## METRO OPERATIONS MONTHLY PERFORMANCE REPORT

# JAN 2005



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#### San Fernando Valley Sector Scorecard Overview (SFV)

This sector has two Metro operating divisions, Division 8 in Chatsworth and Division 15 in Sun Valley. The sector is responsible for the operation of approximately 430 Metro buses and 24 Metro Bus lines carrying nearly 54 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* Mean Miles Between Chargeable Mechanical Failures (MMBCMF)
- \* In-Service On-Time Performance
- \* Traffic Accidents per 100,000 Hub
- \* Complaints per 100,000 Boardings
- \* New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours

|   |         |        |        | FY05   | FY05          | Jan.          |            |
|---|---------|--------|--------|--------|---------------|---------------|------------|
| Measurement   | FY02    | FY03   | FY04   | Target | YTD           | Month         | Status     |
| Bus Systemwide  |         |        |        |        |               |               |            |
| Mean Miles Between Chargeable<br>Mechanical Failures (MMBCMF)*                            | 5,796   | 6,883  | 7,417  | 7,500  | 7,179         | 7,188         | $\diamond$ |
| In-Service On-time Performance  | 64.88%  | 69.23% | 65.43% | 70%    | 66.34%        | 65.66%        | $\diamond$ |
| Bus Traffic Accidents Per 100,000 Miles   | 3.91    | 3.86   | 3.65   | 3.50   | 3.40          | 3.33          | ightarrow  |
| Complaints per 100,000 Boardings  | 3.54    | 4.23   | 4.51   | 3.50   | 4.82          | 4.68          | $\diamond$ |
| New Workers' Compensation<br>IndemnityClaims per 200,000 Exposure<br>Hours (1 month lag)  | 23.99   | 17.80  | 17.64  | 16.76  | Dec.<br>14.40 | Dec.<br>9.33  |            |
| SFV Sector  |         |        |        |        |               |               |            |
| MMBCMF**  | 4,646   | 8,616  | 8,648  | 8,000  | 9,871         | 10,506        | $\bigcirc$ |
| In-Service On-time Performance  |         | 67.30% | 67.47% | 70%    | 69.27%        | 65.94%        | $\diamond$ |
| Bus Traffic Accidents Per 100,000 Miles   | 3.09    | 2.91   | 2.99   | 3.00   | 2.59          | 2.53          | ightarrow  |
| Complaints per 100,000 Boardings  | 3.43    | 6.32   | 5.45   | 4.50   | 4.57          | 4.52          | $\diamond$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 22.8    | 16.72  | 15.15  | 14.50  | Dec.<br>16.62 | Dec.<br>8.96  | $\diamond$ |
| Division 8  |         |        |        |        |               |               |            |
| MMBCMF*   | 5,775   | 9,177  | 8,183  | 8,000  | 10,238        | 9,410         | $\bigcirc$ |
| In-Service On-time Performance  | 67.88%  | 70.09% | 69.12% | 70%    | 70.40%        | 66.71%        | $\bigcirc$ |
| Bus Traffic Accidents Per 100,000 Miles   | 3.22    | 2.84   | 2.75   | 3.00   | 2.25          | 1.41          | ightarrow  |
| Complaints per 100,000 Boardings  | 3.16    | 6.87   | 5.09   | 4.50   | 4.44          | 3.73          | $\diamond$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 20.36** | 20.92  | 19.15  | 14.50  | Dec.<br>18.15 | Dec.<br>13.51 |            |
| Division 15   |         |        |        |        |               |               |            |
| MMBCMF*   | 4,514   | 8,260  | 9,013  | 8,000  | 9,593         | 11,516        | 0          |
| In-Service On-time Performance  | 62.51%  | 66.13% | 66.62% | 70%    | 68.64%        | 65.54%        | 0          |
| Bus Traffic Accidents Per 100,000 Miles   | 3.01    | 2.96   | 3.17   | 3.00   | 2.88          | 3.38          | 0          |
| Complaints per 100,000 Boardings  | 3.58    | 6.01   | 5.70   | 4.50   | 4.66          | 5.09          | $\diamond$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 19.15** | 16.23  | 13.14  | 14.50  | Dec.<br>15.65 | Dec.<br>4.12  | $\diamond$ |

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

\*\*Jan - June, 2002

Green - High probability of achieving the FY05 target (on track).

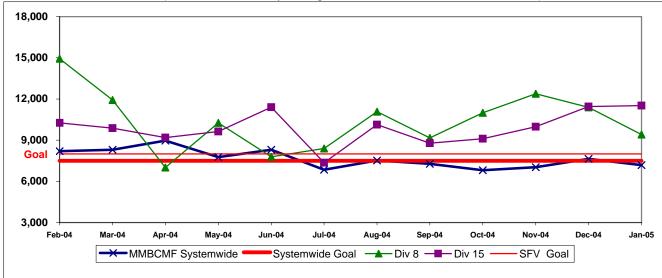
Yellow - Uncertain if the FY05 target will be achieved -- slight problems, delays or management issues.

Red - High probability that the FY05 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.



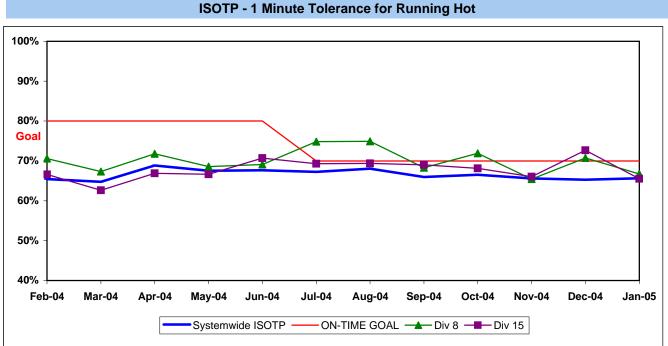
**Calculation:** MMBCMF = (Total Hub Miles / by Chargeable Mechanical Related Roadcalls)

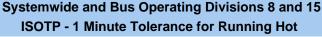
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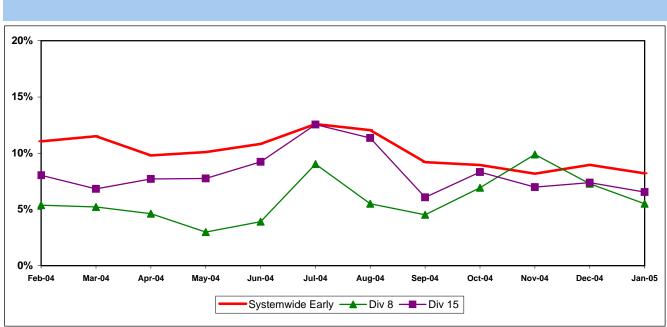
#### **IN-SERVICE ON-TIME PERFORMANCE**

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))





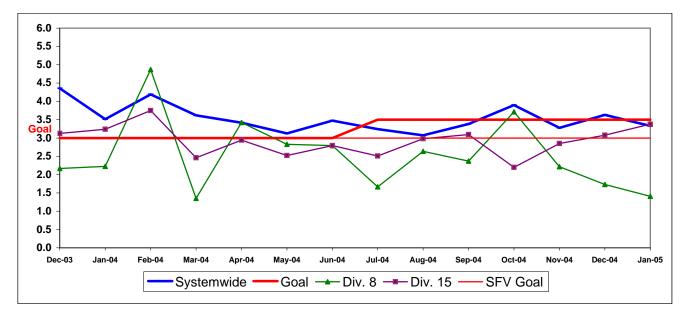


Running Hot - Systemwide and Bus Operating Divisions 8 and 15

#### 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))

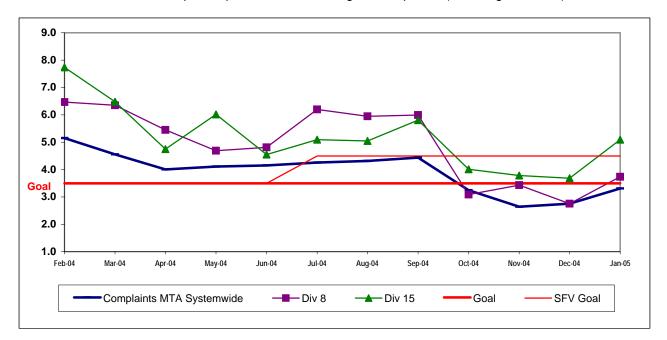


#### COMPLAINTS PER 100,000 BOARDINGS

#### 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)

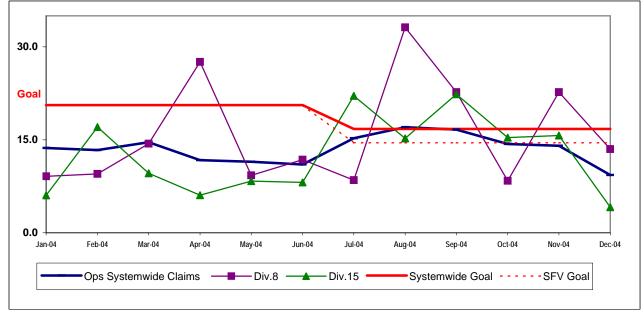


#### NEW WORKERS' COMPENSATION INDEMNITY CLAIMS FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 8 and 15

**Definition:** Average number of new workers compensation indemnity claims filed per 200,000 exposure hours. Indemnity – requires an overnight hospital stay or involves more than 3 calendar days of lost time. This indicator measures safety.

**Calculation:** New workers' compensation indemnity claims filed per 200,000 Exposure Hours = New Claims/(Exposure Hours/200,000)

One month lag in reporting.



#### San Gabriel Valley Sector Scorecard Overview (SGV)

This sector has two Metro operating divisions, Division 3 Cypress Park and Division 9 in El Monte. The sector is responsible for the operation of approximately 415 Metro buses and 28 Metro Bus lines carrying over 64.5 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* Mean Miles Between Chargeable Mechanical Failures (MMBCMF)
- \* In-Service On-Time Performance
- \* Traffic Accidents per 100,000 Hub
- \* Complaints per 100,000 Boardings
- \* New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours

| Measurement   | FY02    | FY03   | FY04   | FY05<br>Target | FY05<br>YTD   | Jan.<br>Month | Status     |
|---|---------|--------|--------|----------------|---------------|---------------|------------|
| Bus Systemwide  |         |        |        |                |               |               |            |
| Mean Miles Between Chargeable<br>Mechanical Failures (MMBCMF)*                            | 5,796   | 6,883  | 7,417  | 7,500          | 7,179         | 7,188         | $\diamond$ |
| In-Service On-time Performance  | 64.88%  | 69.23% | 65.43% | 70%            | 66.34%        | 65.66%        | $\diamond$ |
| Bus Traffic Accidents Per 100,000 Miles   | 3.91    | 3.86   | 3.65   | 3.50           | 3.40          | 3.33          | $\bigcirc$ |
| Complaints per 100,000 Boardings  | 3.54    | 4.23   | 4.51   | 3.50           | 4.82          | 4.68          | $\diamond$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 23.99   | 17.80  | 17.64  | 16.76          | Dec.<br>14.40 | Dec.<br>9.33  |            |
| SGV Sector  |         |        |        |                |               |               |            |
| MMBCMF*   | 6,708   | 7,696  | 7,570  | 9,000          | 6,938         | 7,518         | $\diamond$ |
| In-Service On-time Performance  |         | 70.02% | 69.98% | 70%            | 70.14%        | 69.61%        | $\bigcirc$ |
| Bus Traffic Accidents Per 100,000 Miles   | 3.23    | 3.40   | 2.91   | 3.00           | 2.78          | 2.77          | ightarrow  |
| Complaints per 100,000 Boardings  | 3.13    | 3.57   | 3.80   | 3.25           | 2.91          | 3.45          | $\bigcirc$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 27.80   | 23.15  | 16.12  | 14.00          | Dec.<br>9.94  | Dec.<br>9.19  | ightarrow  |
| Division 3  |         |        |        |                |               |               |            |
| MMBCMF*   | 5,538   | 5,726  | 6,564  | 9,000          | 5,998         | 6,179         |            |
| In-Service On-time Performance  | 68.70%  | 71.08% | 70.80% | 70%            | 70.36%        | 70.26%        | $\bigcirc$ |
| Bus Traffic Accidents Per 100,000 Miles   | 3.96    | 4.22   | 3.59   | 3.00           | 3.41          | 3.24          | $\diamond$ |
| Complaints per 100,000 Boardings  | 2.61    | 3.09   | 3.02   | 3.25           | 2.62          | 3.08          | $\bigcirc$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 38.36** | 21.54  | 12.36  | 14.00          | Dec.<br>3.63  | Dec.<br>4.67  | •          |
| Division 9  |         |        |        |                |               |               |            |
| MMBCMF*   | 8,336   | 11,322 | 8,874  | 9,000          | 8,094         | 9,284         | $\diamond$ |
| In-Service On-time Performance  | 64.56%  | 67.47% | 68.16% | 70%            | 69.78%        | 67.88%        | $\bigcirc$ |
| Bus Traffic Accidents Per 100,000 Miles   | 2.56    | 2.64   | 2.26   | 3.00           | 2.20          | 2.37          | 0          |
| Complaints per 100,000 Boardings  | 3.90    | 4.31   | 5.09   | 3.25           | 3.60          | 3.94          | $\diamond$ |
| New Workers' Compensation<br>IndemnityClaims per 200,000 Exposure<br>Hours (1 month lag)  | 33.14** | 28.54  | 20.75  | 14.00          | Dec.<br>17.51 | Dec.<br>14.76 | <b></b>    |

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

\*\*Jan - June, 2002 Green - High probability of achieving the FY05 target (on track).

Vellow - Uncertain if the FY05 target will be achieved -- slight problems, delays or management issues.

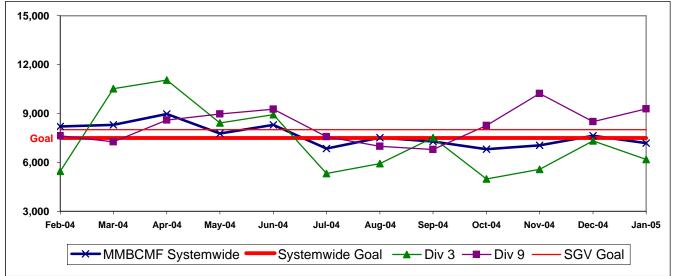
Red - High probability that the FY05 target will not be achieved -- significant problems and/or delays.

#### 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)

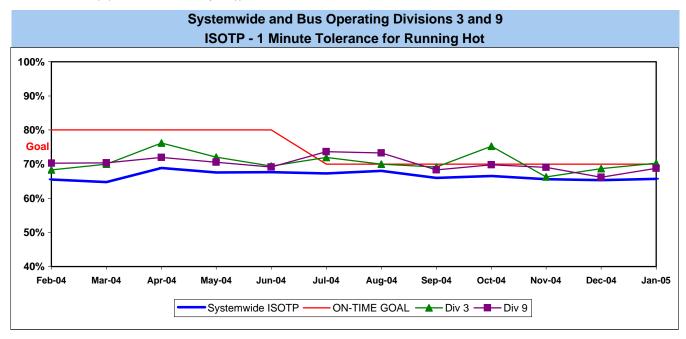


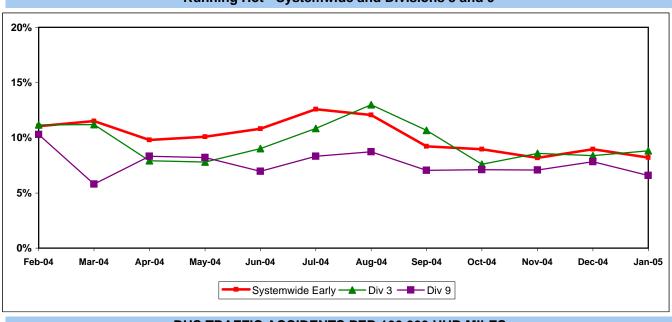
\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

#### 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))



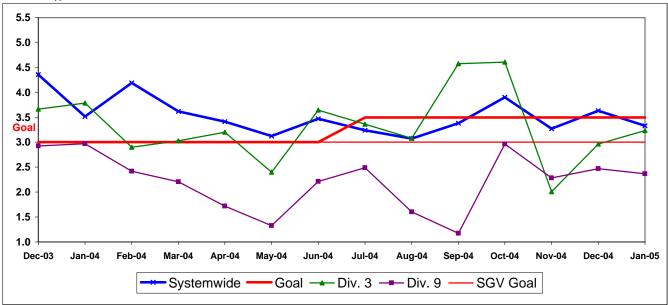


#### SGV SECTOR BUS SERVICE PERFORMANCE - Continued Running Hot - Systemwide and Divisions 3 and 9

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))

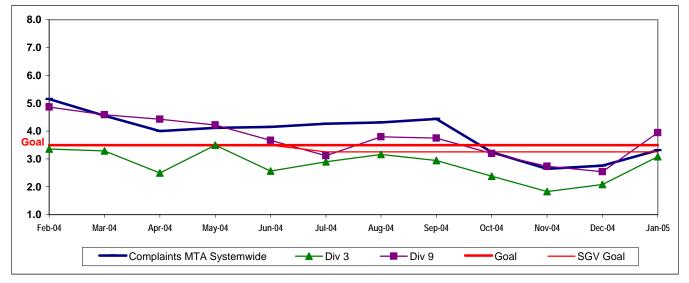


# SGV SECTOR BUS SERVICE PERFORMANCE - Continued COMPLAINTS PER 100,000 BOARDINGS

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)

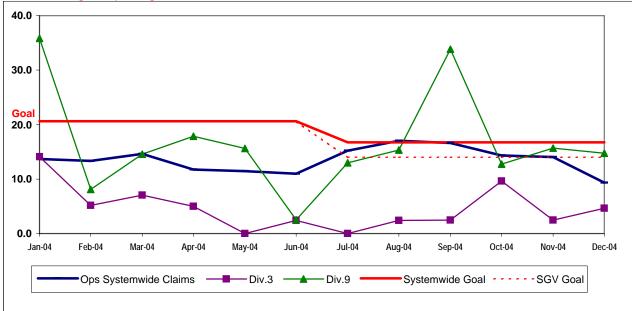


#### NEW WORKERS' COMPENSATION INDEMNITY CLAIMS FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 3 and 9

**Definition:** Average number of new workers compensation indemnity claims filed per 200,000 exposure hours. Indemnity – requires an overnight hospital stay or involves more than 3 calendar days of lost time. This indicator measures safety.

**Calculation:** New workers' compensation indemnity claims filed per 200,000 Exposure Hours = New Claims/(Exposure Hours/200,000)

One month lag in reporting.



#### Gateway Cities Sector Scorecard Overview (GC)

This sector has two Metro 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 395 Metro buses and 22 Metro Bus lines carrying nearly 59.8 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* Mean Miles Between Chargeable Mechanical Failures (MMBCMF)
- \* In-Service On-Time Performance
- \* Traffic Accidents per 100,000 Hub
- \* Complaints per 100,000 Boardings
- \* New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours

|   |         |        |        | FY05   | FY05          |               |            |
|---|---------|--------|--------|--------|---------------|---------------|------------|
| Measurement   | FY02    | FY03   | FY04   | Target | YTD           | Jan. Month    | Status     |
| Bus Systemwide  |         |        |        |        |               |               |            |
| Mean Miles Between Chargeable Mechanica<br>Failures (MMBCMF)*                             | 5,796   | 6,883  | 7,417  | 7,500  | 7,179         | 7,188         | $\diamond$ |
| In-Service On-time Performance  | 64.88%  | 69.23% | 65.43% | 70%    | 66.34%        | 65.66%        | $\diamond$ |
| Bus Traffic Accidents Per 100,000 Miles   | 3.91    | 3.86   | 3.65   | 3.50   | 3.40          | 3.33          | ightarrow  |
| Complaints per 100,000 Boardings  | 3.54    | 4.23   | 4.51   | 3.50   | 4.82          | 4.68          | $\diamond$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (f<br>month lag) | 23.99   | 17.80  | 17.64  | 16.76  | Dec.<br>14.40 | Dec.<br>9.33  |            |
| GC Sector   |         |        |        |        |               |               |            |
| MMBCMF*   | 6,726   | 7,800  | 8,781  | 8,250  | 5,392         | 4,775         |            |
| In-Service On-time Performance  |         | 74.53% | 69.34% | 70%    | 70.90%        | 70.05%        | $\bigcirc$ |
| Bus Traffic Accidents Per 100,000 Miles   | 4.49    | 4.07   | 3.86   | 3.50   | 4.17          | 3.97          | $\diamond$ |
| Complaints per 100,000 Boardings  | 2.07    | 2.63   | 3.08   | 3.00   | 2.43          | 2.30          | $\bigcirc$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 43.20   | 25.30  | 20.19  | 19.18  | Dec.<br>14.75 | Dec.<br>7.01  | ightarrow  |
| Division 1  |         |        |        |        |               |               |            |
| MMBCMF*   | 8,510   | 9,863  | 8,232  | 8,250  | 4,826         | 4,298         |            |
| In-Service On-time Performance  | 74.95%  | 78.22% | 70.57% | 70%    | 71.11%        | 71.01%        | $\bigcirc$ |
| Bus Traffic Accidents Per 100,000 Miles   | 4.51    | 3.39   | 3.41   | 3.50   | 4.17          | 3.65          | $\diamond$ |
| Complaints per 100,000 Boardings  | 1.76    | 2.26   | 3.32   | 3.00   | 2.77          | 2.67          | $\bigcirc$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 45.91** | 20.42  | 16.82  | 19.18  | Dec.<br>13.23 | Dec.<br>4.21  | ightarrow  |
| Division 2  |         |        |        |        |               |               |            |
| MMBCMF*   | 5,514   | 6,398  | 9,496  | 8,250  | 6,383         | 5,760         | $\diamond$ |
| In-Service On-time Performance  | 63.01%  | 67.53% | 67.62% | 70%    | 70.54%        | 67.88%        | Ó          |
| Bus Traffic Accidents Per 100,000 Miles   | 4.48    | 4.78   | 4.36   | 3.50   | 4.17          | 4.46          | $\diamond$ |
| Complaints per 100,000 Boardings  | 2.38    | 3.07   | 2.84   | 3.00   | 2.02          | 1.77          | $\bigcirc$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 48.72** | 31.18  | 24.56  | 19.18  | Dec.<br>17.14 | Dec.<br>11.27 | <u></u>    |

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

\*\*Jan - June. 2002 Green - High probability of achieving the FY05 target (on track).

Vellow - Uncertain if the FY05 target will be achieved -- slight problems, delays or management issues.

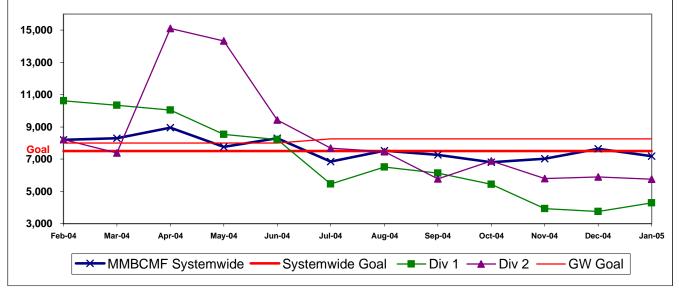
Red - High probability that the FY05 target will not be achieved -- significant problems and/or delays.

#### GATEWAY CITIES SECTOR BUS SERVICE PERFORMANCE

#### MEAN MILES BETWEEN CHARGEABLE MECHANICAL FAILURES\* Systemwide and Divisons 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)



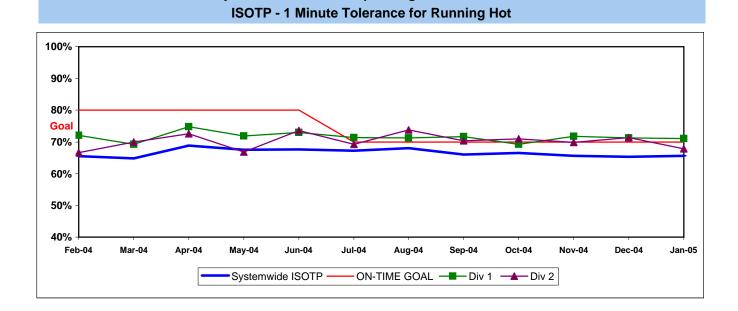
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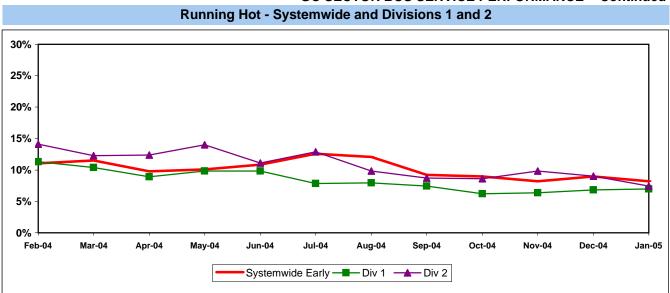
#### **IN-SERVICE ON-TIME PERFORMANCE**

**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



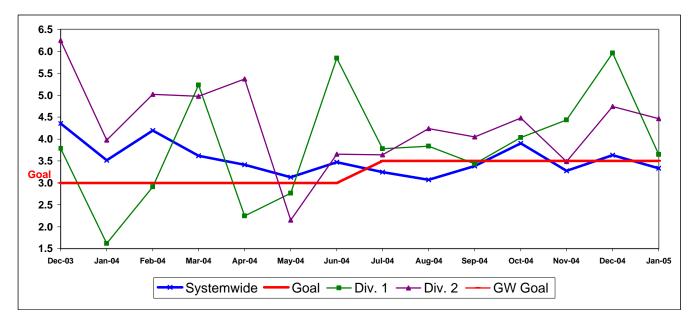


### GC SECTOR BUS SERVICE PERFORMANCE - Continued

#### **BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES** Systemwide and Divisons 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))



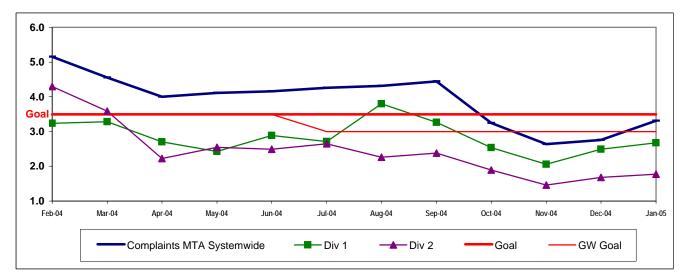
#### GC SECTOR BUS SERVICE PERFORMANCE - Continued

#### COMPLAINTS PER 100,000 BOARDINGS

Systemwide and Divisons 1 and 2

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

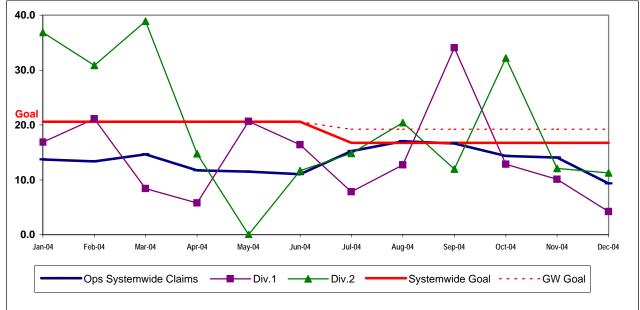
Calculation: Customer complaints per 100,000 Boardings = Complaints/(Boardings/100,000)



#### NEW WORKERS' COMPENSATION INDEMNITY CLAIMS FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 1 and 2

**Definition:** Average number of new workers compensation indemnity claims filed per 200,000 exposure hours. Indemnity – requires an overnight hospital stay or involves more than 3 calendar days of lost time. This indicator measures safety.

**Calculation:** New workers' compensation indemnity claims filed per 200,000 Exposure Hours = New Claims/(Exposure Hours/200,000)



One month lag in reporting.

#### South Bay Sector Scorecard Overview (SB)

This sector has two Metro operating divisions, Arthur Winston Division (5) in South Los Angeles and Carson Division (18) in Carson. The sector will be responsible for the operation of approximately 550 Metro buses and 32 Metro Bus lines carrying over 93.5 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* Mean Miles Between Chargeable Mechanical Failures (MMBCMF)
- \* In-Service On-Time Performance
- \* Traffic Accidents per 100,000 Hub
- \* Complaints per 100,000 Boardings
- \* New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours

| Measurement   | FY02    | FY03   | FY04   | FY05<br>Target | FY05<br>YTD   | Jan.<br>Month | Status     |
|---|---------|--------|--------|----------------|---------------|---------------|------------|
| Bus Systemwide  |         |        |        |                |               |               |            |
| Mean Miles Between Chargeable<br>Mechanical Failures (MMBCMF)*                            | 5,796   | 6,883  | 7,417  | 7,500          | 7,179         | 7,188         | $\diamond$ |
| In-Service On-time Performance  | 64.88%  | 69.23% | 65.43% | 70%            | 66.34%        | 65.66%        | $\diamond$ |
| Bus Traffic Accidents Per 100,000 Miles   | 3.91    | 3.86   | 3.65   | 3.50           | 3.40          | 3.33          | $\bigcirc$ |
| Complaints per 100,000 Boardings  | 3.54    | 4.23   | 4.51   | 3.50           | 4.82          | 4.68          | $\diamond$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 23.99   | 17.80  | 17.64  | 16.76          | Dec.<br>14.40 | Dec.<br>9.33  | •          |
| SB Sector   |         |        |        |                |               |               |            |
| MMBCMF*   | 5,665   | 6,237  | 7,132  | 7,000          |               |               | $\diamond$ |
| In-Service On-time Performance  |         | 63.67% | 61.74% | 70%            | 64.74%        | 62.55%        | $\diamond$ |
| Bus Traffic Accidents Per 100,000 Miles   | 4.03    | 4.00   | 3.68   | 4.00           | 3.69          | 3.68          | 0          |
| Complaints per 100,000 Boardings  | 3.42    | 4.02   | 4.63   | 4.00           | 3.95          | 3.46          | $\bigcirc$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 30.5    | 17.28  | 14.84  | 14.10          | Dec.<br>16.12 | Dec.<br>13.99 | $\diamond$ |
| Division 5  |         |        |        |                |               |               |            |
| MMBCMF*   | 8,883   | 8,756  | 7,823  | 7,000          | 6,565         | 6,197         | $\diamond$ |
| In-Service On-time Performance  | 63.31%  | 66.30% | 63.17% | 70%            | 66.24%        | 67.90%        | $\diamond$ |
| Bus Traffic Accidents Per 100,000 Miles   | 4.35    | 4.58   | 3.90   | 4.00           | 4.47          | 3.91          | $\diamond$ |
| Complaints per 100,000 Boardings  | 2.47    | 2.86   | 3.45   | 4.00           | 2.99          | 2.16          | $\bigcirc$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 43.97** | 24.16  | 15.22  | 14.10          | Dec.<br>17.09 | Dec.<br>19.11 | $\diamond$ |
| Division 18   |         |        |        |                |               |               |            |
| MMBCMF*   | 4,514   | 5,144  | 6,689  | 7,000          | 6,960         | 7,004         | $\diamond$ |
| In-Service On-time Performance  | 60.19%  | 61.23% | 60.78% | 70%            | 63.64%        | 60.19%        | $\diamond$ |
| Bus Traffic Accidents Per 100,000 Miles   | 3.80    | 3.57   | 3.51   | 4.00           | 3.11          | 3.50          | •          |
| Complaints per 100,000 Boardings  | 4.39    | 5.26   | 5.74   | 4.00           | 4.82          | 4.68          | $\diamond$ |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 25.56** | 13.40  | 14.71  | 14.10          | Dec.<br>15.47 | Dec.<br>10.44 | <b></b>    |

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

\*\*Jan - June, 2002

Green - High probability of achieving the FY05 target (on track).

Cellow - Uncertain if the FY05 target will be achieved -- slight problems, delays or management issues.

Red - High probability that the FY05 target will not be achieved -- significant problems and/or delays.

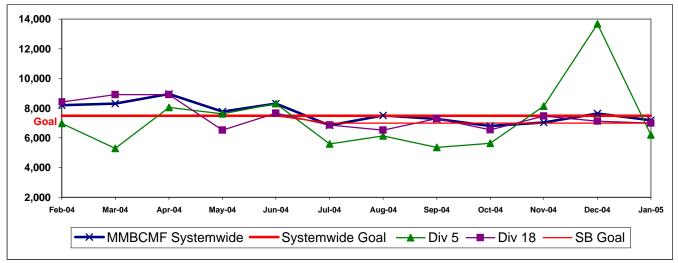
#### SOUTH BAY SECTOR (SB) BUS SERVICE PERFORMANCE

#### 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)

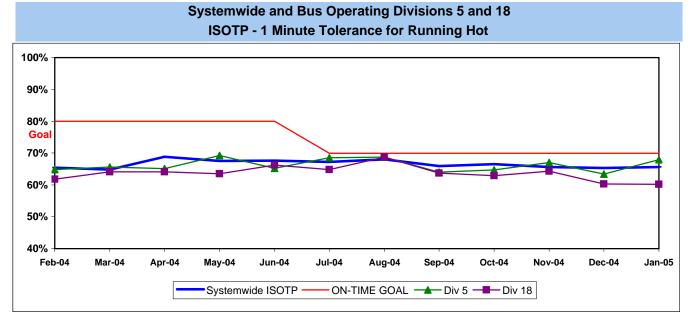


\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

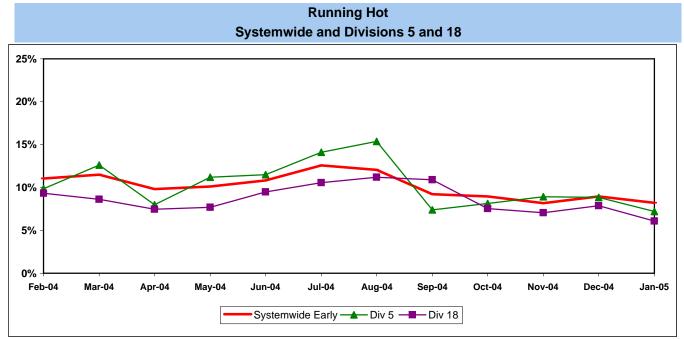
#### **IN-SERVICE ON-TIME PERFORMANCE**

**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))



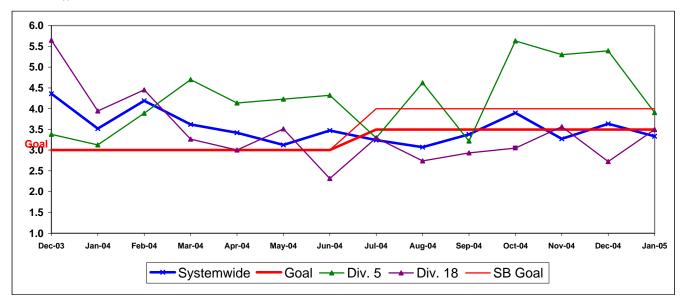
#### SB SECTOR BUS SERVICE PERFORMANCE - Continued



#### 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.

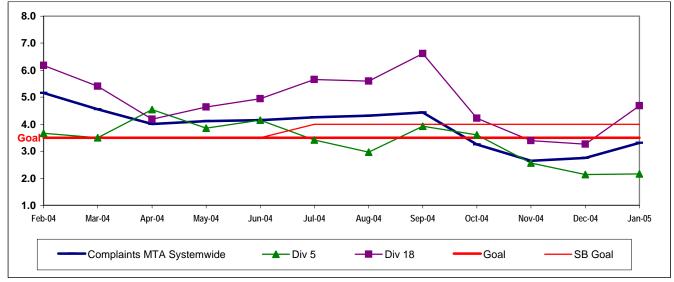
**Calculation:** Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



#### SB SECTOR BUS SERVICE PERFORMANCE - Continued COMPLAINTS PER 100,000 BOARDINGS

Systemwide and Divisions 5 and 18

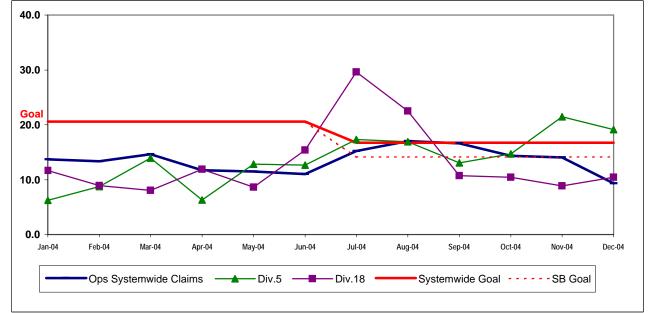
**Definition:** Average number of customer complaints per 100,000 boardings. This indicator measures service **Calculation:** Customer complaints per 100,000 Boardings = Complaints/(Boardings/100,000)



#### NEW WORKERS' COMPENSATION INDEMNITY CLAIMS FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 5 and 18

**Definition:** Average number of new workers compensation indemnity claims filed per 200,000 exposure hours. Indemnity – requires an overnight hospital stay or involves more than 3 calendar days of lost time. This indicator measures safety.

**Calculation:** New workers' compensation indemnity claims filed per 200,000 Exposure Hours = New Claims/(Exposure Hours/200,000)



One month lag in reporting.

#### Westside/Central Sector Scorecard Overview (WC)

This sector has three Metro 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 620 Metro buses and 21 Metro Bus lines carrying nearly 86.1 million boarding passengers eac year.

This report gives a brief overview of sector operations':

- \* Mean Miles Between Chargeable Mechanical Failures (MMBCMF)
- \* In-Service On-Time Performance
- \* Traffic Accidents per 100,000 Hub
- \* Complaints per 100,000 Boardings
- \* New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours

|   |         |        |        | FY05   | FY05          | Jan.          |                       |
|---|---------|--------|--------|--------|---------------|---------------|-----------------------|
| Measurement   | FY02    | FY03   | FY04   | Target | YTD           | Month         | Status                |
| Bus Systemwide  |         |        |        |        |               |               |                       |
| Mean Miles Between Chargeable<br>Mechanical Failures (MMBCMF)**                           | 5,796   | 6,883  | 7,417  | 7,500  | 7,179         | 7,188         | $\diamond$            |
| In-Service On-time Performance  | 64.88%  | 69.23% | 65.43% | 70%    | 66.34%        | 65.66%        | $\diamond$            |
| Bus Traffic Accidents Per 100,000 Miles   | 3.91    | 3.86   | 3.65   | 3.50   | 3.40          | 3.33          | ightarrow             |
| Complaints per 100,000 Boardings  | 3.54    | 4.23   | 4.51   | 3.50   | 4.82          | 4.68          | $\diamond$            |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 23.99   | 17.80  | 17.64  | 16.76  | Dec.<br>14.40 | Dec.<br>9.33  | •                     |
| WC Sector   |         |        |        |        |               |               |                       |
| MMBCMF*   | 6,099   | 5,720  | 6,254  | 7,500  | 7,672         | 8,351         | 0                     |
| In-Service On-time Performance  |         | 67.88% | 63.31% | 70%    | 63.02%        | 62.55%        | $\diamond$            |
| Bus Traffic Accidents Per 100,000 Miles   | 4.69    | 4.72   | 4.61   | 3.67   | 3.80          | 3.68          | $\diamond$            |
| Complaints per 100,000 Boardings  | 3.33    | 4.84   | 5.30   | 3.75   | 4.02          | 3.62          | $\diamond$            |
| New Workers' Compensation<br>IndemnityClaims per 200,000 Exposure<br>Hours (1 month lag)  | 27.5    | 28.74  | 21.52  | 20.44  | Dec.<br>19.07 | Dec.<br>15.80 | 0                     |
| Division 6  |         |        |        |        |               |               |                       |
| MMBCMF*   | 9,241   | 8,335  | 19,270 | 7,500  | 11,449        | 14,950        | $\circ$               |
| In-Service On-time Performance  | 64.64%  | 65.93% | 60.11% | 70%    | 55.27%        | 56.19%        |                       |
| Bus Traffic Accidents Per 100,000 Miles   | 4.18    | 4.52   | 4.10   | 3.67   | 4.41          | 6.13          | $\diamond$            |
| Complaints per 100,000 Boardings  | 4.51    | 6.10   | 6.15   | 3.75   | 4.39          | 4.69          | $\diamond$            |
| New Workers' Compensation<br>IndemnityClaims per 200,000 Exposure<br>Hours (1 month lag)  | 35.75** | 30.72  | 21.71  | 20.44  | Dec.<br>19.76 | Dec.<br>8.57  | $\diamondsuit$        |
| Division 7  |         |        |        |        |               |               |                       |
| MMBCMF*   | 6,942   | 5,389  | 5,230  | 7,500  | 6,900         | 7,308         | $\diamond$            |
| In-Service On-time Performance  | 67.96%  | 68.80% | 64.59% | 70%    | 64.46%        | 60.90%        | $\overline{\diamond}$ |
| Bus Traffic Accidents Per 100,000 Miles   | 5.23    | 4.95   | 4.63   | 3.67   | 4.30          | 4.20          | <u> </u>              |
| Complaints per 100,000 Boardings  | 3.36    | 4.74   | 5.70   | 3.75   | 4.19          | 4.00          | $\diamond$            |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 39.27** | 24.52  | 21.05  | 20.44  | Dec.<br>19.56 | Dec.<br>14.33 | •                     |
| Division 10   |         |        |        |        |               |               |                       |
| MMBCMF*   | 5,121   | 5,734  | 6,701  | 7,500  | 7,882         | 8,680         | 0                     |
| In-Service On-time Performance  | 63.56%  | 67.34% | 62.85% | 70%    | 63.40%        | 65.63%        | $\diamond$            |
| Bus Traffic Accidents Per 100,000 Miles   | 4.23    | 4.55   | 4.68   | 3.67   | 2.86          | 3.32          | ightarrow             |
| Complaints per 100,000 Boardings  | 3.13    | 4.73   | 4.85   | 3.75   | 3.81          | 3.12          | $\diamond$            |
| New Workers' Compensation Indemnity<br>Claims per 200,000 Exposure Hours (1<br>month lag) | 35.30** | 35.38  | 22.90  | 20.44  | Dec.<br>19.00 | Dec.<br>19.41 | •                     |

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

\*\*Jan - June, 2002

Green - High probability of achieving the FY05 target (on track).

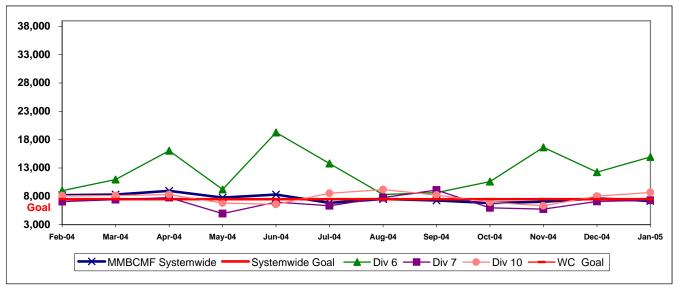
ellow - Uncertain if the FY05 target will be achieved -- slight problems, delays or management issues.

Red - High probability that the FY05 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.



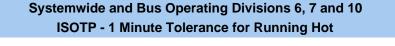
Calculation: MMBCMF = (Total Hub Miles / by Chargeable Mechanical Related Roadcalls)

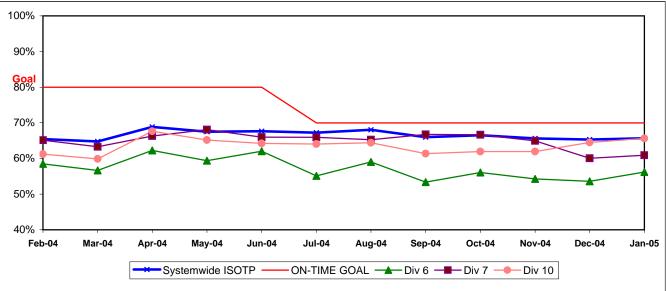
\* Mean Miles Between Chargeable Mechanical Failures is overstated due to data collection system failure.

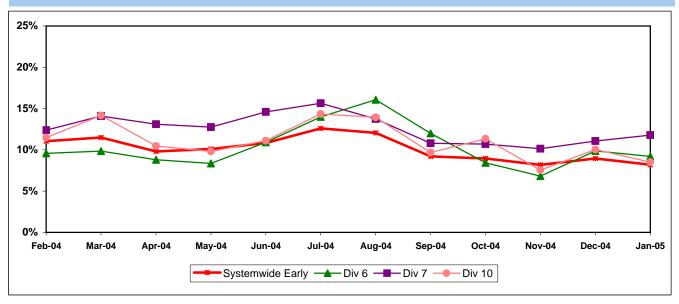
#### **IN-SERVICE ON-TIME PERFORMANCE**

**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))





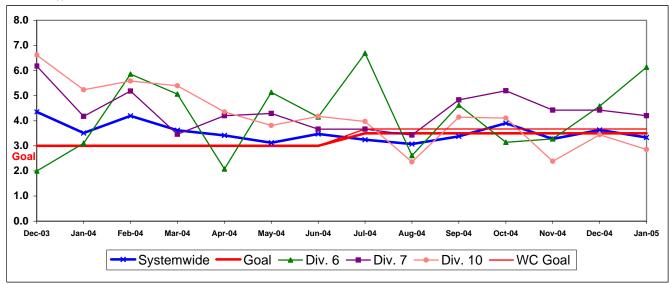


Running Hot - Systemwide and Divisions 6, 7 and 10

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.

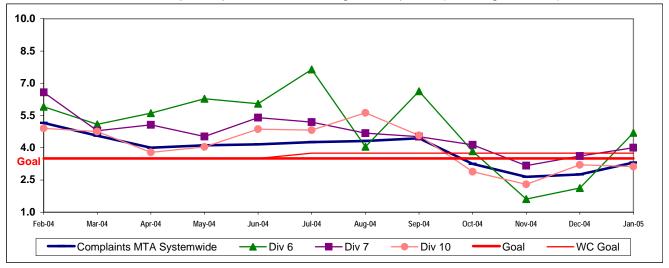
**Calculation:** Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



#### WC SECTOR BUS SERVICE PERFORMANCE - Continued 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.

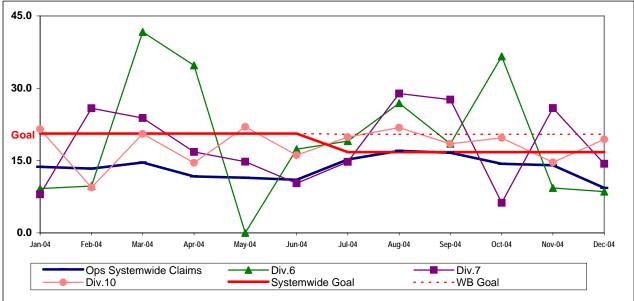
**Calculation:** Customer complaints per 100,000 Boardings = Complaints/(Boardings/100,000)



#### NEW WORKERS' COMPENSATION INDEMNITY CLAIMS FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 6, 7 and 10

**Definition:** Average number of new workers compensation indemnity claims filed per 200,000 exposure hours. Indemnity – requires an overnight hospital stay or involves more than 3 calendar days of lost time. This indicator measures safety.

**Calculation:** New workers' compensation indemnity claims filed per 200,000 Exposure Hours = New Claims/(Exposure Hours/200,000)



One month lag in reporting.

#### Metro Rail Scorecard Overview

Metro Rail operates one heavy rail line, Metro Red Line from Union Station to North Hollywood and three lig rail lines, Metro Blue Line from downtown to Long Beach, Metro Green Line along the 105 freeway and Metr 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

|   |        |        |        | FY05   | FY05   | Jan.    |            |
|---|--------|--------|--------|--------|--------|---------|------------|
| Measurement   | FY02   | FY03   | FY04   | Target | YTD    | Month   | Status     |
| New Workers' Compensation   |        |        |        |        | Dec.   | Dec.    |            |
| IndemnityClaims per 200,000 Exposure<br>Hours (1 <i>month lag</i> ) | 14.27  | 11.25  | 11.59  | 11.01  | 9.58   | 2.22    | $\diamond$ |
| Metro Red Line (MRL)  |        |        |        |        |        |         |            |
| On-Time Pullouts  | 99.89% | 99.36% | 99.71% | 99.00% | 99.91% | 100.00% | 0          |
| Mean Miles Between Chargeable<br>Mechanical Failures*               | 9,842  | 9,495  | 12,793 | 10,000 | 11,733 | 8,629   | •          |
| In-Service On-time Performance                                      | 99.60% | 99.15% | 99.04% | 99.00% | 98.59% | 98.90%  | $\diamond$ |
| Traffic Accidents Per 100,000 Train Miles                           | 0.22   | 0.07   | 0      | 0.05   | 0.25   | 0.00    | $\diamond$ |
| Complaints per 100,000 Boardings                                    | 0.73   | 1.20   | 1.17   | 0.60   | 1.03   | 1.02    | $\diamond$ |
| Metro Blue Line (MBL)   |        |        |        |        |        |         |            |
| On-Time Pullouts  | 99.43% | 99.07% | 99.94% | 99.00% | 99.76% | 99.86%  | $\bigcirc$ |
| Mean Miles Between Chargeable<br>Mechanical Failures                | 4,897  | 6,399  | 10,365 | 10,000 | 16,827 | 12,743  | 0          |
| In-Service On-time Performance                                      | 98.70% | 97.59% | 98.74% | 99.00% | 98.42% | 97.41%  | $\diamond$ |
| Traffic Accidents Per 100,000 Train Miles                           | 0.97   | 0.82   | 1.36   | 0.40   | 0.79   | 1.38    | $\diamond$ |
| Complaints per 100,000 Boardings                                    | 0.97   | 1.30   | 0.97   | 0.66   | 0.89   | 1.12    | $\diamond$ |
| Metro Green Line (MGrL)   |        |        |        |        |        |         | -          |
| On-Time Pullouts  | 99.62% | 98.99% | 99.78% | 99.00% | 99.88% | 100%    | $\bigcirc$ |
| Mean Miles Between Chargeable<br>Mechanical Failures                | 3,990  | 5,617  | 11,337 | 10,000 | 12,359 | 13,424  | $\bigcirc$ |
| In-Service On-time Performance                                      | 99.16% | 98.21% | 98.99% | 99.00% | 98.36% | 98.13%  | $\diamond$ |
| Traffic Accidents Per 100,000 Train Miles                           | 0.00   | 0.14   | 0.08   | 0.40   | 0.00   | 0.00    |            |
| Complaints per 100,000 Boardings                                    | 1.22   | 1.26   | 1.37   | 0.66   | 1.48   | 1.32    |            |
| Metro Gold Line (MGoL)  |        |        |        |        |        |         |            |
| On-Time Pullouts  |        |        | 100%   | 99.00% | 99.86% | 99.10%  | $\circ$    |
| Mean Miles Between Chargeable<br>Mechanical Failures                |        |        | 8,938  | 10,000 | 15,195 | 16,227  | ightarrow  |
| In-Service On-time Performance                                      |        |        | 98.52% | 99.00% | 98.90% | 98.37%  | $\diamond$ |
| Traffic Accidents Per 100,000 Train Miles                           |        |        | 0.25   | 0.40   | 0.18   | 0.00    | ightarrow  |
| Complaints per 100,000 Boardings                                    |        |        | 3.81   | 0.66   | 1.63   | 3.07    |            |

Green - High probability of achieving the FY05 target (on track).

Yellow - Uncertain if the FY05 target will be achieved -- slight problems, delays or management issues.

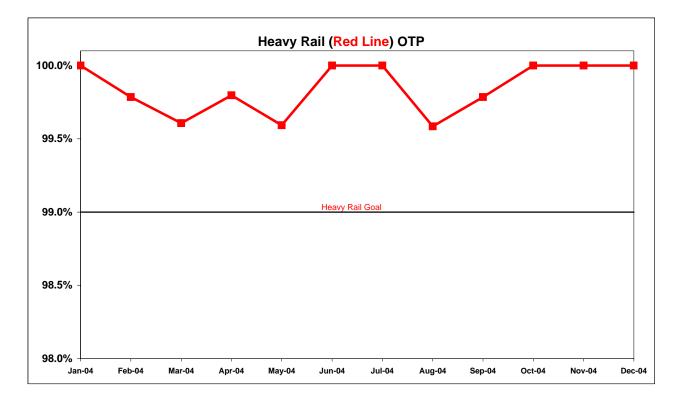
Red - High probability that the FY05 target will not be achieved -- significant problems and/or delays.

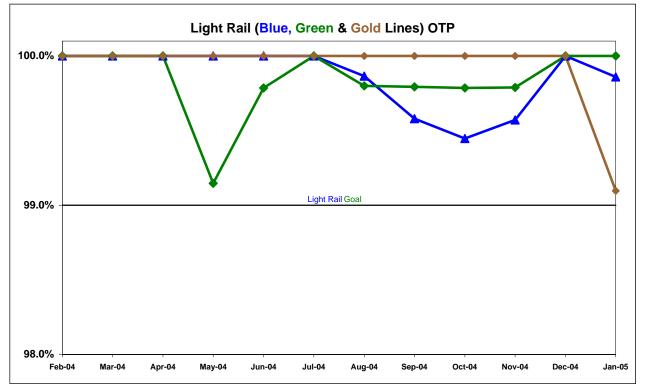
#### **RAIL SERVICE PERFORMANCE**

#### **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) X by 100)]

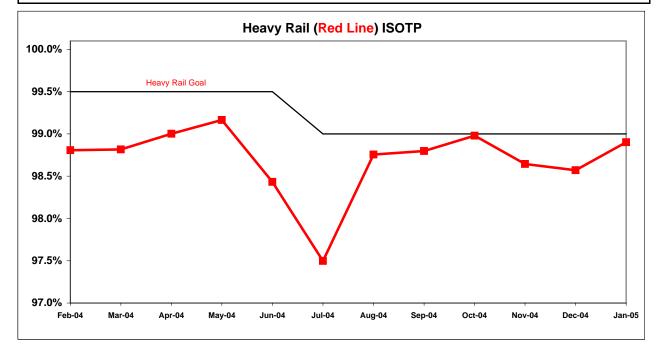


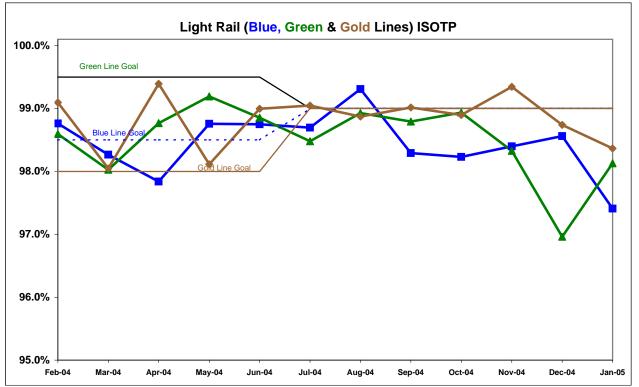


#### **IN-SERVICE ON-TIME PERFORMANCE**

**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)]

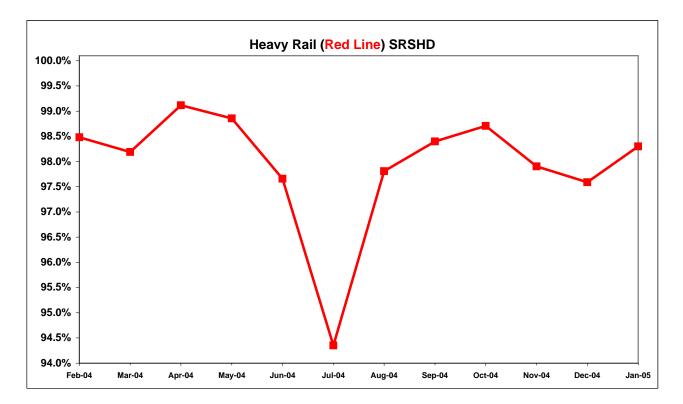


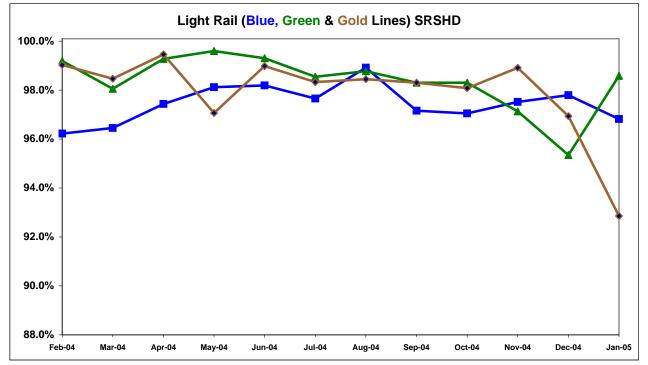


#### Scheduled Revenue Service Hours Delivered by Rail Line

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

Calculation: SRSHD% = (1-(Total Service Hours Lost / by Total Scheduled Service Hours))



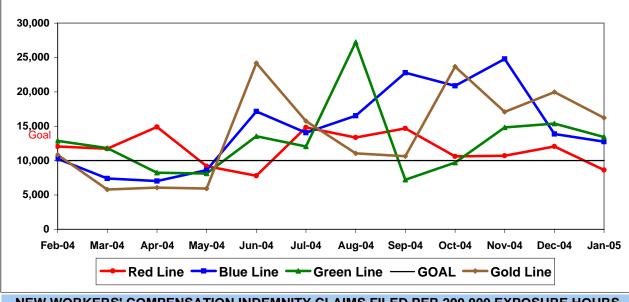


#### **RAIL SERVICE PERFORMANCE - Continued**

#### 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 = Total Vehicle Miles / Revenue Vehicle Systems Failures

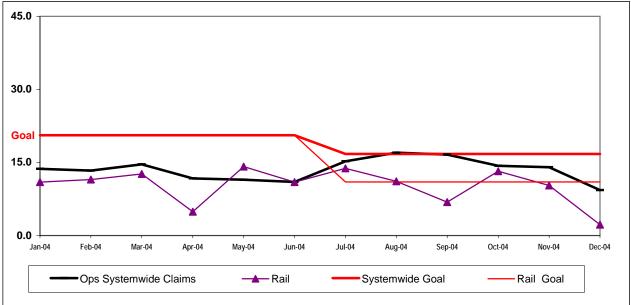


#### NEW WORKERS' COMPENSATION INDEMNITY CLAIMS FILED PER 200,000 EXPOSURE HOURS

**Definition:** Average number of new workers compensation indemnity claims filed per 200,000 exposure hours. Indemnity – requires an overnight hospital stay or involves more than 3 calendar days of lost time. This indicator measures safety.

**Calculation:** New workers' compensation indemnity claims filed per 200,000 Exposure Hours = New Claims/(Exposure Hours/200,000)

One month lag in reporting.

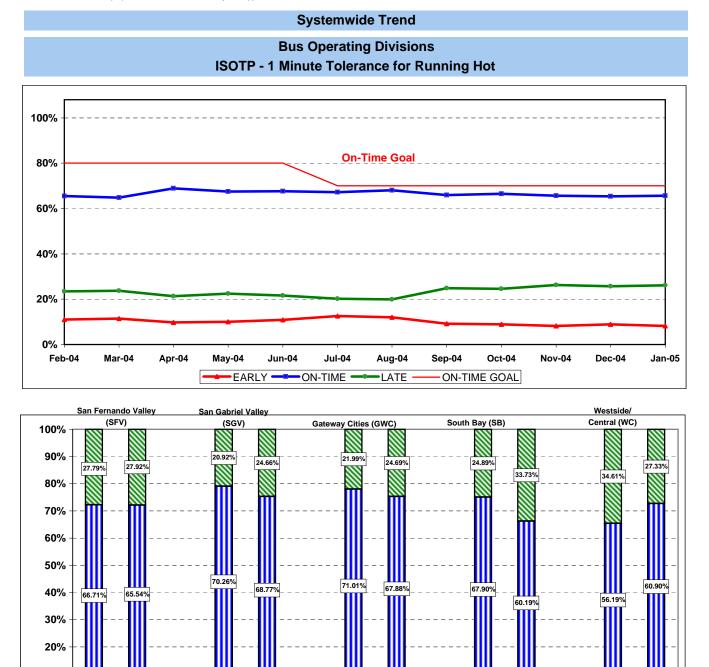


#### **BUS SERVICE PERFORMANCE**

#### **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-((Number of buses departing early + Number of buses departing more than five minutes late)/(Total buses sampled))



7.43%

Div.2

LATE

7 21%

Div.5

6.079

Div.18

7.00%

Div.1

ON-TIME

Metro Operations Monthly Report for January 2005

6.54%

Div.15

.50%

Div.8

8.83%

Div.3

6.58

Div.9

EARLY

10%

0%

11.77%

Div.7

9,20%

Div.6

#### **ISOTP By Sectors' Divisions**

|                                  | FY04       | FY05-YTD | Variance |  |  |  |  |  |  |  |
|----------------------------------|------------|----------|----------|--|--|--|--|--|--|--|
| San Fernando Valley Sector (SFV) |            |          |          |  |  |  |  |  |  |  |
| Division 8                       |            |          |          |  |  |  |  |  |  |  |
| Early                            | 5.97%      | 7.00%    | 1.03%    |  |  |  |  |  |  |  |
| On-Time                          | 69.12%     | 70.40%   | 1.28%    |  |  |  |  |  |  |  |
| Late                             | 24.91%     | 22.60%   | -2.30%   |  |  |  |  |  |  |  |
| Division 15                      |            |          |          |  |  |  |  |  |  |  |
| Early                            | 8.33%      | 8.40%    | 0.07%    |  |  |  |  |  |  |  |
| On-Time                          | 66.62%     | 68.64%   | 2.02%    |  |  |  |  |  |  |  |
| Late                             | 25.06%     | 22.96%   | -2.09%   |  |  |  |  |  |  |  |
| Gateway Cities                   | s Sector ( | (GWC)    |          |  |  |  |  |  |  |  |
| Division 1                       |            |          |          |  |  |  |  |  |  |  |
| Early                            | 9.30%      | 7.07%    | -2.22%   |  |  |  |  |  |  |  |
| On-Time                          | 70.57%     | 71.11%   | 0.54%    |  |  |  |  |  |  |  |
| Late                             | 20.13%     | 21.81%   | 1.68%    |  |  |  |  |  |  |  |
| Division 2                       |            |          |          |  |  |  |  |  |  |  |
| Early                            | 13.05%     | 9.37%    | -3.68%   |  |  |  |  |  |  |  |
| On-Time                          | 67.62%     | 70.54%   | 2.93%    |  |  |  |  |  |  |  |
| Late                             | 19.33%     | 20.09%   | 0.75%    |  |  |  |  |  |  |  |
| South Bay See                    | ctor (SB)  |          |          |  |  |  |  |  |  |  |
| Division 5                       |            |          |          |  |  |  |  |  |  |  |
| Early                            | 12.50%     | 10.14%   | -2.37%   |  |  |  |  |  |  |  |
| On-Time                          | 63.17%     | 66.24%   | 3.06%    |  |  |  |  |  |  |  |
| Late                             | 24.32%     | 23.63%   | -0.70%   |  |  |  |  |  |  |  |
| Division 18                      |            |          |          |  |  |  |  |  |  |  |
| Early                            | 9.69%      | 8.78%    | -0.91%   |  |  |  |  |  |  |  |
| On-Time                          | 60.78%     | 63.64%   | 2.86%    |  |  |  |  |  |  |  |
| Late                             | 29.53%     | 27.58%   | -1.95%   |  |  |  |  |  |  |  |

#### Year-to-Date Compared To Last Year

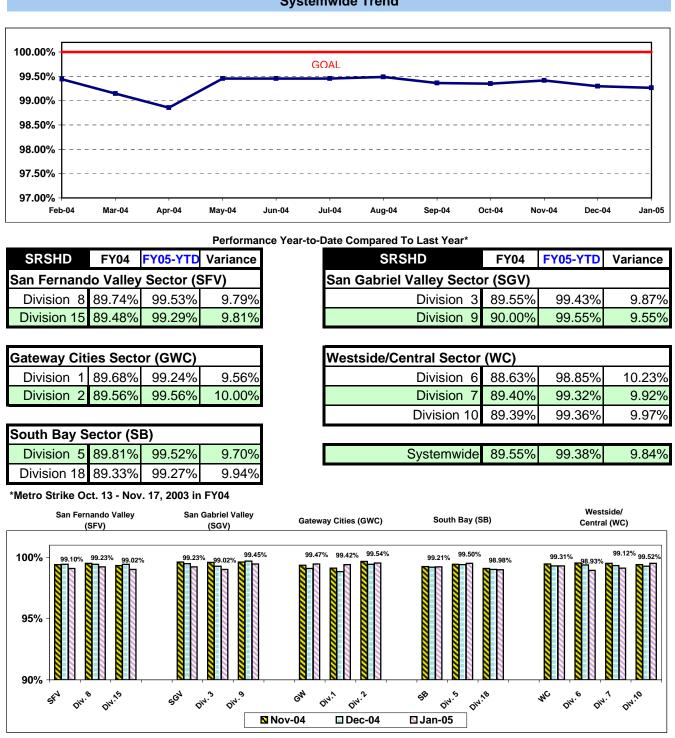
|             | FY04       | FY05-YTD  | Variance |
|-------------|------------|-----------|----------|
| San Gabriel | ()         |           |          |
| Division 3  |            |           |          |
| Early       | 9.24%      | 9.91%     | 0.66%    |
| On-Time     | 70.80%     | 70.36%    | -0.44%   |
| Late        | 19.96%     | 19.73%    | -0.22%   |
| Division 9  |            |           |          |
| Early       | 8.80%      | 7.49%     | -1.31%   |
| On-Time     | 68.16%     | 69.78%    | 1.62%    |
| Late        | 23.04%     | 22.73%    | -0.31%   |
| Westside/Ce | entral Sec | ctor (WC) |          |
| Division 6  |            |           |          |
| Early       | 11.52%     | 10.87%    | -0.64%   |
| On-Time     | 60.11%     | 55.27%    | -4.84%   |
| Late        | 28.37%     | 33.86%    | 5.49%    |
| Division 7  |            |           |          |
| Early       | 13.63%     | 11.97%    | -1.66%   |
| On-Time     | 64.59%     | 64.46%    | -0.13%   |
| Late        | 21.78%     | 23.57%    | 1.79%    |
| Division 10 |            |           |          |
| Early       | 11.48%     | 10.73%    | -0.74%   |
| On-Time     | 62.85%     | 63.40%    | 0.55%    |
| Late        | 25.68%     | 25.87%    | 0.19%    |
|             |            |           |          |

| SYSTEMWID | E      |        |        |
|-----------|--------|--------|--------|
| Early     | 11.07% | 9.73%  | -1.34% |
| On-Time   | 65.43% | 66.34% | 0.92%  |
| Late      | 23.50% | 23.92% | 0.42%  |

#### 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))



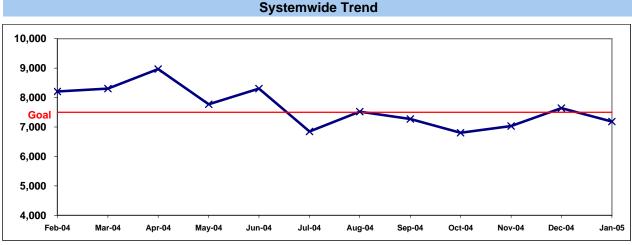
Systemwide Trend

#### **MAINTENANCE PERFORMANCE**

#### **MEAN MILES BETWEEN CHARGEABLE MECHANICAL FAILURES\***

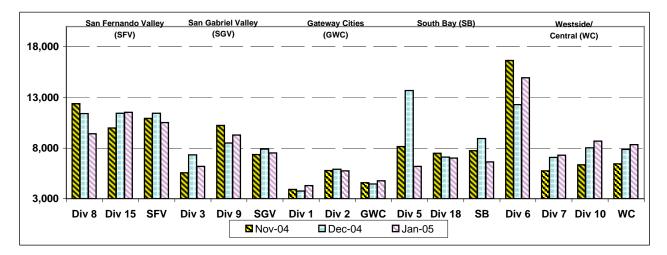
**Definition:** Average Hub Miles traveled between chargeable mechanical problems that result in a service disruption of greater than ten minutes.

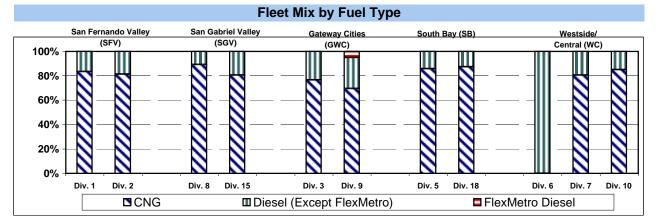
**Calculation:** Mean Miles Between Chargeable Mechanical Failures (MMBCMF) = (Total Hub Miles / by Chargeable Mechanical Related Roadcalls)



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

#### Bus Operating Sector Divisions November 2004 - January 2005





#### **MAINTENANCE PERFORMANCE - Continued**

#### Fleet Mix by Fuel Type Systemwide (Metro and Contract Services)

|                           | Number of Buses | Percent of Buses |
|---------------------------|-----------------|------------------|
| CNG                       | 1,979           | 74.91%           |
| Diesel (Except FlexMetro) | 559             | 21.16%           |
| FlexMetro Diesel          | 10              | 0.38%            |
| Gasoline                  | 60              | 2.27%            |
| Propane                   | 34              | 1.29%            |
| Total                     | 2,642           | 100.00%          |

Average Age of Fleet by Sectors' Divisions

| S     | SFV    |       | SGV   |       | GWC   |       |        |
|-------|--------|-------|-------|-------|-------|-------|--------|
| Div 8 | Div 15 | Div 3 | Div 9 | Div 1 | Div 2 | Div 5 | Div 18 |
| 7.8   | 7.4    | 7.9   | 6.4   | 5.2   | 5.1   | 4.9   | 7.4    |

|       | WC    |        |
|-------|-------|--------|
| Div 6 | Div 7 | Div 10 |
| 10.9  | 6.0   | 7.0    |

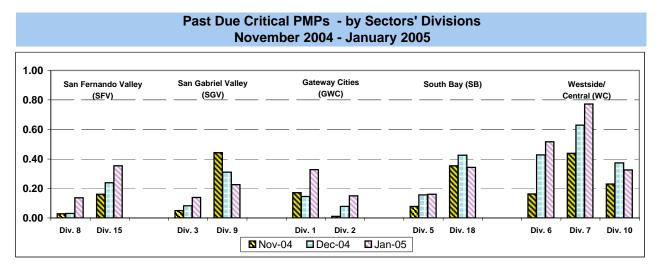
#### PAST DUE CRITICAL PREVENTIVE MAINTENANCE PROGRAM JOBS (PMP's)

**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)

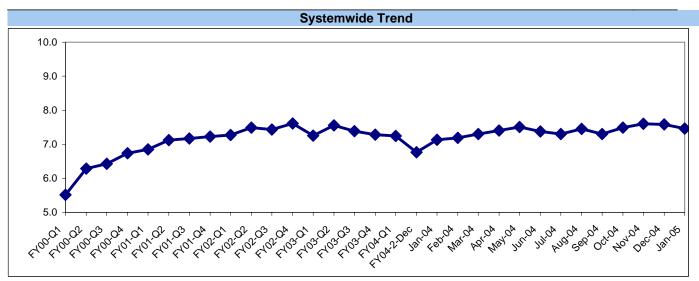


Note: Since July 2004, three sectors, San Fernando Valley, San Gabriel Valley and Gateway Cities, have had their six divisions (Divisions 8, 15, 3, 9, 1 and 2) involved in a pilot project to test extending maintenance critical PMP mileage periodicities. These "extended" mileages have not been officially implemented at this time; therefore, these divisions will appear not to have completed their critical PMP's in current monthly and weekly reports until the program is officially modified systemwide accordingly.

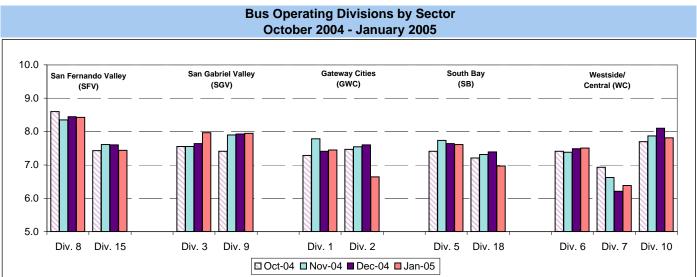


#### **BUS CLEANLINESS**

Definition: A team of three Quality Assurance Supervisors rates twenty percent of the fleet at each division and contrac 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)



**Analysis:** Division 8's overall rating improved to an 8.5. Overall cleanliness score for Divisions 5, 6, 10 and 18 improved in the second quarter. Overall cleanliness scores for Divisions 1, 2, 3, 7, 8, 9 and 15 remained consistent with the first quarter FY05.

Scores for the categories of window etching, interior graffiti, exterior graffiti, exterior cleanliness, 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 and stepwells.

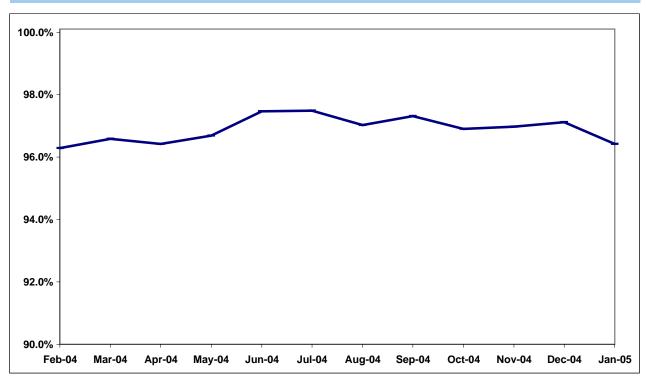
#### ATTENDANCE

#### MAINTENANCE ATTENDANCE

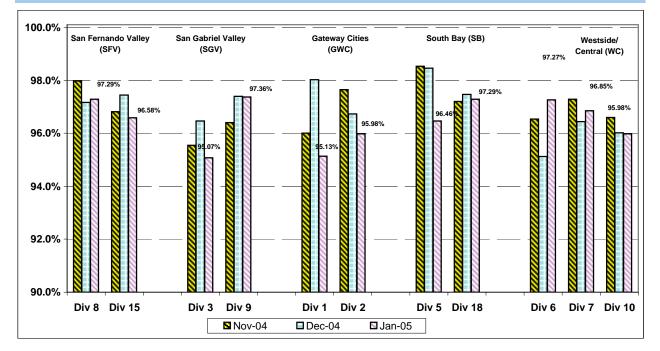
**Definition:** Maintenance Mechanics and Service Attendants - % attendance Monday through Friday for the month.

Calculation: 1-(FTEs absent / by the total FTEs assigned)

#### Systemwide Trend



#### Maintenance Attendance - By Sectors' Divisions (By Current Month) October - December 2004

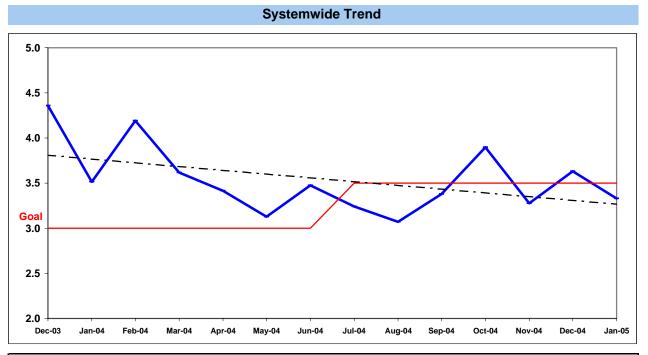


#### SAFETY PERFORMANCE

#### **BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES**

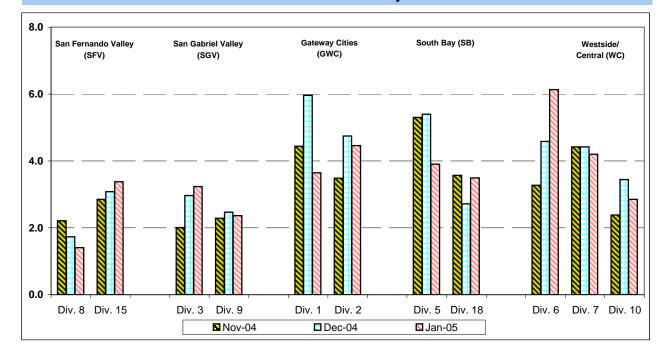
**Definition:** Average number of Traffic Accidents for every 100,000 Hub Miles traveled. This indicator measures system safety.

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



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

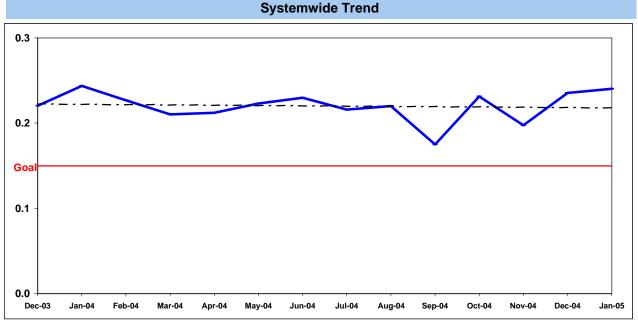
#### Bus Operating Divisions - by Sectors' Divisions November 2004 - January 2005



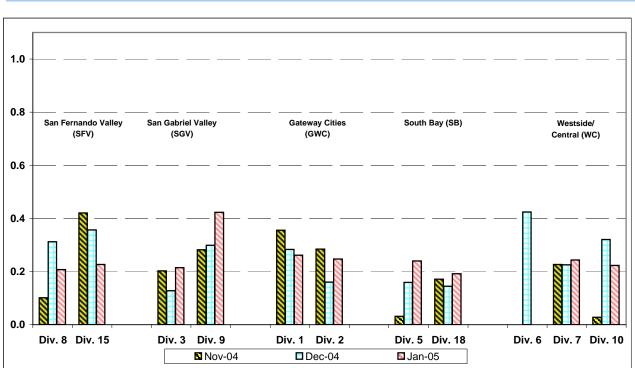
#### **BUS PASSENGER ACCIDENTS PER 100,000 BOARDINGS\***

**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))



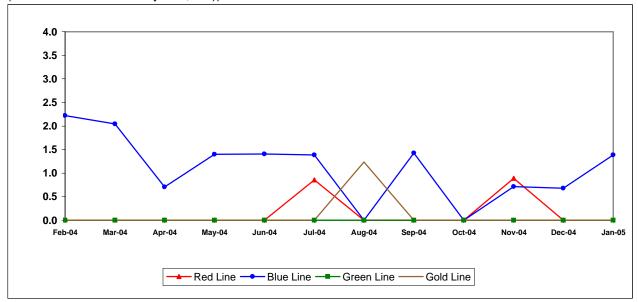
Note: The thirteen months prior to the reporting month are re-examined each month to allow for reclassification of accidents and late filing of reports.



#### Bus Operating Divisions - by Sectors' Divisions November 2004 - January 2005

#### **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.

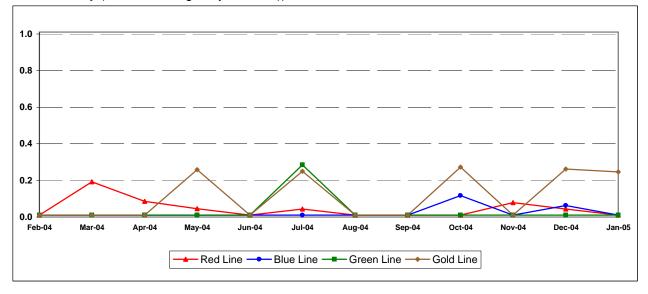


**Calculation:** Rail Accidents Per 100,000 Revenue Train Miles = (The number of Rail Accidents / by (Revenue Train Miles / by 100,000))

#### **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))

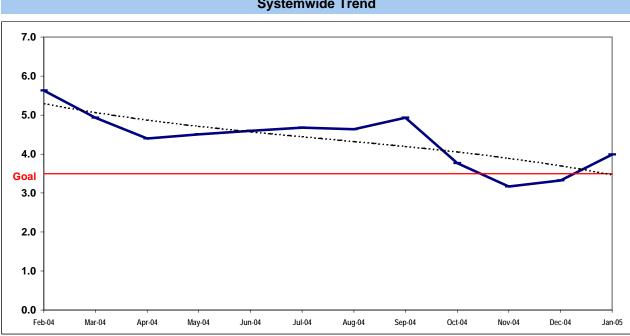


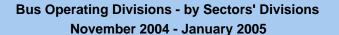
#### **CUSTOMER SATISFACTION**

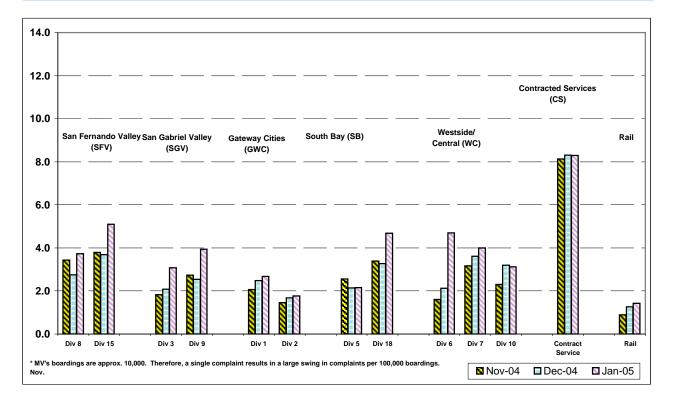
#### **COMPLAINTS PER 100,000 BOARDINGS**

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)





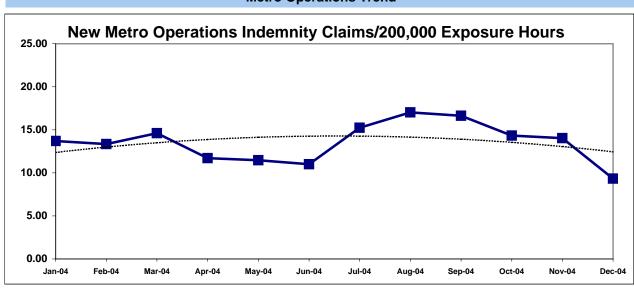


#### WORKERS COMPENSATION CLAIMS

#### New Workers Compensation Claims per 200,000 Exposure Hours

**Definition:** Average number of new workers compensation indemnity claims filed per 200,000 exposure hours. Indemnity – requires an overnight hospital stay or involves more than 3 calendar days of lost time. This indicator measures safety.

**Calculation:** New workers' compensation indemnity claims filed per 200,000 Exposure Hours = New Claims/(Exposure Hours/200,000)



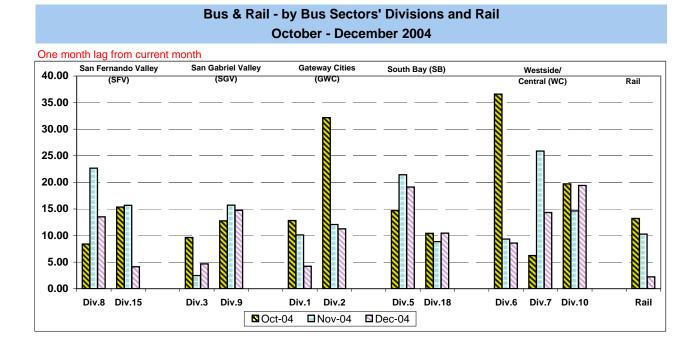
**Metro Operations Trend** 

One month lag from current month

#### NEW CLAIMS PER 200,000 EXPOSURE HOURS-MONTH BY BUS SECTORS' DIVISION & RAIL

**Definition:** Average number of new workers compensation indemnity claims filed per 200,000 exposure hours. Indemnity – requires an overnight hospital stay or involves more than 3 calendar days of lost time. This indicator measures safety.

**Calculation:** New workers' compensation indemnity claims filed per 200,000 Exposure Hours = New Claims/(Exposure Hours/200,000)



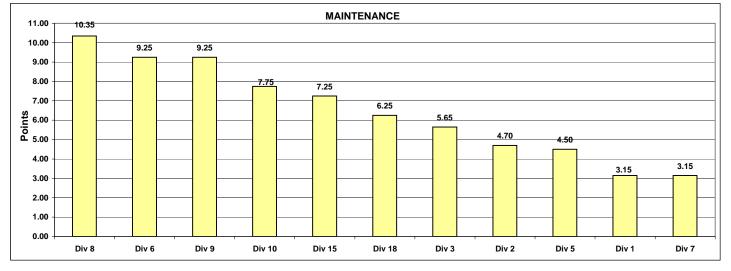
#### "HOW YOU DOIN'?" PERFORMANCE INCENTIVE PROGRAM

#### Monthly Calculations - January 2005 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.

|                          |                                       |         |         | 1       | Maintenand | e       |         |         |         |         |         |         |
|--------------------------|---------------------------------------|---------|---------|---------|------------|---------|---------|---------|---------|---------|---------|---------|
|                          | 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%                                   | 4298.3  | 5760.4  | 6178.8  | 6197.4     | 14949.6 | 7307.9  | 9410.1  | 9283.7  | 8680.0  | 11515.9 | 7004.4  |
| Points                   |                                       | 1       | 2       | 3       | 4          | 11      | 6       | 9       | 8       | 7       | 10      | 5       |
| Attendance               | 15%                                   | 0.96447 | 0.97065 | 0.97245 | 0.96910    | 0.98557 | 0.97268 | 0.98440 | 0.97668 | 0.96980 | 0.97004 | 0.97647 |
| Points                   |                                       | 1       | 5       | 6       | 2          | 11      | 7       | 10      | 9       | 3       | 4       | 8       |
| New WC Claims /200,000   |                                       |         |         |         |            |         |         |         |         |         |         |         |
| Exp Hrs*                 | 25%                                   | 8.6923  | 0.0000  | 9.8313  | 9.3025     | 0.0000  | 20.0086 | 0.0000  | 0.0000  | 0.0000  | 0.0000  | 0.0000  |
| Points<br>*One month lag |                                       | 4       | 11      | 2       | 3          | 11      | 1       | 11      | 11      | 11      | 11      | 11      |
| Bus Cleanliness          | 35%                                   | 7.447   | 6.640   | 7.969   | 7.606      | 7.506   | 6.381   | 8.425   | 7.944   | 7.813   | 7.438   | 6.969   |
| Points                   |                                       | 5       | 2       | 10      | 7          | 6       | 1       | 11      | 9       | 8       | 4       | 3       |
| Totals                   |                                       | 3.15    | 4.70    | 5.65    | 4.50       | 9.25    | 3.15    | 10.35   | 9.25    | 7.75    | 7.25    | 6.25    |
| FINAL                    | Maintenance Division Ranking (Sorted) |         |         |         |            |         |         |         |         |         |         |         |
| RANKING                  | DIV.                                  | Div 8   | Div 6   | Div 9   | Div 10     | Div 15  | Div 18  | Div 3   | Div 2   | Div 5   | Div 1   | Div 7   |
|                          | Score                                 | 10.35   | 9.25    | 9.25    | 7.75       | 7.25    | 6.25    | 5.65    | 4.70    | 4.50    | 3.15    | 3.15    |
|                          | Rank                                  | 1st     | 2nd     | 2nd     | 4th        | 5th     | 6th     | 7th     | 7th     | 9th     | 10th    | 10th    |

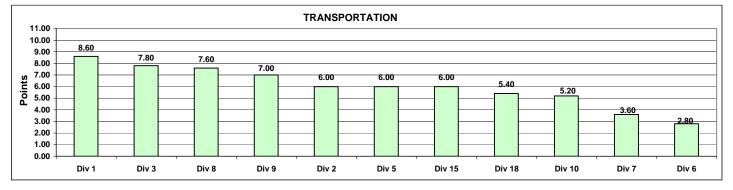


#### Monthly Calculations - December 2004 Metro Bus - Transportation

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%    | 0.7101                                   | 0.6788  | 0.7026 | 0.6790  | 0.5619  | 0.6090  | 0.6671  | 0.6877  | 0.6563  | 0.6554 | 0.6019  |
| Points                   |        | 11                                       | 7       | 10     | 8       | 1       | 3       | 6       | 9       | 5       | 4      | 2       |
| Running Hot              | 20%    | 0.0700                                   | 0.0743  | 0.0883 | 0.0721  | 0.0920  | 0.1177  | 0.0550  | 0.0658  | 0.0852  | 0.0654 | 0.0607  |
| Points                   |        | 7  | 5       | 3      | 6       | 2       | 1       | 11      | 8       | 4       | 9      | 10      |
| Accident Rate            | 20%    | 3.6452                                   | 4.4640  | 3.2368 | 3.9079  | 6.1317  | 4.2012  | 1.4084  | 2.3674  | 2.8564  | 3.3770 | 3.4963  |
| Points                   |        | 5  | 2       | 8      | 4       | 1       | 3       | 11      | 10      | 9       | 7      | 6       |
| Complaints/100K          |        |  |         |        |         |         |         |         |         |         |        |         |
| Boardings                | 20%    | 2.6735                                   | 1.7707  | 3.0817 | 2.1561  | 4.6940  | 3.9965  | 3.7346  | 3.9417  | 3.1200  | 5.0914 | 4.6831  |
| Points                   |        | 9  | 11      | 8      | 10      | 2       | 4       | 6       | 5       | 7       | 1      | 3       |
| New WC Claims /200,000   |        |  |         |        |         |         |         |         |         |         |        |         |
| Exp Hrs*                 | 20%    | 2.7812                                   | 14.5239 | 3.0615 | 22.0159 | 11.4970 | 12.8692 | 17.8128 | 19.1429 | 24.5516 | 5.3133 | 13.1651 |
| Points<br>*One month lag |        | 11                                       | 5       | 10     | 2       | 8       | 7       | 4       | 3       | 1       | 9      | 6       |
| Totals                   |        | 8.60                                     | 6.00    | 7.80   | 6.00    | 2.80    | 3.60    | 7.60    | 7.00    | 5.20    | 6.00   | 5.40    |
| FINAL                    |        | Transportation Division Ranking (Sorted) |         |        |         |         |         |         |         |         |        |         |
| RANKING                  | DIV.   | Div 1                                    | Div 3   | Div 8  | Div 9   | Div 2   | Div 5   | Div 15  | Div 18  | Div 10  | Div 7  | Div 6   |
|                          | Score  | 8.60                                     | 7.80    | 7.60   | 7.00    | 6.00    | 6.00    | 6.00    | 5.40    | 5.20    | 3.60   | 2.80    |
|                          | Rank   | 1st                                      | 2nd     | 3rd    | 4th     | 5th     | 5th     | 5th     | 8th     | 9th     | 10th   | 11th    |



#### Monthly Calculations - January 2005 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 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 |         |                       | Met     | tro Green Li | ne                    | Metro Gold Line |        |                       |
|---|-----------------|---------|-----------------------|----------------|---------|-----------------------|---------|--------------|-----------------------|-----------------|--------|-----------------------|
| Wayside Availability                        | Jan-04          | Jan-05  | Yearly<br>Improvement | Jan-04         | Jan-05  | Yearly<br>Improvement | Jan-04  | Jan-05       | Yearly<br>Improvement | Jan-04          | Jan-05 | Yearly<br>Improvement |
| Track                                       | 99.97%          | 100.00% | 0.03%                 | 99.98%         | 100.00% | 0.02%                 | 100.00% | 100.00%      | 0.00%                 | 99.81%          | 99.74% | -0.06%                |
| Signals                                     | 99.98%          | 99.98%  | -0.01%                | 100.00%        | 99.95%  | -0.05%                | 100.00% | 99.48%       | -0.52%                | 98.44%          | 99.89% | 1.45%                 |
| Power                                       | 100.00%         | 99.78%  | -0.22%                | 100.00%        | 99.92%  | -0.08%                | 99.74%  | 100.00%      | 0.26%                 | 100.00%         | 99.97% | -0.03%                |
| Wayside Performance                         | 99.98%          | 99.92%  | -0.07%                | 99.99%         | 99.96%  | -0.03%                | 99.91%  | 99.83%       | -0.09%                | 99.42%          | 99.87% | 0.45%                 |
| Vehicle Availability<br>Vehicle Performance | 99.14%          | 98.08%  | -1.06%                | 99.31%         | 99.79%  | 0.48%                 | 99.39%  | 98.43%       | -0.96%                | 98.57%          | 99.51% | 0.94%                 |
| Operator Availability<br>Operators          | <b>99.80%</b>   | 99.85%  | 0.04%                 | 99.87%         | 100.00% | 0.13%                 | 99.70%  | 99.97%       | 0.27%                 | 99.54%          | 99.91% | 0.37%                 |
| In-Service Performance<br>ISOTP - Rail      | 99.27%          | 97.68%  | -1.59%                | 99.62%         | 99.55%  | -0.07%                | 99.53%  | 97.88%       | -1.65%                | <b>98.0</b> 1%  | 98.24% | 0.23%                 |
| tal Rail Line Performance                   | 99.55%          | 98.88%  | -0.67%                | 99.70%         | 99.83%  | 0.13%                 | 99.63%  | 99.03%       | -0.61%                | 98.88%          | 99.38% | 0.50%                 |

