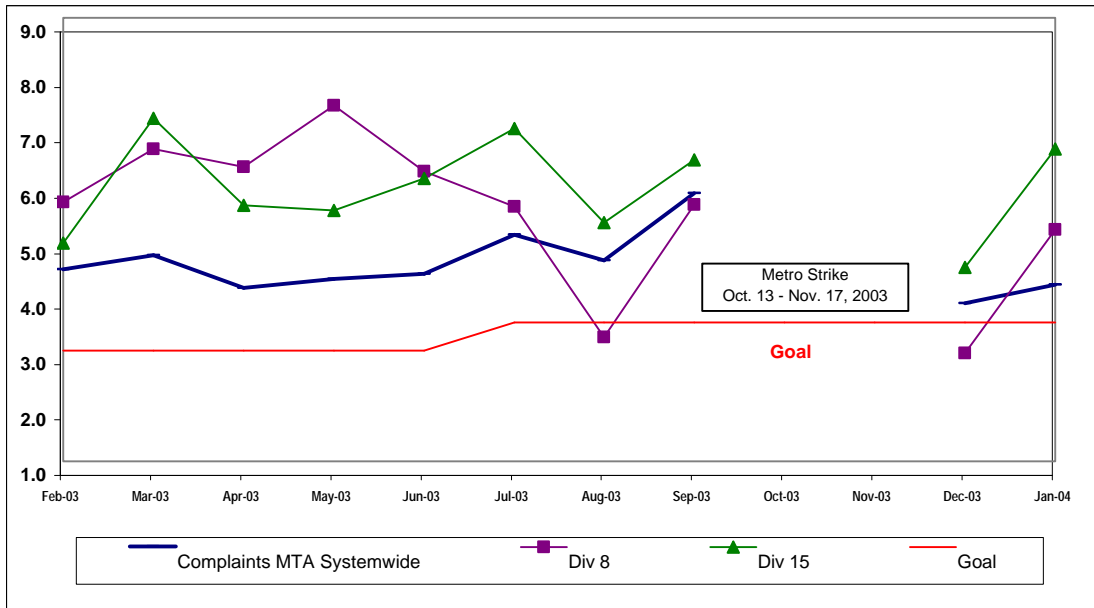
**Calculation:** Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



**COMPLAINTS PER 100,000 BOARDINGS**  
**Systemwide and Bus Operating Divisions 8 and 15**

**Definition:** Average number of customer complaints per 100,000 boardings. This indicator measures service quality and customer satisfaction.

**Calculation:** Customer complaints per 100,000 Boardings = Complaints/(Boardings/100,000)



## San Gabriel Valley Sector Scorecard Overview (SGV)

This sector has two MTA operating divisions, Division 3 Cypress Park and Division 9 in El Monte. The sector is responsible for the operation of approximately 410 Metro buses and 27 Metro Bus lines carrying over 64.5 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* On-Time Pullout Percentage
- \* In-Service On-Time Performance
- \* Mean Miles Between Chargeable Mechanical Failures (MMBCMF)
- \* Traffic Accidents per 100,000 Hub
- \* Complaints per 100,000 Boardings

Measurement	FY02	FY03	FY04 Target	FY04 YTD	Jan. Month	Status
<b>Bus Systemwide</b>						
On-Time Pullouts (system)*	99.61%	99.64%	100%			
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)**	5,796	6,883	7,500	6,790	9,047	🟡
In-Service On-time Performance	64.88%	69.23%	80%	63.73%	66.19%	🔴
Bus Traffic Accidents Per 100,000 Miles	3.91	3.86	3.00	3.74	3.48	🔴
Complaints per 100,000 Boardings	3.54	4.23	3.50	4.63	4.19	🔴
<b>SGV Sector</b>						
On-Time Pullouts*	99.71%	99.77%	100%			
MMBCMF**	6,708	7,696	8,000	7,018	9,677	🟡
In-Service On-time Performance		70.02%	80%	68.45%	72.18%	🟡
Bus Traffic Accidents Per 100,000 Miles	3.23	3.40	3.10	3.24	3.18	🟡
Complaints per 100,000 Boardings	3.13	3.57	3.25	3.96	3.46	🔴
<b>Division 3</b>						
On-Time Pullouts*	99.69%	99.72%	100%			
MMBCMF**	5,538	5,726	8,000	5,552	6,372	🔴
In-Service On-time Performance	68.70%	71.08%	80%	70.08%	72.40%	🟡
Bus Traffic Accidents Per 100,000 Miles	3.96	4.22	3.10	3.98	3.65	🔴
Complaints per 100,000 Boardings	2.61	3.09	3.25	2.98	2.50	🟢
<b>Division 9</b>						
On-Time Pullouts*	99.72%	99.83%	100%			
MMBCMF**	8,336	11,322	8,000	9,454	10,885	🟢
In-Service On-time Performance	64.56%	67.47%	80%	64.63%	71.58%	🔴
Bus Traffic Accidents Per 100,000 Miles	2.56	2.64	3.10	2.51	2.70	🟢
Complaints per 100,000 Boardings	3.90	4.31	3.25	5.74	5.10	🔴

\* A substantial portion of the Transit Radio System (TRS) source data is self-reported. There may be other outlates, cancellations, or lost revenue service hours not reported through the TRS. **Data generated by Bus Operations Control is unavailable.**

\*\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

🟢 Green - High probability of achieving the FY04 target (on track).

🟡 Yellow - Uncertain if the FY04 target will be achieved -- slight problems, delays or management issues.

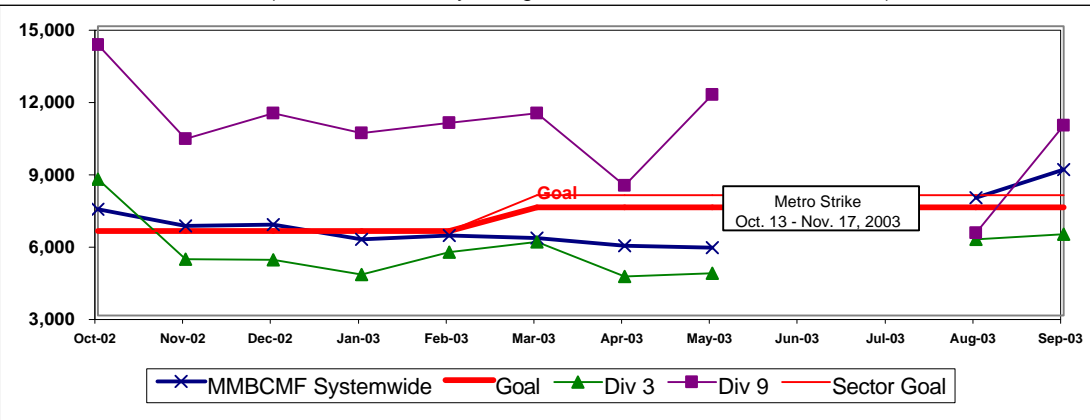
🔴 Red - High probability that the FY04 target will not be achieved -- significant problems and/or delays.

## SAN GABRIEL VALLEY SECTOR (SGV) BUS SERVICE PERFORMANCE

### MEAN MILES BETWEEN CHARGEABLE MECHANICAL FAILURES\* Systemwide and Divisions 3 and 9

**Definition:** Average Hub Miles traveled between chargeable mechanical problems that result in a service

**Calculation:** MMBCMF = (Total Hub Miles / by Chargeable Mechanical Related Roadcalls)



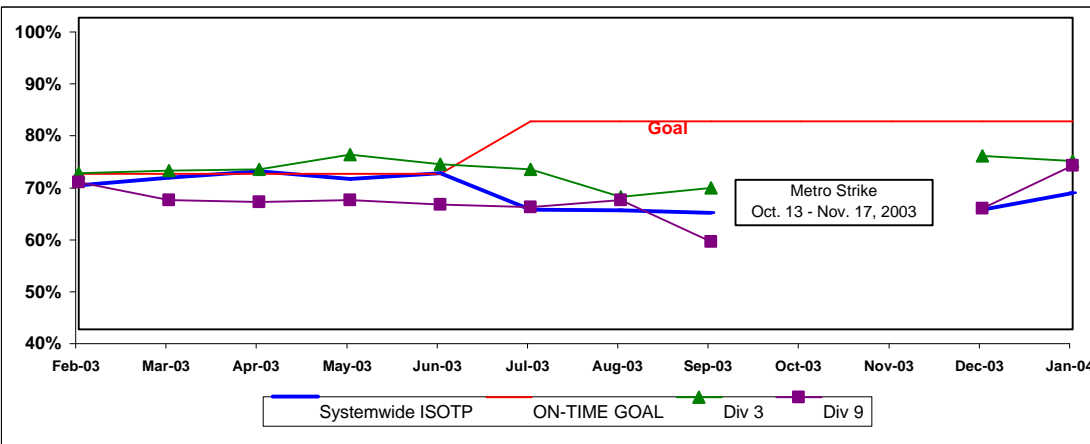
\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

### IN-SERVICE ON-TIME PERFORMANCE

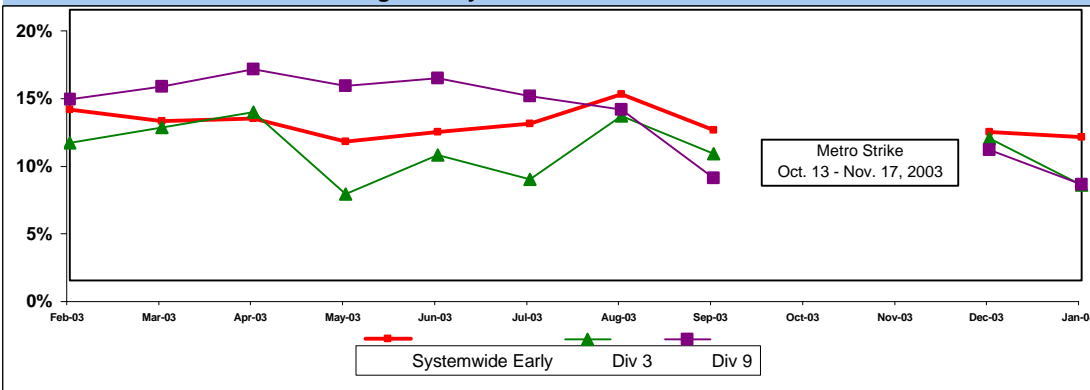
**Definition:** This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

**Calculation:** ISOTP% = 1 - ((Number of buses departing early + Number of buses departing more than five minutes late) / (Total buses sampled))

#### Systemwide and Bus Operating Divisions 3 and 9 ISOTP - 1 Minute Tolerance for Running Hot



#### Running Hot - Systemwide and Divisions 3 and 9

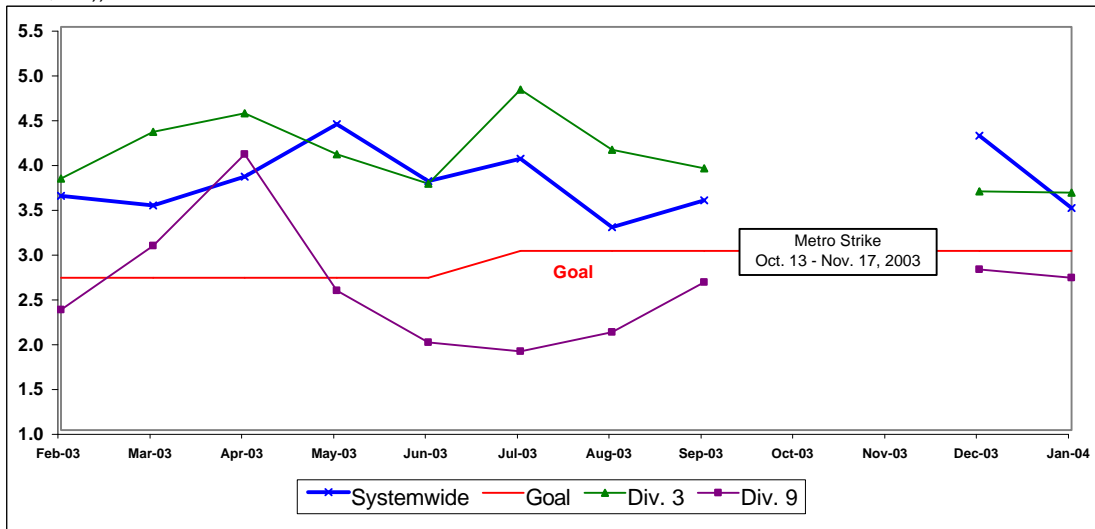


SGV SECTOR BUS SERVICE PERFORMANCE - Continued

**BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES**  
Systemwide and Divisions 3 and 9

**Definition:** Average number of Traffic Accidents for every 100,000 Hub Miles traveled. This indicator measures system safety.

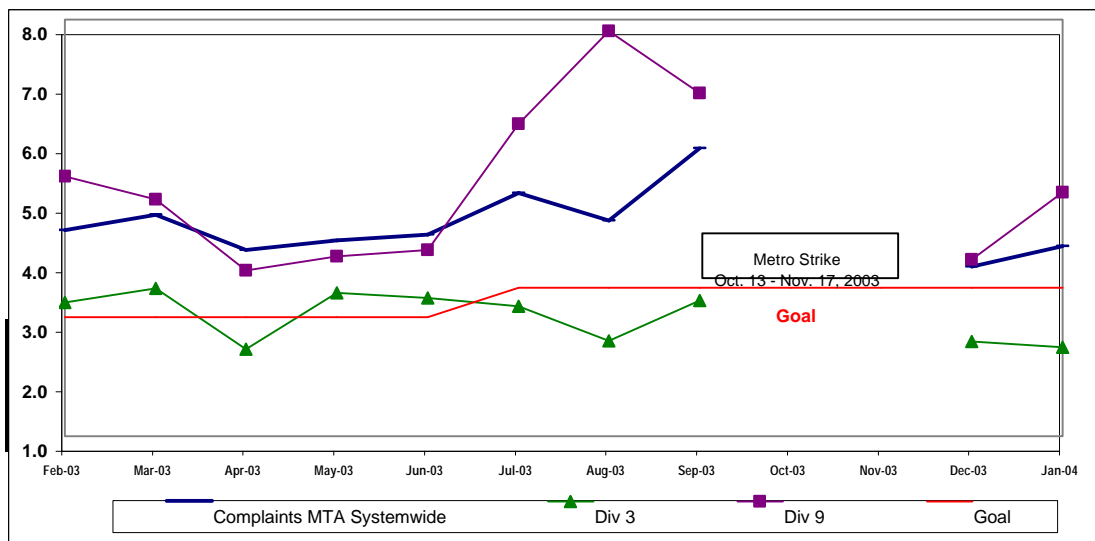
**Calculation:** Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



**COMPLAINTS PER 100,000 BOARDINGS**  
Systemwide and Divisions 3 and 9

**Definition:** Average number of customer complaints per 100,000 boardings. This indicator measures service quality and customer satisfaction.

**Calculation:** Customer complaints per 100,000 Boardings = Complaints/(Boardings/100,000)





## Gateway Cities Sector Scorecard Overview (GC)

This sector has two MTA operating divisions, Division 1 and 2, both operating out of the downtown Los Angeles area. The sector will be responsible for the operation of approximately 365 Metro buses and 20 Metro Bus lines carrying nearly 59.8 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* On-Time Pullout Percentage
- \* In-Service On-Time Performance
- \* Mean Miles Between Chargeable Mechanical Failures (MMBCMF)
- \* Traffic Accidents per 100,000 Hub
- \* Complaints per 100,000 Boardings

Measurement	FY02	FY03	FY04 Target	FY04 YTD	Jan. Month	Status
<b>Bus Systemwide</b>						
On-Time Pullouts (system) *	99.61%	99.64%	100%			
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)**	5,796	6,883	7,500	6,790	9,047	🟡
In-Service On-time Performance	64.88%	69.23%	80%	63.73%	66.19%	🔴
Bus Traffic Accidents Per 100,000 Miles	3.91	3.86	3.00	3.74	3.48	🔴
Complaints per 100,000 Boardings	3.54	4.23	3.50	4.63	4.19	🔴
<b>GC Sector</b>						
On-Time Pullouts *	99.64%	99.78%	100%			
MMBCMF**	6,726	7,800	8,000	8,129	13,838	🟡
In-Service On-time Performance		74.53%	80%	67.38%	68.73%	🔴
Bus Traffic Accidents Per 100,000 Miles	4.49	4.07	3.30	3.74	2.59	🔴
Complaints per 100,000 Boardings	2.07	2.63	2.50	3.18	2.21	🟡
<b>Division 1</b>						
On-Time Pullouts *	99.84%	99.81%	100%			
MMBCMF**	8,510	9,863	8,000	7,444	14,358	🔴
In-Service On-time Performance	74.95%	78.22%	80%	68.81%	70.32%	🔴
Bus Traffic Accidents Per 100,000 Miles	4.51	3.39	3.30	3.09	1.62	🟡
Complaints per 100,000 Boardings	1.76	2.26	2.50	3.70	2.41	🔴
<b>Division 2</b>						
On-Time Pullouts *	99.44%	99.75%	100%			
MMBCMF**	5,514	6,398	8,000	9,092	13,250	🟢
In-Service On-time Performance	63.01%	67.53%	80%	65.52%	66.97%	🔴
Bus Traffic Accidents Per 100,000 Miles	4.48	4.78	3.30	4.48	3.77	🔴
Complaints per 100,000 Boardings	2.38	3.07	2.50	2.68	1.99	🟡

\* A substantial portion of the Transit Radio System (TRS) source data is self-reported. There may be other outlates, cancellations, or lost revenue service hours not reported through the TRS. **Data generated by Bus Operations Control is unavailable.**

\*\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

🟢 Green - High probability of achieving the FY04 target (on track).

🟡 Yellow - Uncertain if the FY04 target will be achieved -- slight problems, delays or management issues.

🔴 Red - High probability that the FY04 target will not be achieved -- significant problems and/or delays.

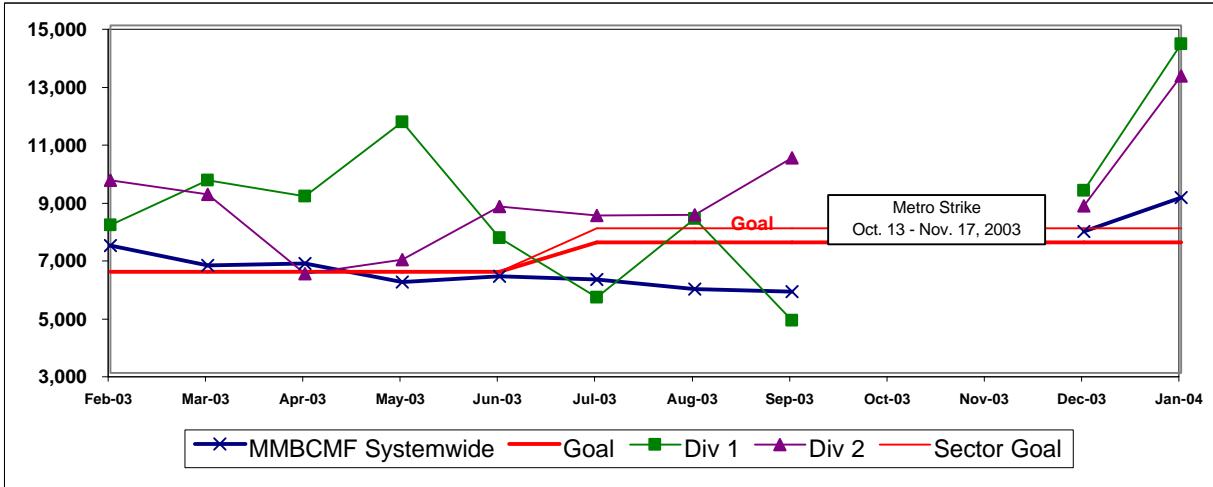
## GATEWAY CITIES SECTOR BUS SERVICE PERFORMANCE

### MEAN MILES BETWEEN CHARGEABLE MECHANICAL FAILURES\*

#### Systemwide and Divisions 1 and 2

**Definition:** Average Hub Miles traveled between chargeable mechanical problems that result in a service disruption of greater than ten minutes.

**Calculation:** MMBCMF = (Total Hub Miles / by Chargeable Mechanical Related Roadcalls)



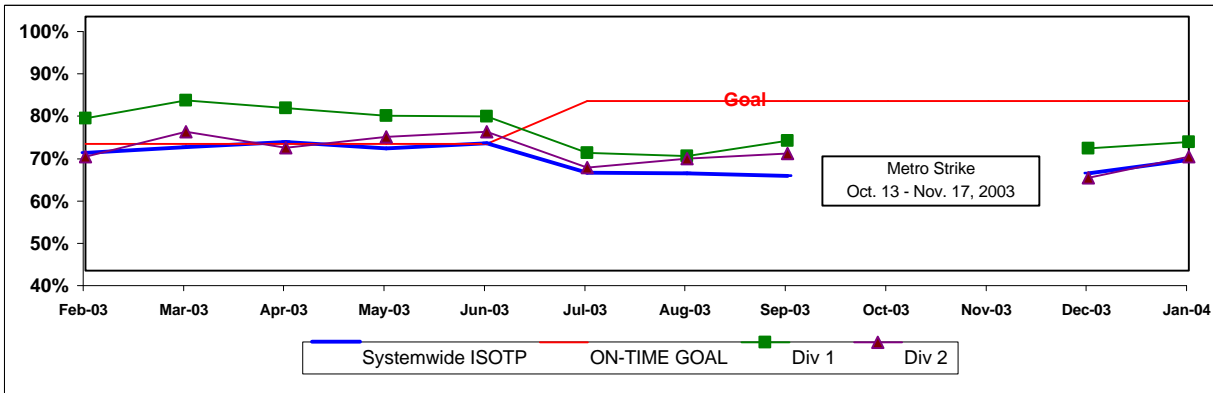
\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

### IN-SERVICE ON-TIME PERFORMANCE

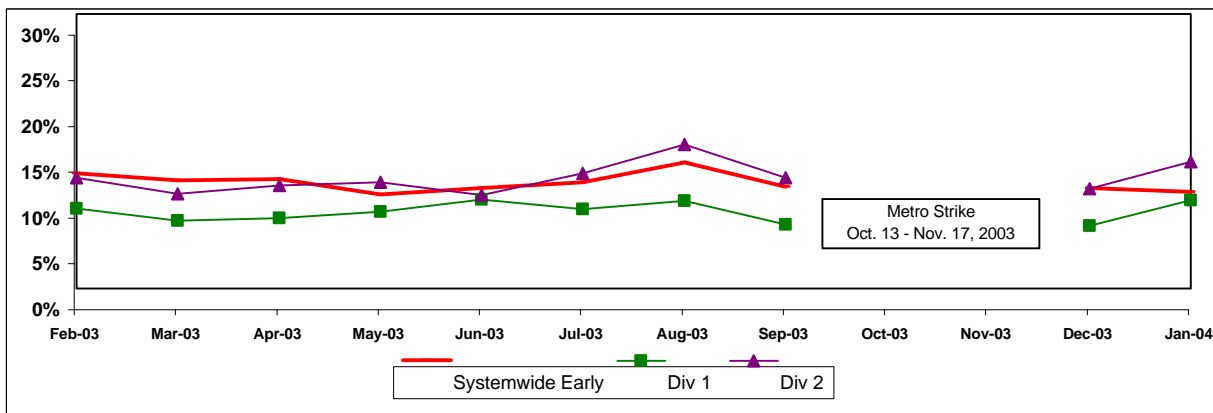
**Definition:** This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

**Calculation:** ISOTP% = 1 - ((Number of buses departing early + Number of buses departing more than five minutes late) / (Total buses sampled))

#### Systemwide and Bus Operating Divisions 1 and 2 ISOTP - 1 Minute Tolerance for Running Hot



#### Running Hot - Systemwide and Divisions 1 and 2

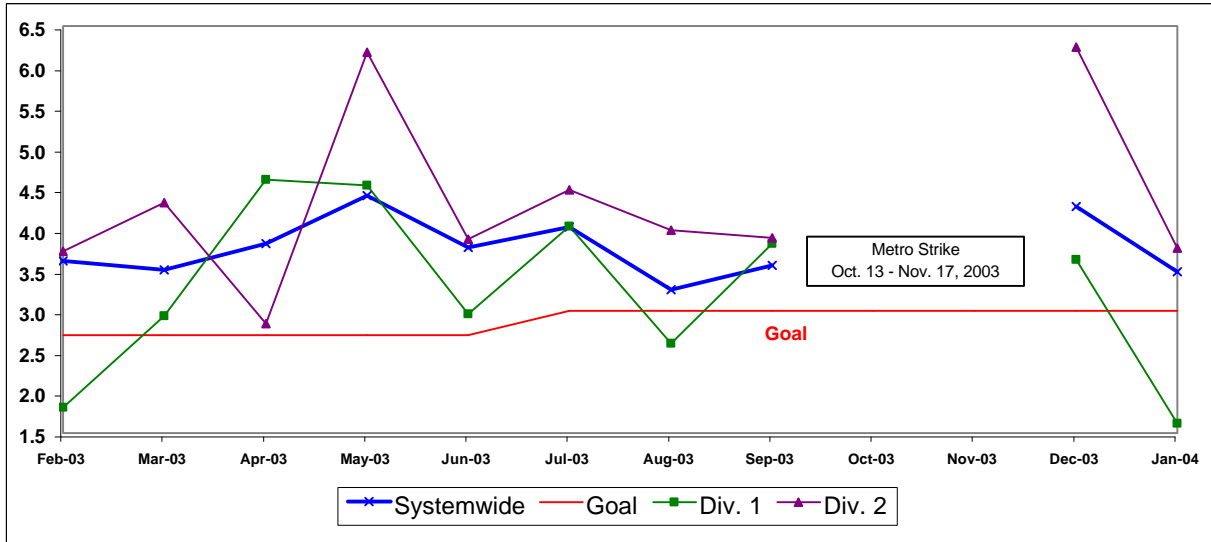


GC SECTOR BUS SERVICE PERFORMANCE - Continued

**BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES**  
Systemwide and Divisions 1 and 2

**Definition:** Average number of Traffic Accidents for every 100,000 Hub Miles traveled. This indicator measures system safety.

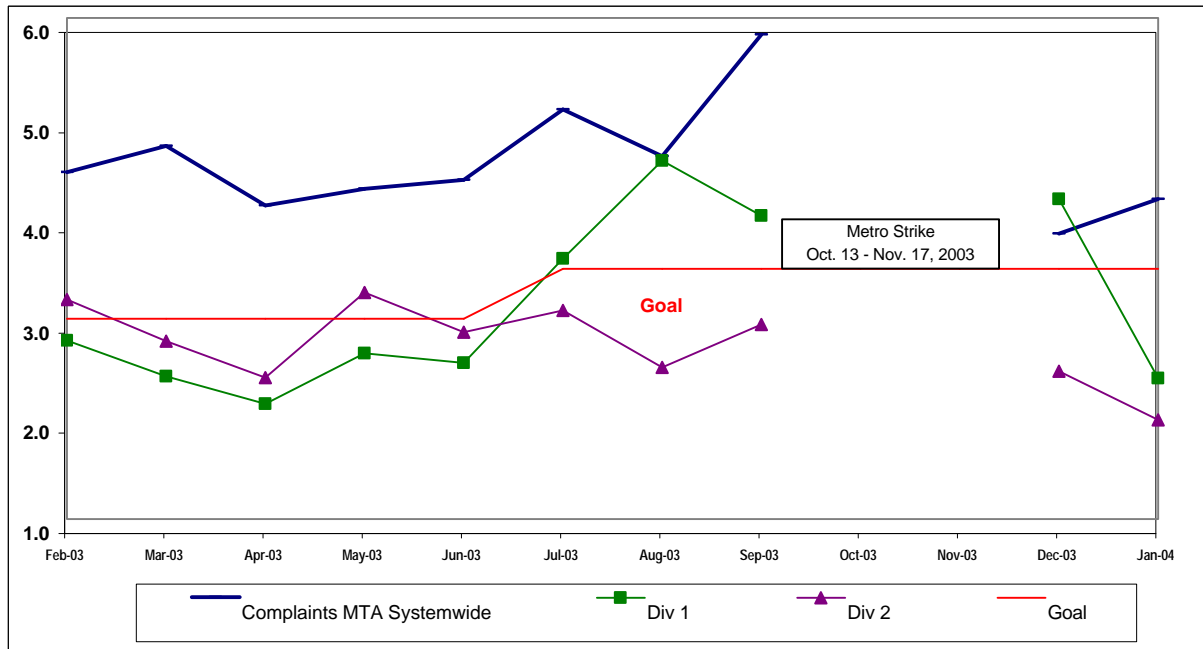
**Calculation:** Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



**COMPLAINTS PER 100,000 BOARDINGS**  
Systemwide and Divisions 1 and 2

**Definition:** Average number of customer complaints per 100,000 boardings. This indicator measures service quality and customer satisfaction.

**Calculation:** Customer complaints per 100,000 Boardings = Complaints/(Boardings/100,000)



## South Bay Sector Scorecard Overview (SB)

This sector has two MTA operating divisions, Division 5 in Inglewood and Division 18 in Carson. The sector will be responsible for the operation of approximately 560 Metro buses and 45 Metro Bus lines carrying over 93.5 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* On-Time Pullout Percentage
- \* In-Service On-Time Performance
- \* Mean Miles Between Chargeable Mechanical Failures (MMBCMF)
- \* Traffic Accidents per 100,000 Hub
- \* Complaints per 100,000 Boardings

Measurement	FY02	FY03	FY04 Target	FY04 YTD	Jan. Month	Status
<b>Bus Systemwide</b>						
On-Time Pullouts (system) *	99.61%	99.64%	100%			
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)**	5,796	6,883	7,500	6,790	9,047	◊
In-Service On-time Performance	64.88%	69.23%	80%	63.73%	66.19%	■
Bus Traffic Accidents Per 100,000 Miles	3.91	3.86	3.00	3.74	3.48	■
Complaints per 100,000 Boardings	3.54	4.23	3.50	4.63	4.19	■
<b>SB Sector</b>						
On-Time Pullouts *	99.75%	99.68%	100%			
MMBCMF**	5,665	6,237	7,500	6,810	9,773	◊
In-Service On-time Performance		63.67%	80%	58.62%	62.73%	■
Bus Traffic Accidents Per 100,000 Miles	4.03	4.00	2.70	3.65	3.60	◊
Complaints per 100,000 Boardings	3.42	4.02	3.50	4.70	4.67	■
<b>Division 5</b>						
On-Time Pullouts *	99.74%	99.70%	100%			
MMBCMF**	8,883	8,756	7,500	8,608	9,677	●
In-Service On-time Performance	63.31%	66.30%	80%	59.80%	61.33%	■
Bus Traffic Accidents Per 100,000 Miles	4.35	4.58	2.70	3.58	3.00	◊
Complaints per 100,000 Boardings	2.47	2.86	3.50	3.08	2.77	●
<b>Division 18</b>						
On-Time Pullouts *	99.76%	99.68%	100%			
MMBCMF**	4,514	5,144	7,500	5,894	9,845	■
In-Service On-time Performance	60.19%	61.23%	80%	57.96%	63.76%	■
Bus Traffic Accidents Per 100,000 Miles	3.80	3.57	2.70	3.70	4.03	■
Complaints per 100,000 Boardings	4.39	5.26	3.50	6.29	6.22	■

\* A substantial portion of the Transit Radio System (TRS) source data is self-reported. There may be other outlates, cancellations, or lost revenue service hours not reported through the TRS. **Data generated by Bus Operations Control is unavailable.**

\*\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

● Green - High probability of achieving the FY04 target (on track).

◊ Yellow - Uncertain if the FY04 target will be achieved -- slight problems, delays or management issues.

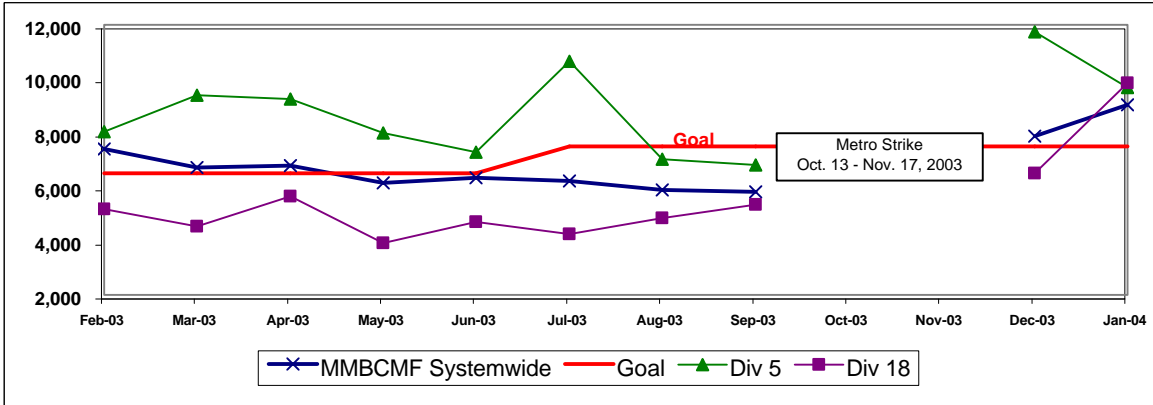
■ Red - High probability that the FY04 target will not be achieved -- significant problems and/or delays.

## SOUTH BAY SECTOR (SB) BUS SERVICE PERFORMANCE

### MEAN MILES BETWEEN CHARGEABLE MECHANICAL FAILURES\* Systemwide and Divisions 5 and 18

**Definition:** Average Hub Miles traveled between chargeable mechanical problems that result in a service disruption of greater than ten minutes.

**Calculation:** MMBCMF = (Total Hub Miles / by Chargeable Mechanical Related Roadcalls)



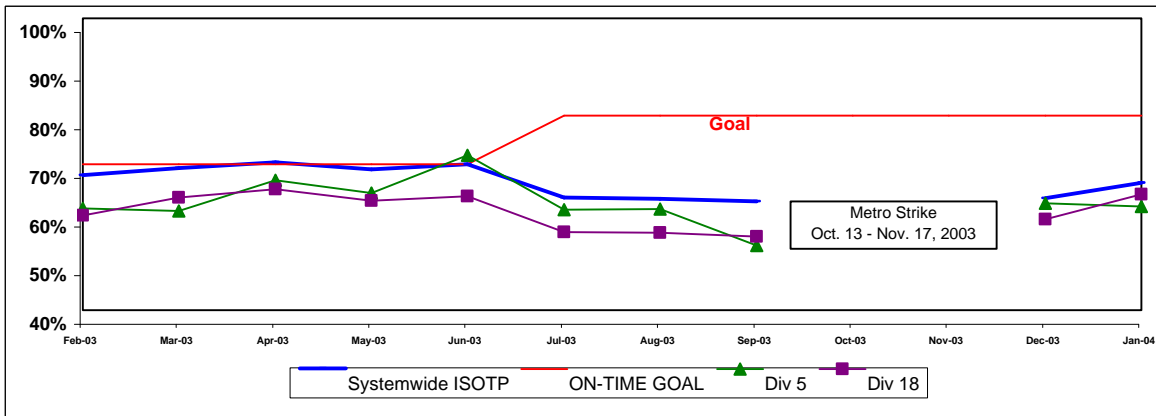
\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

### IN-SERVICE ON-TIME PERFORMANCE

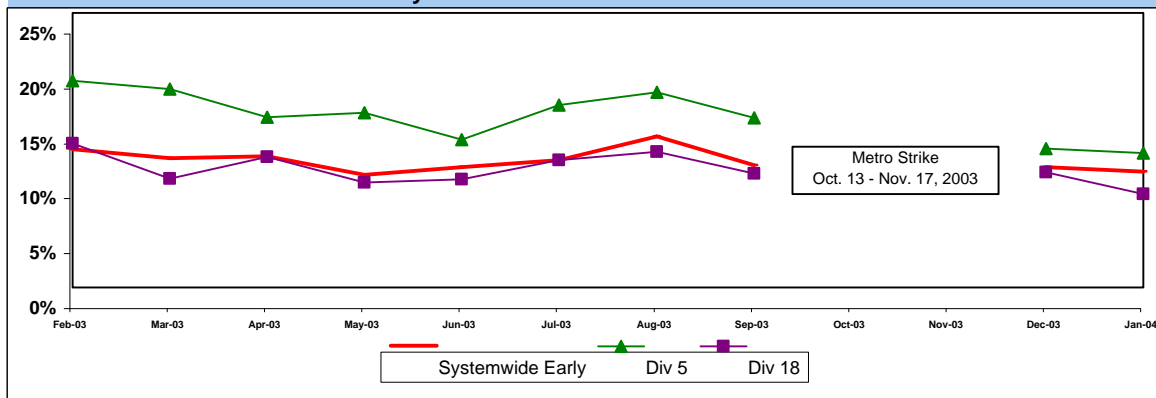
**Definition:** This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

**Calculation:** ISOTP% = 1 - ((Number of buses departing early + Number of buses departing more than five minutes late) / (Total buses sampled))

### Systemwide and Bus Operating Divisions 5 and 18 ISOTP - 1 Minute Tolerance for Running Hot



### Running Hot Systemwide and Divisions 5 and 18

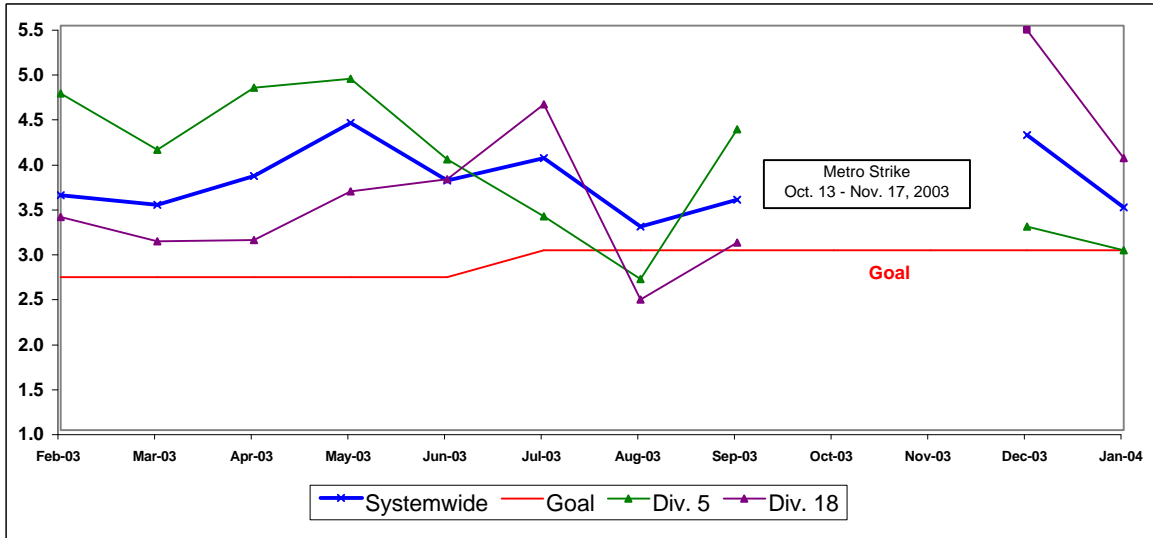


**SB SECTOR BUS SERVICE PERFORMANCE - Continued**

**BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES  
Systemwide and Divisions 5 and 18**

**Definition:** Average number of Traffic Accidents for every 100,000 Hub Miles traveled. This indicator measures system safety.

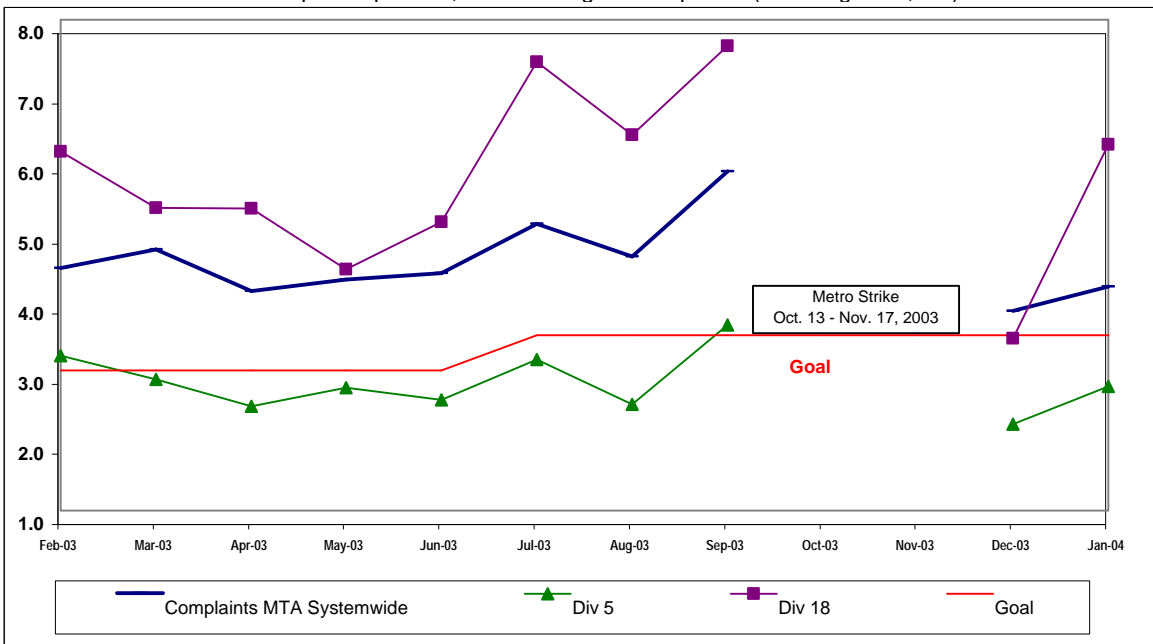
**Calculation:** Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



**COMPLAINTS PER 100,000 BOARDINGS  
Systemwide and Divisions 5 and 18**

**Definition:** Average number of customer complaints per 100,000 boardings. This indicator measures service

**Calculation:** Customer complaints per 100,000 Boardings = Complaints/(Boardings/100,000)



## Westside/Central Sector Scorecard Overview (WC)

This sector has three MTA operating divisions, Division 6 in Venice, Division 7 in West Hollywood, and Division 10 in Los Angeles, near the Gateway building. The sector will be responsible for the operation of approximately 625 Metro buses and 21 Metro Bus lines carrying nearly 86.1 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* On-Time Pullout Percentage
- \* In-Service On-Time Performance
- \* Mean Miles Between Chargeable Mechanical Failures (MMBCMF)
- \* Traffic Accidents per 100,000 Hub
- \* Complaints per 100,000 Boardings

Measurement	FY02	FY03	FY04 Target	FY04 YTD	Jan. Month	Status
<b>Bus Systemwide</b>						
On-Time Pullouts (system) *	99.61%	99.64%	100%			
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)**	5,796	6,883	7,500	6,790	9,047	◊
In-Service On-time Performance	64.88%	69.23%	80%	63.73%	66.19%	■
Bus Traffic Accidents Per 100,000 Miles	3.91	3.86	3.00	3.74	3.48	■
Complaints per 100,000 Boardings	3.54	4.23	3.50	4.63	4.19	■
<b>WC Sector</b>						
On-Time Pullouts *	99.59%	99.37%	100%			
MMBCMF**	6,099	5,720	7,500	5,491	7,314	■
In-Service On-time Performance		67.88%	80%	62.19%	63.89%	■
Bus Traffic Accidents Per 100,000 Miles	4.69	4.72	3.75	4.77	4.57	■
Complaints per 100,000 Boardings	3.33	4.84	3.75	5.71	4.72	■
<b>Division 6</b>						
On-Time Pullouts *	99.73%	99.85%	100%			
MMBCMF**	9,241	8,335	7,500	13,571	38,660	●
In-Service On-time Performance	64.64%	65.93%	80%	60.44%	61.73%	■
Bus Traffic Accidents Per 100,000 Miles	4.18	4.52	3.75	3.83	3.10	◊
Complaints per 100,000 Boardings	4.51	6.10	3.75	6.51	4.18	■
<b>Division 7</b>						
On-Time Pullouts *	99.59%	99.38%	100%			
MMBCMF**	6,942	5,389	7,500	4,416	5,291	■
In-Service On-time Performance	67.96%	68.80%	80%	63.03%	65.11%	■
Bus Traffic Accidents Per 100,000 Miles	5.23	4.95	3.75	5.03	4.17	■
Complaints per 100,000 Boardings	3.36	4.74	3.75	6.29	5.53	■
<b>Division 10</b>						
On-Time Pullouts *	99.56%	99.26%	100%			
MMBCMF**	5,121	5,734	7,500	6,078	8,929	■
In-Service On-time Performance	63.56%	67.34%	80%	61.84%	63.30%	■
Bus Traffic Accidents Per 100,000 Miles	4.23	4.55	3.75	4.72	5.23	■
Complaints per 100,000 Boardings	3.13	4.73	3.75	5.15	4.25	■

\* A substantial portion of the Transit Radio System (TRS) source data is self-reported. There may be other outlates, cancellations, or lost revenue service hours not reported through the TRS. **Data generated by Bus Operations Control is unavailable.**

\*\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

● Green - High probability of achieving the FY04 target (on track).

◊ Yellow - Uncertain if the FY04 target will be achieved -- slight problems, delays or management issues.

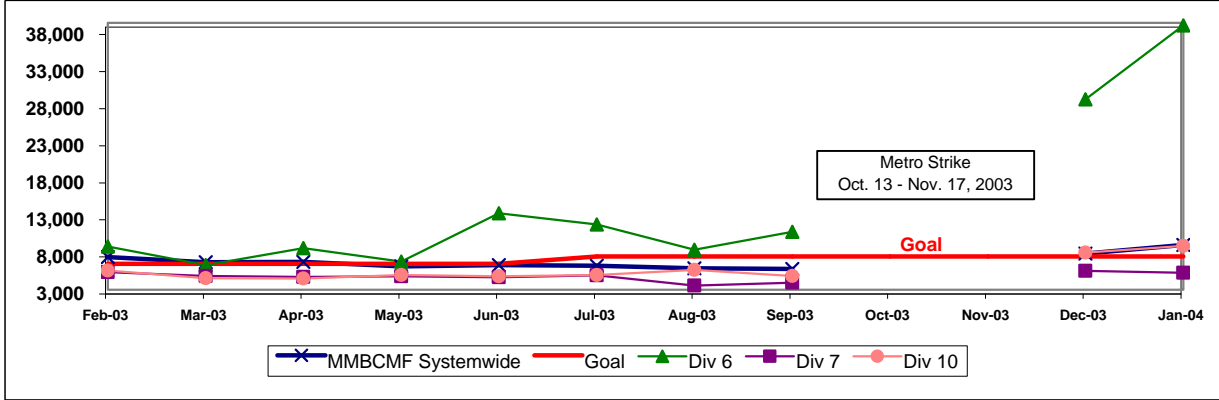
■ Red - High probability that the FY04 target will not be achieved -- significant problems and/or delays.

## WESTSIDE/CENTRAL SECTOR (WC) BUS SERVICE PERFORMANCE

### MEAN MILES BETWEEN CHARGEABLE MECHANICAL FAILURES\*

**Definition:** Average Hub Miles traveled between chargeable mechanical problems that result in a service disruption of greater than ten minutes.

**Calculation:** MMBCMF = (Total Hub Miles / by Chargeable Mechanical Related Roadcalls)



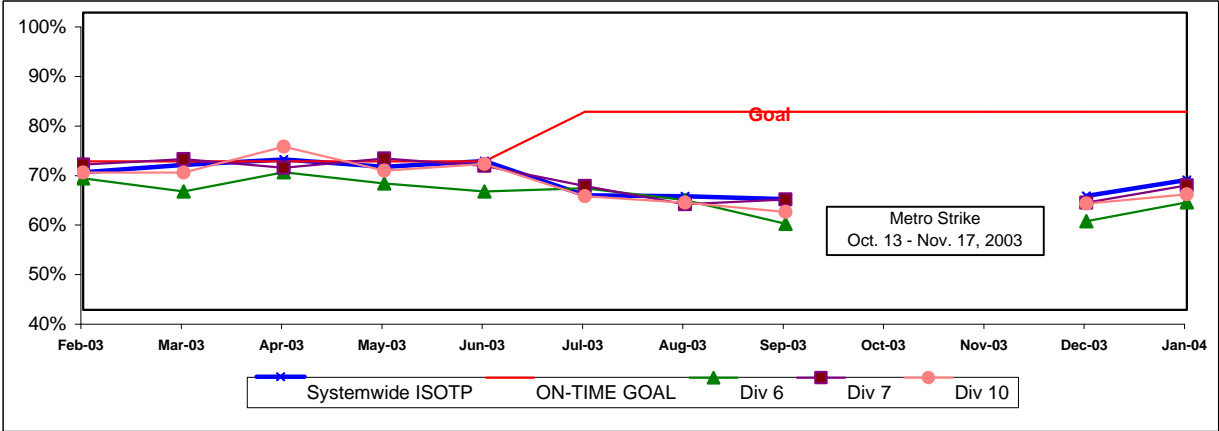
\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

### IN-SERVICE ON-TIME PERFORMANCE

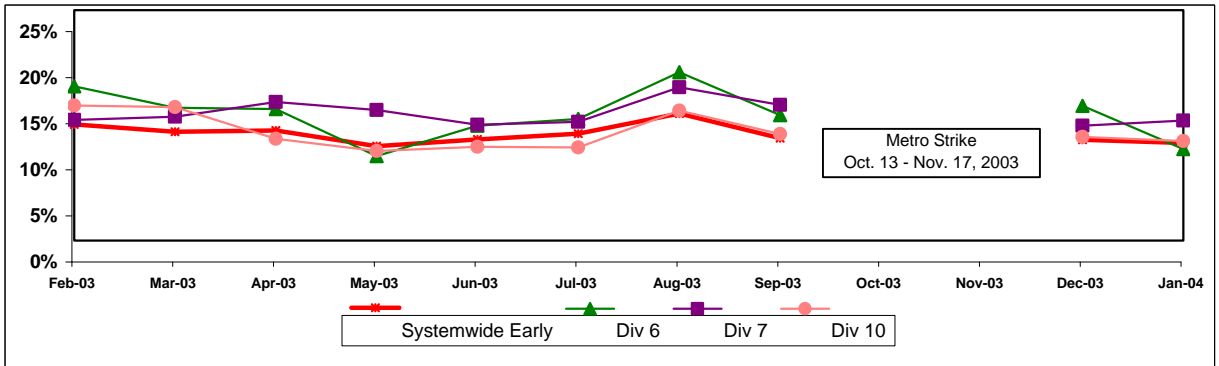
**Definition:** This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

**Calculation:** ISOTP% = 1 - ((Number of buses departing early + Number of buses departing more than five minutes late) / (Total buses sampled))

#### Systemwide and Bus Operating Divisions 6, 7 and 10 ISOTP - 1 Minute Tolerance for Running Hot



#### Running Hot - Systemwide and Divisions 6, 7 and 10



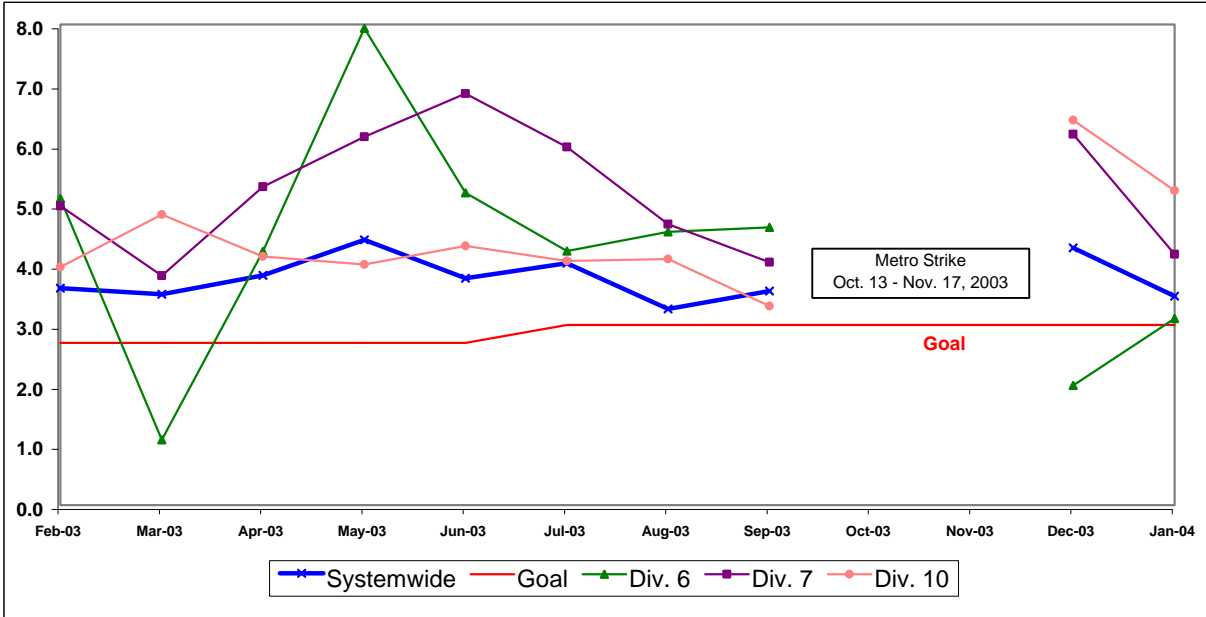


WC SECTOR BUS SERVICE PERFORMANCE - Continued

**BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES**  
Systemwide and Bus Operating Divisions 6, 7 and 10

**Definition:** Average number of Traffic Accidents for every 100,000 Hub Miles traveled. This indicator measures system safety.

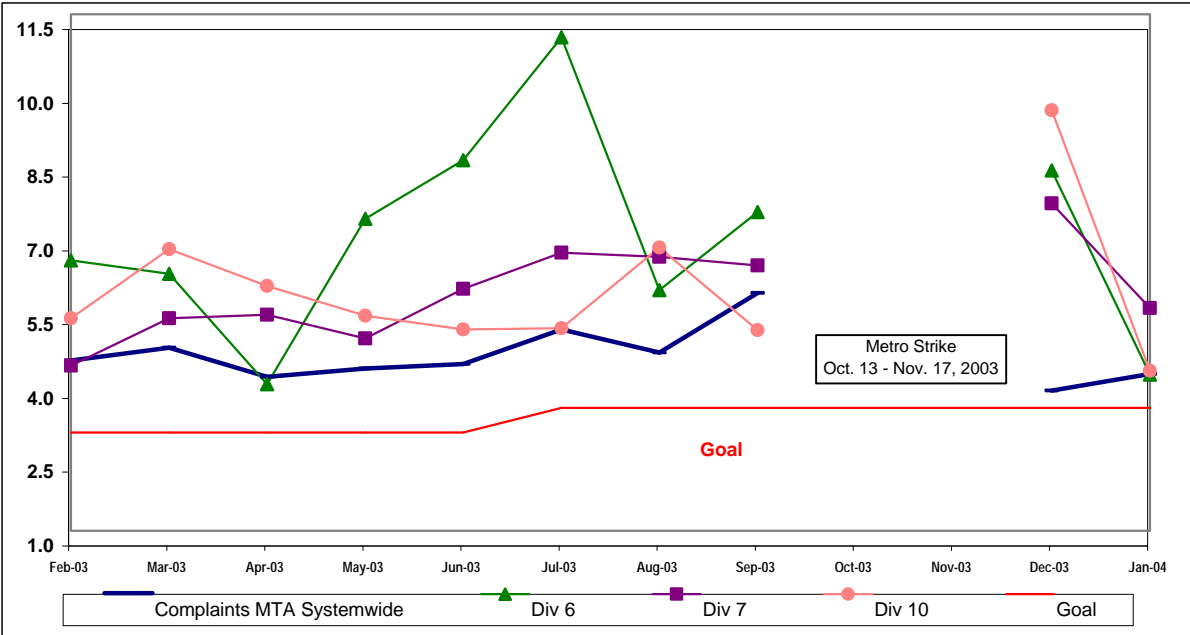
**Calculation:** Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



**COMPLAINTS PER 100,000 BOARDINGS**  
Systemwide and Bus Operating Divisions 6, 7 and 10

**Definition:** Average number of customer complaints per 100,000 boardings. This indicator measures service quality and customer satisfaction.

**Calculation:** Customer complaints per 100,000 Boardings = Complaints/(Boardings/100,000)



## Metro Rail Scorecard Overview

Metro Rail operates one heavy rail line, Metro Red Line from Union Station to North Hollywood and three light rail lines, Metro Blue Line from downtown to Long Beach, Metro Green Line along the 105 freeway and Metro Gold Line to Pasadena. Metro Rail is responsible for the operation of approximately 104 heavy rail cars and 121 light rail cars carrying nearly 5.8 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* On-Time Pullout Percentage
- \* In-Service On-Time Performance
- \* Mean Miles Between Chargeable Mechanical Failures (MMBMF)
- \* Traffic Accidents per 100,000 Train Miles
- \* Complaints per 100,000 Boardings

Measurement	FY02	FY03	FY04 Target	FY04 YTD	Jan. Month	Status
<b>Metro Red Line (MRL)</b>						
On-Time Pullouts	99.89%	99.36%	99.00%	99.68%	100.00%	●
Mean Miles Between Chargeable Mechanical Failures	9,842	9,495	10,000	15,485	18,882	●
In-Service On-time Performance	99.60%	99.15%	99.50%	99.19%	99.51%	◇
Traffic Accidents Per 100,000 Train Miles	0.22	0.07	0.20	0.00	0.00	●
Complaints per 100,000 Boardings	0.73	1.20	0.85	1.06	1.01	◇
<b>Metro Blue Line (MBL)</b>						
On-Time Pullouts	99.43%	99.07%	99.00%	99.88%	100.00%	●
Mean Miles Between Chargeable Mechanical Failures	4,897	6,399	10,000	11,791	15,295	●
In-Service On-time Performance	98.70%	97.59%	98.50%	98.94%	99.16%	●
Traffic Accidents Per 100,000 Train Miles	0.97	0.82	0.70	1.20	1.39	◇
Complaints per 100,000 Boardings	0.97	1.30	0.88	1.03	0.90	◇
<b>Metro Green Line (MGrL)</b>						
On-Time Pullouts	99.62%	98.99%	99.00%	99.78%	99.79%	●
Mean Miles Between Chargeable Mechanical Failures	3,990	5,617	10,000	12,259	18,458	●
In-Service On-time Performance	99.16%	98.21%	99.50%	99.22%	99.53%	◇
Traffic Accidents Per 100,000 Train Miles	0.00	0.14	0.20	0.14	0.00	●
Complaints per 100,000 Boardings	1.22	1.26	0.88	1.18	1.14	◇
<b>Metro Gold Line (MGoL)</b>						
On-Time Pullouts			99.00%	100.00%	100.00%	●
Mean Miles Between Chargeable Mechanical Failures			10,000	10,435	6,323	●
In-Service On-time Performance			99.00%	98.36%	97.89%	◇
Traffic Accidents Per 100,000 Train Miles			0.20	0.50	0.00	◇
Complaints per 100,000 Boardings			TBD	4.42	2.75	■

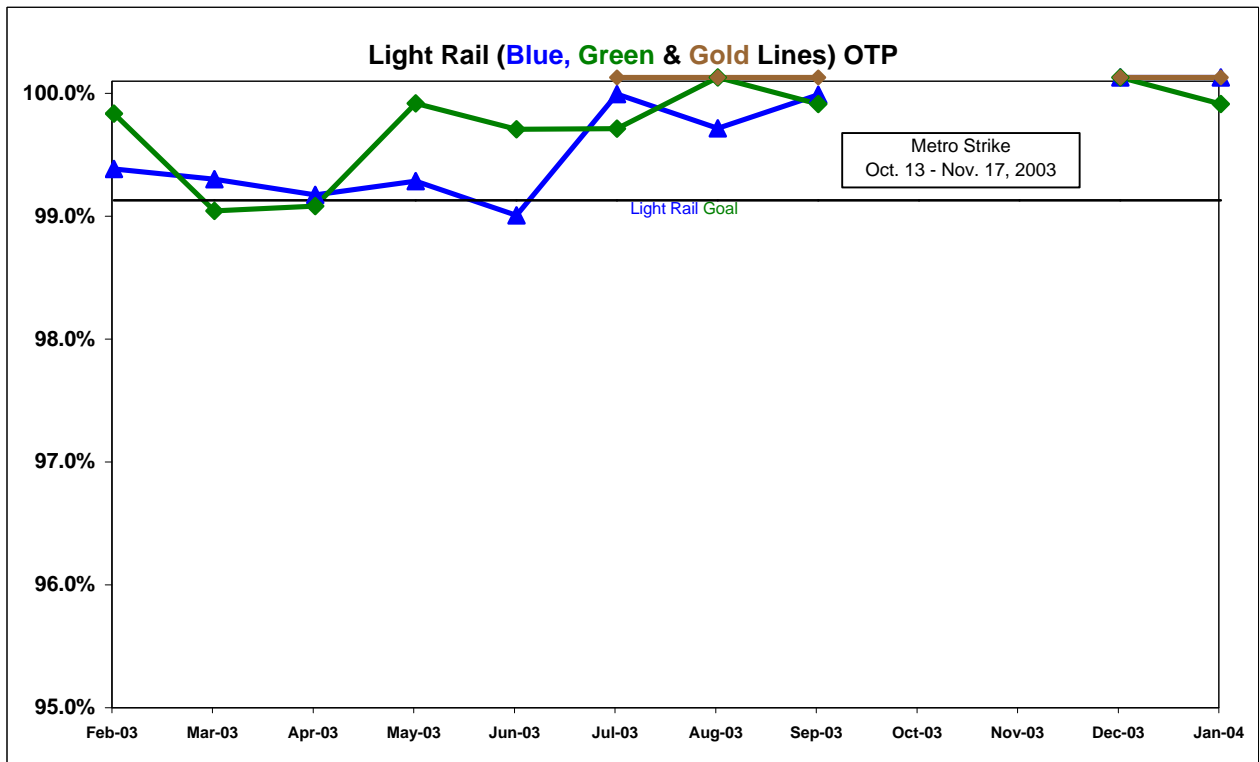
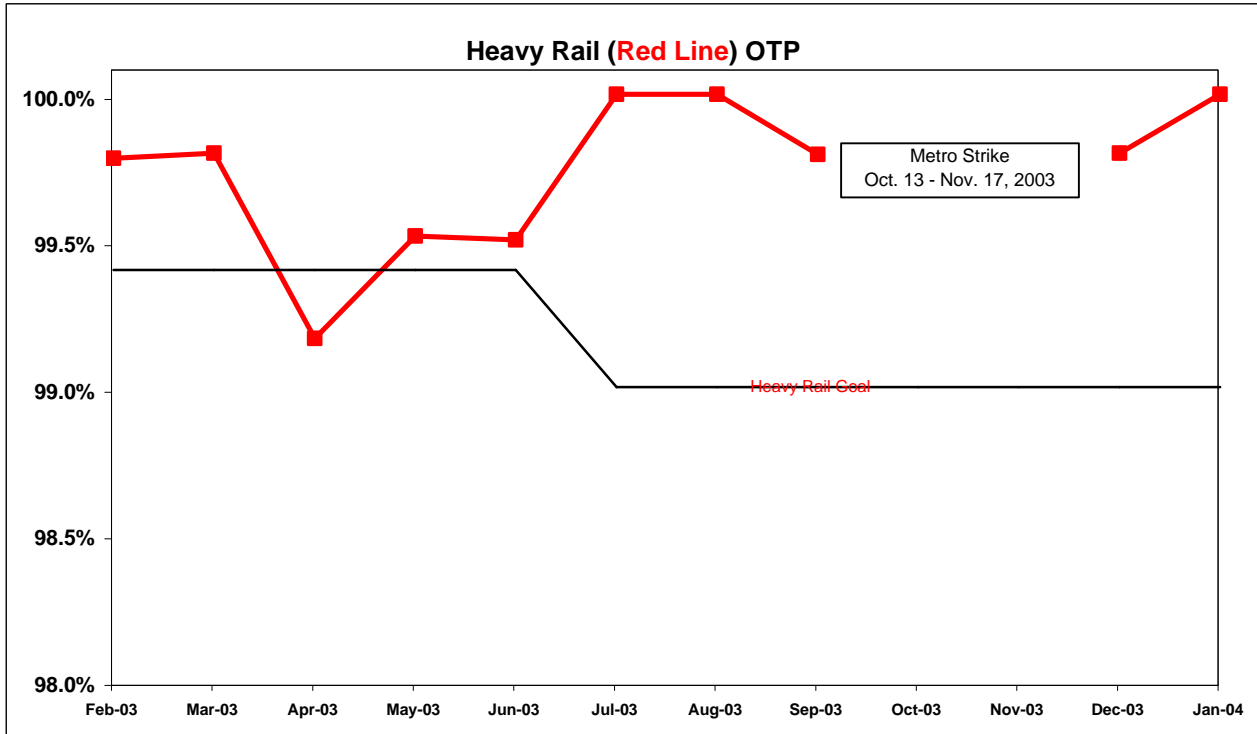
- Green - High probability of achieving the FY04 target (on track).
- ◇ Yellow - Uncertain if the FY04 target will be achieved -- slight problems, delays or management issues.
- Red - High probability that the FY04 target will not be achieved -- significant problems and/or delays.

# RAIL SERVICE PERFORMANCE

## ON-TIME PULLOUTS

**Definition:** On-time Pullouts measures the percentage of trains leaving the yard within ninety seconds of the scheduled pullout time. The higher the number, the more reliable the service.

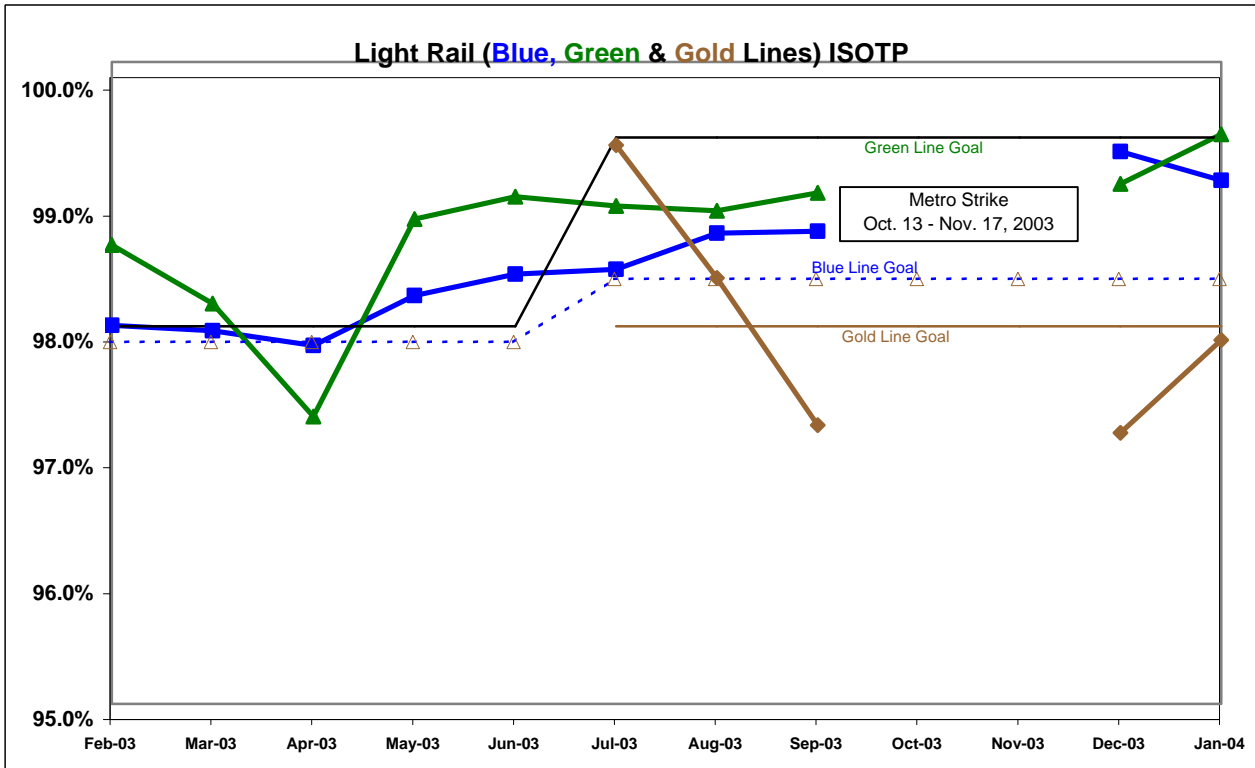
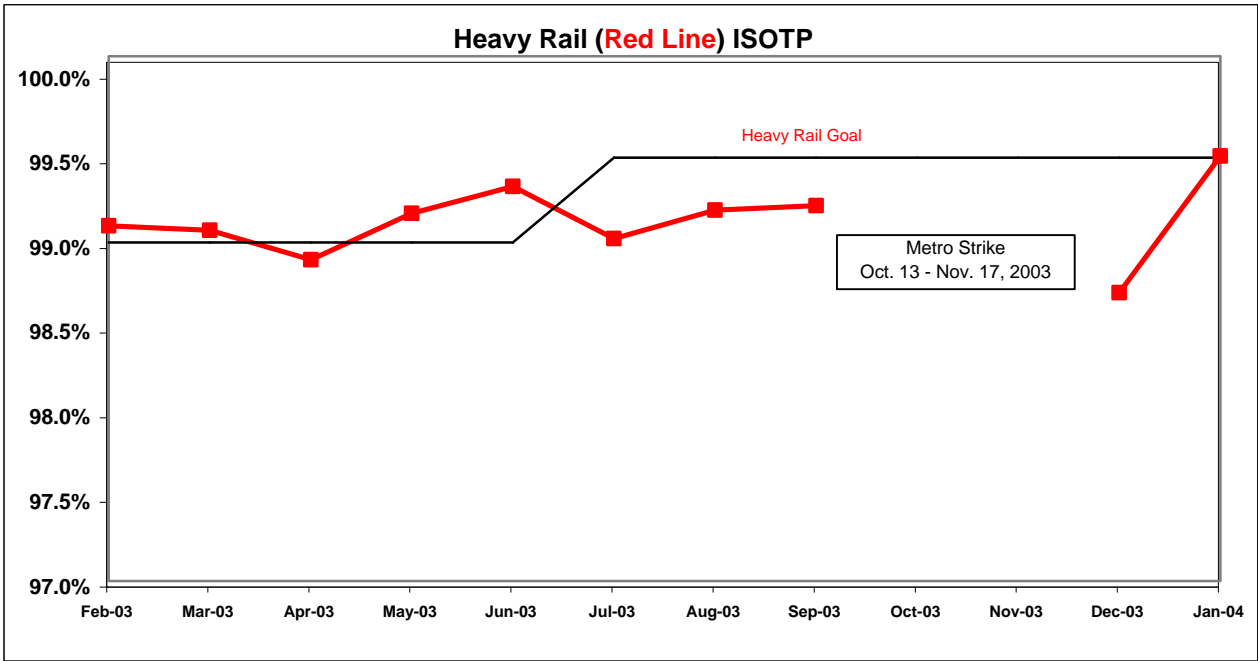
**Calculation:**  $OTP\% = [(100\% - [(Total\ cancelled\ pullouts\ plus\ late\ pullouts) / by\ Total\ scheduled\ pullouts]) \times 100]$



**IN-SERVICE ON-TIME PERFORMANCE**

**Definition:** In-Service On-Time Performance measures the percentage of trains leaving all timecheck points on any run no earlier than thirty seconds, nor later than 5 minutes of the scheduled time. The higher the number, the more reliable the service.

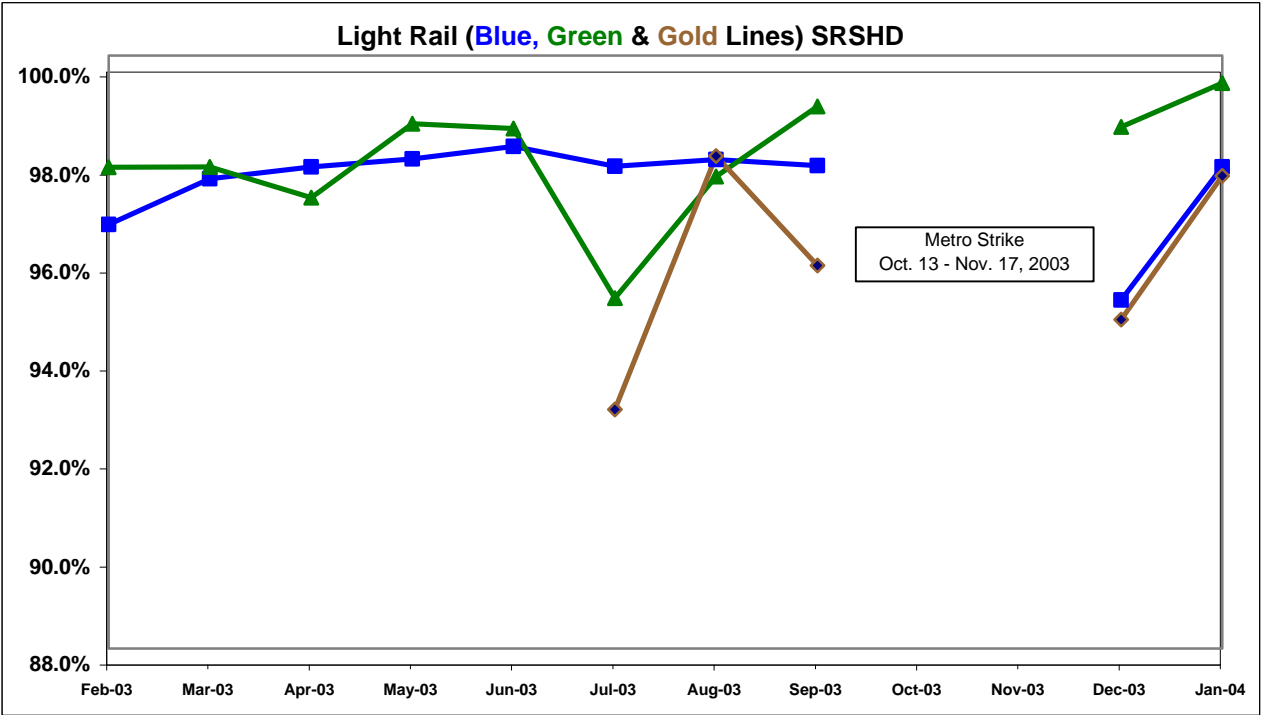
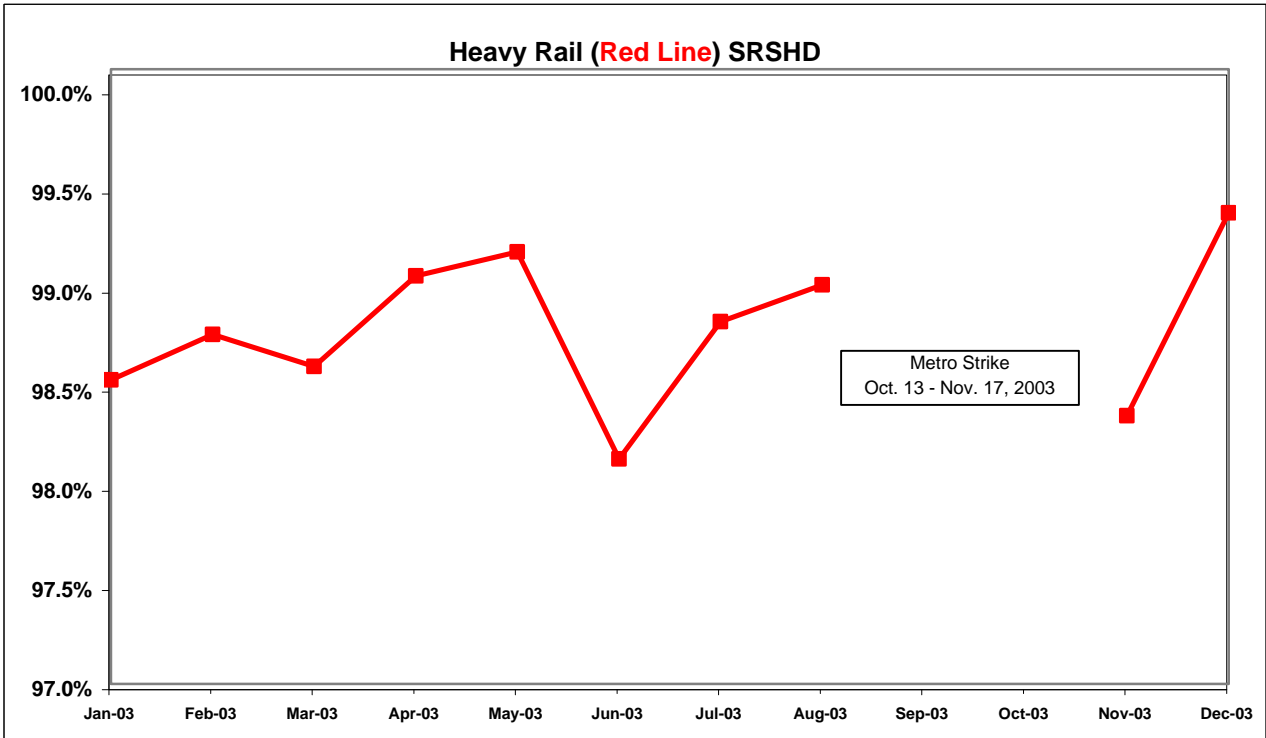
**Calculation:** ISOTP% = [(100% minus [(Total runs in which a train left any timecheck point either late or early) / by Total scheduled runs) X by 100]



**Scheduled Revenue Service Hours Delivered by Rail Line**

**Definition:** This performance indicator measures the percentage of scheduled Revenue Service Hours delivered after subtracting cancellations, outlates and in-service delays.

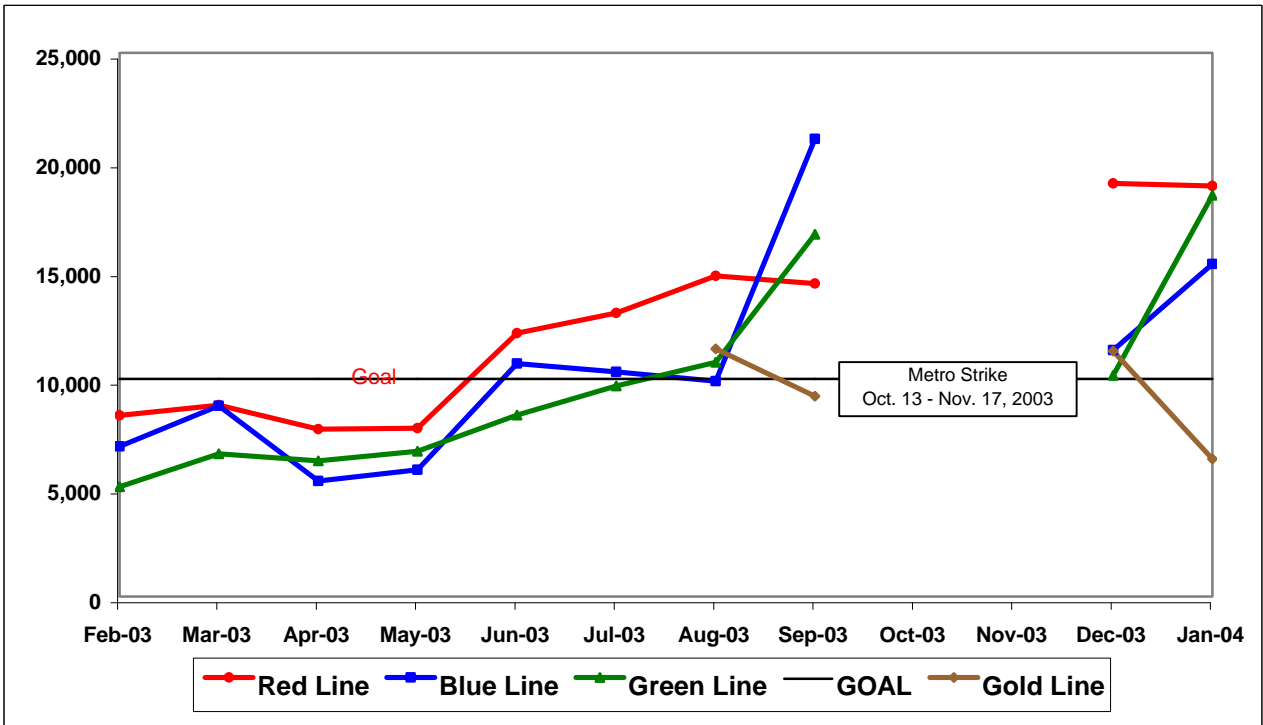
**Calculation:**  $SRS\% = (1 - (\text{Total Service Hours Lost} / \text{Total Scheduled Service Hours}))$



**Mean Miles Between Chargeable Mechanical Failures**

**Definition:** Mean vehicle miles between Revenue Vehicle Failures. NTD defined Revenue Vehicle Failures are vehicle systems failures that occur in revenue service and during deadhead miles in which the vehicle did not complete its scheduled revenue trip or in which the vehicle did not start its next scheduled revenue trip.

**Calculation:**  $MVMBRVF = \text{Total Vehicle Miles} / \text{Revenue Vehicle Systems Failures}$



# BUS SERVICE PERFORMANCE

## IN-SERVICE ON-TIME PERFORMANCE

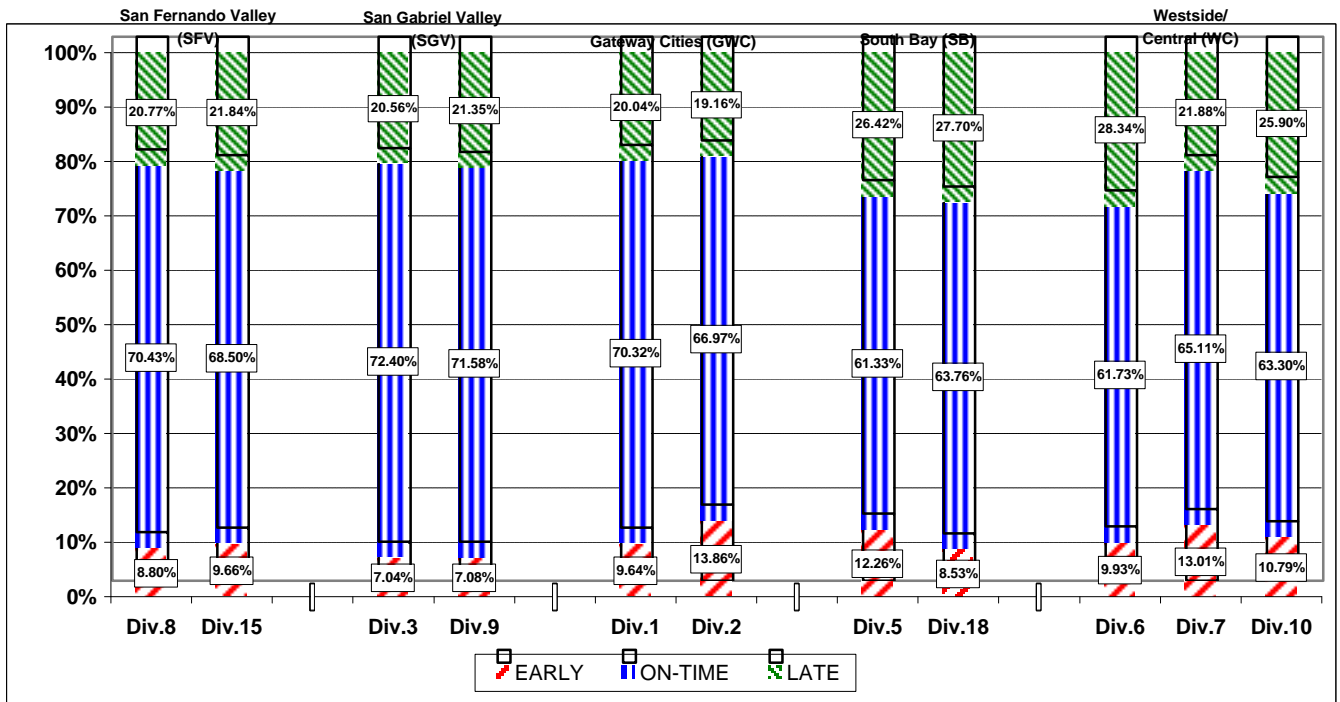
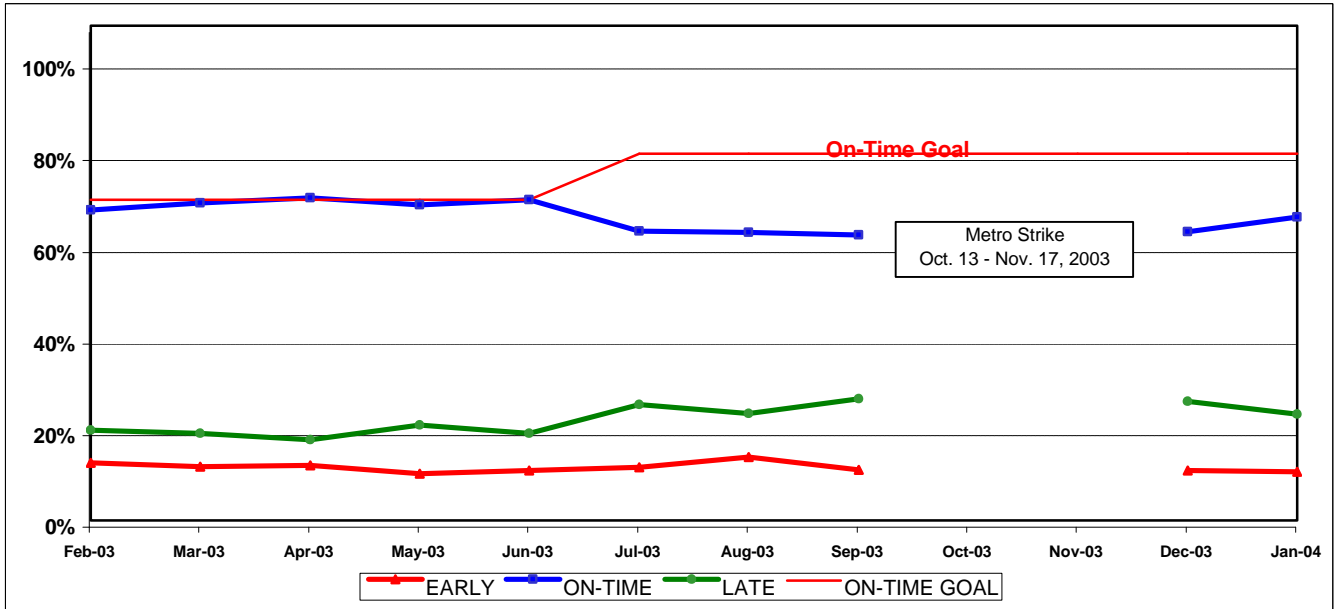
**Definition:** This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

**Calculation:**  $ISOTP\% = 1 - ((\text{Number of buses departing early} + \text{Number of buses departing more than five minutes late}) / (\text{Total buses sampled}))$

### Systemwide Trend

#### Bus Operating Divisions

#### ISOTP - 1 Minute Tolerance for Running Hot



ISOTP By Sectors' Divisions

Year-to-Date Compared To Last Year

	FY03	FY04-YTD	Variance
<b>San Fernando Valley Sector (SFV)</b>			
<b>Division 8</b>			
Early	7.09%	7.97%	0.88%
On-Time	70.09%	68.54%	-1.55%
Late	22.82%	23.49%	0.67%
<b>Division 15</b>			
Early	8.08%	8.81%	0.73%
On-Time	66.13%	66.38%	0.25%
Late	25.78%	24.81%	-0.97%
<b>Gateway Cities Sector (GWC)</b>			
<b>Division 1</b>			
Early	8.49%	8.45%	-0.04%
On-Time	78.22%	68.81%	-9.41%
Late	13.29%	22.73%	9.44%
<b>Division 2</b>			
Early	11.75%	13.28%	1.53%
On-Time	67.53%	65.52%	-2.01%
Late	20.73%	21.20%	0.47%
<b>South Bay Sector (SB)</b>			
<b>Division 5</b>			
Early	12.57%	14.85%	2.28%
On-Time	66.30%	59.80%	-6.50%
Late	21.13%	25.35%	4.22%
<b>Division 18</b>			
Early	10.97%	10.73%	-0.24%
On-Time	61.23%	57.96%	-3.27%
Late	27.80%	31.31%	3.51%

	FY03	FY04-YTD	Variance
<b>San Gabriel Valley Sector (SGV)</b>			
<b>Division 3</b>			
Early	8.47%	9.11%	0.64%
On-Time	71.08%	70.08%	-1.00%
Late	20.45%	20.81%	0.36%
<b>Division 9</b>			
Early	11.47%	10.06%	-1.41%
On-Time	67.47%	64.63%	-2.84%
Late	21.06%	25.31%	4.25%
<b>Westside/Central Sector (WC)</b>			
<b>Division 6</b>			
Early	12.83%	13.95%	1.12%
On-Time	65.93%	60.44%	-5.49%
Late	21.25%	25.61%	4.36%
<b>Division 7</b>			
Early	12.03%	13.99%	1.96%
On-Time	68.80%	63.03%	-5.77%
Late	19.16%	22.99%	3.83%
<b>Division 10</b>			
Early	11.91%	11.64%	-0.27%
On-Time	67.34%	61.84%	-5.50%
Late	20.75%	26.52%	5.77%

<b>SYSTEMWIDE</b>			
Early	10.70%	11.58%	0.88%
On-Time	69.23%	63.73%	-5.50%
Late	20.06%	24.69%	4.63%



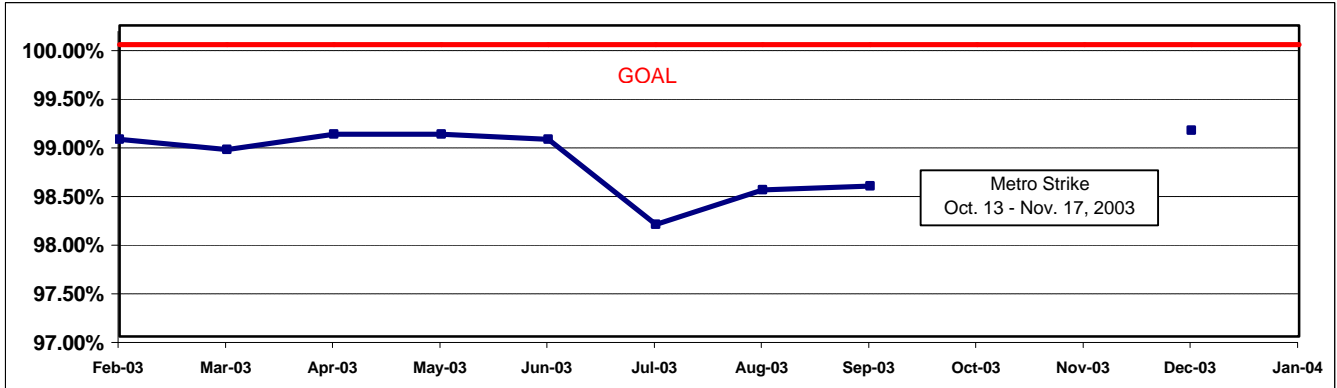
**SCHEDULED REVENUE HOURS DELIVERED\***

**Definition:** This performance indicator measures the percentage of scheduled Revenue Hours delivered after being offset by cancellations, outlates and in-service equipment failures.

**Calculation:** SRHD% = 1 - ((In-Service Delay Revenue Hours plus Cancelled Revenue Hours) divided by (Total Scheduled Service Hours + Temporary Revenue Hours + Hollywood Bowl and Race Track Revenue Hours + In Addition Revenue Hours))

**Systemwide Trend**

\*TRS January data for In-Service Delay Revenue Hours not available



**Performance Year-to-Date Compared To Last Year\***

SRSRD	FY03	FY04-YTD	Variance
<b>San Fernando Valley Sector (SFV)</b>			
Division 8	99.25%		-99.25%
Division 15	98.99%		-98.99%

SRSRD	FY03	FY04-YTD	Variance
<b>San Gabriel Valley Sector (SGV)</b>			
Division 3	99.03%		-99.03%
Division 9	99.44%		-99.44%

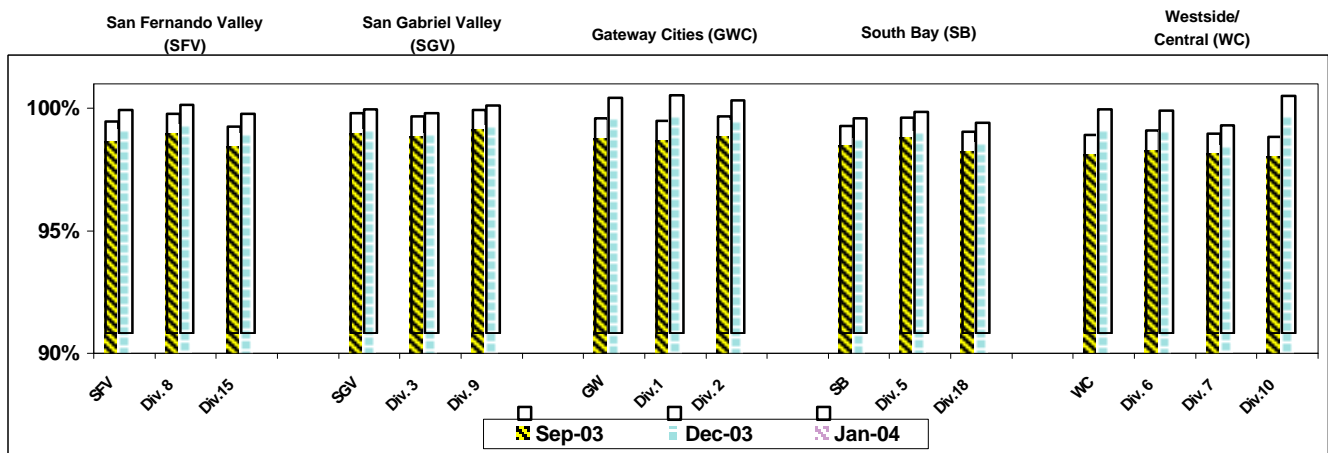
<b>Gateway Cities Sector (GWC)</b>			
Division 1	99.34%		-99.34%
Division 2	99.06%		-99.06%

<b>Westside/Central Sector (WC)</b>			
Division 6	98.97%		-98.97%
Division 7	99.00%		-99.00%
Division 10	98.92%		-98.92%

<b>South Bay Sector (SB)</b>			
Division 5	99.12%		-99.12%
Division 18	98.85%		-98.85%

<b>Systemwide</b>	<b>99.07%</b>		<b>-99.07%</b>
-------------------	---------------	--	----------------

\*TRS January data for In-Service Delay Revenue Hours not available



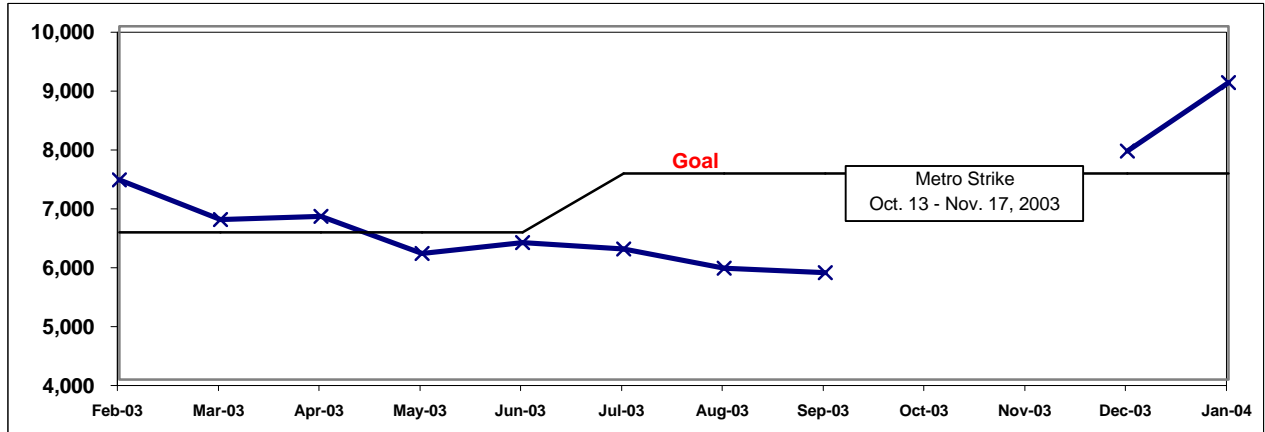
# MAINTENANCE PERFORMANCE

## MEAN MILES BETWEEN CHARGEABLE MECHANICAL FAILURES\*

**Definition:** Average Hub Miles traveled between chargeable mechanical problems that result in a service disruption of greater than ten minutes.

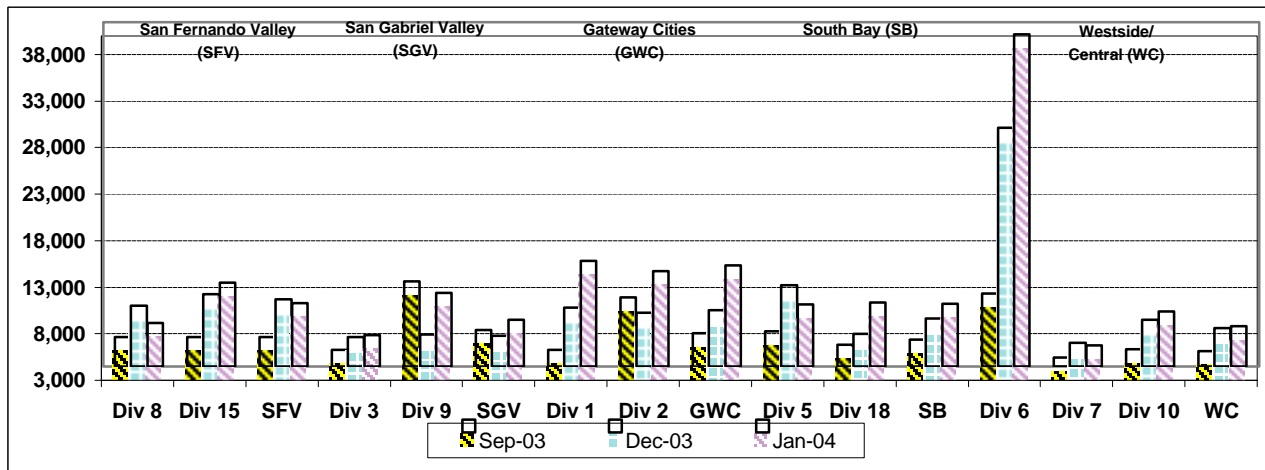
**Calculation:** Mean Miles Between Chargeable Mechanical Failures (MMBCMF) =  
 (Total Hub Miles / by Chargeable Mechanical Related Roadcalls)

### Systemwide Trend

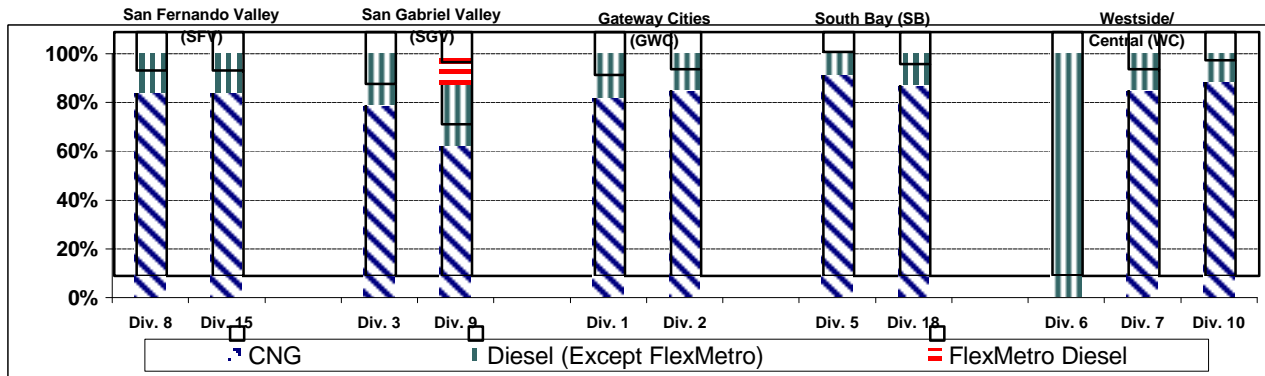


\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

### Bus Operating Sector Divisions September and December 2003, January 2004



### Fleet Mix by Fuel Type



**MAINTENANCE PERFORMANCE - Continued**

**Fleet Mix by Fuel Type Systemwide (MTA and Contract Services)**

	Number of Buses	Percent of Buses
CNG	1,900	75.28%
Diesel (Except FlexMetro)	506	20.05%
FlexMetro Diesel	24	0.95%
Gasoline	60	2.38%
Propane	34	1.35%
<b>Total</b>	<b>2,524</b>	<b>100.00%</b>

**Average Age of Fleet by Sectors' Divisions**

SFV		SGV		GWC		SB	
Div 8	Div 15	Div 3	Div 9	Div 1	Div 2	Div 5	Div 18
6.8	6.1	6.6	6.3	4.1	3.6	3.8	6.7

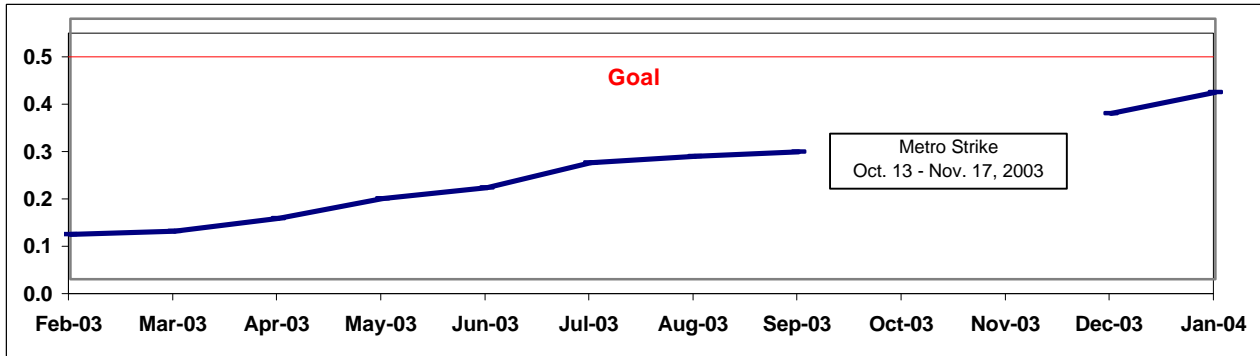
WC		
Div 6	Div 7	Div 10
9.7	4.6	6.0

**PAST DUE CRITICAL PREVENTIVE MAINTENANCE PROGRAM JOBS (PMP's)**

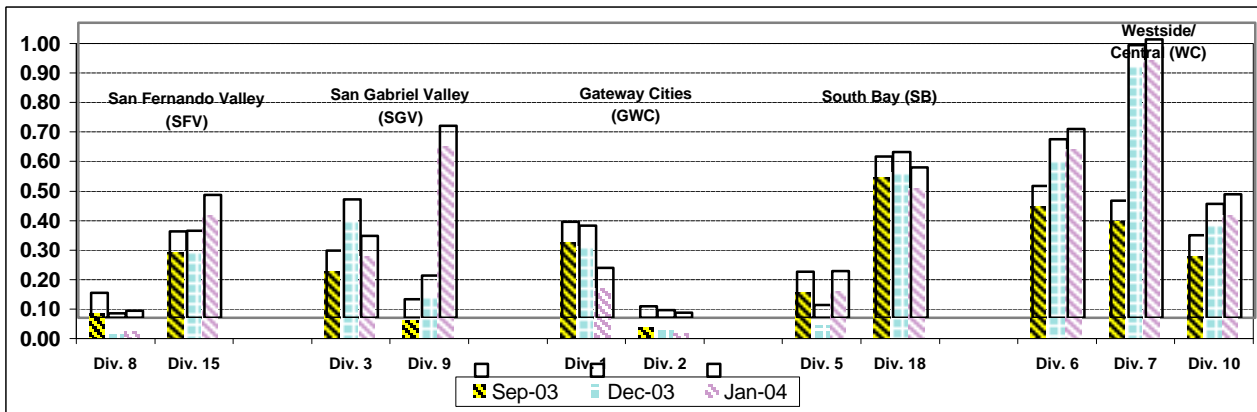
**Definition:** Average past due critical scheduled preventive maintenance jobs per bus. This indicator measures maintenance management's ability to prioritize and perform critical repairs and indicates the general maintenance condition of the fleet.

**Calculation:** Past Due Critical PMP's = (Total Past Due Critical PMP's / by Buses)

**Systemwide Trend**



**Past Due Critical PMPs - by Sectors' Divisions  
September and December 2003, January 2004**

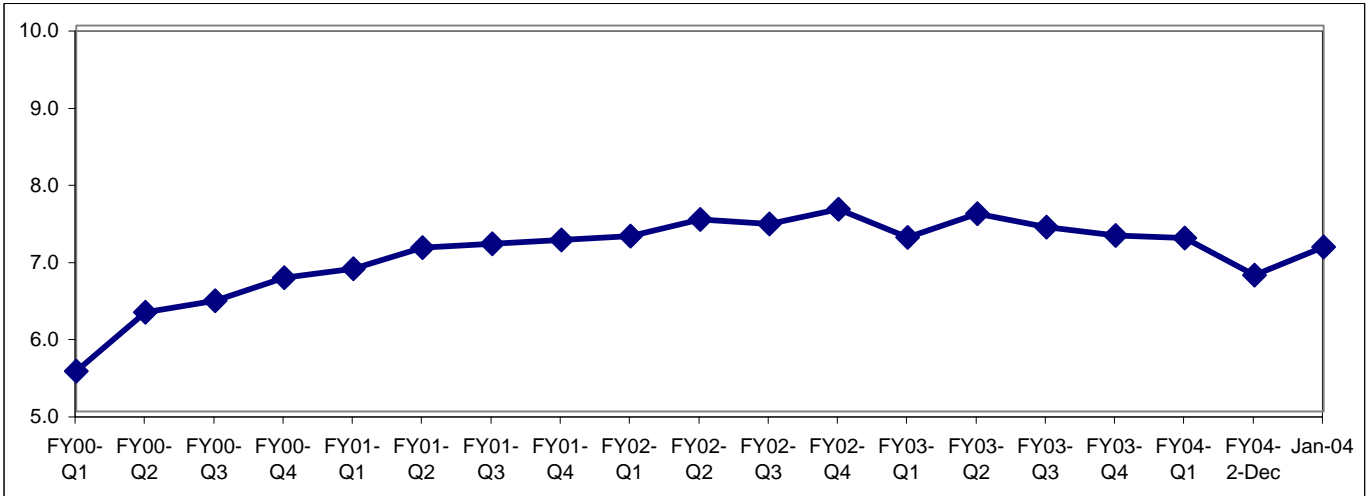


## BUS CLEANLINESS

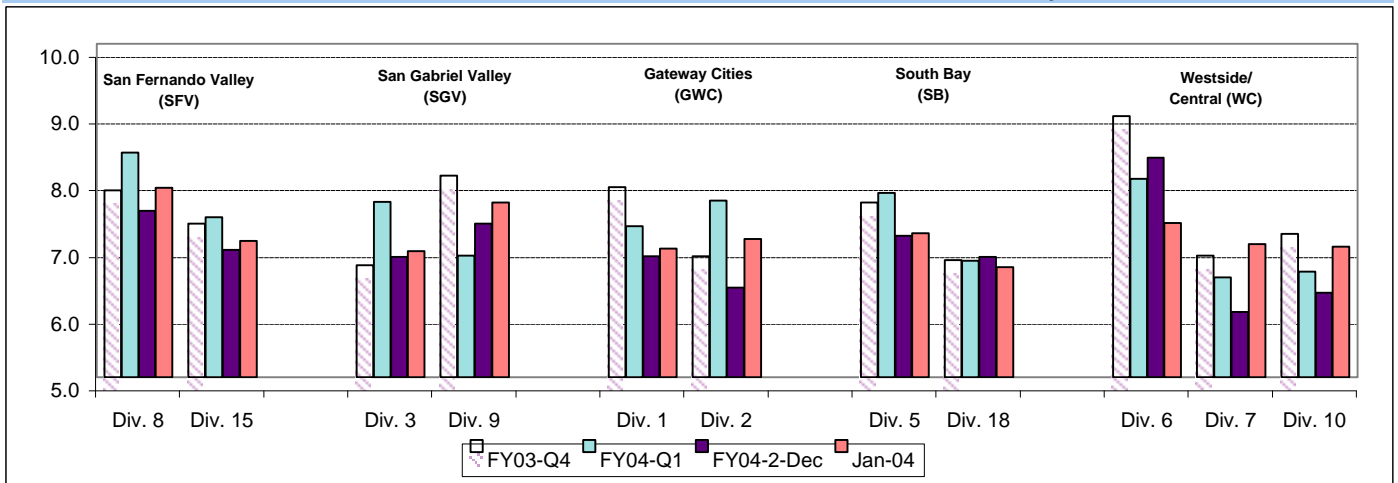
Definition: A team of three Quality Assurance Supervisors rates twenty percent of the fleet at each division and contractor per quarter. Beginning January 2004, they rate the divisions each month. Each of sixteen categories is examined and assigned a point value as follows: 1-3= Unsatisfactory; 4-7=Conditional; 8-10=Satisfactory. The individual item scores are averaged, unweighted, to produce an overall cleanliness rating.

**Calculation:** Overall Cleanliness Rating = (Total Point Accumulated divided by 16)

### Systemwide Trend



### Bus Operating Divisions by Sector Fourth Quarter FY03, First Quarter FY04, December 2003, January 2004



**Analysis:** Overall cleanliness score for Division 9 improved half a point in the second quarter. Overall cleanliness scores for Divisions 10 and 18 remained consistent with the first quarter of FY04. However, Divisions 1, 2, 3, 5, 6, 7, 8 and 15 overall ratings dropped half a point or more.

Scores for the categories of window etching, interior graffiti, exterior graffiti, exterior body condition and front and rear bumper condition were above the 8.0 mark.

**Corrective Action:** Overall improvement is needed in the areas of dashboards, drivers area, transom/ledges, ceilings, seats, windows, sacrificial windows, doors, floors, stepwells and exterior cleanliness.

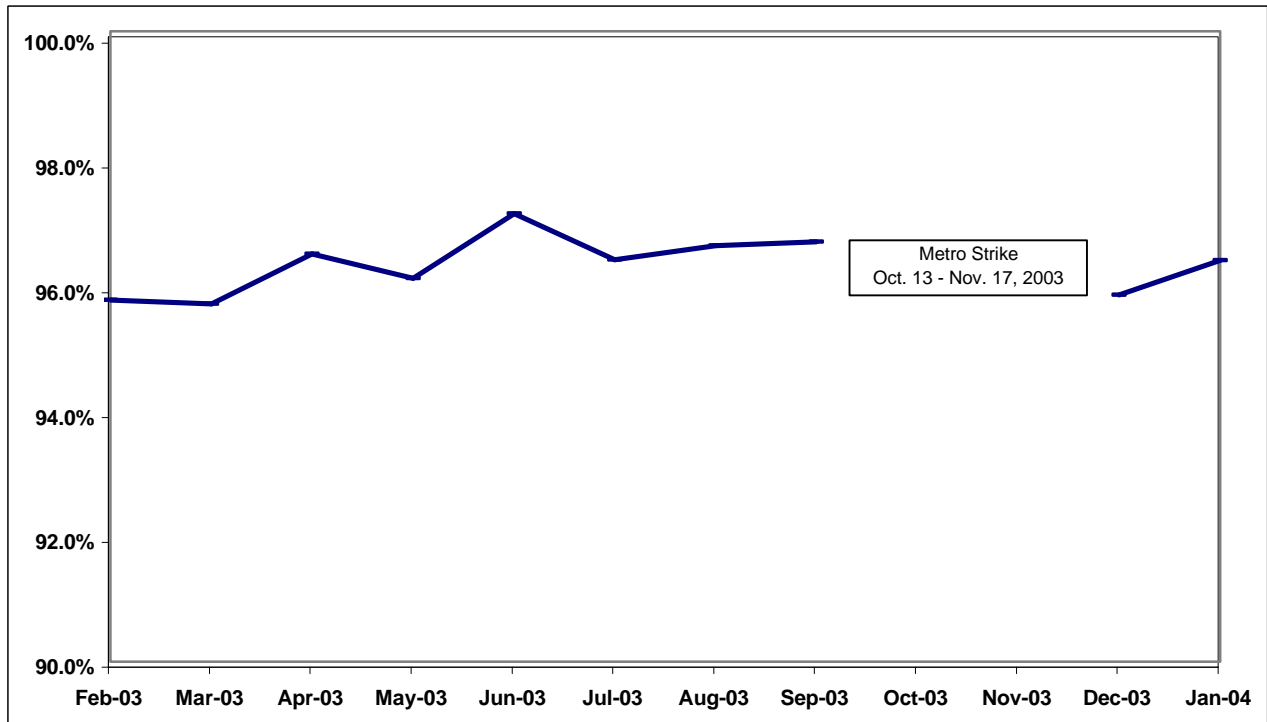
# ATTENDANCE

## MAINTENANCE ATTENDANCE

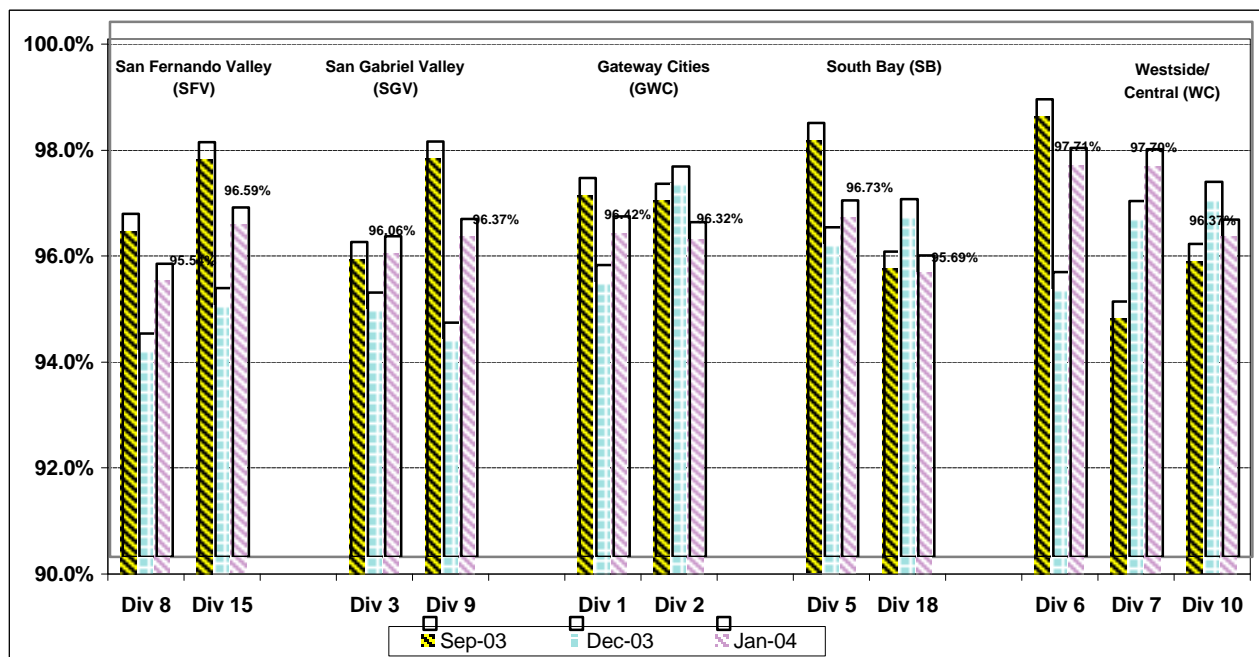
**Definition:** Maintenance Mechanics and Service Attendants - % attendance Monday through Friday for the month.

**Calculation:**  $1 - (\text{FTEs absent} / \text{by the total FTEs assigned})$

### Systemwide Trend



### Maintenance Attendance - By Sectors' Divisions (By Current Month) September and December 2003, January 2004



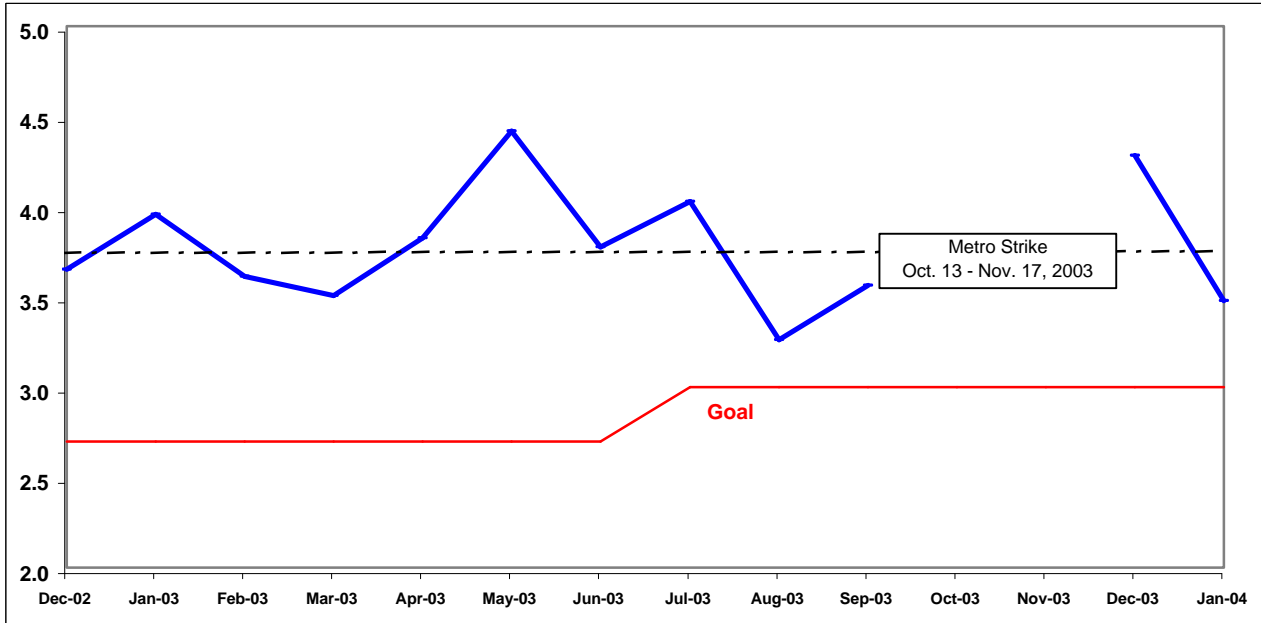
# SAFETY PERFORMANCE

## BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES

**Definition:** Average number of Traffic Accidents for every 100,000 Hub Miles traveled. This indicator measures system safety.

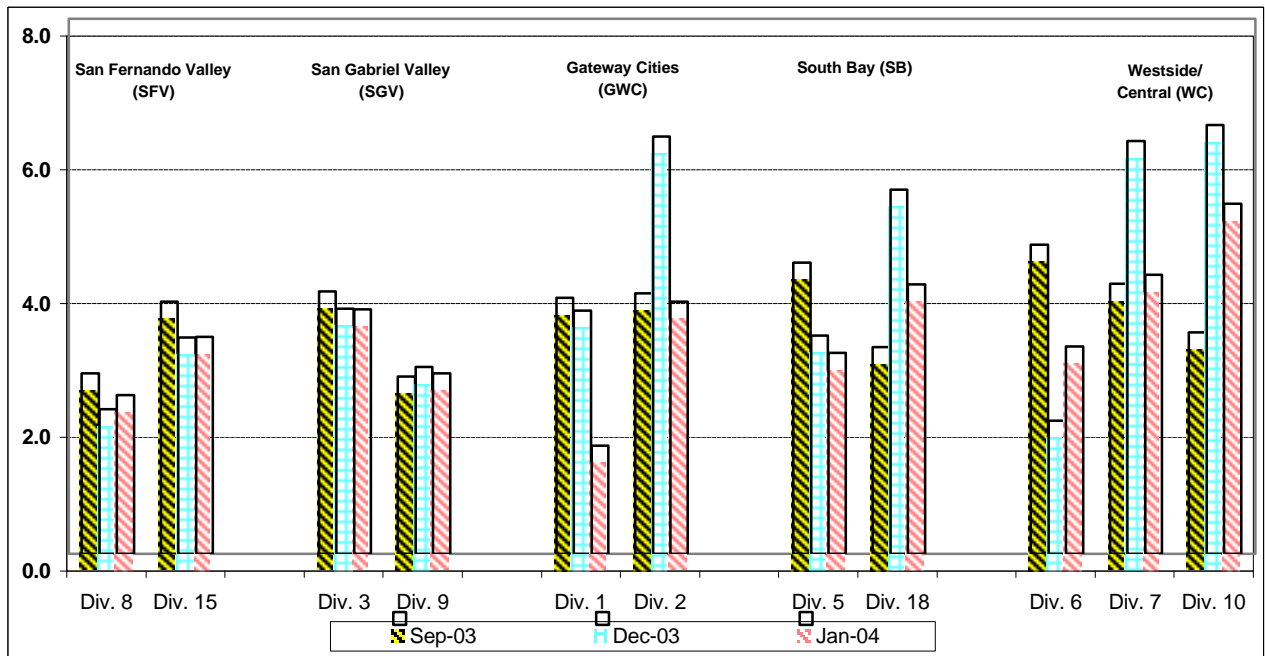
**Calculation:** Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))

### Systemwide Trend



**Note:** The thirteen months prior to the reporting month are re-examined each month to allow for reclassification of accidents and late filing of reports.

### Bus Operating Divisions - by Sectors' Divisions September and December 2003, January 2004

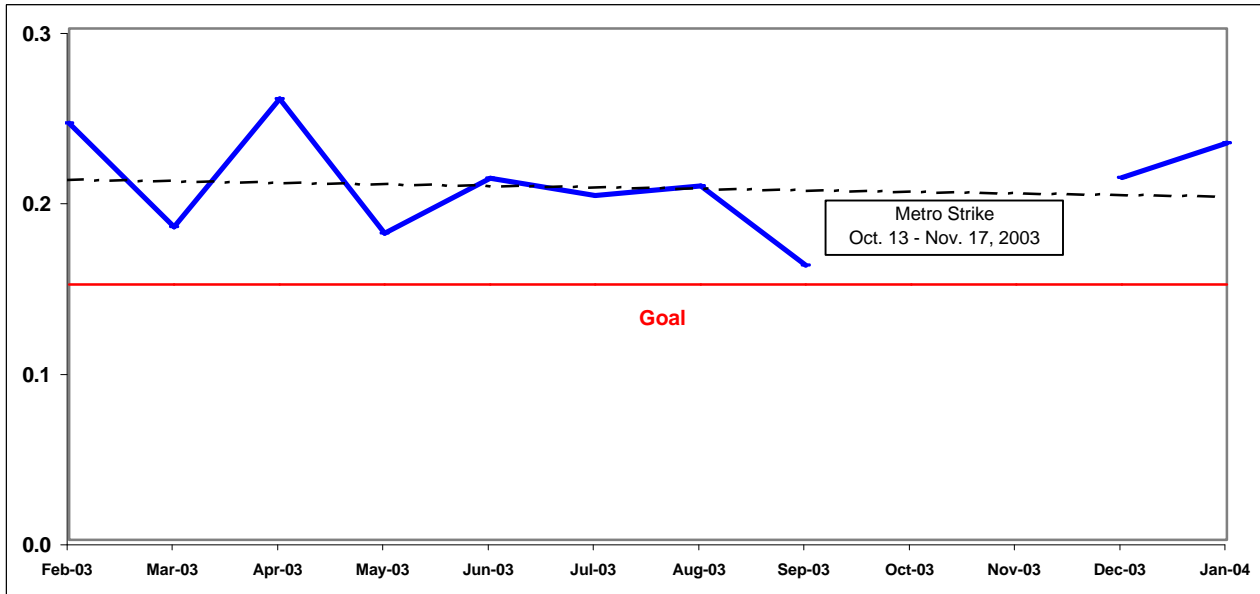


## BUS PASSENGER ACCIDENTS PER 100,000 BOARDINGS\*

**Definition:** Average number of Passenger Accidents for every 100,000 Boardings. This indicator measures system safety.

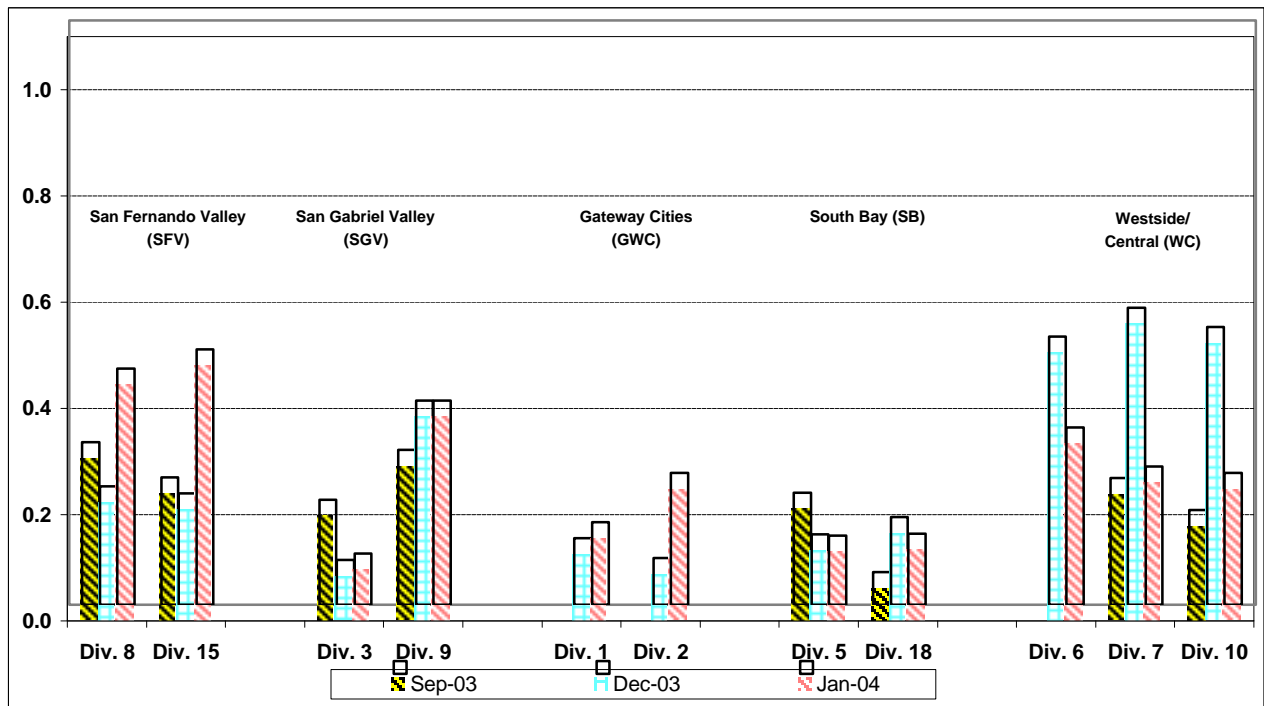
**Calculation:** Passenger Accidents Per 100,000 Boardings = (The number of Pasengers Accidents / by (Boardings / by 100,000))

### Systemwide Trend



Note: The thirteen months prior to the reporting month are re-examined each month to allow for reclassification of accidents and late filing of reports.

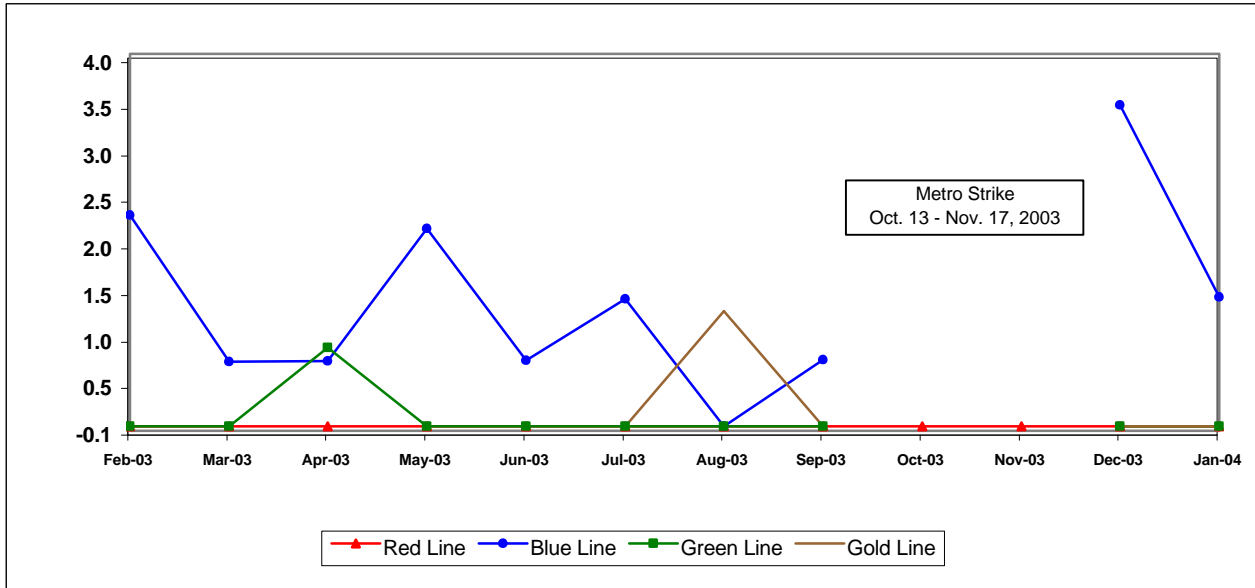
### Bus Operating Divisions - by Sectors' Divisions September and December 2003, January 2004



### RAIL ACCIDENTS PER 100,000 REVENUE TRAIN MILES

**Definition:** Average number of Rail Accidents for every 100,000 Revenue Train Miles traveled. This indicator measures system safety.

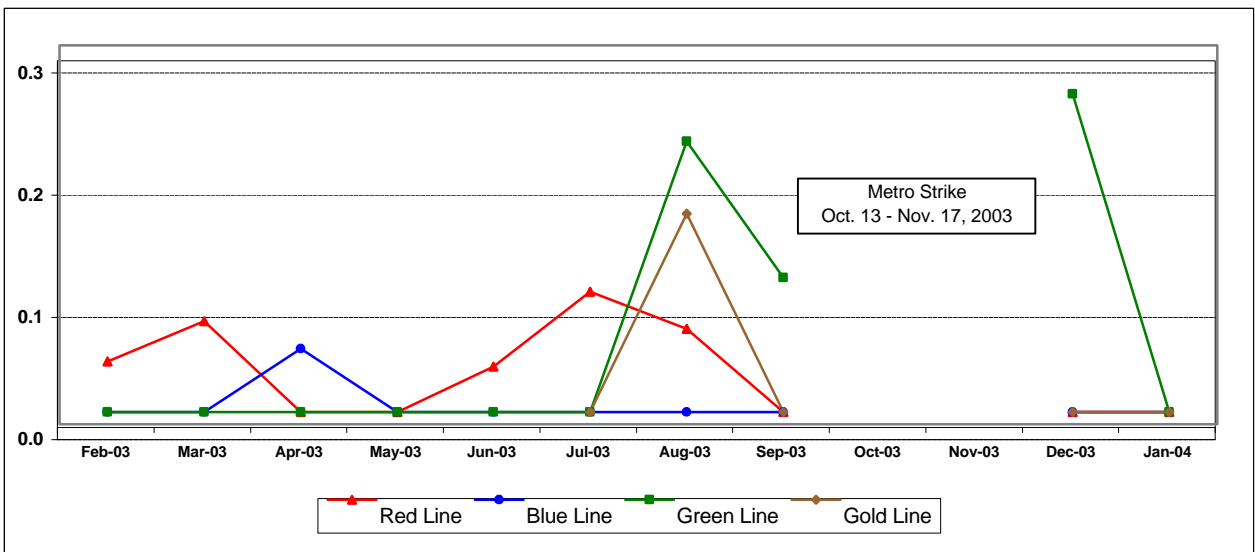
**Calculation:** Rail Accidents Per 100,000 Revenue Train Miles = (The number of Rail Accidents / by (Revenue Train Miles / by 100,000))



### RAIL PASSENGER ACCIDENTS PER 100,000 BOARDINGS\*

**Definition:** Average number of Rail Passenger Accidents for every 100,000 Boardings. This indicator measures system safety.

**Calculation:** Rail Passenger Accidents Per 100,000 Boardings = (The number of Rail Passenger Accidents / by (Train Boardings / by 100,000))





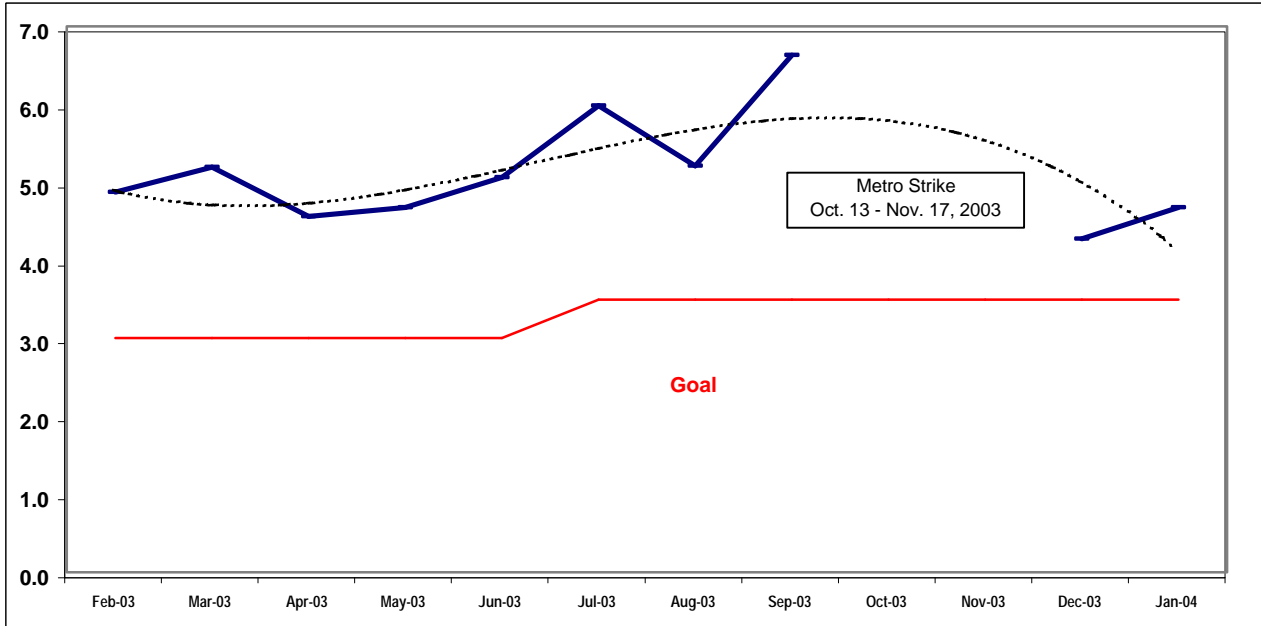
# CUSTOMER SATISFACTION

## COMPLAINTS PER 100,000 BOARDINGS

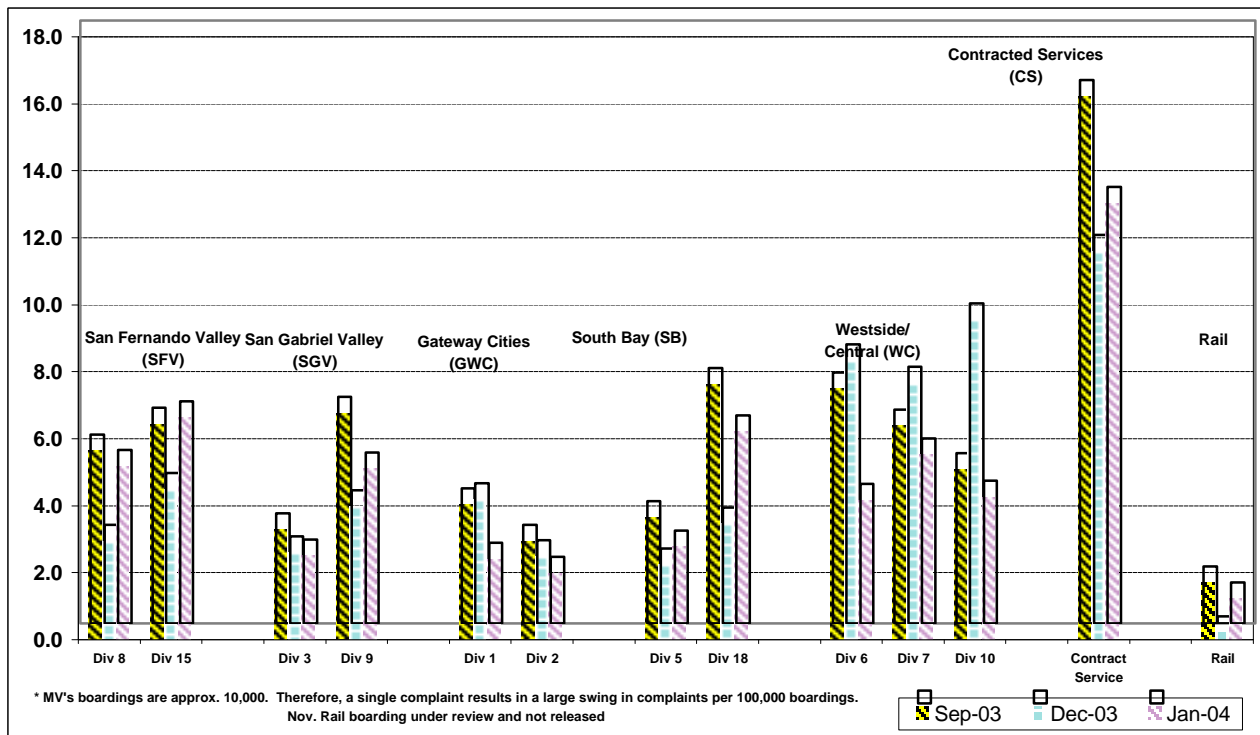
**Definition:** Average number of customer complaints per 100,000 boardings. This indicator measures service quality and customer satisfaction.

**Calculation:** Customer complaints per 100,000 Boardings = Complaints/(Boardings/100,000)

### Systemwide Trend



### Bus Operating Divisions - by Sectors' Divisions September and December 2003, January 2004



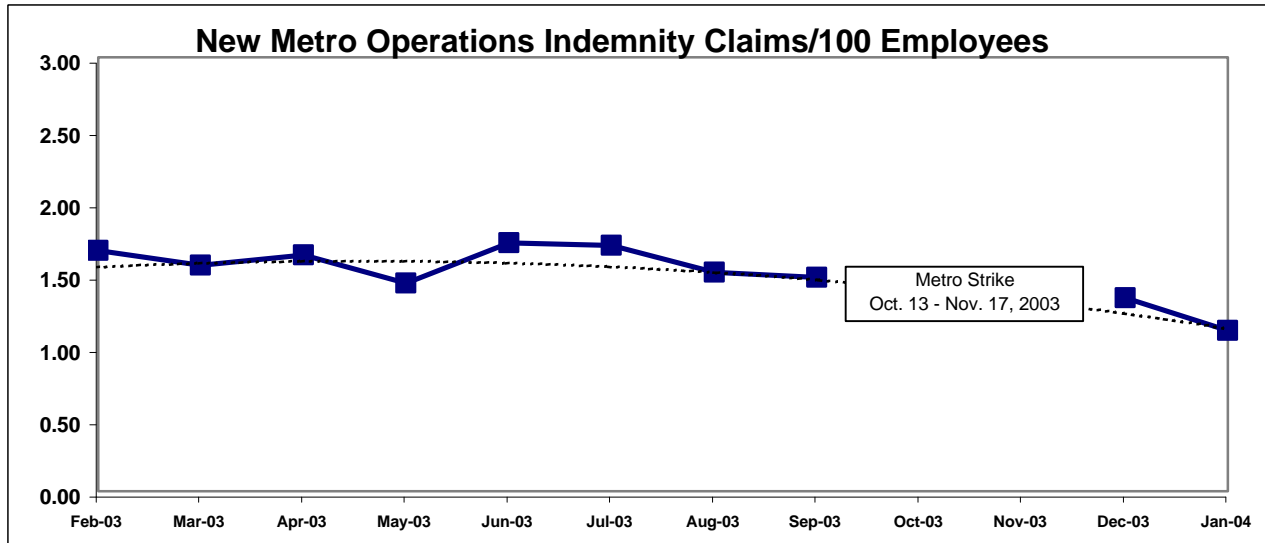
# WORKERS COMPENSATION CLAIMS

## New Workers Compensation Claims per 100 Employees

**Definition:** This indicator measures the total new indemnity claims per 100 Transit Operations employees filed each month (Includes: Transportation, Maintenance, Rail and all Administration).

**Calculation:** Workers Compensation Claims per 100 Employee-Month = Total New Workers Compensation Claims filed by Transit Operations Employees / (Total Transit Operations positions in which there is an incumbent during the month / 100).

### Metro Operations Trend

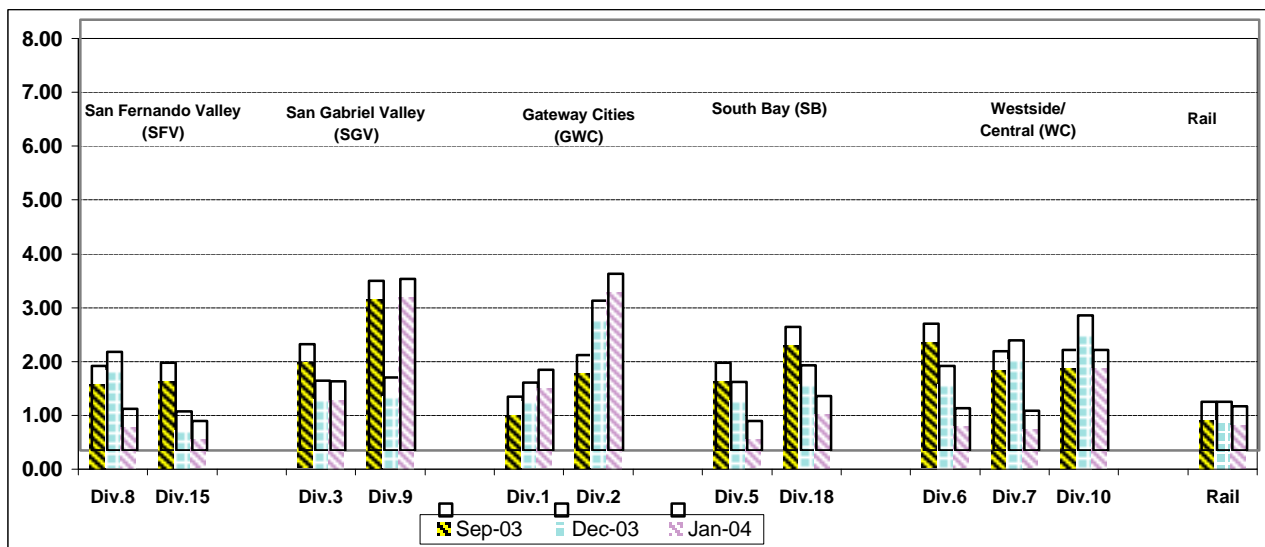


## NEW CLAIMS PER 100 EMPLOYEE-MONTH BY BUS SECTORS' DIVISION & RAIL

**Definition:** This indicator reflects a three-month view of Bus & Rail new indemnity claims per 100 employees in which there is an incumbent each month.

**Calculation:** New workers compensation claims per 100 employees by Division & Rail for three months = Total new workers compensation claims filed by Division & Rail employees / (total positions occupied in the Division & Rail during the month / 100).

### Bus & Rail - by Bus Sectors' Divisions and Rail September and December 2003, January 2004



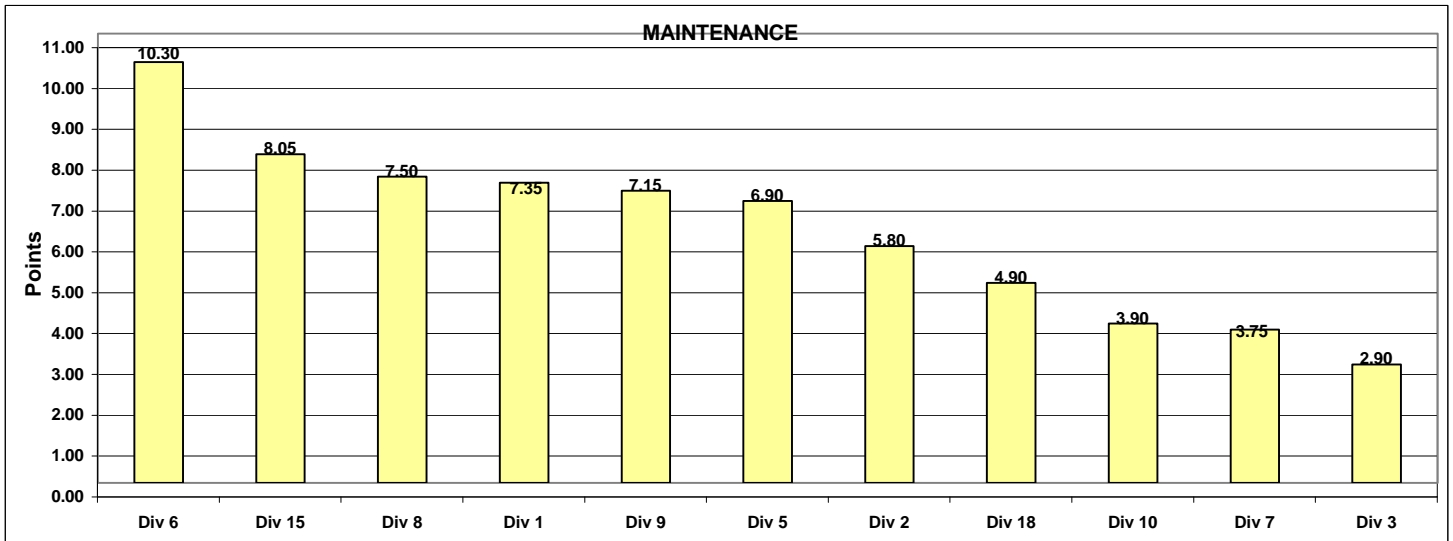
## "HOW YOU DOIN'?" PERFORMANCE INCENTIVE PROGRAM

### Monthly Calculations - January 2004 Metro Bus - Maintenance

**Definition:** A performance awareness program designed to increase productivity and efficiency.

**Calculation:** Performance by Division are ranked from best to worst. A score of 1 to 11 is assigned, with 11 being the best and 1 being the worst. Each score for each performance indicator is then multiplied by the weight assigned to the particular performance indicator and then summed. Summed values are sorted from high to low and the Division with the highest score wins the program award for the month.

Maintenance												
	Weight	Div 1	Div 2	Div 3	Div 5	Div 6	Div 7	Div 8	Div 9	Div 10	Div 15	Div 18
Miles Between Mechanical Failures	25%	14358.1	13250.0	6371.6	9676.7	38660.0	5291.4	7655.7	10885.3	8929.0	11982.4	9844.8
Points		10	9	2	5	11	1	3	7	4	8	6
Attendance	15%	0.96424	0.96316	0.96057	0.96734	0.97714	0.97698	0.95536	0.96373	0.96367	0.96594	0.95690
Points		7	4	3	9	11	10	1	6	5	8	2
New WC Claims /100 Emp	25%	0.0000	3.0000	1.6260	0.7634	0.0000	3.1496	0.0000	1.7699	2.0833	0.0000	0.0000
Points		11	2	5	6	11	1	11	4	3	11	11
Bus Cleanliness	35%	6.933	7.073	6.888	7.156	7.313	6.994	7.844	7.619	6.956	7.044	6.650
Points		3	7	2	8	9	5	11	10	4	6	1
<b>Totals</b>		<b>7.35</b>	<b>5.80</b>	<b>2.90</b>	<b>6.90</b>	<b>10.30</b>	<b>3.75</b>	<b>7.50</b>	<b>7.15</b>	<b>3.90</b>	<b>8.05</b>	<b>4.90</b>
<b>FINAL Maintenance Division Ranking (Sorted)</b>												
<b>RANKING</b>	<b>DIV.</b>	Div 6	Div 15	Div 8	Div 1	Div 9	Div 5	Div 2	Div 18	Div 10	Div 7	Div 3
	<b>Score</b>	10.30	8.05	7.50	7.35	7.15	6.90	5.80	4.90	3.90	3.75	2.90
	<b>Rank</b>	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th

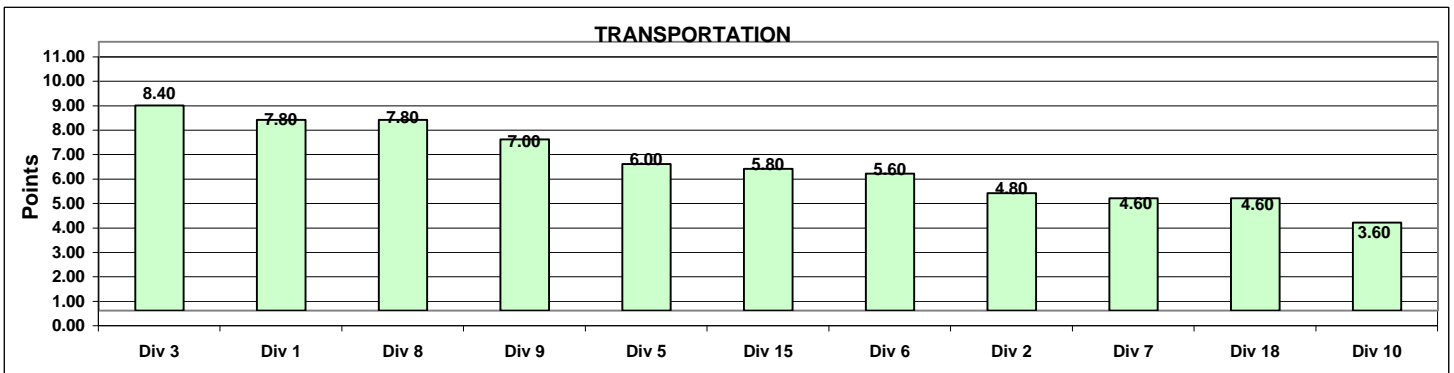


**Monthly Calculations - January 2004**  
**Metro Bus - Transportation**

**Definition:** A performance awareness program designed to increase productivity and efficiency.

**Calculation:** Performance by Division are ranked from best to worst. A score of 1 to 11 is assigned, with 11 being the best and 1 being the worst. Each score for each performance indicator is then multiplied by the weight assigned to the particular performance indicator and then summed. Summed values are sorted from high to low and the Division with the highest score wins the program award for the month.

Transportation												
	Weight	Div 1	Div 2	Div 3	Div 5	Div 6	Div 7	Div 8	Div 9	Div 10	Div 15	Div 18
In-Service On-Time Performance	20%	0.7032	0.6697	0.7240	0.6133	0.6173	0.6511	0.7043	0.7158	0.6330	0.6850	0.6376
Points		8	6	11	1	2	5	9	10	3	7	4
Running Hot	20%	0.0964	0.1386	0.0704	0.1226	0.0993	0.1301	0.0880	0.0708	0.1079	0.0966	0.0853
Points		7	1	11	3	5	2	8	10	4	6	9
Accident Rate	20%	1.6197	3.7736	3.6531	3.0041	3.1040	4.1739	2.3749	2.7020	5.2334	3.2401	4.0280
Points		11	4	5	8	7	2	10	9	1	6	3
Complaints/100K Boardings	20%	2.4072	1.9901	2.4981	2.7721	4.1751	5.5297	5.1826	5.1009	4.2519	6.6354	6.2168
Points		10	11	9	8	7	3	4	5	6	1	2
New WC Claims /100 Emp	20%	1.9893	3.3817	1.1660	0.4741	1.0832	0.0000	1.0512	3.6699	1.7987	0.7248	1.2849
Points		3	2	6	10	7	11	8	1	4	9	5
<b>Totals</b>		<b>7.80</b>	<b>4.80</b>	<b>8.40</b>	<b>6.00</b>	<b>5.60</b>	<b>4.60</b>	<b>7.80</b>	<b>7.00</b>	<b>3.60</b>	<b>5.80</b>	<b>4.60</b>
<b>FINAL RANKING</b>												
	<b>DIV.</b>	Div 3	Div 1	Div 8	Div 9	Div 5	Div 15	Div 6	Div 7	Div 2	Div 18	Div 10
	<b>Score</b>	8.40	7.80	7.80	7.00	6.00	5.80	5.60	4.80	4.60	4.60	3.60
	<b>Rank</b>	1st	2nd	2nd	4th	5th	6th	7th	8th	9th	9th	11th



**Monthly Calculations - January 2004  
Metro Rail**

**Definition:** A performance awareness program designed to increase productivity and efficiency.

**Calculation:** Performance indicators are ranked from best to worst. Performance percentages for various indicators are averaged and outcomes are sorted from high to low. The rail line competes with itself on its own improvement over prior year performance. The percentage score showing best improvement (or least decline) wins the program award for the month.

	Metro Blue Line			Metro Red Line			Metro Green Line			Metro Gold Line		
	Jan-03	Jan-04	Yearly Improvement	Jan-03	Jan-04	Yearly Improvement	Jan-03	Jan-04	Yearly Improvement	Jan-03	Jan-04	Yearly Improvement
<b>Wayside Availability</b>												
Track	99.98%	99.97%	-0.01%	99.99%	99.98%	-0.01%	99.99%	100.00%	0.01%	N.A.	99.81%	N.A.
Signals	99.91%	99.98%	0.07%	99.95%	100.00%	0.05%	99.54%	100.00%	0.46%	N.A.	98.44%	N.A.
Power	99.78%	100.00%	0.22%	99.90%	100.00%	0.10%	99.87%	99.74%	-0.13%	N.A.	100.00%	N.A.
<b>Wayside Performance</b>	<b>99.89%</b>	<b>99.98%</b>	<b>0.09%</b>	<b>99.95%</b>	<b>99.99%</b>	<b>0.05%</b>	<b>99.80%</b>	<b>99.91%</b>	<b>0.11%</b>	N.A.	<b>99.42%</b>	N.A.
<b>Vehicle Availability</b>												
Vehicle Performance	98.46%	99.14%	0.68%	98.96%	99.31%	0.35%	98.50%	99.39%	0.89%	N.A.	98.57%	N.A.
<b>Operator Availability</b>												
Operators	99.80%	99.80%	0.00%	99.76%	99.87%	0.11%	99.75%	99.70%	-0.05%	N.A.	99.54%	N.A.
<b>Service Performance</b>												
ISOTP - Rail	97.92%	99.27%	1.35%	98.56%	99.62%	1.06%	97.66%	99.53%	1.87%	N.A.	98.01%	N.A.
<b>Rail Line Performance</b>	<b>99.02%</b>	<b>99.55%</b>	<b>0.53%</b>	<b>99.31%</b>	<b>99.70%</b>	<b>0.39%</b>	<b>98.93%</b>	<b>99.63%</b>	<b>0.71%</b>	N.A.	<b>98.88%</b>	N.A.

Metro Rail Final Ranking (Sorted)				
Rail Line	GREEN	BLUE	RED	GOLD
Score	0.706%	0.531%	0.392%	N.A.
Rank	1st	2nd	3rd	N.A.

