

METRO OPERATIONS MONTHLY PERFORMANCE REPORT

JULY 2003



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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	July Month	Status
Bus Systemwide						
On-Time Pullouts (system)*	99.61%	99.64%	100%	99.57%	99.57%	🟡
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)	5,796	6,883	7,500	6,220	6,220	🟡
In-Service On-time Performance	64.88%	69.23%	80%	63.74%	63.74%	🟡
Bus Traffic Accidents Per 100,000 Miles	3.91	3.86	3.00	3.86	3.86	🟡
Complaints per 100,000 Boardings	3.54	4.23	3.50	5.09	5.09	🟡
SFV Sector						
On-Time Pullouts *	99.45%	99.75%	100%	99.64%	99.64%	🟡
Mean Miles Between Chargeable Mechanical Failures	4,646	8,616	8,000	6,465	6,465	🟡
In-Service On-time Performance		67.30%	80%	65.79%	65.79%	🟡
Bus Traffic Accidents Per 100,000 Miles	3.09	2.91	2.70	3.37	3.37	🟡
Complaints per 100,000 Boardings	3.43	6.32	3.50	6.44	6.44	🟡
Division 8						
On-Time Pullouts *	99.57%	99.81%	100%	99.59%	99.59%	🟡
Mean Miles Between Chargeable Mechanical Failures	5,775	9,177	8,000	6,489	6,489	🟡
In-Service On-time Performance	67.88%	70.09%	80%	69.63%	69.63%	🟡
Bus Traffic Accidents Per 100,000 Miles	3.22	2.84	2.70	2.88	2.88	🟡
Complaints per 100,000 Boardings	3.16	6.87	3.50	5.59	5.59	🟡
Division 15						
On-Time Pullouts *	99.37%	99.72%	100%	99.69%	99.69%	🟡
Mean Miles Between Chargeable Mechanical Failures	4,514	8,260	8,000	6,446	6,446	🟡
In-Service On-time Performance	62.51%	66.13%	80%	62.67%	62.67%	🟡
Bus Traffic Accidents Per 100,000 Miles	3.01	2.96	2.70	3.76	3.76	🟡
Complaints per 100,000 Boardings	3.58	6.01	3.50	7.00	7.00	🔴

* 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.

🟢 Green - High probability of achieving the FY03 target (on track).

🟡 Yellow - Uncertain if the FY03 target will be achieved -- slight problems, delays or management issues.

🔴 Red - High probability that the FY03 target will not be achieved -- significant problems and/or delays.

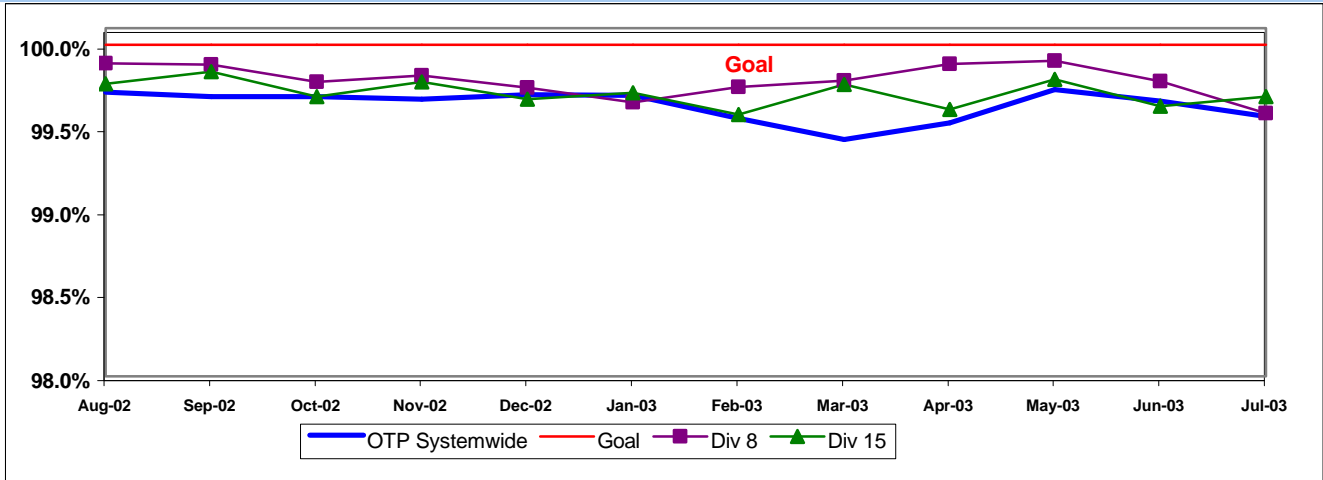
SAN FERNANDO VALLEY SECTOR BUS SERVICE PERFORMANCE

ON-TIME PULLOUT (OTP) PERCENTAGE

Definition: On-time Pullout Performance measures the percentage of buses leaving the operating division within one minute of the scheduled pullout time. The higher the number, the more reliable the service.

Calculation: $OTP\% = [(100\% - ((\text{Total late and cancelled runs} / \text{by Total scheduled pullouts}) \times 100)]$

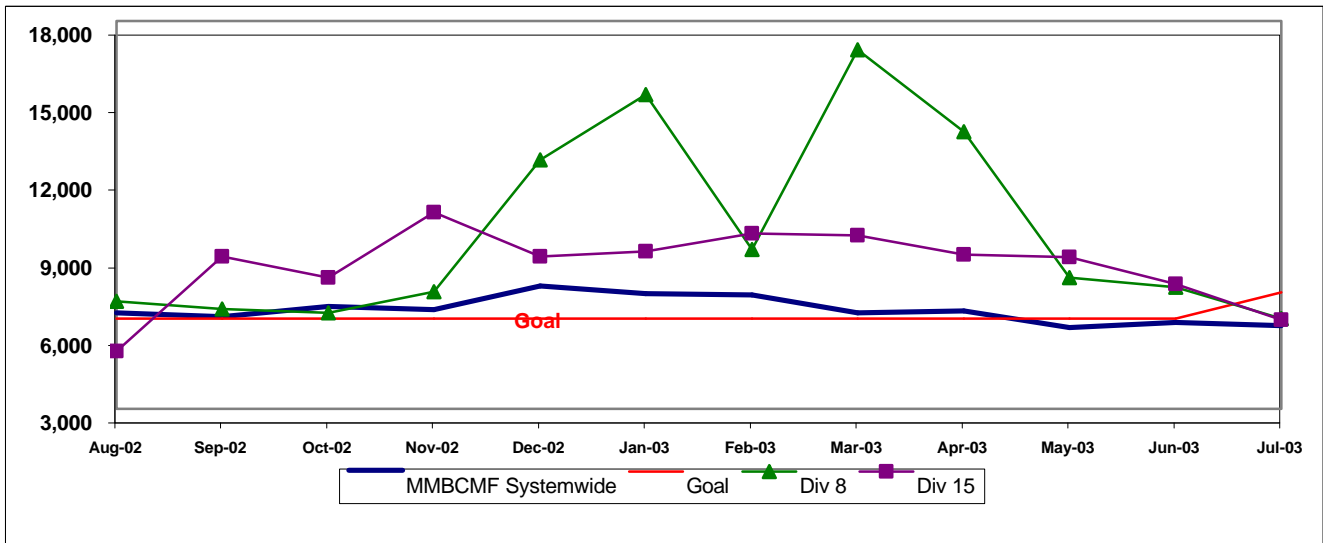
OTP Systemwide and Divisions 8 and 15



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: $MMBCMF = (\text{Total Hub Miles} / \text{by Chargeable Mechanical Related Roadcalls})$



Outlates & Cancellations by Sector's Divisions

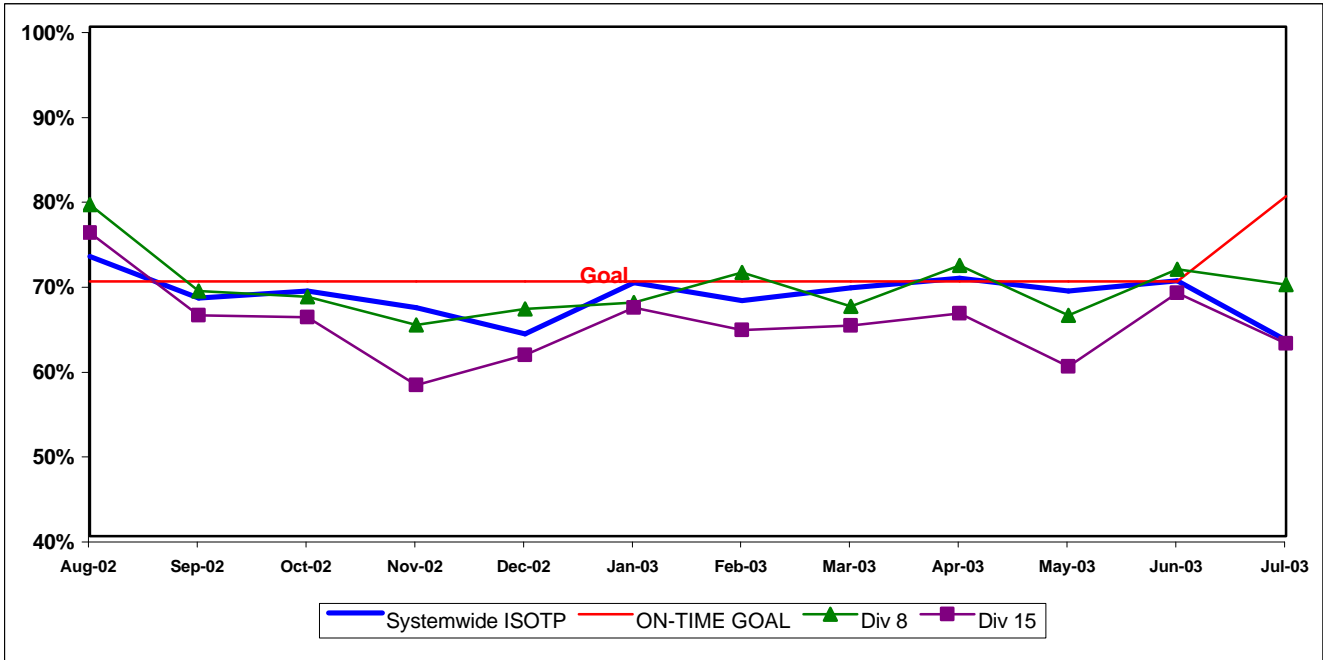
Div.	Sched. Pull-Outs	CANCELLATIONS		OUTLATES		% Total Outlates & Cancellations	ON-TIME PULL-OUT RATE	REASONS FOR OUTLATES and CANCELLATIONS			
		Number	% of Pull-outs	Number	% of Pull-outs			No Operator Available	Bus Mechanical Failure	Other	
San Fernando Valley (SFV)								99.64%			
8	5549	2	0.00%	21	0.22%	4.60%	99.78%	3	20	0	
15	7329	0	0.00%	23	0.37%	10.88%	99.63%	1	19	3	
SYS. TOTAL	73501	26	0.04%	293	0.40%	100.00%	99.57%	48	234	37	

IN-SERVICE ON-TIME PERFORMANCE

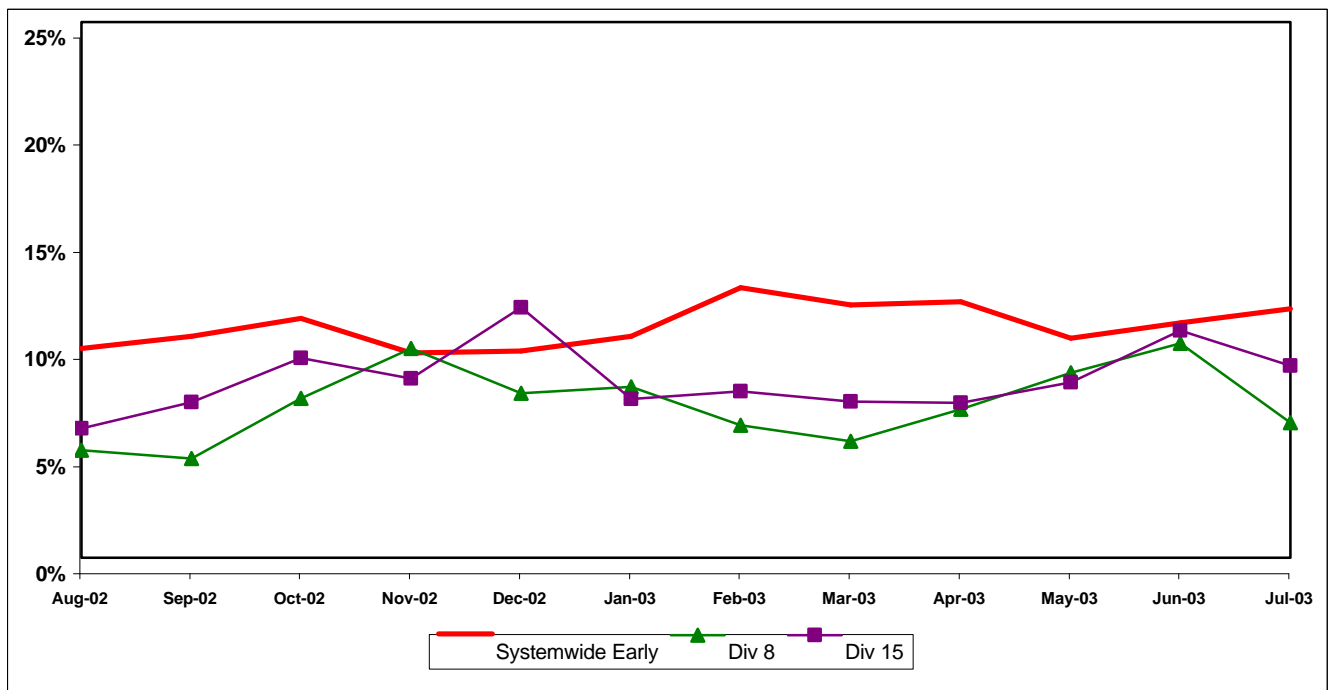
Definition: This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

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

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



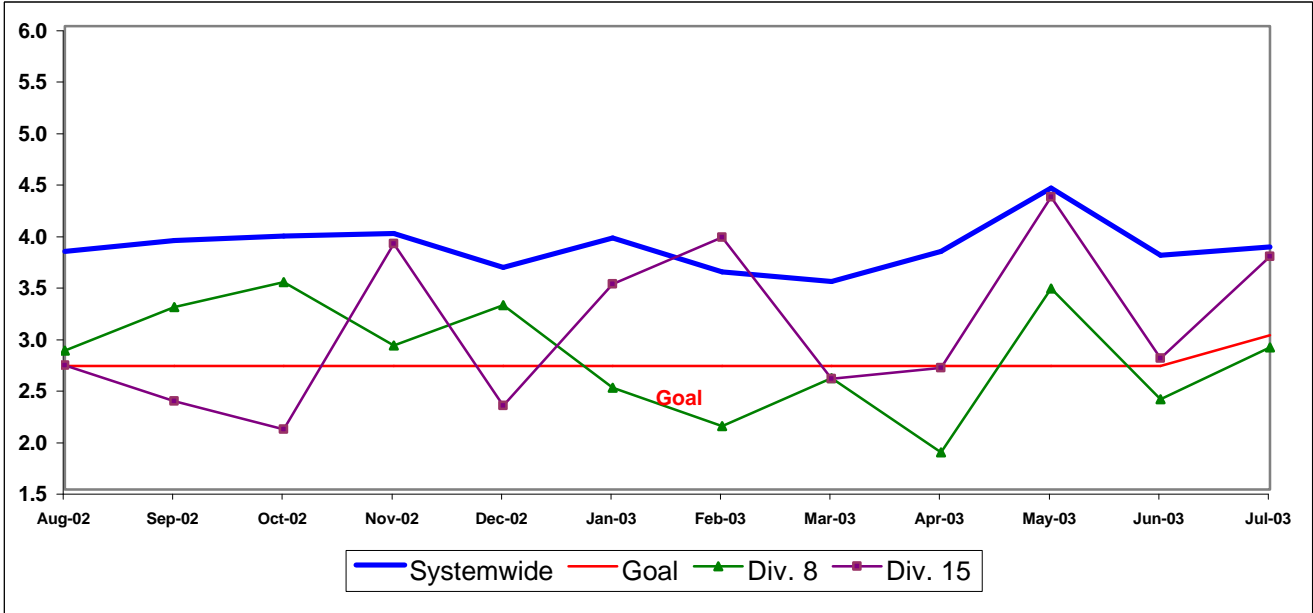
Running Hot - Systemwide and Bus Operating Divisions 8 and 15



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.

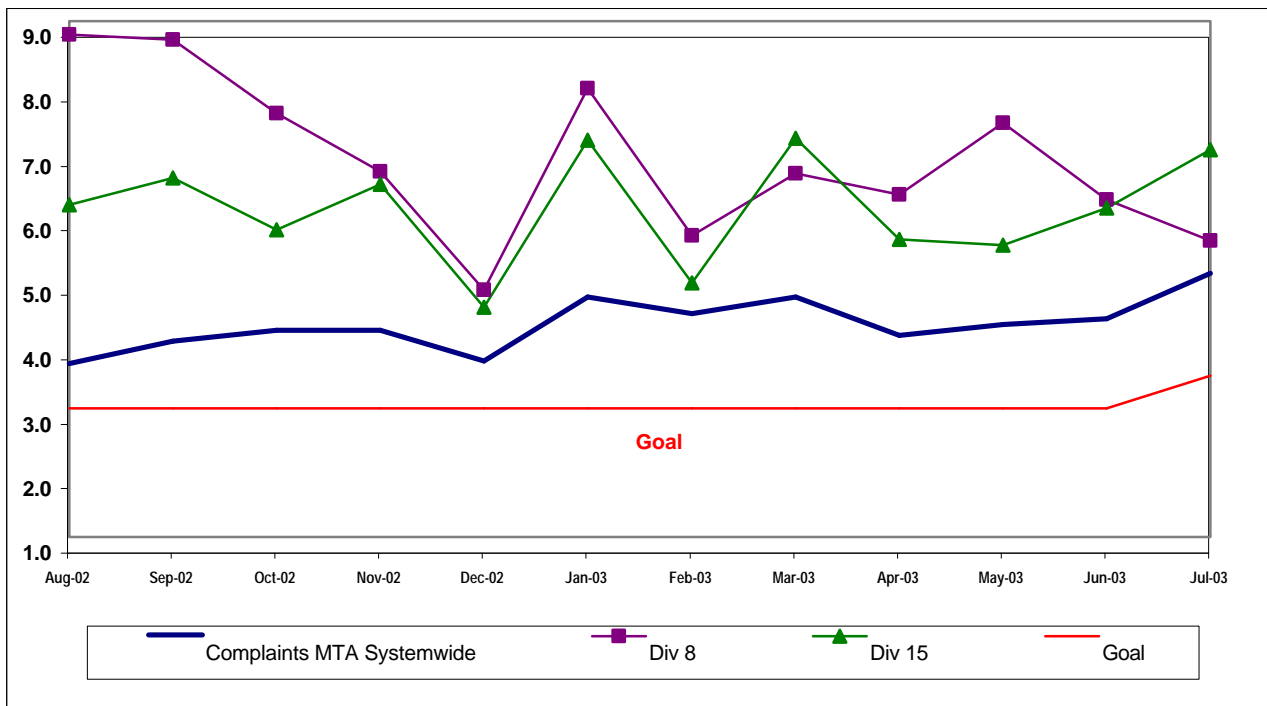
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



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	July Month	Status
Bus Systemwide						
On-Time Pullouts (system)*	99.61%	99.64%	100%	99.57%	99.57%	◊
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)	5,796	6,883	7,500	6,220	6,220	◊
In-Service On-time Performance	64.88%	69.23%	80%	63.74%	63.74%	◊
Bus Traffic Accidents Per 100,000 Miles	3.91	3.86	3.00	3.86	3.86	◊
Complaints per 100,000 Boardings	3.54	4.23	3.50	5.09	5.09	◊
SGV Sector						
On-Time Pullouts*	99.71%	99.77%	100%	99.69%	99.69%	◊
MMBCMF	6,708	7,696	8,000	7,978	7,978	◊
In-Service On-time Performance		70.02%	80%	68.09%	68.09%	◊
Bus Traffic Accidents Per 100,000 Miles	3.23	3.40	3.10	3.20	3.20	◊
Complaints per 100,000 Boardings	3.13	3.57	3.25	4.16	4.16	◊
Division 3						
On-Time Pullouts*	99.69%	99.72%	100%	99.62%	99.62%	◊
MMBCMF	5,538	5,726	8,000	6,048	6,048	◊
In-Service On-time Performance	68.70%	71.08%	80%	70.78%	70.78%	◊
Bus Traffic Accidents Per 100,000 Miles	3.96	4.22	3.10	4.67	4.67	◊
Complaints per 100,000 Boardings	2.61	3.09	3.25	3.18	3.18	◊
Division 9						
On-Time Pullouts*	99.72%	99.83%	100%	99.76%	99.76%	◊
Mean Miles Between Chargeable Mechanical Failures	8,336	11,322	8,000	11,396	11,397	●
In-Service On-time Performance	64.56%	67.47%	80%	63.49%	63.49%	◊
Bus Traffic Accidents Per 100,000 Miles	2.56	2.64	3.10	1.88	1.88	●
Complaints per 100,000 Boardings	3.90	4.31	3.25	6.25	6.25	◊

* 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.

● Green - High probability of achieving the FY03 target (on track).

◊ Yellow - Uncertain if the FY03 target will be achieved -- slight problems, delays or management issues.

■ Red - High probability that the FY03 target will not be achieved -- significant problems and/or delays.

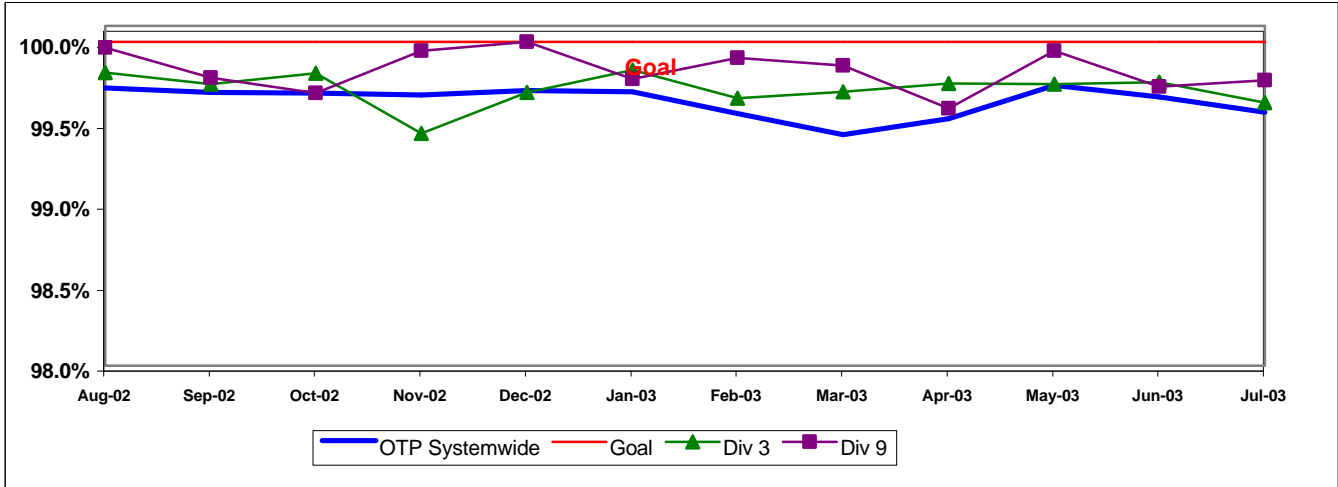
SAN GABRIEL VALLEY SECTOR (SGV) BUS SERVICE PERFORMANCE

ON-TIME PULLOUT (OTP) PERCENTAGE

Definition: On-time Pullout Performance measures the percentage of buses leaving the operating division within one minute of the scheduled pullout time. The higher the number, the more reliable the service.

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

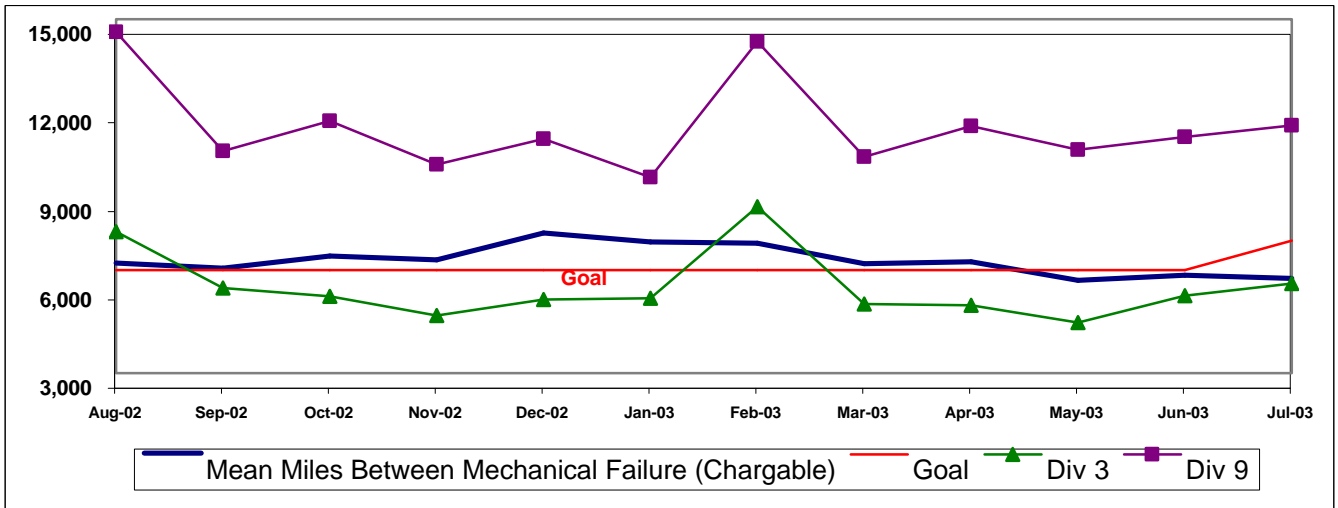
OTP - Systemwide and Divisions 3 and 9



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



Outlates & Cancellations by Sector Division

Div.	Sched. Pull-Outs	CANCELLATIONS		OUTLATES		% Total Outlates & Cancellations	ON-TIME PULL-OUT RATE	REASONS FOR OUTLATES and CANCELLATIONS		
		Number	% of Pull-outs	Number	% of Pull-outs			No Operator Available	Bus Mechanical Failure	Other
San Gabriel Valley (SGV)										
3	6122	0	0.07%	23	0.18%	6.28%	99.75%	0	23	0
9	5519	7	0.04%	6	0.24%	6.28%	99.73%	7	5	1
SYS. TOTAL	73501	26	0.04%	293	0.40%	100.00%	99.57%	48	234	37

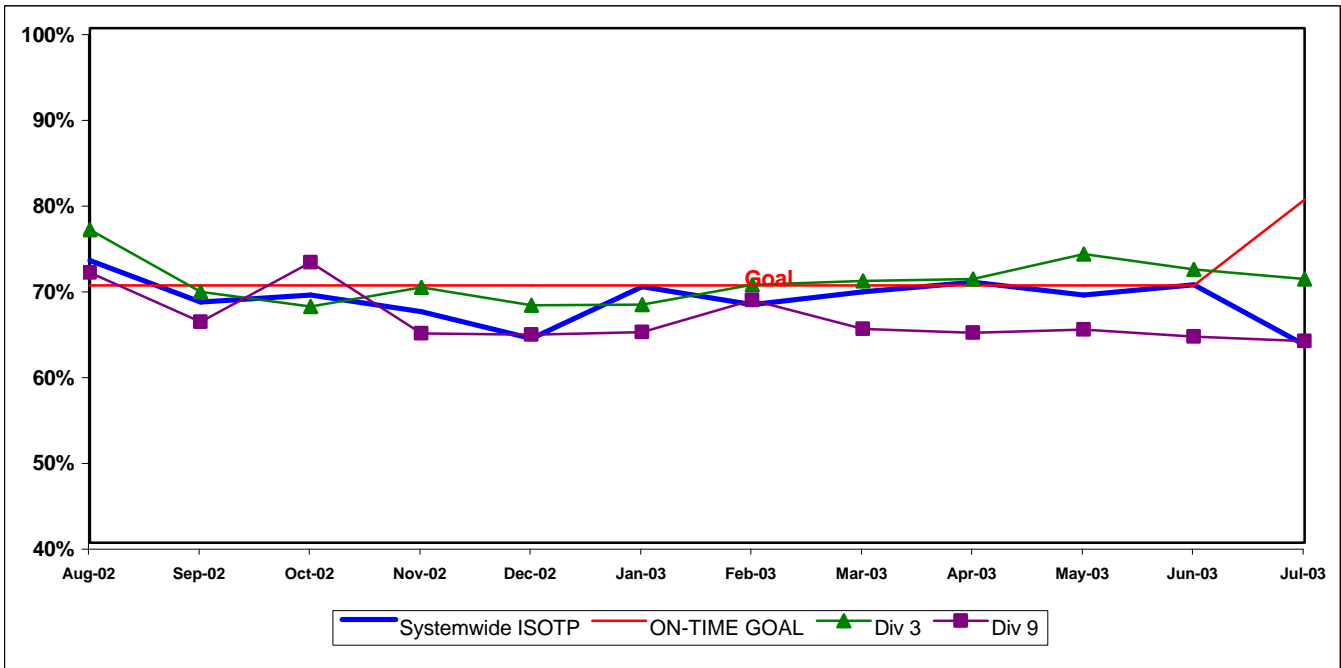
SGV SECTOR BUS SERVICE PERFORMANCE - Continued

IN-SERVICE ON-TIME PERFORMANCE

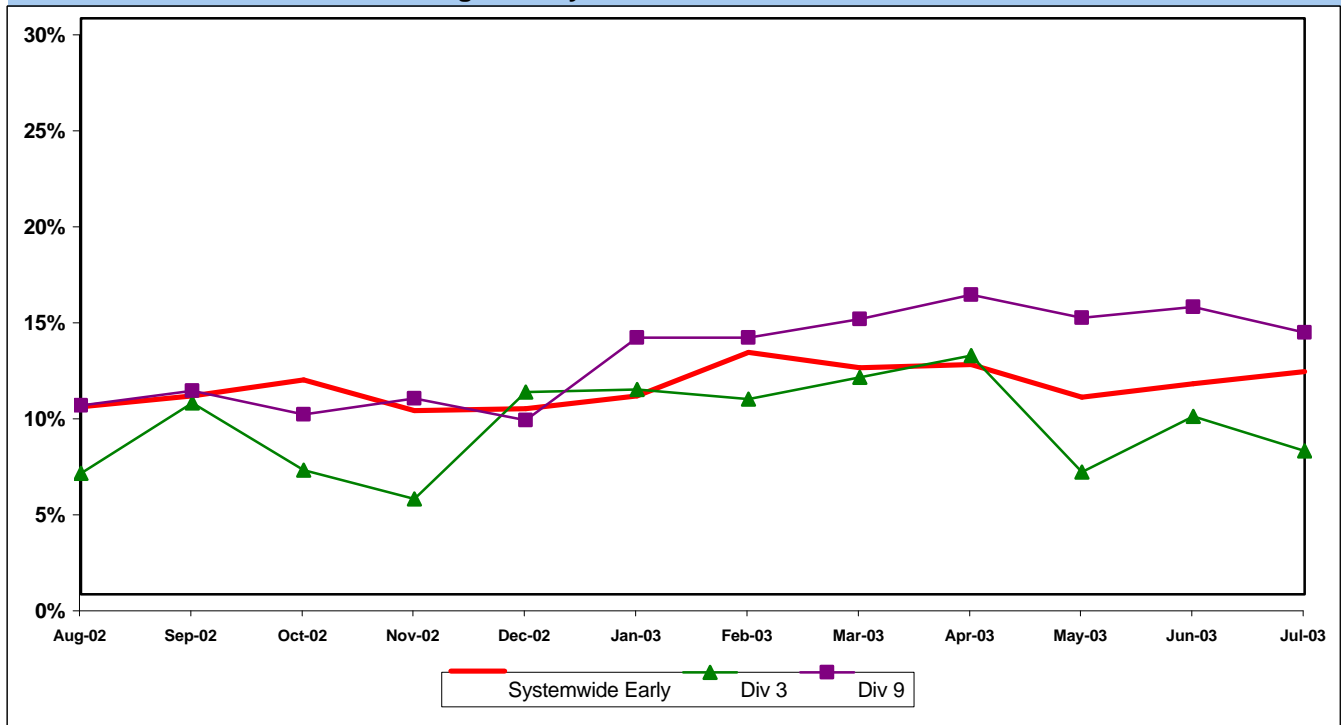
Definition: This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

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

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



Running Hot - Systemwide and Divisions 3 and 9

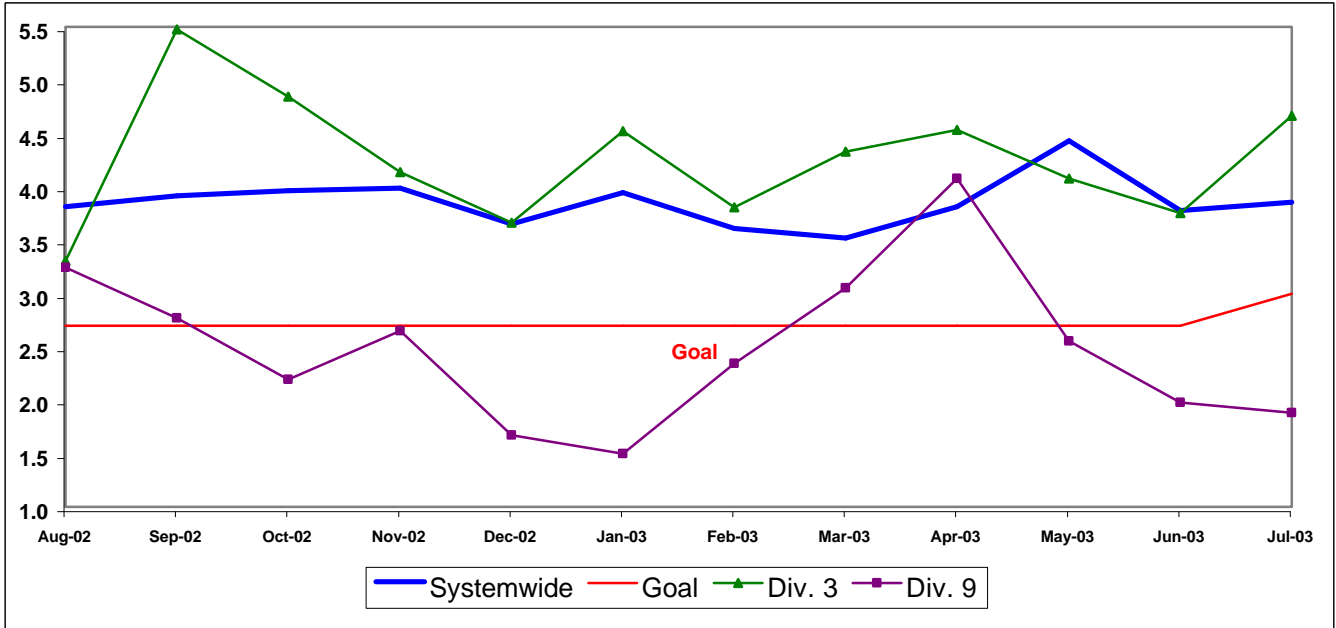


SGV SECTOR BUS SERVICE PERFORMANCE - Continued

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.

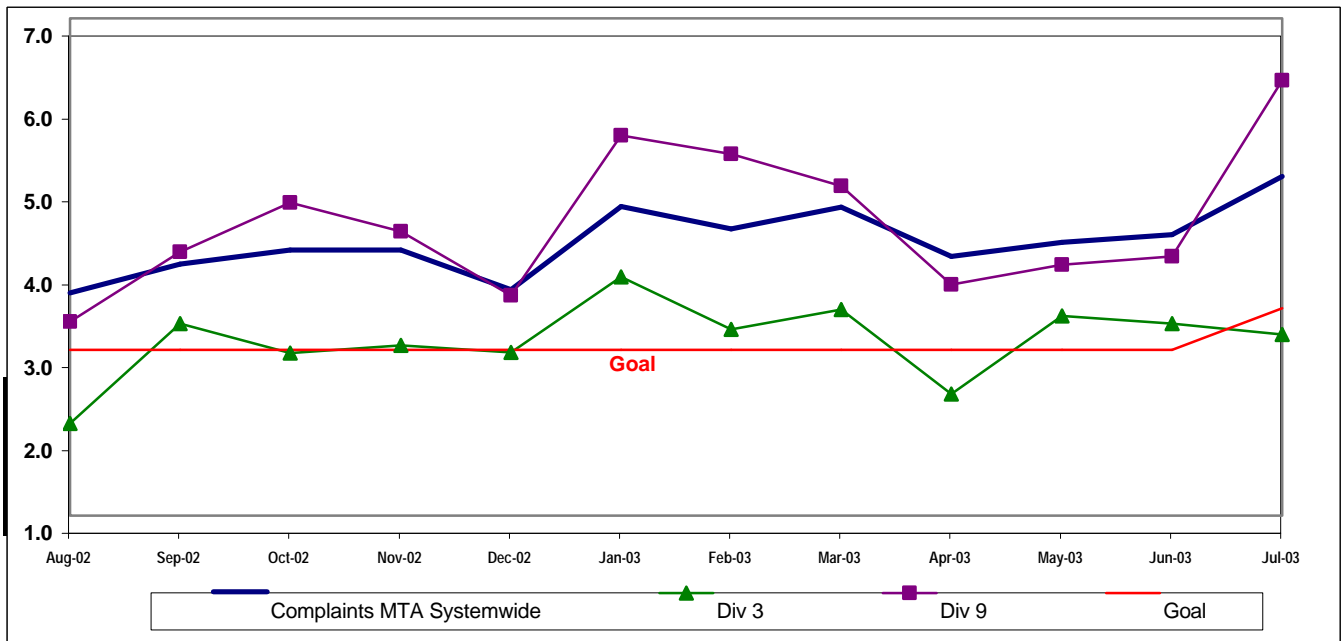
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



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	July Month	Status
Bus Systemwide						
On-Time Pullouts (system) *	99.61%	99.64%	100%	99.57%	99.57%	
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)	5,796	6,883	7,500	6,220	6,220	
In-Service On-time Performance	64.88%	69.23%	80%	63.74%	63.74%	
Bus Traffic Accidents Per 100,000 Miles	3.91	3.86	3.00	3.86	3.86	
Complaints per 100,000 Boardings	3.54	4.23	3.50	5.09	5.09	
GC Sector						
On-Time Pullouts *	99.64%	99.78%	100%	99.83%	99.83%	
MMBCMF	6,726	7,800	8,000	6,761	6,761	
In-Service On-time Performance		74.53%	80%	66.39%	66.39%	
Bus Traffic Accidents Per 100,000 Miles	4.49	4.07	3.30	4.26	4.26	
Complaints per 100,000 Boardings	2.07	2.63	2.50	3.35	3.35	
Division 1						
On-Time Pullouts *	99.84%	99.81%	100%	99.77%	99.77%	
MMBCMF	8,510	9,863	8,000	5,616	5,616	
In-Service On-time Performance	74.95%	78.22%	80%	67.78%	67.78%	
Bus Traffic Accidents Per 100,000 Miles	4.51	3.39	3.30	4.04	4.04	
Complaints per 100,000 Boardings	1.76	2.26	2.50	3.60	3.60	
Division 2						
On-Time Pullouts *	99.44%	99.75%	100%	99.88%	99.88%	
MMBCMF	5,514	6,398	8,000	8,446	8,446	
In-Service On-time Performance	63.01%	67.53%	80%	64.27%	64.27%	
Bus Traffic Accidents Per 100,000 Miles	4.48	4.78	3.30	4.49	4.49	
Complaints per 100,000 Boardings	2.38	3.07	2.50	3.08	3.08	

* 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.

Green - High probability of achieving the FY03 target (on track).

Yellow - Uncertain if the FY03 target will be achieved -- slight problems, delays or management issues.

Red - High probability that the FY03 target will not be achieved -- significant problems and/or delays.

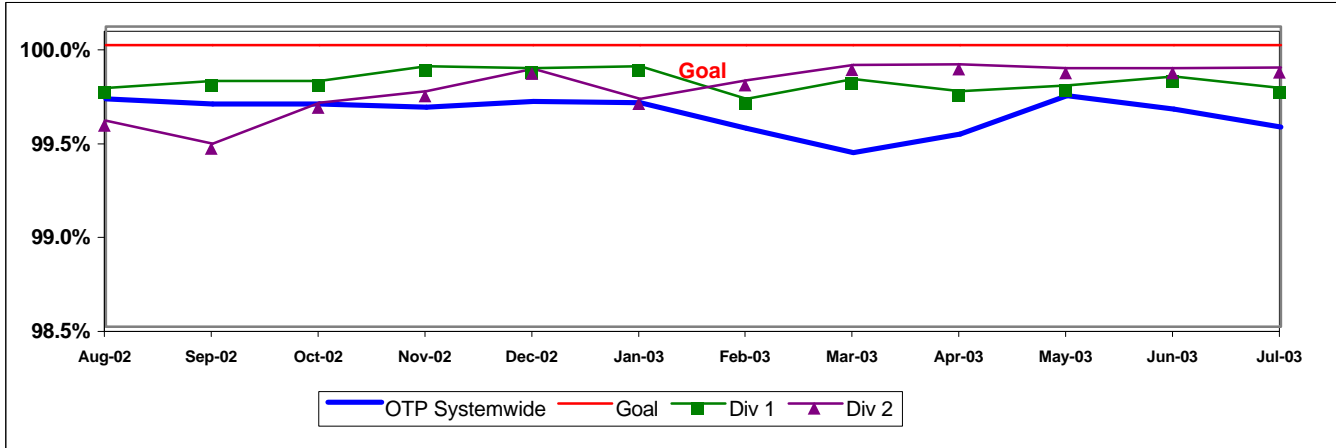
GATEWAY CITIES SECTOR BUS SERVICE PERFORMANCE

ON-TIME PULLOUT (OTP) PERCENTAGE

Definition: On-time Pullout Performance measures the percentage of buses leaving the operating division within one minute of the scheduled pullout time. The higher the number, the more reliable the service.

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

OTP - Systemwide and Divisions 1 and 2

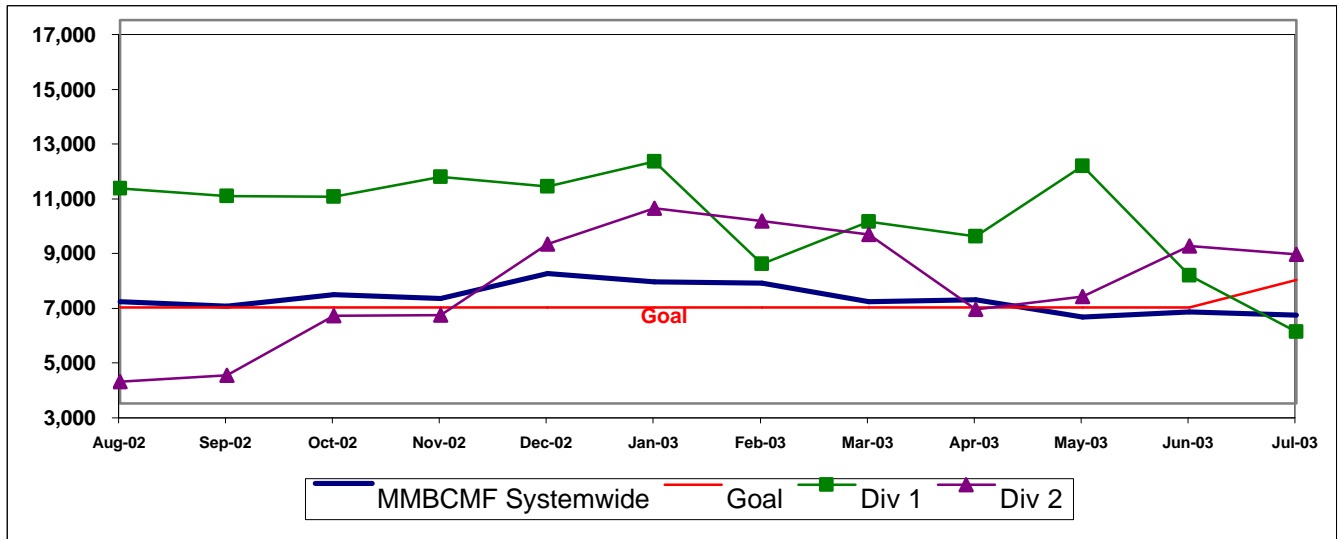


MEAN MILES BETWEEN CHARGEABLE MECHANICAL FAILURES

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



Outlates & Cancellations by Sector's Divisions

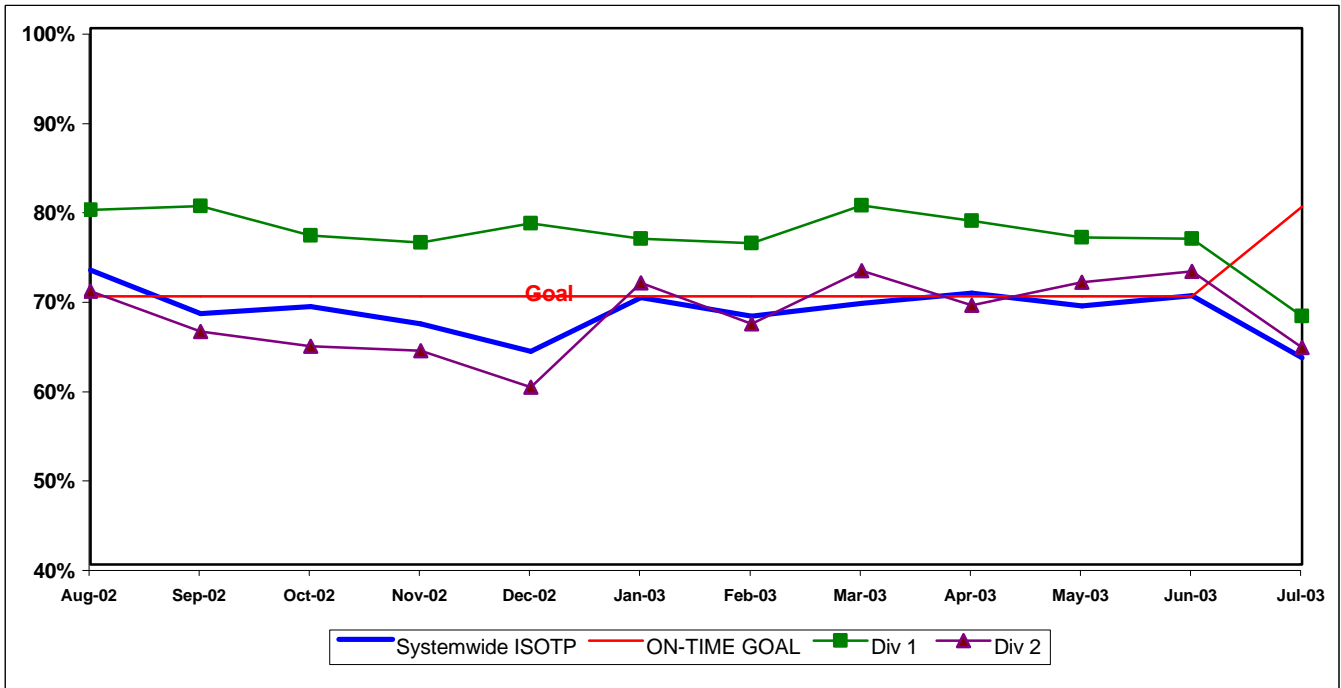
Div.	Sched. Pull-Outs	CANCELLATIONS		OUTLATES		% Total Outlates & Cancellations	ON-TIME PULL-OUT RATE	REASONS FOR OUTLATES and CANCELLATIONS		
		Number	% of Pull-outs	Number	% of Pull-outs			No Operator Available	Bus Mechanical Failure	Other
Gateway Cities (GWC)							99.85%			
1	6180	0	0.00%	14	0.17%	4.18%	99.83%	3	10	1
2	5846	0	0.00%	7	0.12%	2.93%	99.88%	1	4	2
SYS. TOTAL	73501	26	0.04%	293	0.40%	100.00%	99.57%	48	234	37

IN-SERVICE ON-TIME PERFORMANCE

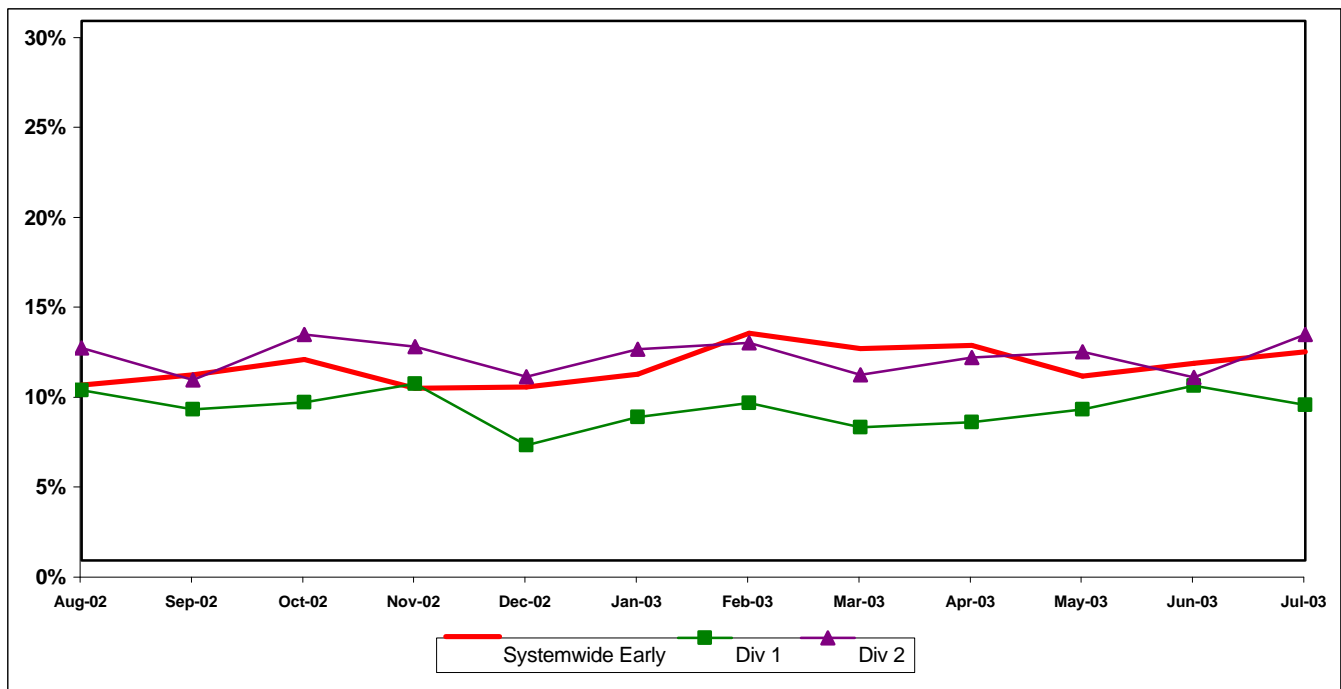
Definition: This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

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

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



Running Hot - Systemwide and Divisions 1 and 2

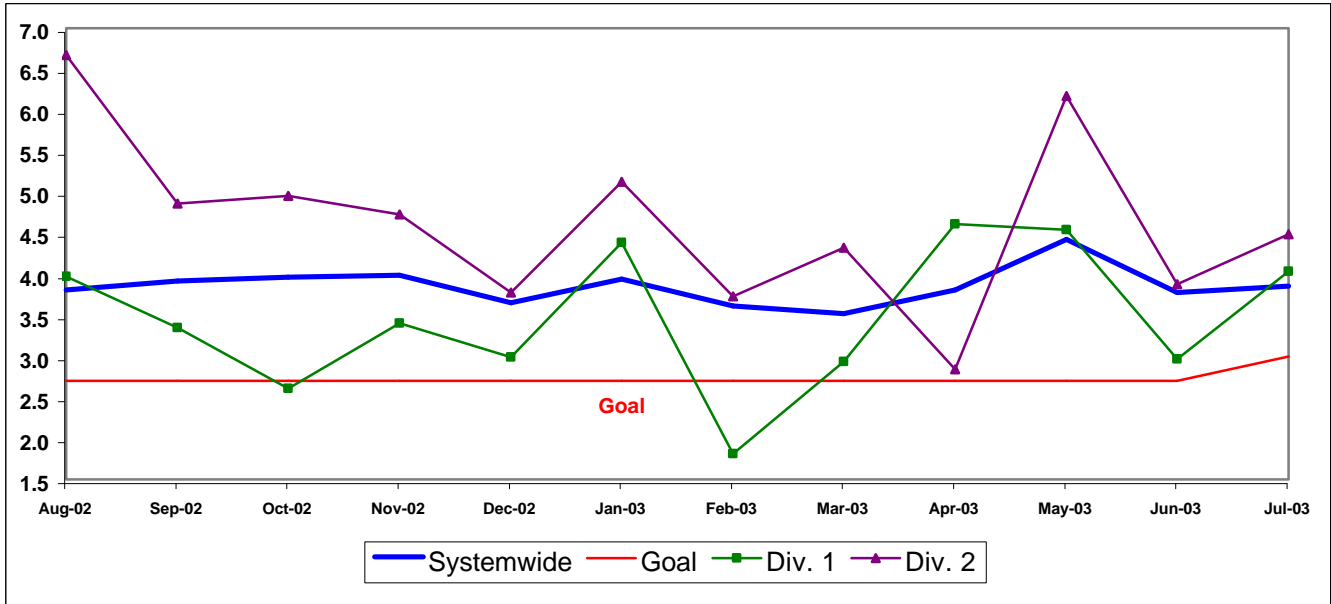


GC SECTOR BUS SERVICE PERFORMANCE - Continued

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.

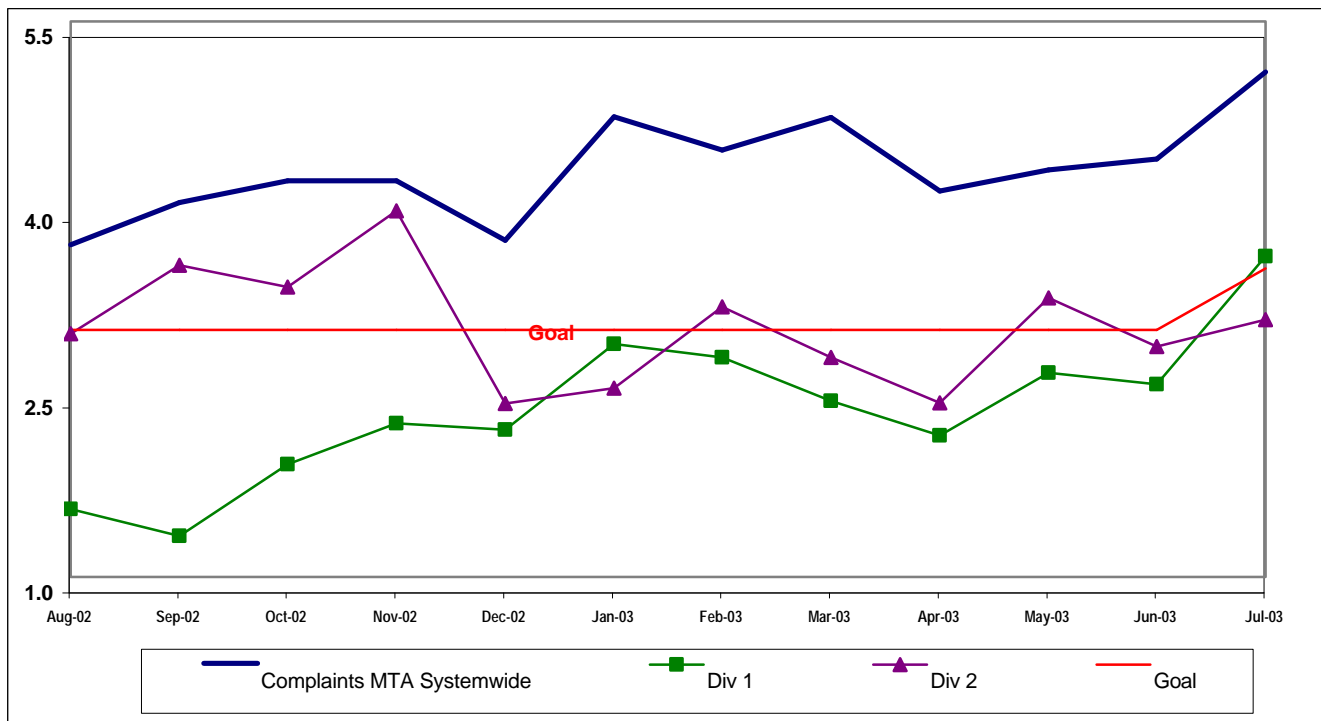
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



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	July Month	Status
Bus Systemwide						
On-Time Pullouts (system) *	99.61%	99.64%	100%	99.57%	99.57%	
Mean Miles Between Chargeable Mechanical Failures	5,796	6,883	7,500	6,220	6,220	
In-Service On-time Performance	64.88%	69.23%	80%	63.74%	63.74%	
Bus Traffic Accidents Per 100,000 Miles	3.91	3.86	3.00	4.35	4.35	
Complaints per 100,000 Boardings	3.54	4.23	3.50	5.09	5.09	
SB Sector						
On-Time Pullouts *	99.75%	99.68%	100%	99.64%	99.64%	
MMBCMF	5,665	6,237	7,500	5,829	5,829	
In-Service On-time Performance		63.67%	80%	57.61%	57.61%	
Bus Traffic Accidents Per 100,000 Miles	4.03	4.00	2.70	4.02	4.02	
Complaints per 100,000 Boardings	3.42	4.02	3.50	5.21	5.21	
Division 5						
On-Time Pullouts *	99.74%	99.70%	100%	99.73%	99.73%	
MMBCMF	8,883	8,756	7,500	10,651	10,651	
In-Service On-time Performance	63.31%	66.30%	80%	60.59%	60.59%	
Bus Traffic Accidents Per 100,000 Miles	4.35	4.58	2.70	3.38	3.38	
Complaints per 100,000 Boardings	2.47	2.86	3.50	3.15	3.15	
Division 18						
On-Time Pullouts *	99.76%	99.68%	100%	99.57%	99.57%	
MMBCMF	4,514	5,144	7,500	4,263	4,263	
In-Service On-time Performance	60.19%	61.23%	80%	56.06%	56.06%	
Bus Traffic Accidents Per 100,000 Miles	3.80	3.57	2.70	4.54	4.54	
Complaints per 100,000 Boardings	4.39	5.26	3.50	7.40	7.40	

* 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.

Green - High probability of achieving the FY03 target (on track).

Yellow - Uncertain if the FY03 target will be achieved -- slight problems, delays or management issues.

Red - High probability that the FY03 target will not be achieved -- significant problems and/or delays.

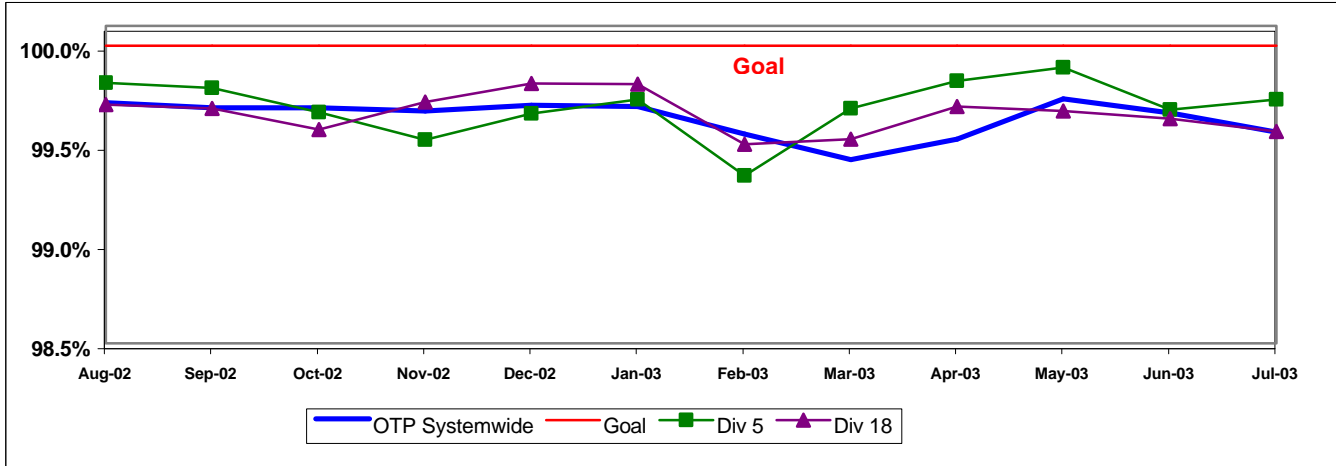
SOUTH BAY SECTOR (SB) BUS SERVICE PERFORMANCE

ON-TIME PULLOUT (OTP) PERCENTAGE

Definition: On-time Pullout Performance measures the percentage of buses leaving the operating division within one minute of the scheduled pullout time. The higher the number, the more reliable the service.

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

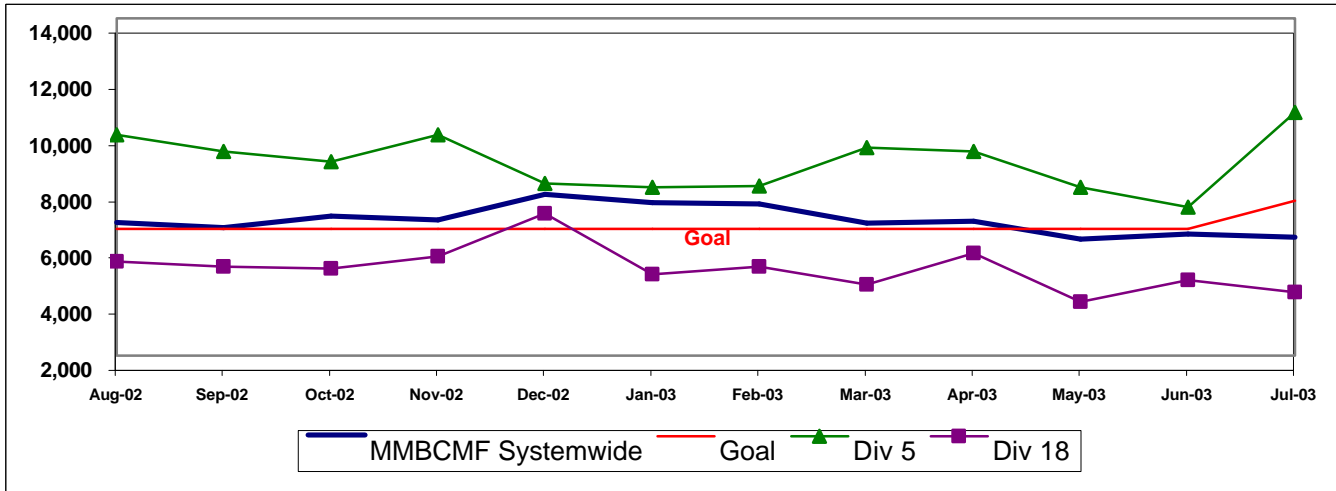
OTP - Systemwide Trend and Division 5 and 18



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



Outlates & Cancellations by Sector's Divisions

Div.	Sched. Pull-Outs	CANCELLATIONS		OUTLATES		% Total Outlates & Cancellations	ON-TIME PULL-OUT RATE	REASONS FOR OUTLATES and CANCELLATIONS		
		Number	% of Pull-outs	Number	% of Pull-outs			No Operator Available	Bus Mechanical Failure	Other
South Bay (SB)								99.65%		
5	7777	0	0.00%	21	0.32%	9.62%	99.68%	1	17	3
18	9026	0	0.00%	39	0.37%	13.81%	99.63%	6	28	5
SYS.										
TOTAL	73501	26	0.04%	293	0.40%	100.00%	99.57%	48	234	37

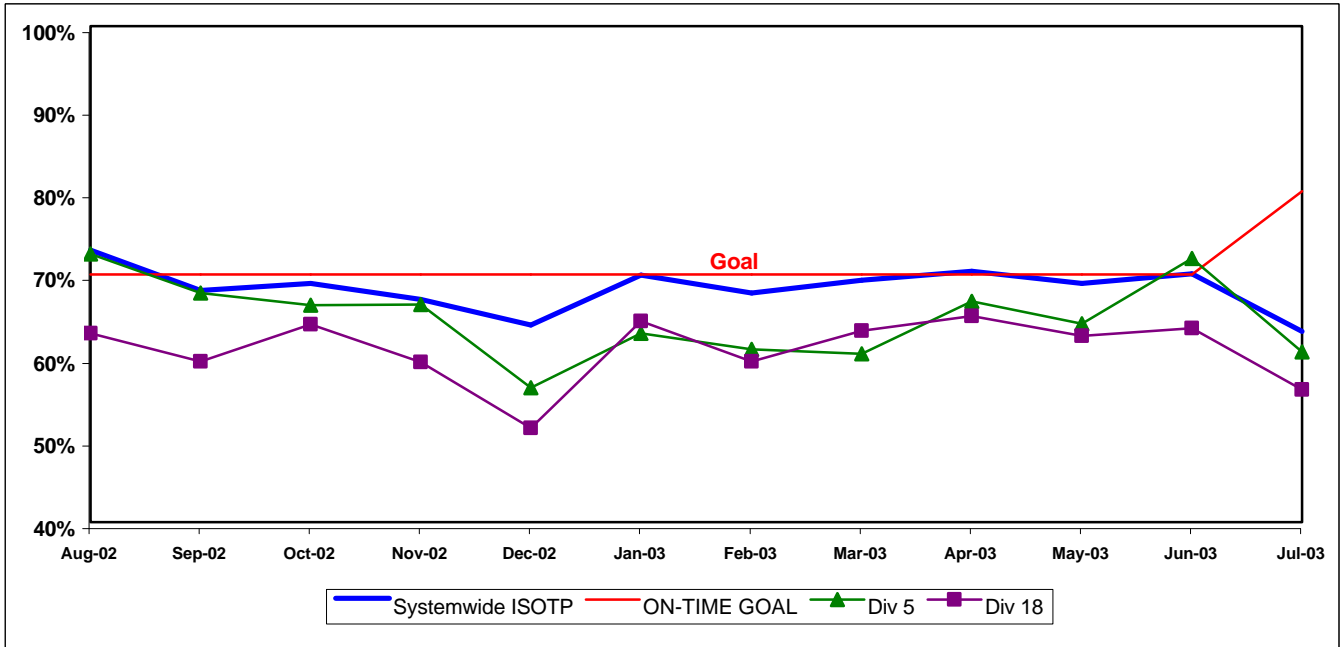
SB SECTOR BUS SERVICE PERFORMANCE - Continued

IN-SERVICE ON-TIME PERFORMANCE

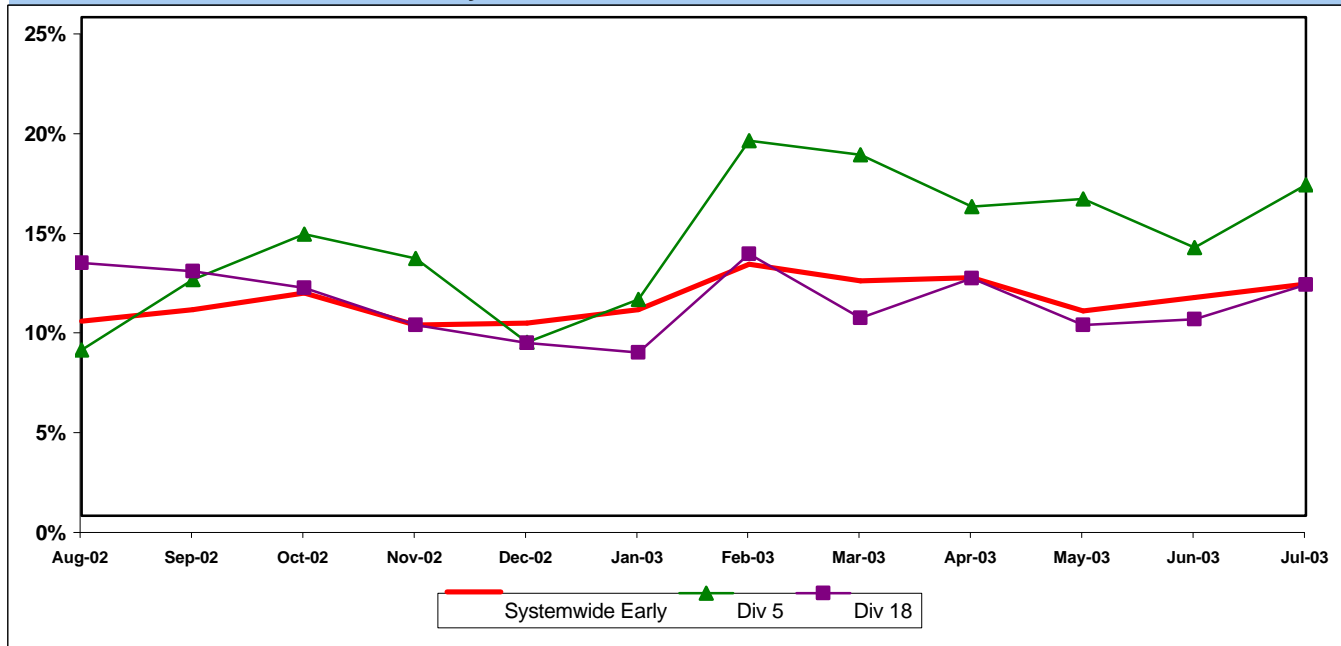
Definition: This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

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

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



**Running Hot
Systemwide and Divisions 5 and 18**

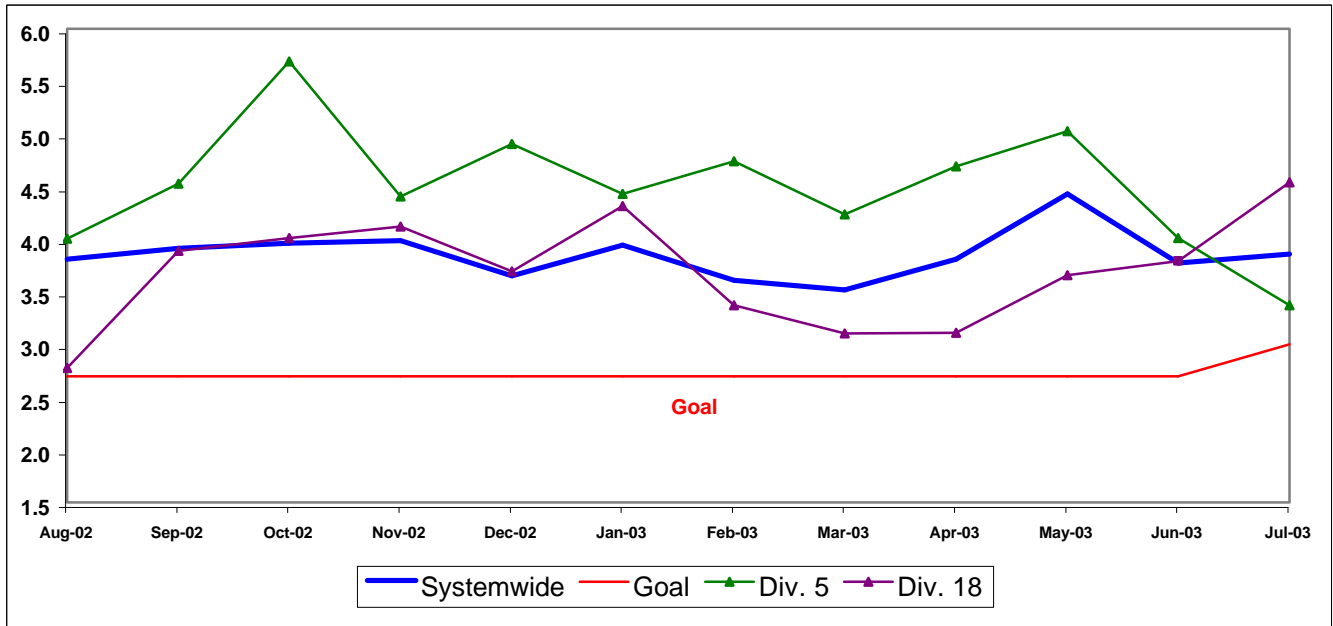


SB SECTOR BUS SERVICE PERFORMANCE - Continued

**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.

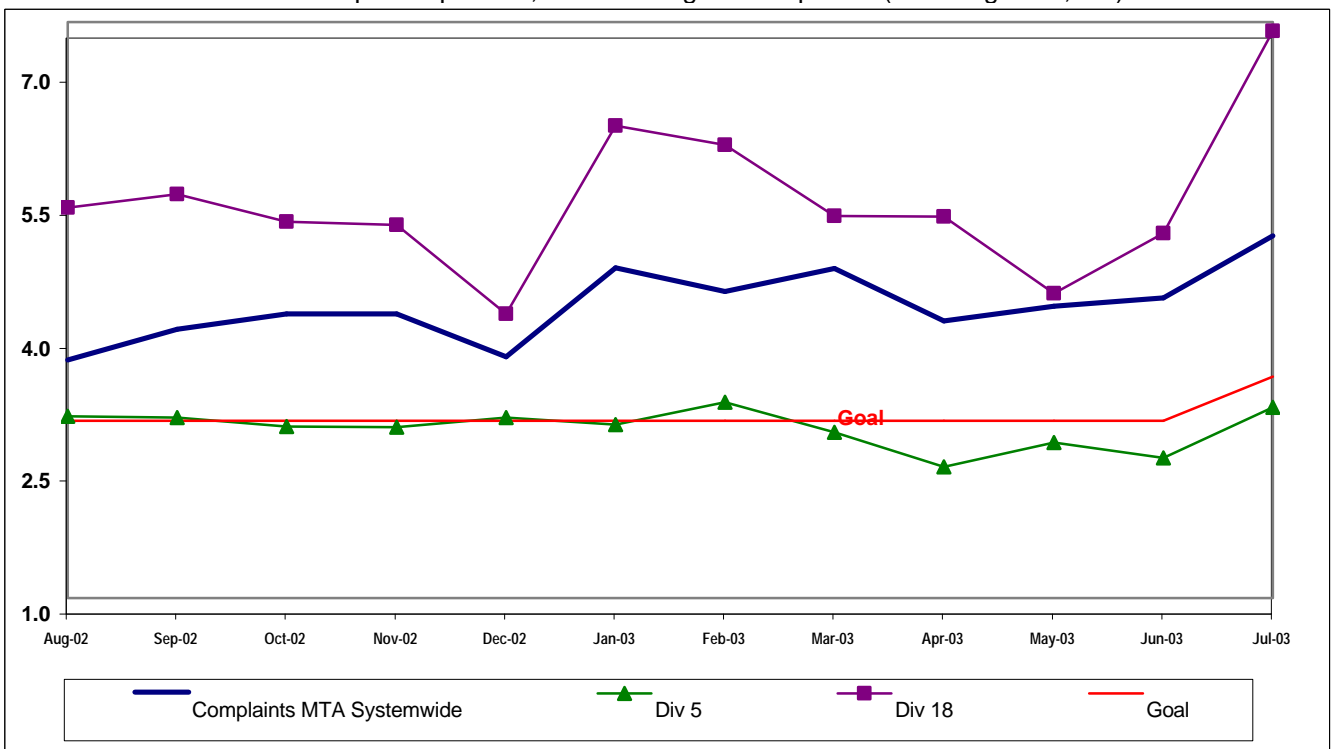
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



**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	July Month	Status
Bus Systemwide						
On-Time Pullouts (system) *	99.61%	99.64%	100%	99.57%	99.57%	🟡
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)	5,796	6,883	7,500	6,220	6,220	🟡
In-Service On-time Performance	64.88%	69.23%	80%	63.74%	63.74%	🟡
Bus Traffic Accidents Per 100,000 Miles	3.91	3.86	3.00	3.86	3.86	🟡
Complaints per 100,000 Boardings	3.54	4.23	3.50	5.09	5.09	🟡
WC Sector						
On-Time Pullouts *	99.59%	99.37%	100%	99.23%	99.23%	🟡
MMBCMF	6,099	5,720	7,500	5,274	5,274	🟡
In-Service On-time Performance		67.88%	80%	64.00%	64.00%	🟡
Bus Traffic Accidents Per 100,000 Miles	4.69	4.72	3.75	4.35	4.35	🟡
Complaints per 100,000 Boardings	3.33	4.84	3.75	6.24	6.24	🟡
Division 6						
On-Time Pullouts *	99.73%	99.85%	100%	99.87%	99.87%	🟡
MMBCMF	9,241	8,335	7,500	11,819	11,819	🟢
In-Service On-time Performance	64.64%	65.93%	80%	64.54%	64.54%	🟡
Bus Traffic Accidents Per 100,000 Miles	4.18	4.52	3.75	1.59	1.59	🟢
Complaints per 100,000 Boardings	4.51	6.10	3.75	11.03	11.03	🔴
Division 7						
On-Time Pullouts *	99.59%	99.38%	100%	99.20%	99.20%	🟡
MMBCMF	6,942	5,389	7,500	4,943	4,943	🟡
In-Service On-time Performance	67.96%	68.80%	80%	64.99%	64.99%	🟡
Bus Traffic Accidents Per 100,000 Miles	5.23	4.95	3.75	5.46	5.46	🟡
Complaints per 100,000 Boardings	3.36	4.74	3.75	6.65	6.65	🟡
Division 10						
On-Time Pullouts *	99.56%	99.26%	100%	99.08%	99.08%	🟡
MMBCMF	5,121	5,734	7,500	5,003	5,003	🟡
In-Service On-time Performance	63.56%	67.34%	80%	62.90%	62.90%	🟡
Bus Traffic Accidents Per 100,000 Miles	4.23	4.55	3.75	3.96	3.96	🟡
Complaints per 100,000 Boardings	3.13	4.73	3.75	5.12	5.12	🟡

* 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.

🟢 Green - High probability of achieving the FY03 target (on track).

🟡 Yellow - Uncertain if the FY03 target will be achieved -- slight problems, delays or management issues.

🔴 Red - High probability that the FY03 target will not be achieved -- significant problems and/or delays.

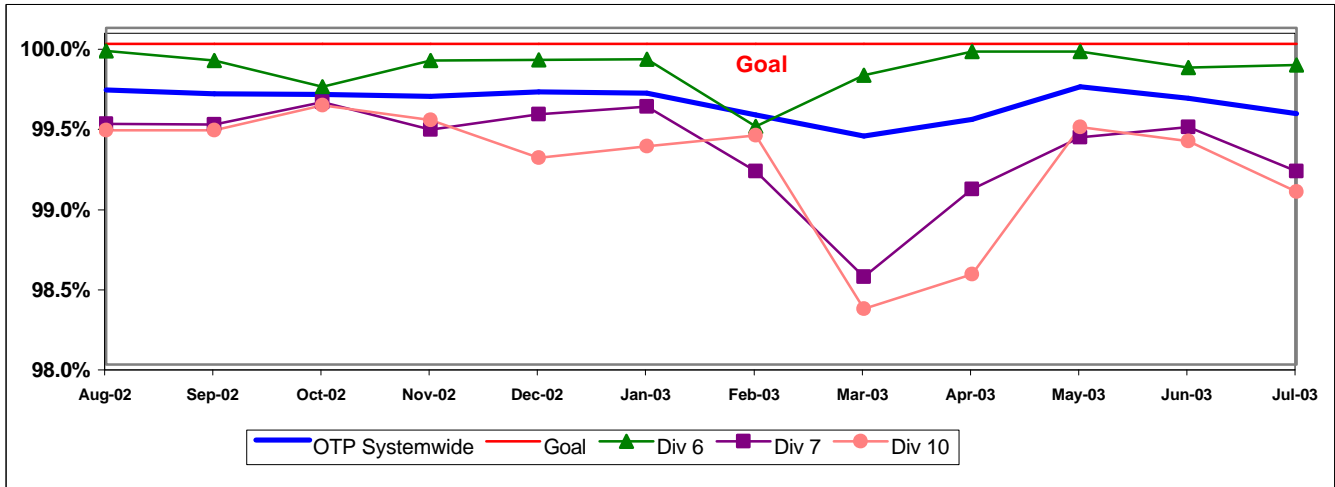
WESTSIDE/CENTRAL SECTOR (WC) BUS SERVICE PERFORMANCE

ON-TIME PULLOUT (OTP) PERCENTAGE

Definition: On-time Pullout Performance measures the percentage of buses leaving the operating division within one minute of the scheduled pullout time. The higher the number, the more reliable the service.

Calculation: $OTP\% = [(100\% - ((\text{Total late and cancelled runs} / \text{by Total scheduled pullouts}) \times 100)]$

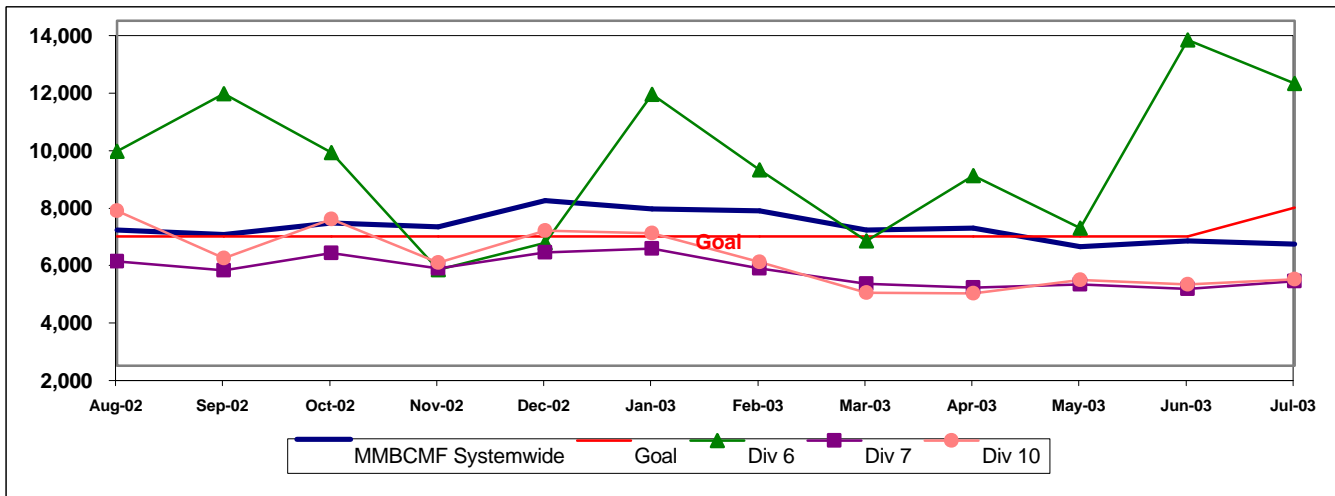
OTP - Systemwide Trend and Divisions 6, 7 and 10



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: $MMBCMF = (\text{Total Hub Miles} / \text{by Chargeable Mechanical Related Roadcalls})$



Outlates & Cancellations by Sector Division

Div.	Sched. Pull-Outs	CANCELLATIONS		OUTLATES		% Total Outlates & Cancellations	ON-TIME PULL-OUT RATE	REASONS FOR OUTLATES and CANCELLATIONS		
		Number	% of Pull-outs	Number	% of Pull-outs			No Operator Available	Bus Mechanical Failure	Other
Westside/Central (WC)								99.47%		
6	2314	0	0.00%	3	0.15%	1.26%	99.85%	0	2	1
7	9046	8	0.05%	64	0.48%	17.57%	99.47%	8	52	12
10	8793	9	0.00%	72	0.61%	22.59%	99.39%	18	54	9
SYS. TOTAL	73501	26	0.04%	293	0.40%	100.00%	99.57%	48	234	37

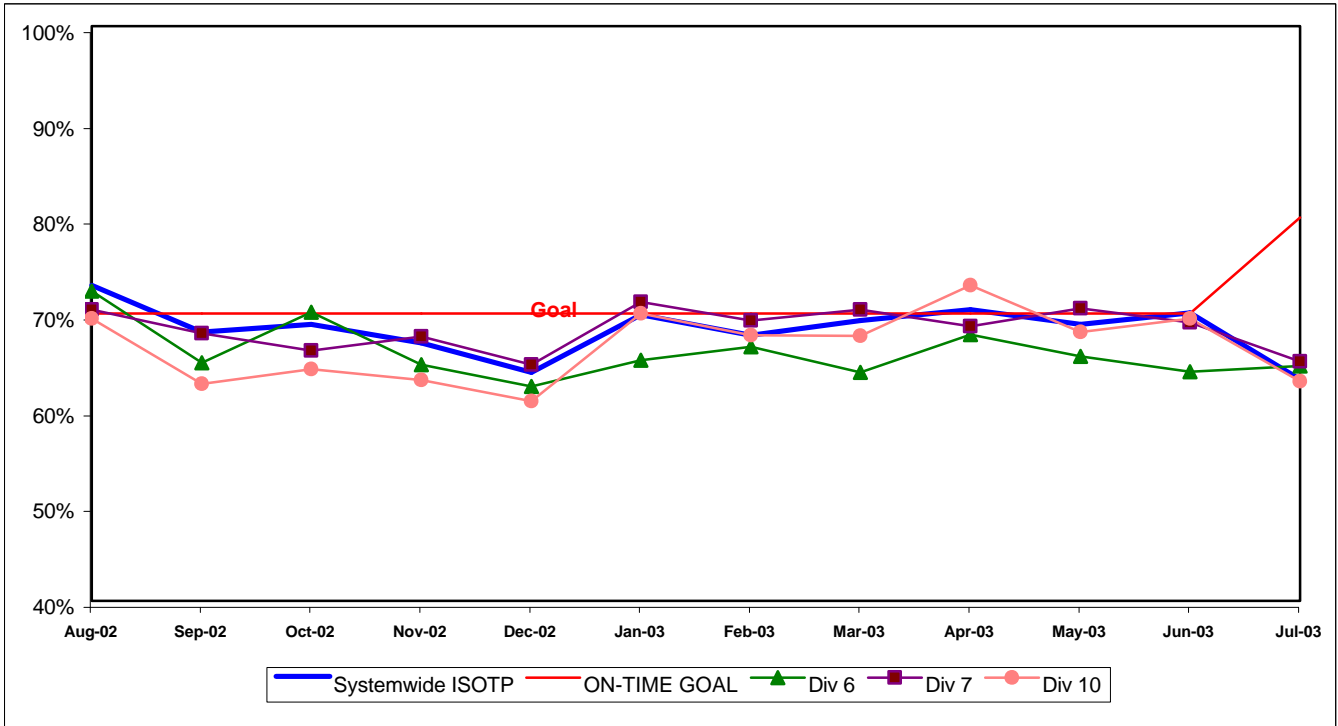
WC SECTOR BUS SERVICE PERFORMANCE - Continued

IN-SERVICE ON-TIME PERFORMANCE

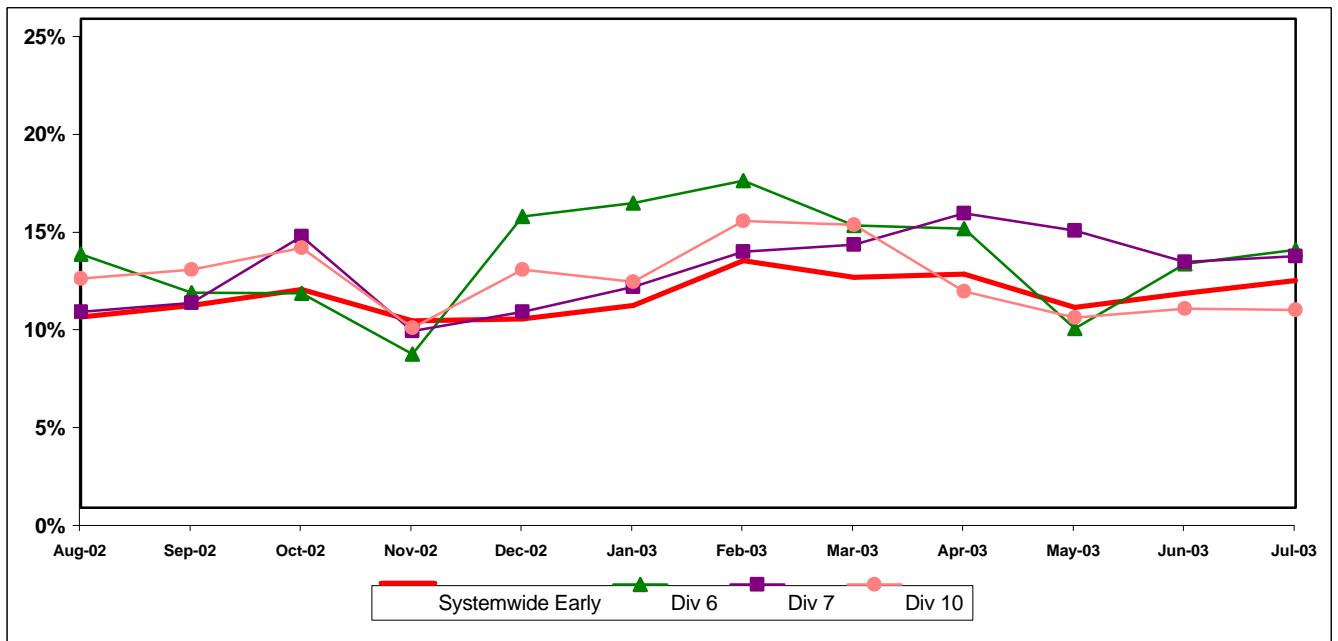
Definition: This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

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

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



Running Hot - Systemwide and Divisions 6, 7 and 10

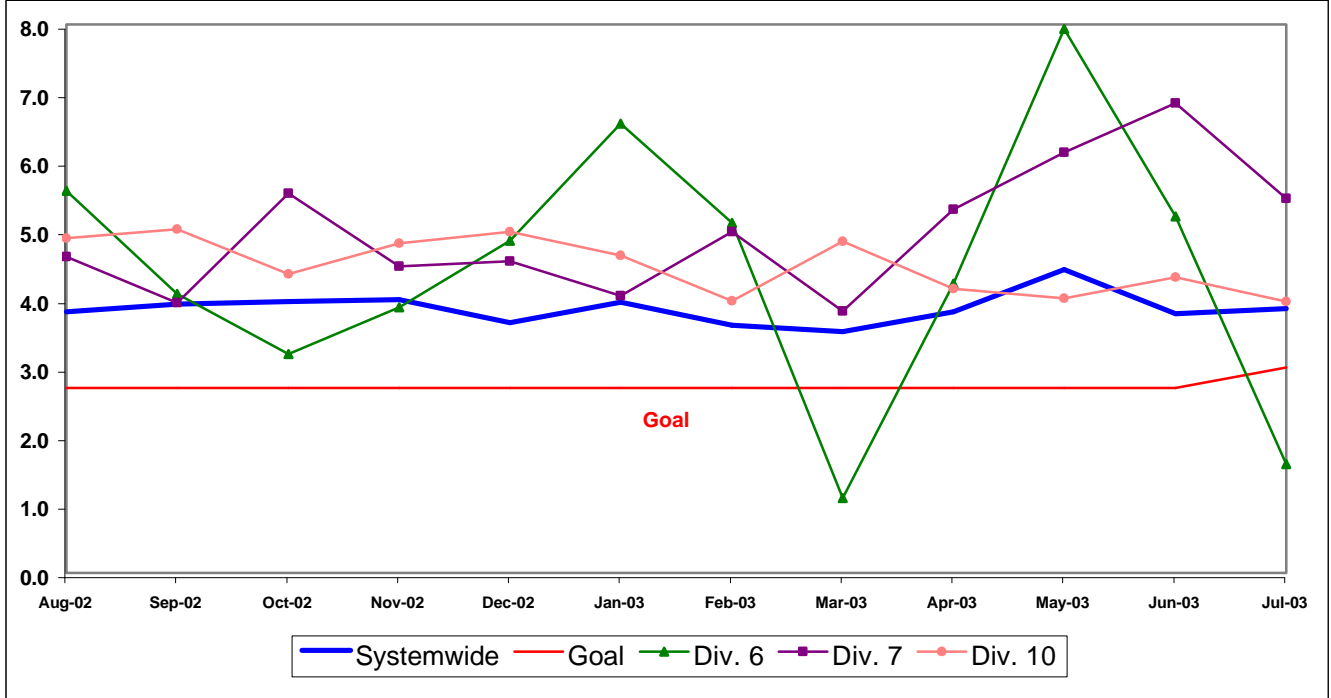


WC SECTOR BUS SERVICE PERFORMANCE - Continued

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.

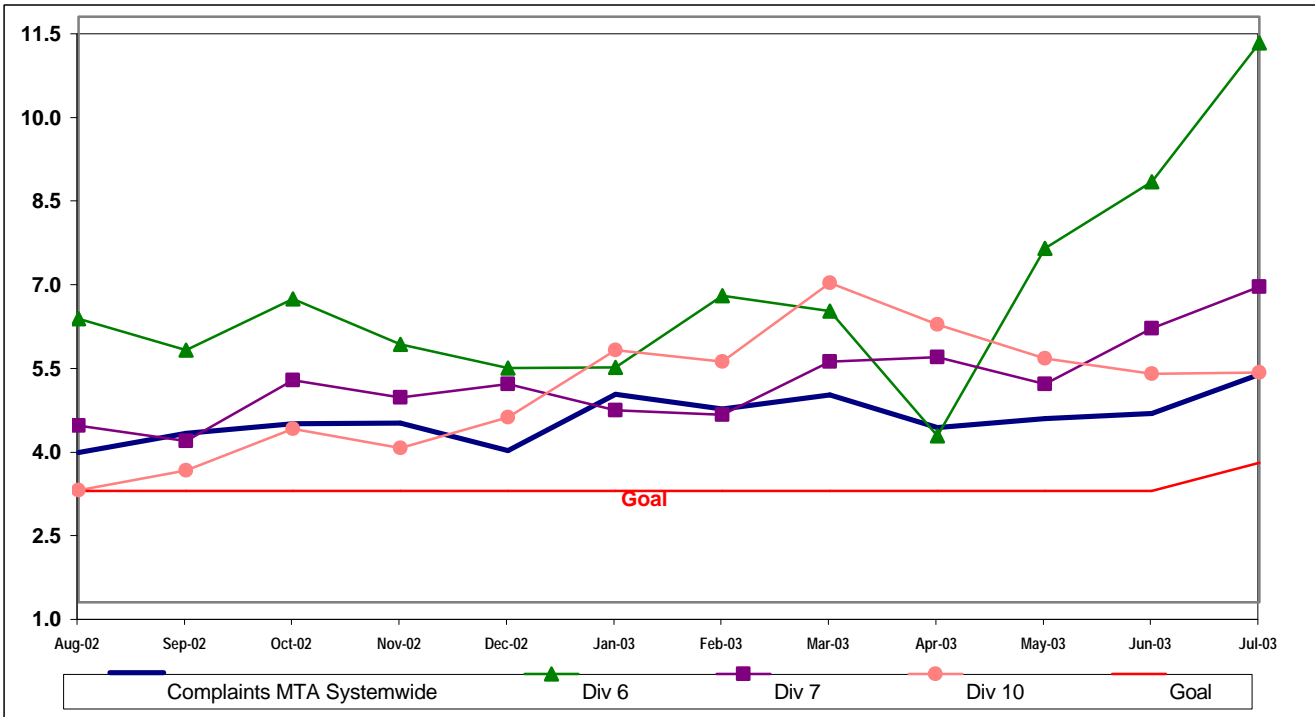
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



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 two light rail lines, Metro Blue Line from downtown to Long Beach and Metro Green Line along the 105 freeway. Metro Rail is responsible for the operation of approximately 74 heavy rail cars and 66 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	July Month	Status
Metro Red Line (MRL)						
On-Time Pullouts	99.89%	99.36%	99.40%	100.00%	100.00%	●
Mean Miles Between Chargeable Mechanical Failures	9,842	9,495	10,000	13,040	13,040	●
In-Service On-time Performance	99.60%	99.15%	99.00%	99.02%	99.02%	●
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	0.82	0.82	●
Metro Blue Line (MBL)						
On-Time Pullouts	99.43%	99.07%	99.00%	99.87%	99.87%	●
Mean Miles Between Chargeable Mechanical Failures	4,897	6,399	10,000	10,328	10,328	●
In-Service On-time Performance	98.70%	97.59%	98.00%	98.45%	98.45%	●
Traffic Accidents Per 100,000 Train Miles	0.97	0.82	0.70	1.37	1.37	◇
Complaints per 100,000 Boardings	0.97	1.30	0.88	1.02	1.02	◇
Metro Green Line (MGrL)						
On-Time Pullouts	99.62%	98.99%	99.00%	99.58%	99.58%	◇
Mean Miles Between Chargeable Mechanical Failures	3,990	5,617	10,000	9,676	9,676	◇
In-Service On-time Performance	99.16%	98.21%	98.00%	98.96%	98.96%	●
Traffic Accidents Per 100,000 Train Miles	0.00	0.14	0.20	0.00	0.00	●
Complaints per 100,000 Boardings	1.22	1.26	0.88	1.06	1.06	◇
Metro Gold Line (MGoL)						
On-Time Pullouts			TBD	99.00%	99.00%	●
Mean Miles Between Chargeable Mechanical Failures			TBD	n.a.	n.a.	
In-Service On-time Performance			TBD	99.44%	99.44%	●
Traffic Accidents Per 100,000 Train Miles			TBD	0.00	0.00	●
Complaints per 100,000 Boardings			TBD	n.a.	n.a.	

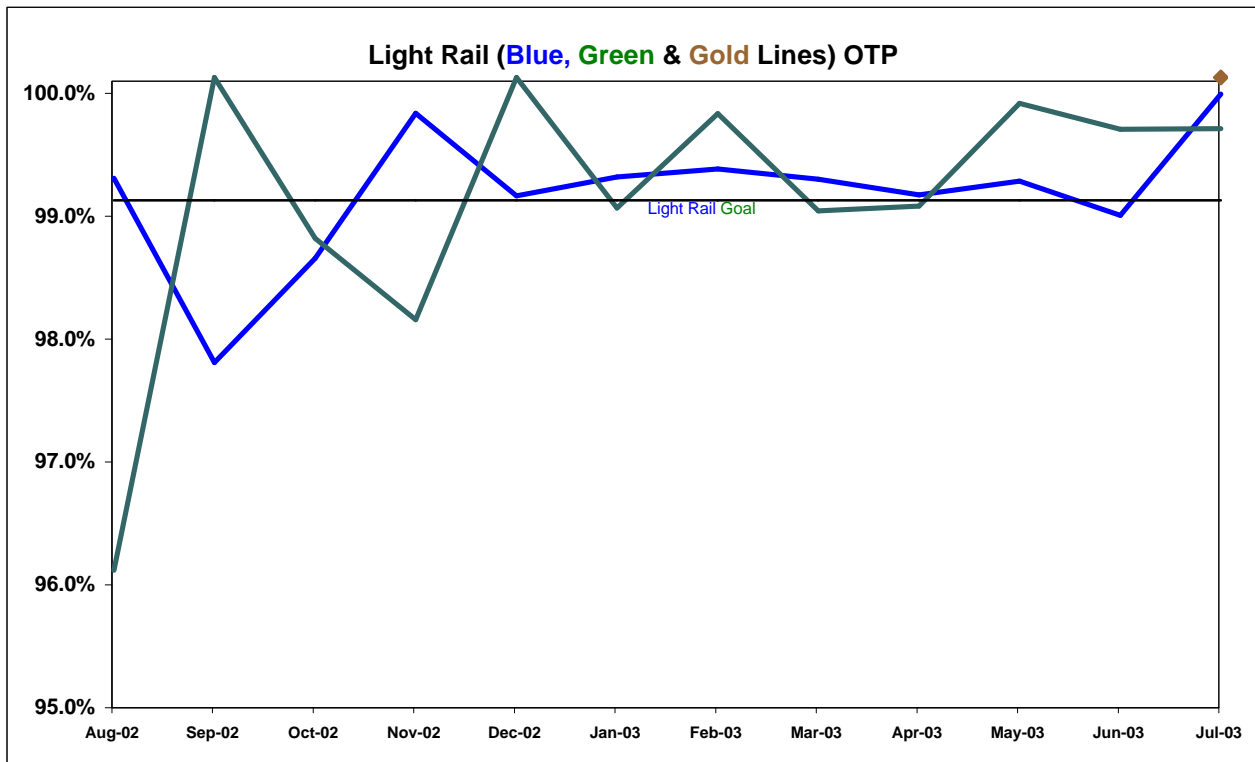
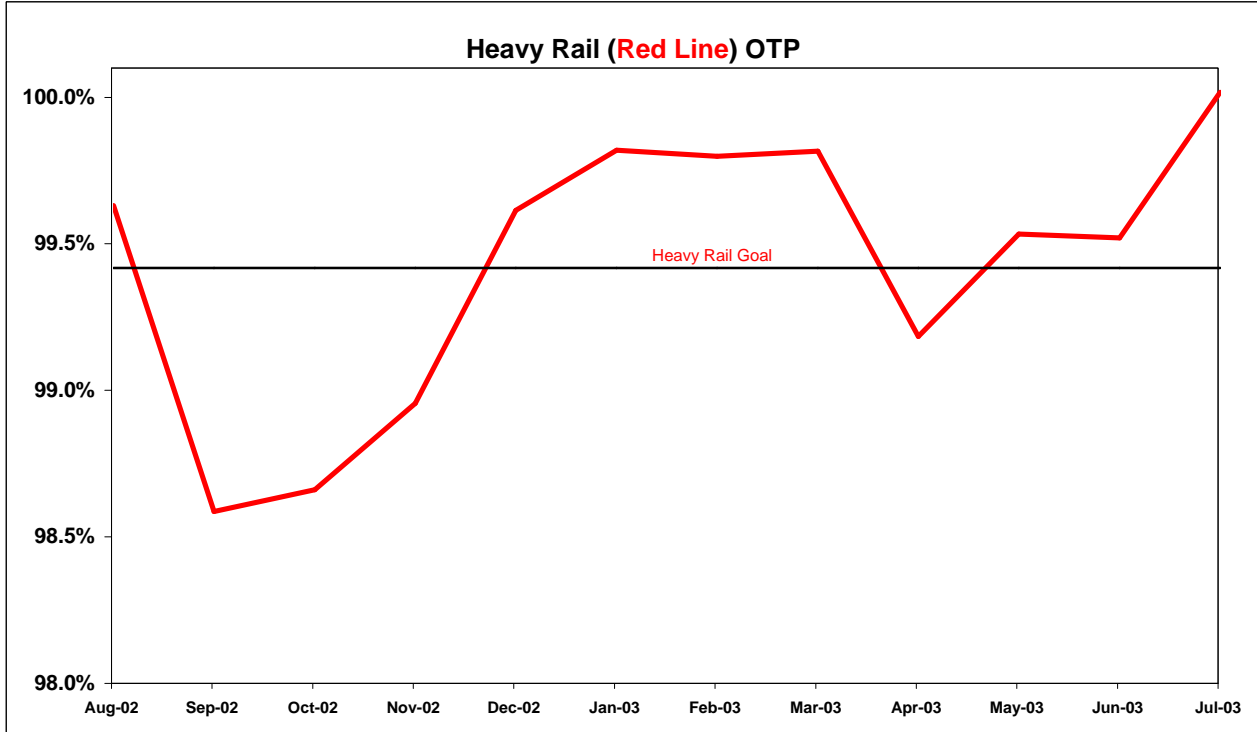
- Green - High probability of achieving the FY03 target (on track).
- ◇ Yellow - Uncertain if the FY03 target will be achieved -- slight problems, delays or management issues.
- Red - High probability that the FY03 target will not be achieved -- significant problems and/or delays.

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.

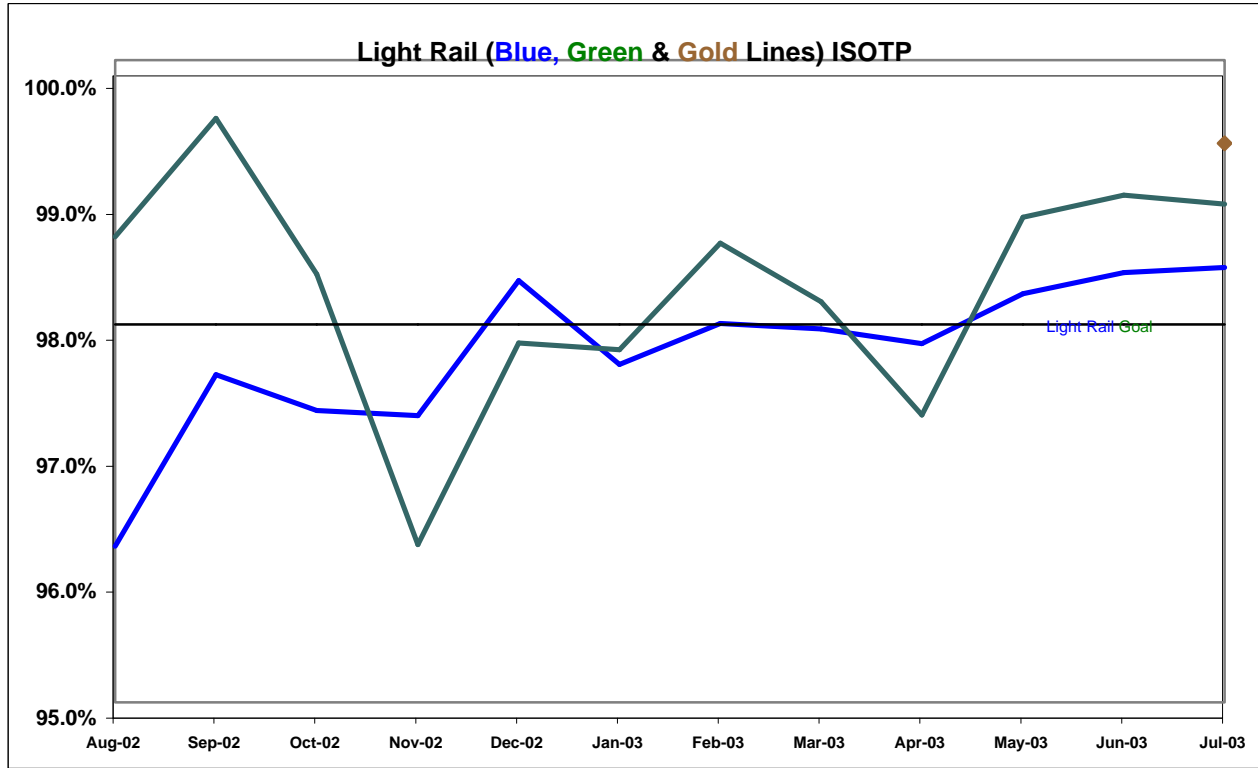
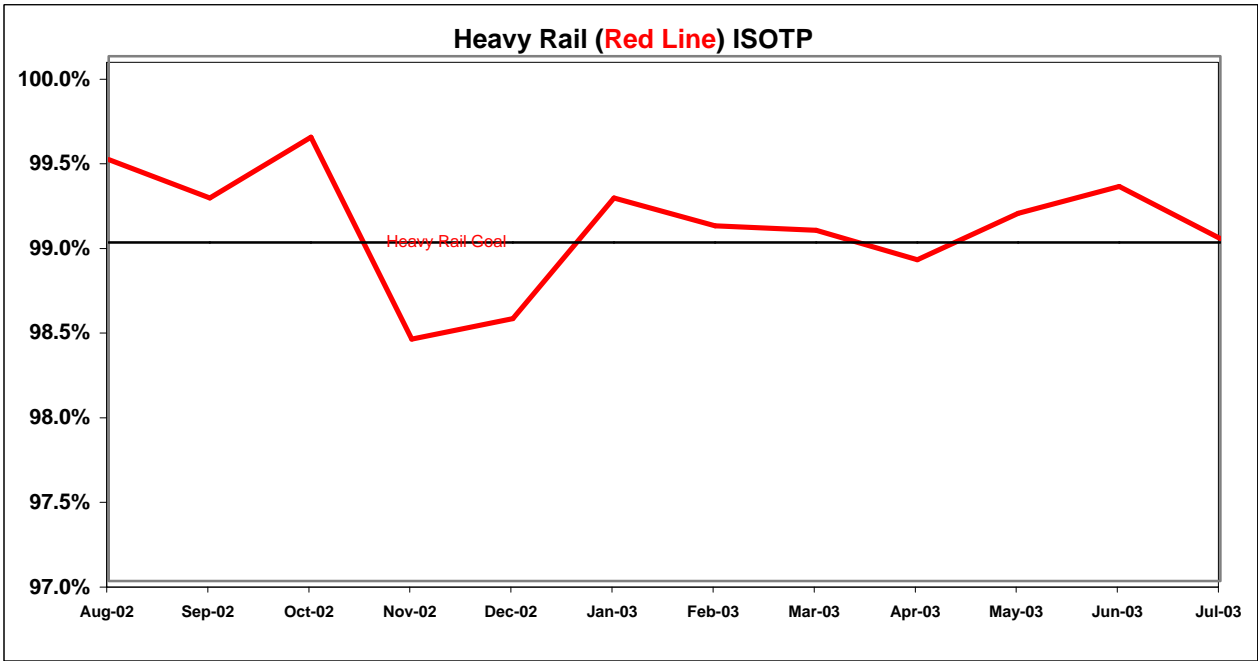
Calculation: $OTP\% = [(100\% - ((\text{Total cancelled pullouts plus late pullouts}) / \text{by Total scheduled pullouts}) \times 100)]$



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]

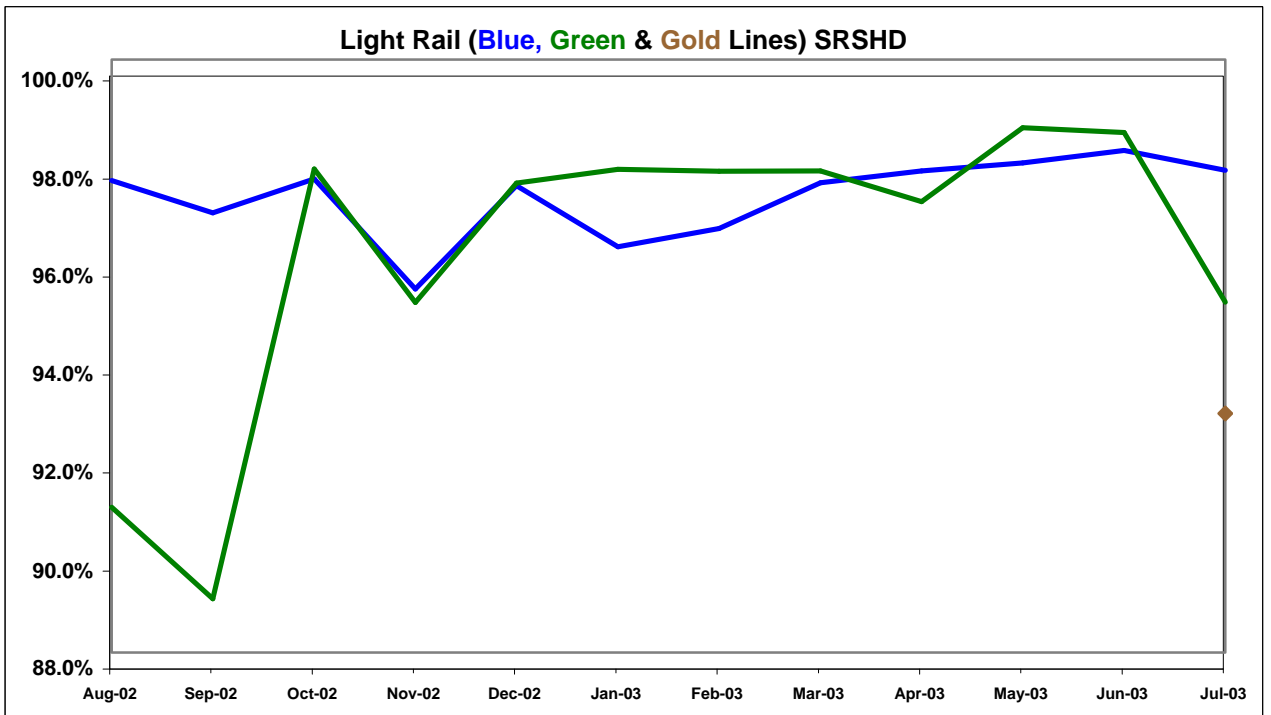
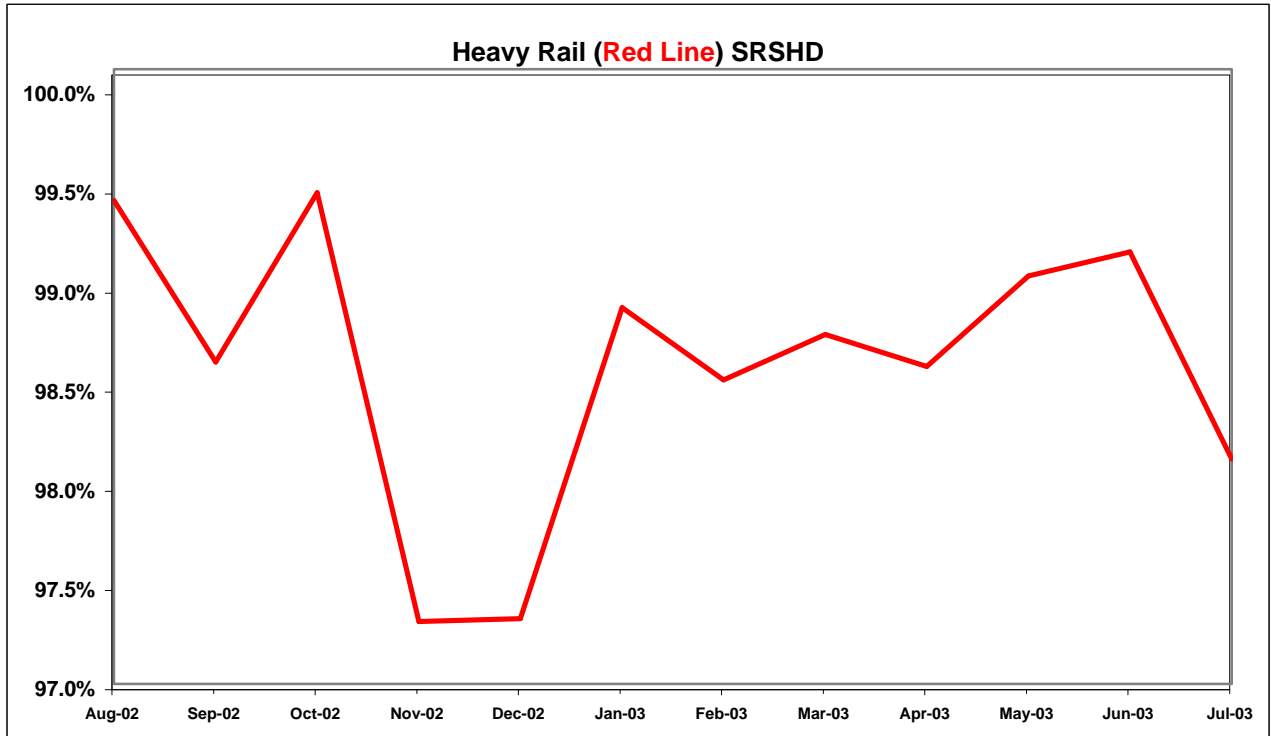


RAIL SERVICE PERFORMANCE - Continued

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.

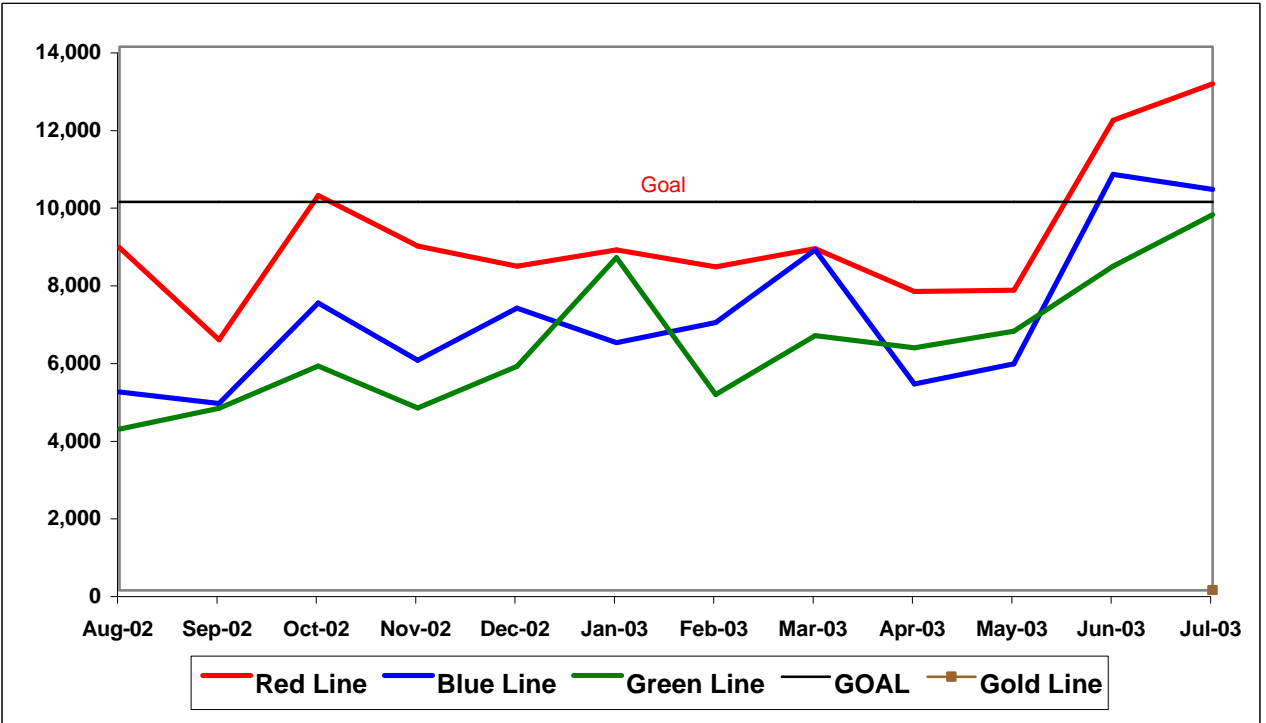
Calculation: $SRS\% = (1 - (\text{Total Service Hours Lost} / \text{Total Scheduled Service Hours}))$



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

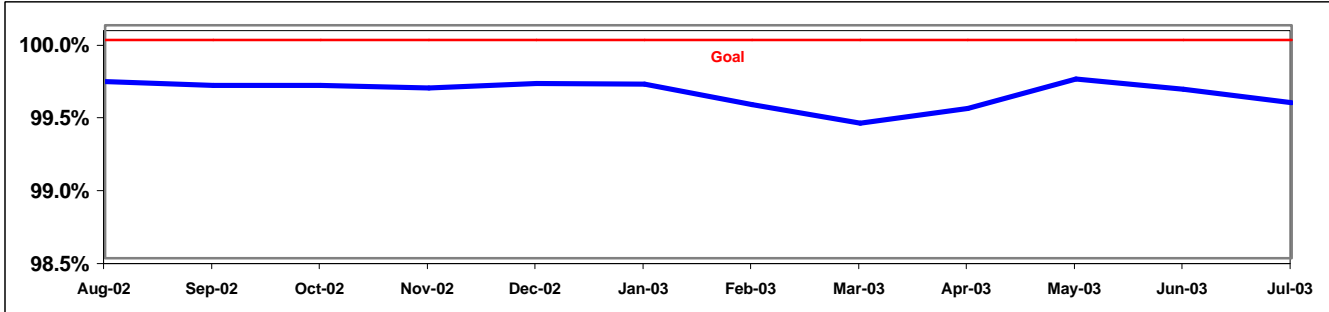
ON-TIME PULLOUT PERCENTAGE *

Definition: On-time Pullout Performance measures the percentage of buses leaving the operating division within one minute of the scheduled pullout time. The higher the number, the more reliable the service.

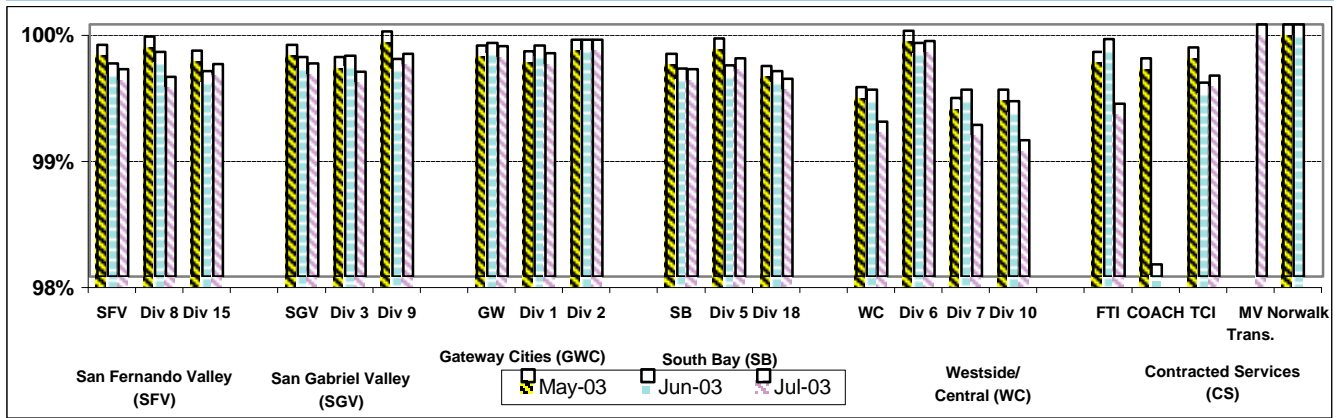
Calculation: $OTP\% = [(100\% - ((\text{Total late and cancelled runs} / \text{by Total scheduled pullouts}) \times 100)]$

* 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.

OTP - Systemwide Trend



OTP by Sector Bus Operating Divisions May - July 2003



Outlates & Cancellations by Sector Divisions

Div.	Sched. Pull-Outs	CANCELLATIONS		OUTLATES		% Total Outlates & Cancellations	ON-TIME PULL-OUT RATE	REASONS FOR OUTLATES and CANCELLATIONS		
		Number	% of Pull-outs	Number	% of Pull-outs			No Operator Available	Bus Mechanical Failure	Other
San Fernando Valley (SFV)								99.64%		
8	5549	2	0.00%	21	0.22%	4.60%	99.78%	3	20	0
15	7329	0	0.00%	23	0.37%	10.88%	99.63%	1	19	3
San Gabriel Valley (SGV)								99.74%		
3	6122	0	0.07%	23	0.18%	6.28%	99.75%	0	23	0
9	5519	7	0.04%	6	0.24%	6.28%	99.73%	7	5	1
Gateway Cities (GWC)								99.85%		
1	6180	0	0.00%	14	0.17%	4.18%	99.83%	3	10	1
2	5846	0	0.00%	7	0.12%	2.93%	99.88%	1	4	2
South Bay (SB)								99.65%		
5	7777	0	0.00%	21	0.32%	9.62%	99.68%	1	17	3
18	9026	0	0.00%	39	0.37%	13.81%	99.63%	6	28	5
Westside/Central (WC)								99.47%		
6	2314	0	0.00%	3	0.15%	1.26%	99.85%	0	2	1
7	9046	8	0.05%	64	0.48%	17.57%	99.47%	8	52	12
10	8793	9	0.00%	72	0.61%	22.59%	99.39%	18	54	9
TOTAL	73501	26	0.04%	293	0.40%	100.00%	99.57%	48	234	37

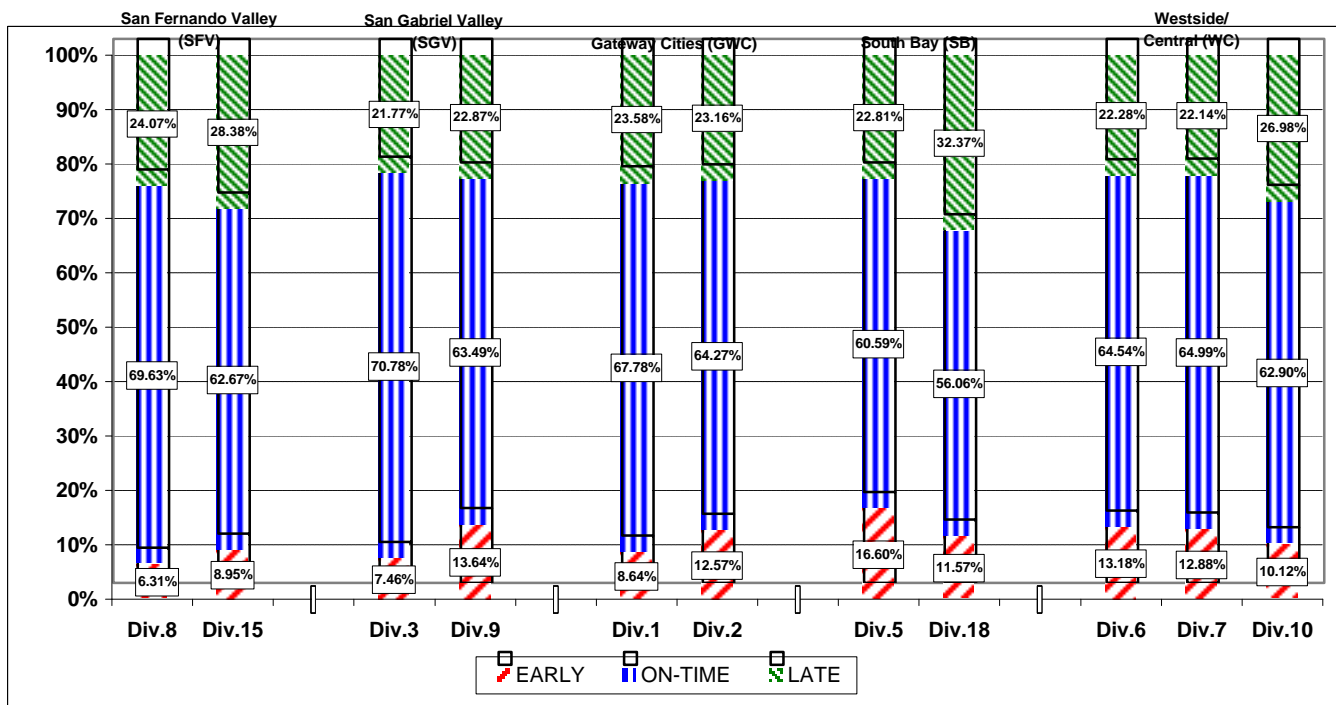
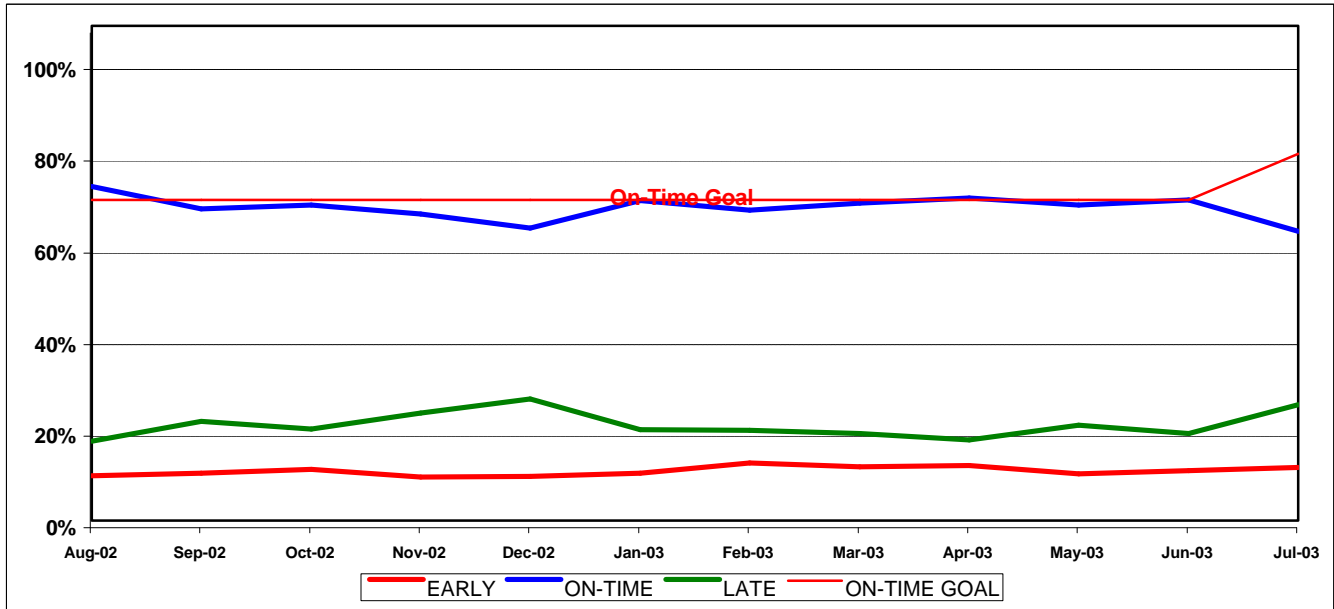
IN-SERVICE ON-TIME PERFORMANCE

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
San Fernando Valley Sector (SFV)			
Division 8			
Early	7.09%	6.31%	-0.78%
On-Time	70.09%	69.63%	-0.46%
Late	22.82%	24.07%	1.25%
Division 15			
Early	8.08%	8.95%	0.87%
On-Time	66.13%	62.67%	-3.46%
Late	25.78%	28.38%	2.60%
Gateway Cities Sector (GWC)			
Division 1			
Early	8.49%	8.64%	0.15%
On-Time	78.22%	67.78%	-10.44%
Late	13.29%	23.58%	10.29%
Division 2			
Early	11.75%	12.57%	0.82%
On-Time	67.53%	64.27%	-3.26%
Late	20.73%	23.16%	2.43%
South Bay Sector (SB)			
Division 5			
Early	12.57%	16.60%	4.03%
On-Time	66.30%	60.59%	-5.71%
Late	21.13%	22.81%	1.68%
Division 18			
Early	10.97%	11.57%	0.60%
On-Time	61.23%	56.06%	-5.17%
Late	27.80%	32.37%	4.57%

	FY03	FY04-YTD	Variance
San Gabriel Valley Sector (SGV)			
Division 3			
Early	8.47%	7.46%	-1.01%
On-Time	71.08%	70.78%	-0.30%
Late	20.45%	21.77%	1.32%
Division 9			
Early	11.47%	13.64%	2.17%
On-Time	67.47%	63.49%	-3.98%
Late	21.06%	22.87%	1.81%
Westside/Central Sector (WC)			
Division 6			
Early	12.83%	13.18%	0.35%
On-Time	65.93%	64.54%	-1.39%
Late	21.25%	22.28%	1.03%
Division 7			
Early	12.03%	12.88%	0.85%
On-Time	68.80%	64.99%	-3.81%
Late	19.16%	22.14%	2.98%
Division 10			
Early	11.91%	10.12%	-1.79%
On-Time	67.34%	62.90%	-4.44%
Late	20.75%	26.98%	6.23%

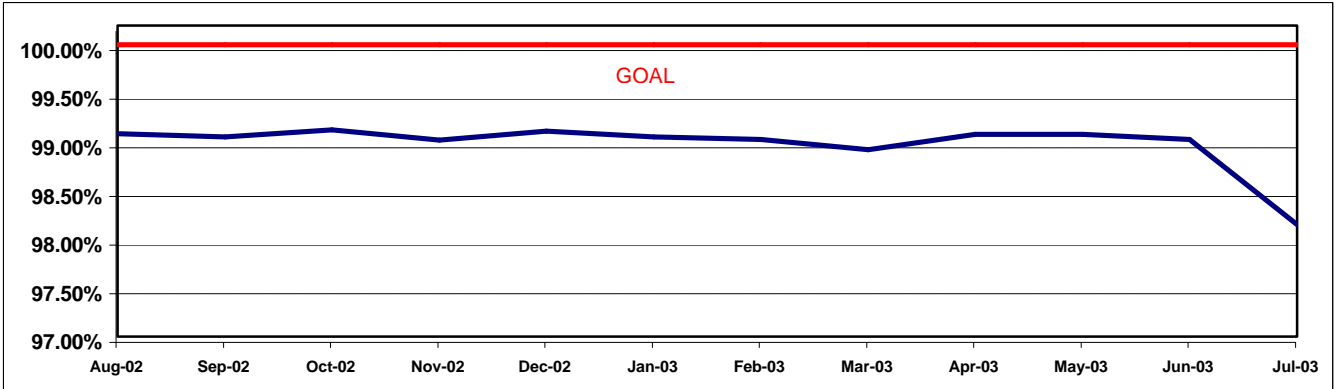
SYSTEMWIDE			
Early	10.70%	11.27%	0.57%
On-Time	69.23%	63.74%	-5.49%
Late	20.06%	24.99%	4.93%

SCHEDULED REVENUE SERVICE HOURS DELIVERED

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

Calculation: SRSHD% = (Lost Revenue Service Hours minus Recovered Service Hours divided by Total Scheduled Service Hours)

Systemwide Trend



Performance Year-to-Date Compared To Last Year

SRSHD	FY03	FY04-YTD	Variance
San Fernando Valley Sector (SFV)			
Division 8	99.25%	98.86%	-0.39%
Division 15	98.99%	97.35%	-1.64%

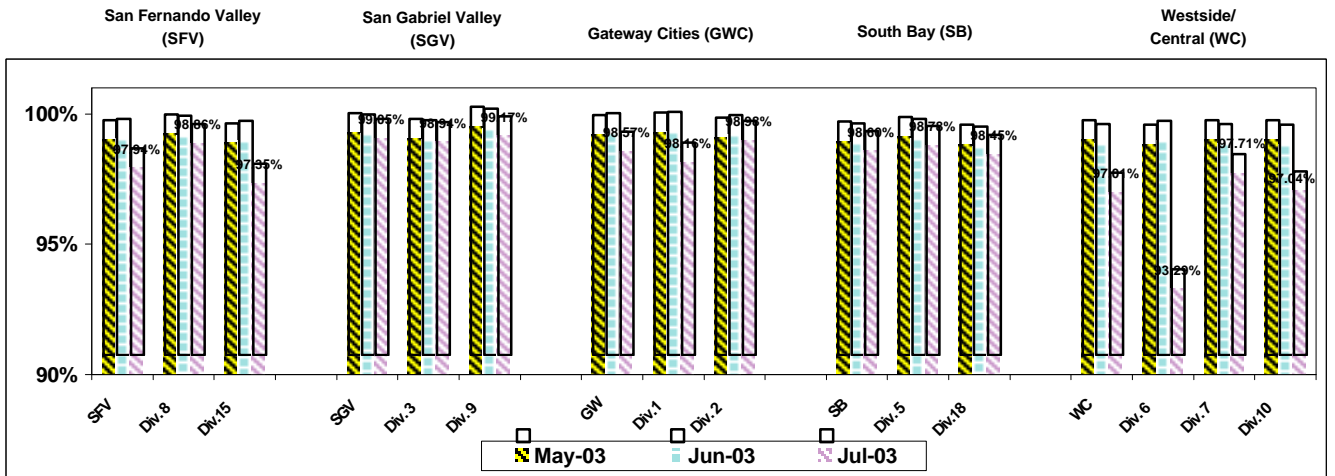
SRSHD	FY03	FY04-YTD	Variance
San Gabriel Valley Sector (SGV)			
Division 3	99.03%	98.94%	-0.08%
Division 9	99.44%	99.17%	-0.27%

Gateway Cities Sector (GWC)			
Division 1	99.34%	98.16%	-1.17%
Division 2	99.06%	98.98%	-0.09%

Westside/Central Sector (WC)			
Division 6	98.97%	93.29%	-5.68%
Division 7	99.00%	97.71%	-1.29%
Division 10	98.92%	97.04%	-1.88%

South Bay Sector (SB)			
Division 5	99.12%	98.78%	-0.34%
Division 18	98.85%	98.45%	-0.40%

Systemwide	99.07%	98.15%	-0.91%
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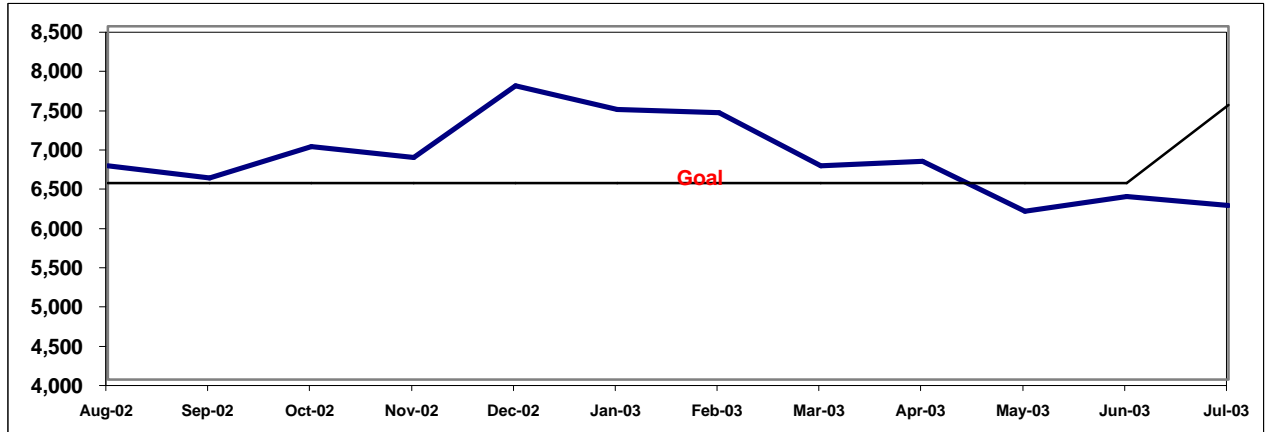
MAINTENANCE PERFORMANCE

MEAN MILES BETWEEN CHARGEABLE MECHANICAL FAILURES

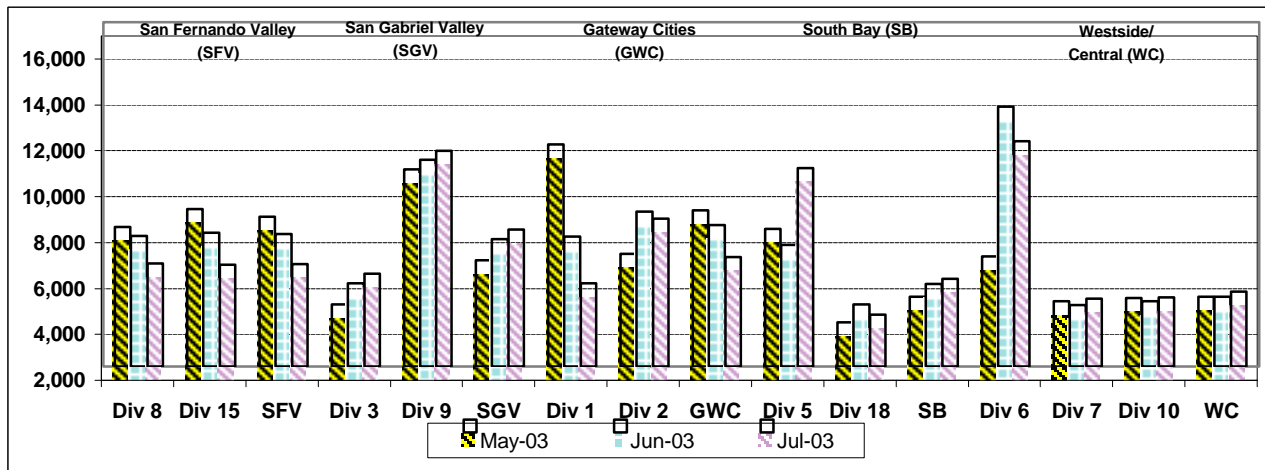
Definition: Average Hub Miles traveled between chargeable mechanical problems that result in a service disruption of greater than ten minutes.

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

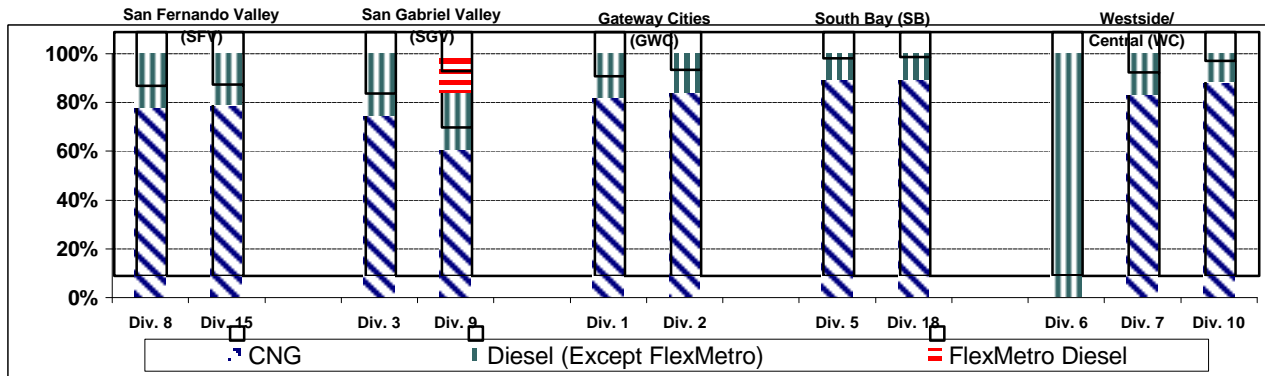
Systemwide Trend



Bus Operating Sector Divisions May - July 2003



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	1,912	73.77%
Diesel (Except FlexMetro)	556	21.45%
FlexMetro Diesel	31	1.20%
Gasoline	59	2.28%
Propane	34	1.31%
Total	2,592	100.00%

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	6.2	6.6	5.4	3.8	3.2	3.7	5.8

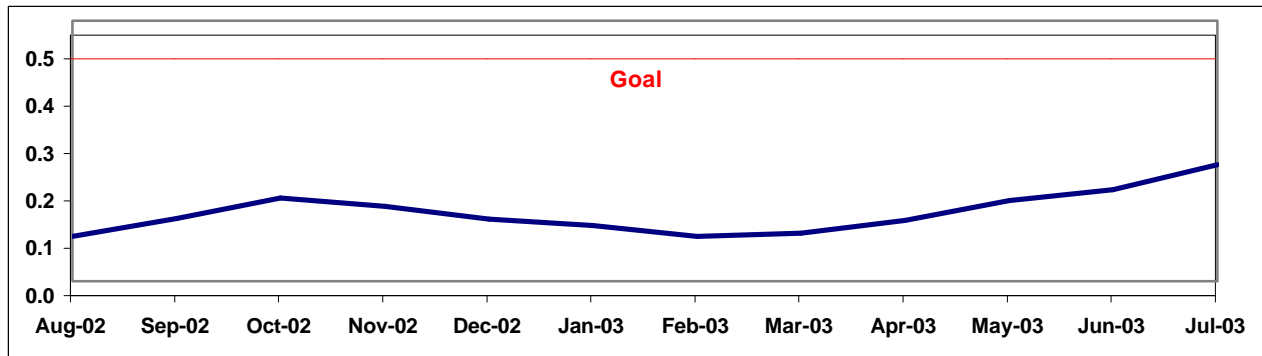
WC		
Div 6	Div 7	Div 10
9.4	4.3	5.4

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

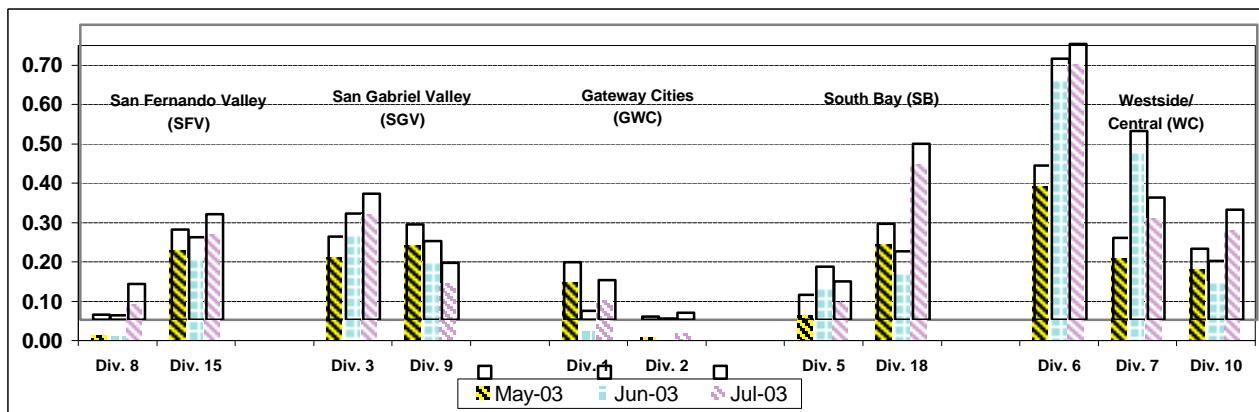
Definition: Average past due critical scheduled preventive maintenance jobs per bus. This indicator measures maintenance management's ability to prioritize and perform critical repairs and indicates the general maintenance condition of the fleet.

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

Systemwide Trend



**Past Due Critical PMPs - by Sectors' Divisions
May - July 2003**



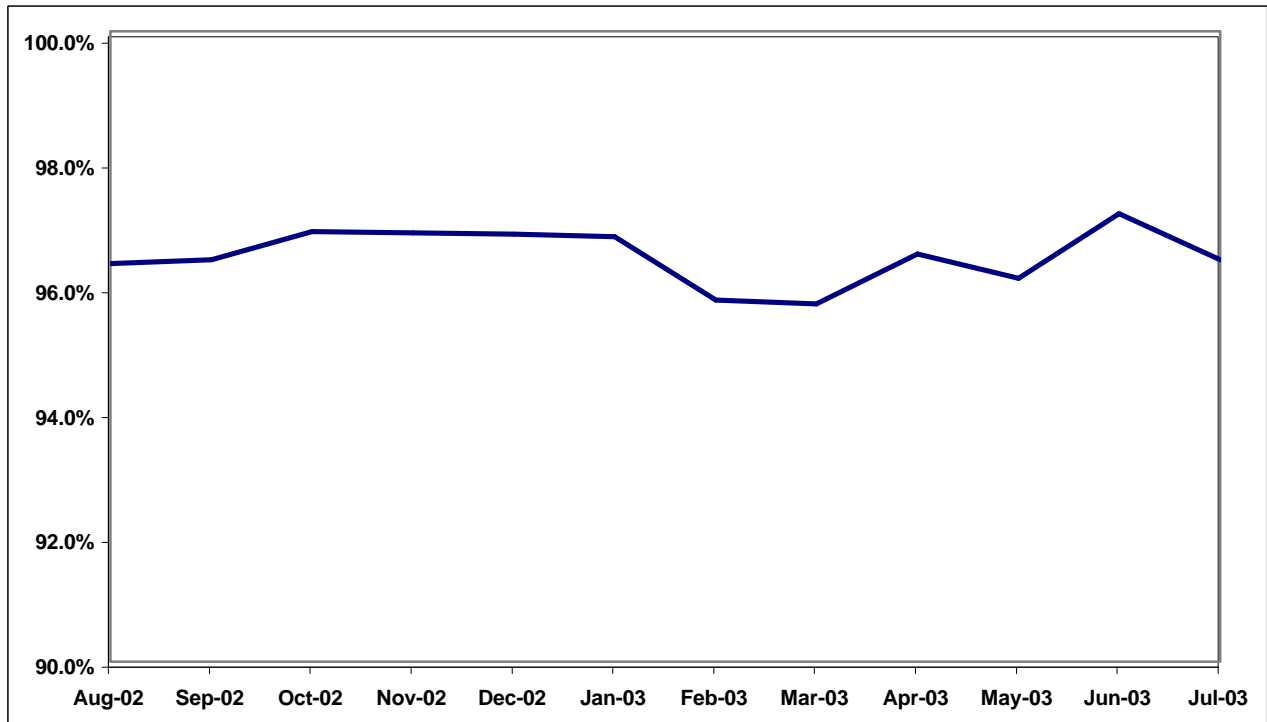
ATTENDANCE

MAINTENANCE ATTENDANCE

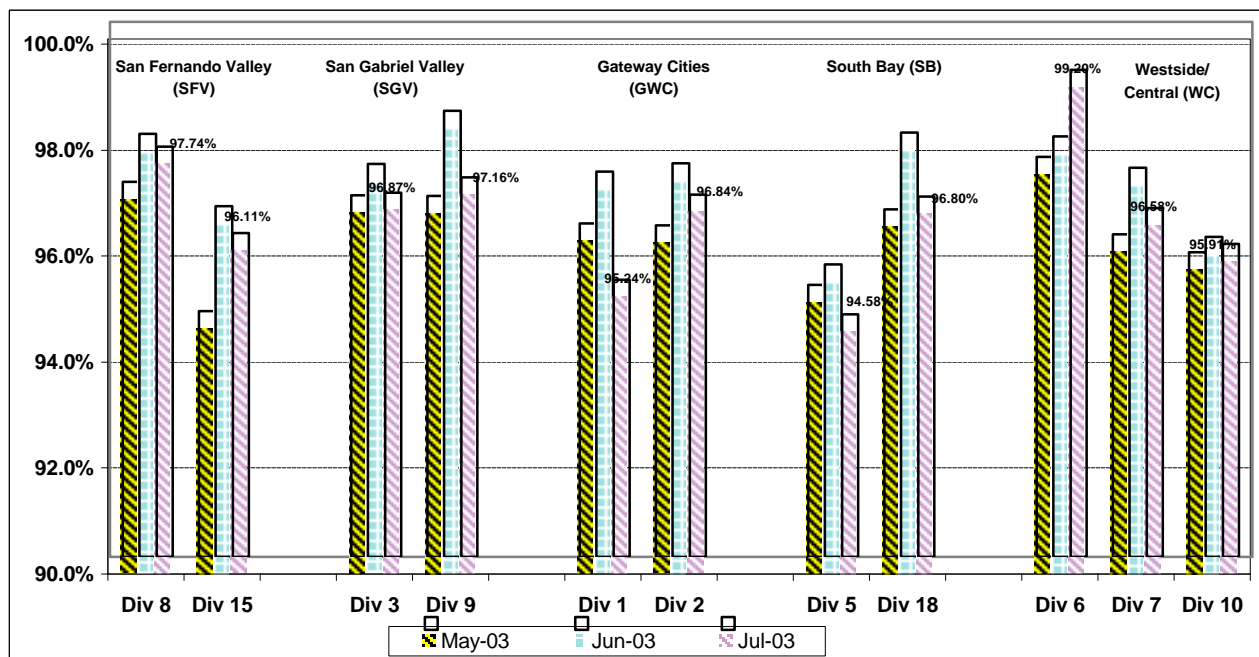
Definition: Maintenance Mechanics and Service Attendants - % attendance Monday through Friday for the month.

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

Systemwide Trend



Maintenance Attendance - By Sectors' Divisions (By Current Month) May - July 2003



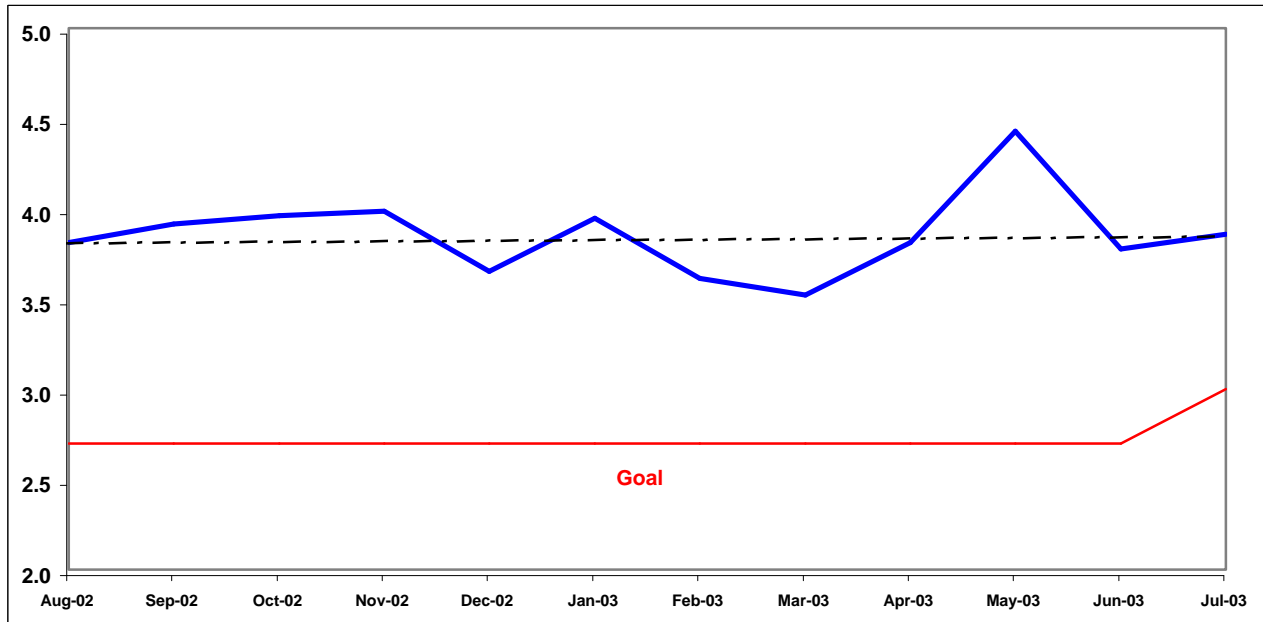
SAFETY PERFORMANCE

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.

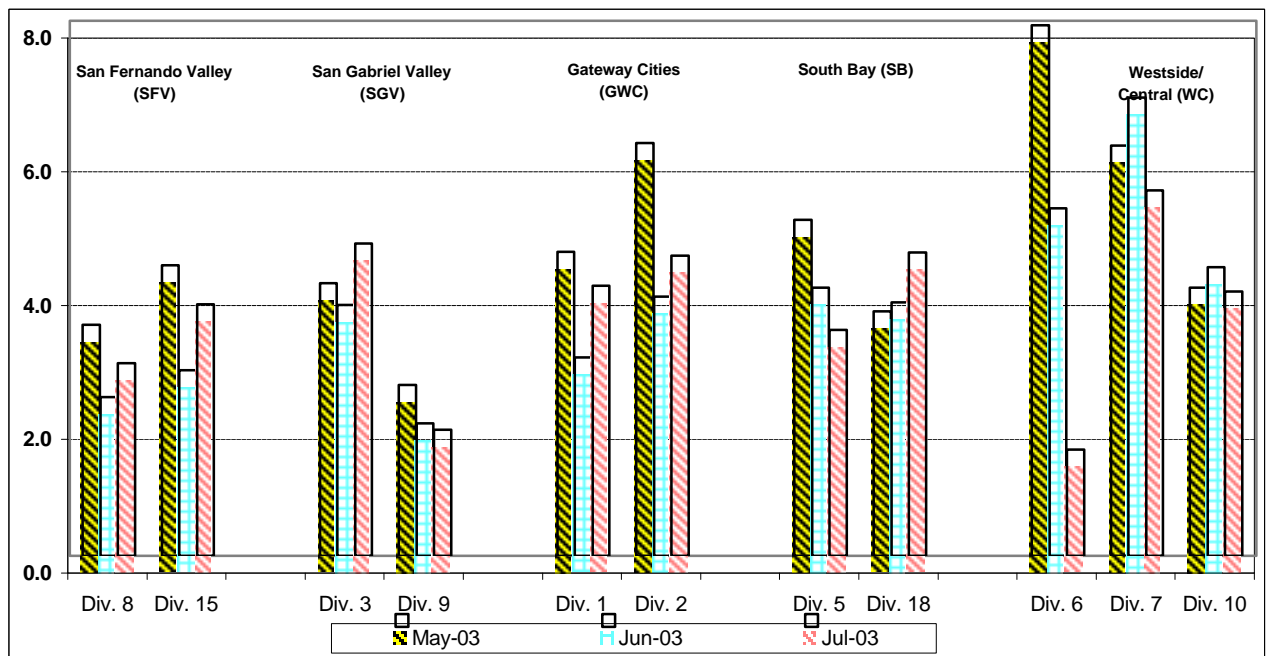
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))

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 May - July 2003

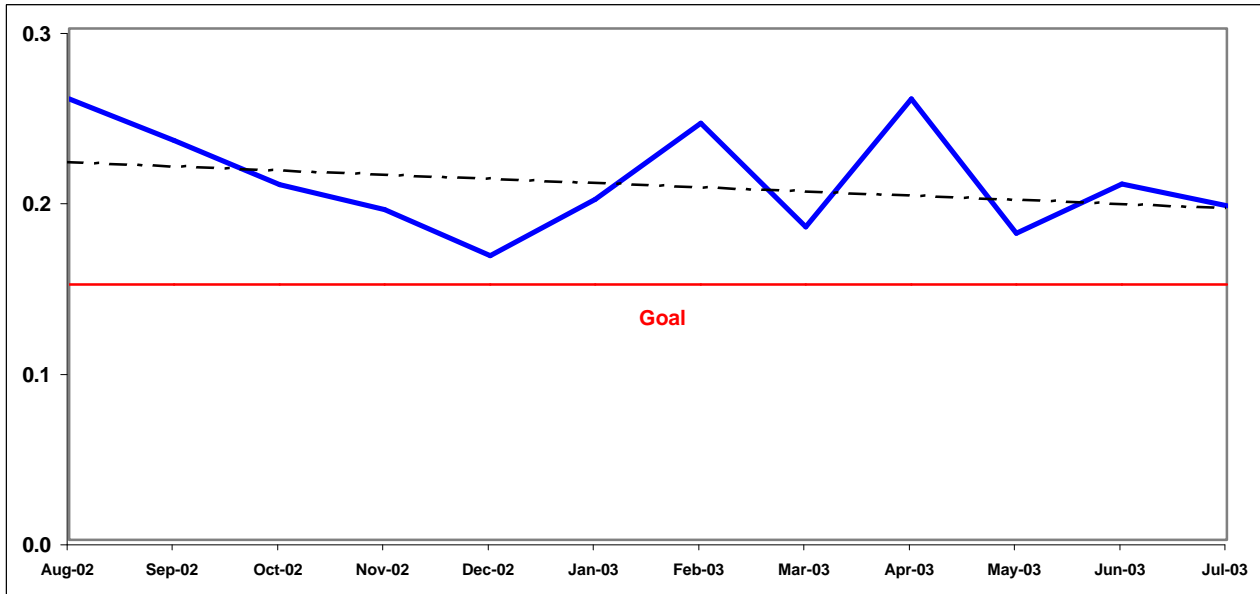


BUS PASSENGER ACCIDENTS PER 100,000 BOARDINGS*

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

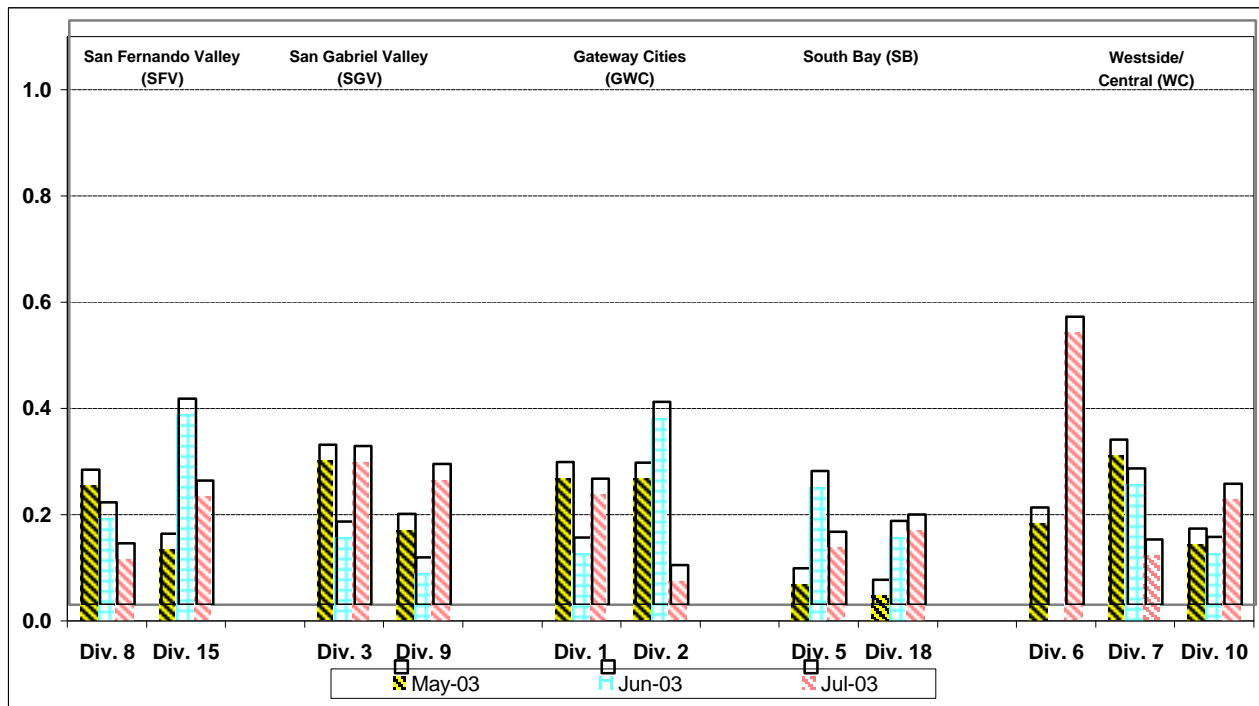
Calculation: Passenger Accidents Per 100,000 Boardings = (The number of Pasengers Accidents / by (Boardings / by 100,000))

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.

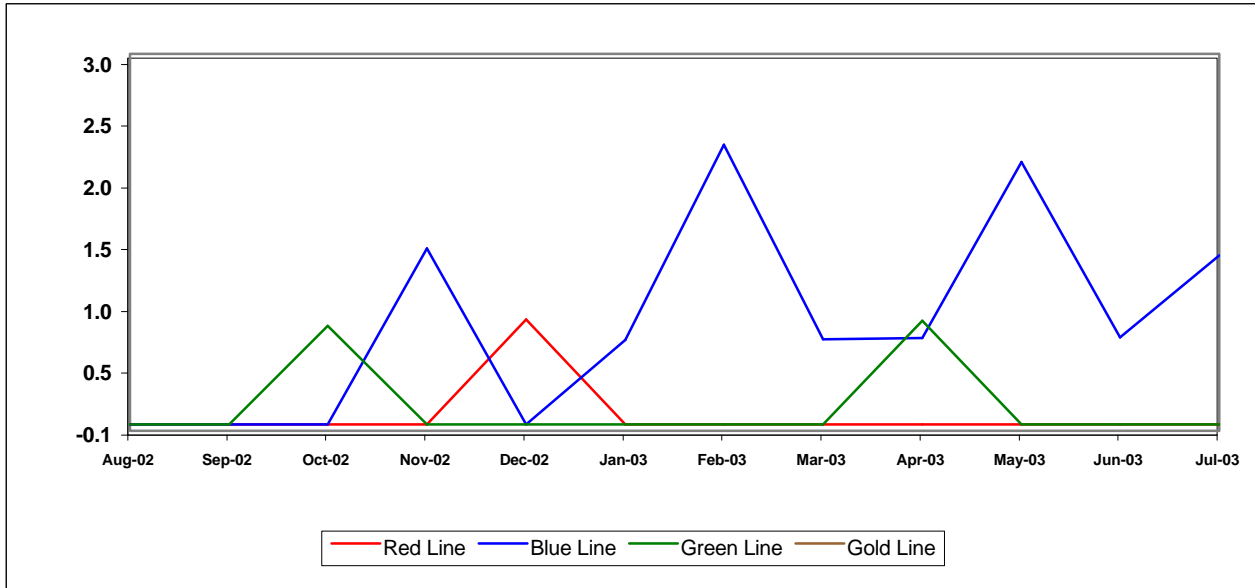
Bus Operating Divisions - by Sectors' Divisions May - July 2003



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.

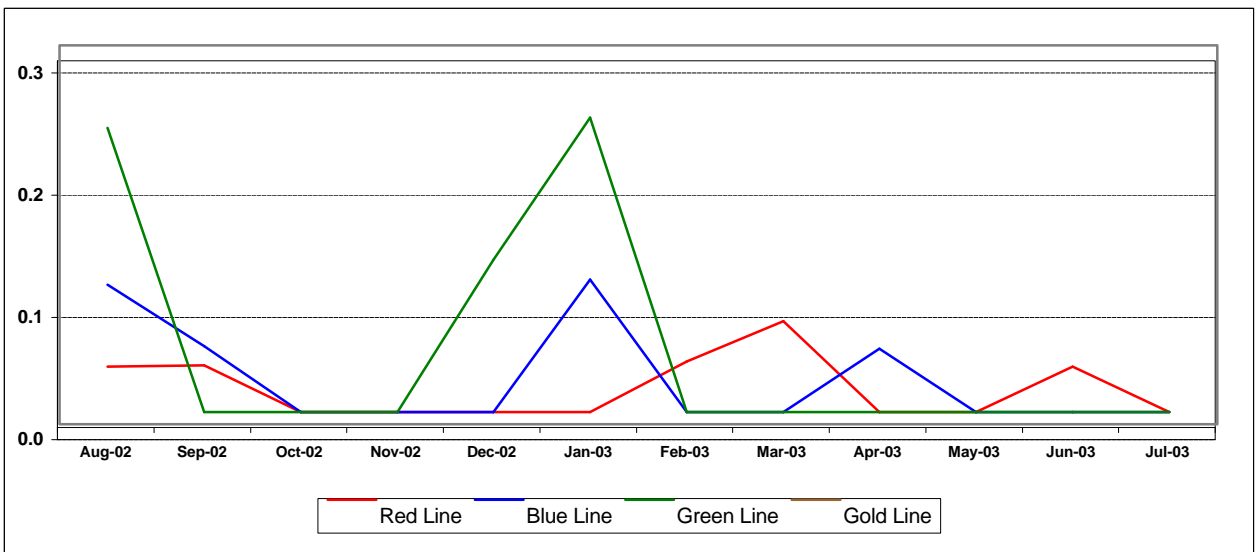
Calculation: Rail Accidents Per 100,000 Revenue Train Miles = (The number of Rail Accidents / by (Revenue Train Miles / by 100,000))



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))



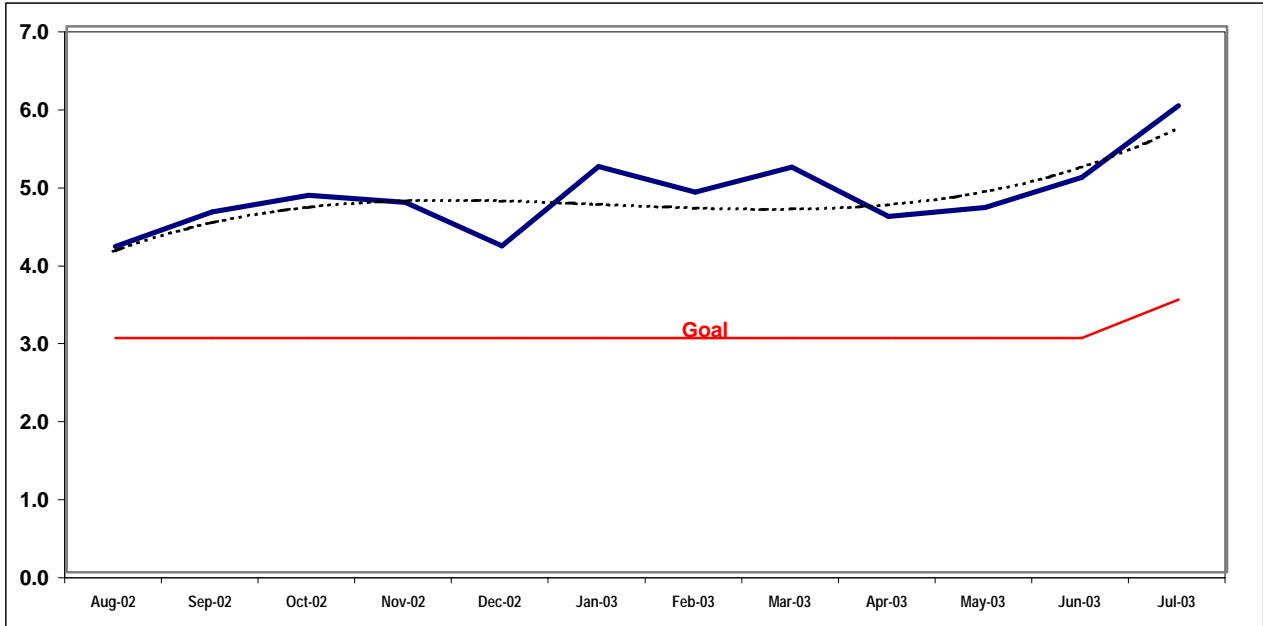
CUSTOMER SATISFACTION

COMPLAINTS PER 100,000 BOARDINGS

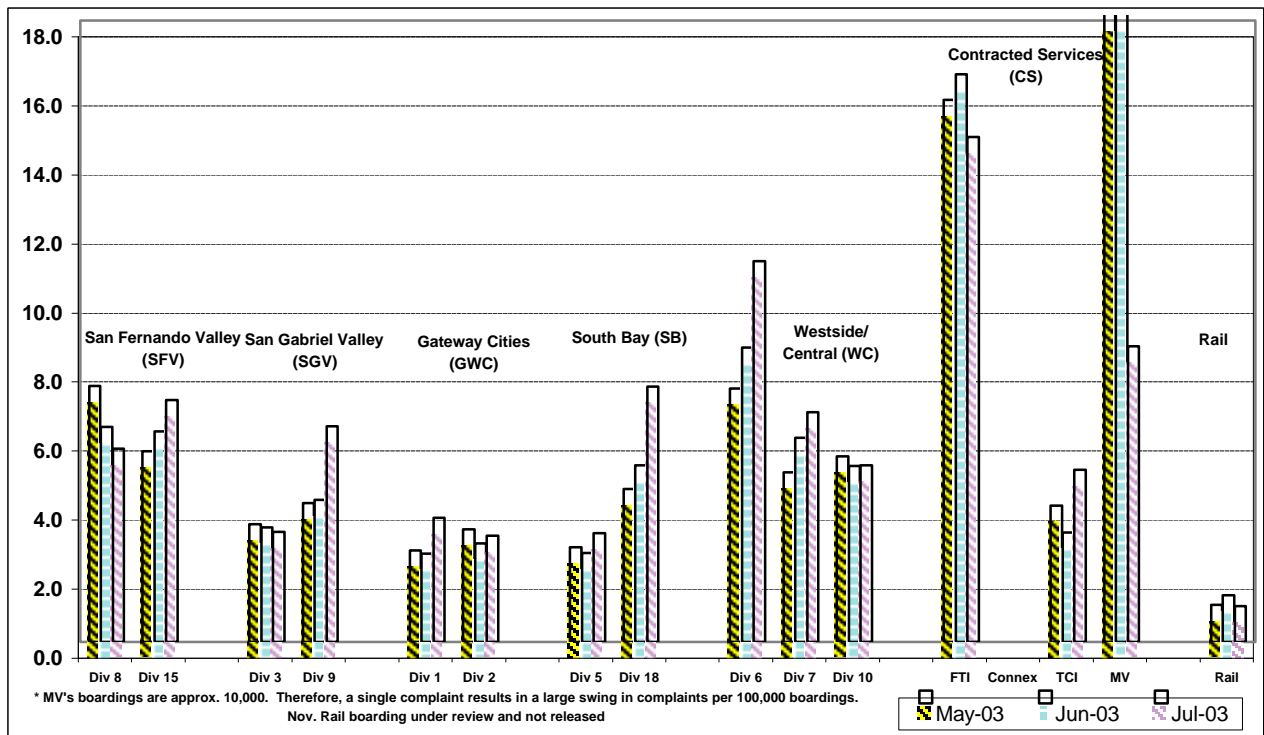
Definition: Average number of customer complaints per 100,000 boardings. This indicator measures service quality and customer satisfaction.

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

Systemwide Trend



Bus Operating Divisions - by Sectors' Divisions May - July 2003



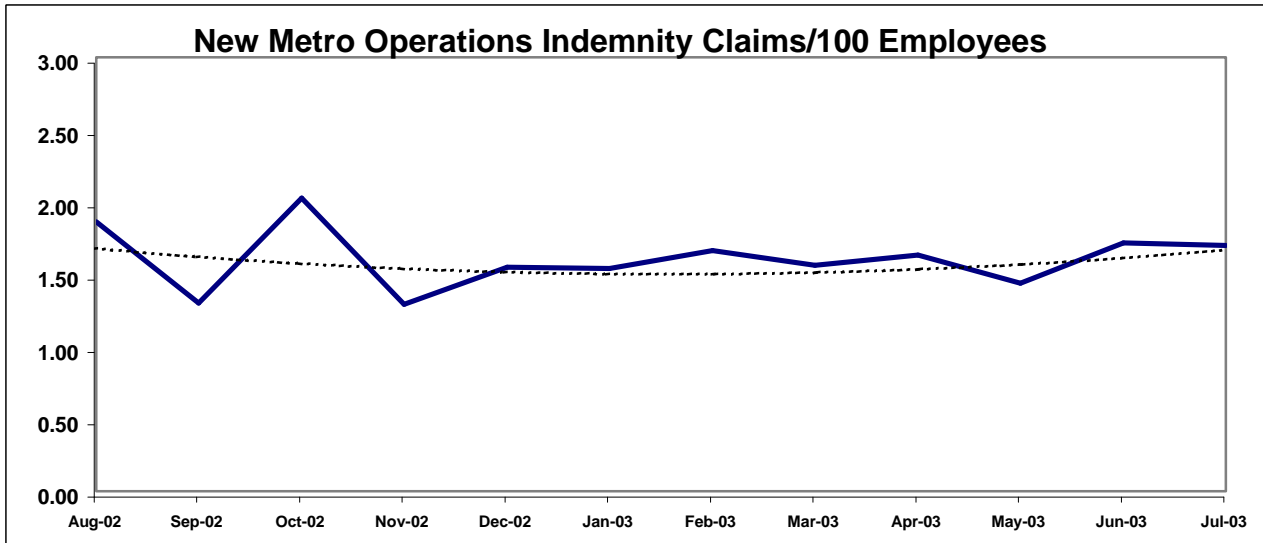
WORKERS COMPENSATION CLAIMS

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

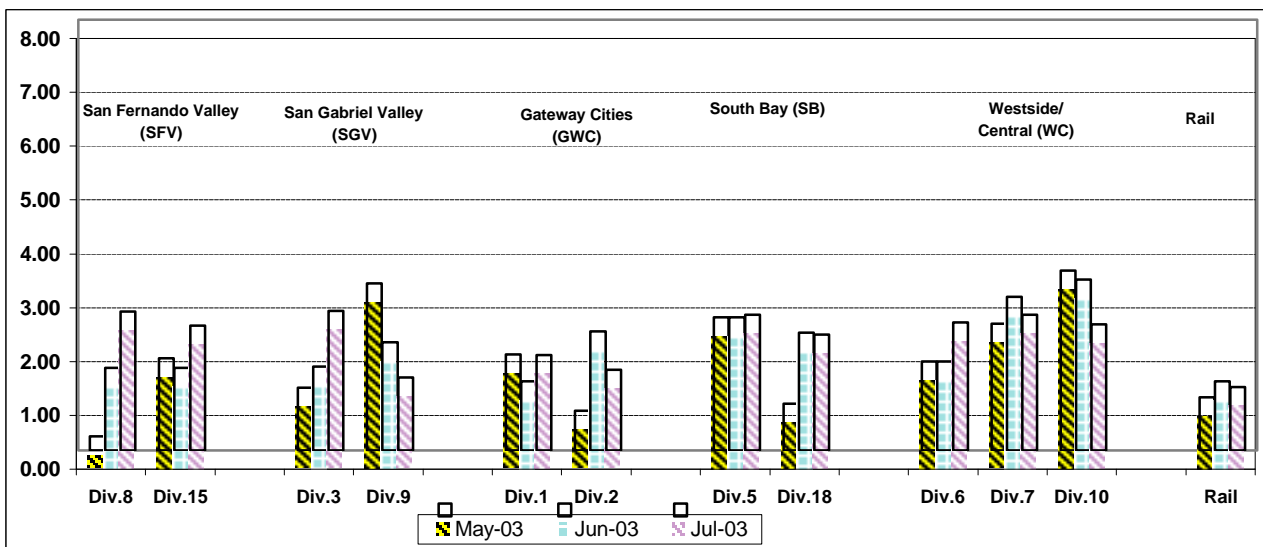


NEW CLAIMS PER 100 EMPLOYEE-MONTH BY BUS SECTORS' DIVISION & RAIL

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 May - July 2003



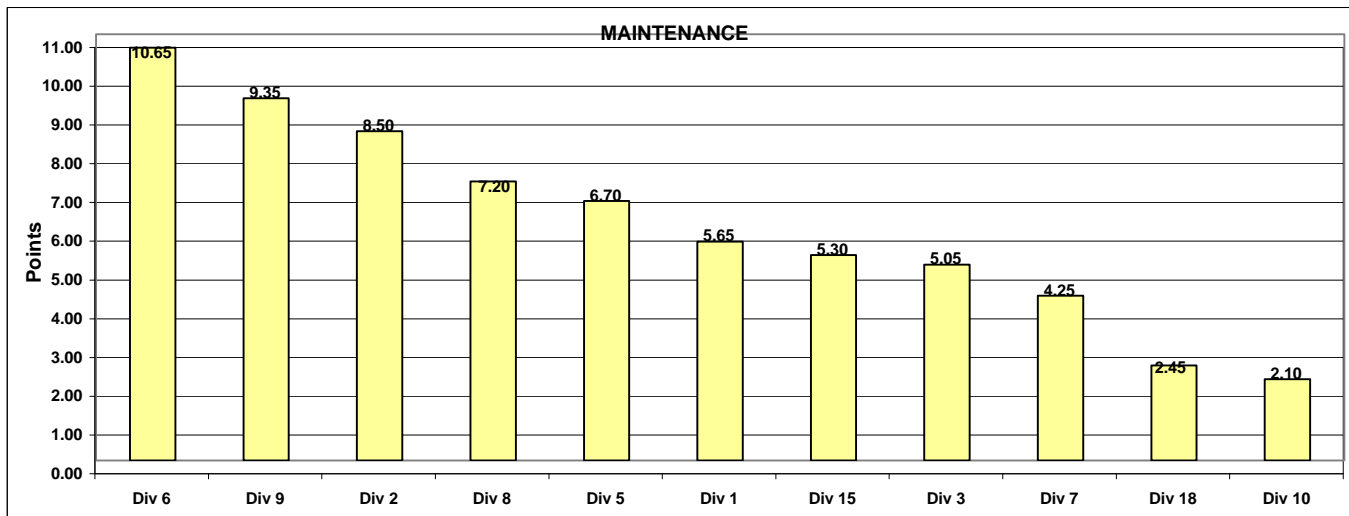
"HOW YOU DOIN'?" PERFORMANCE INCENTIVE PROGRAM

Monthly Calculations - July 2003 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
On-Time Pullouts	35%	0.99773	0.99880	0.99624	0.99730	0.99870	0.99204	0.99586	0.99764	0.99079	0.99686	0.99568
Points		9	11	5	7	10	2	4	8	1	6	3
Miles Between Mechanical Failures	30%	5615	8445	6048	10651	11819	4943	6489	11396	5003	6446	4263
Points		4	8	5	9	11	2	7	10	3	6	1
Attendance	15%	0.9524	0.9684	0.9687	0.9458	0.9920	0.9658	0.9774	0.9716	0.9591	0.9611	0.9680
Points		2	7	8	1	11	5	10	9	3	4	6
New WC Claims /100 Emp	20%	1.0753	0.9524	1.6667	0.7463	0.0000	0.0000	0.0000	0.0000	2.1429	1.3605	2.6490
Points		5	6	3	7	11	11	11	11	2	4	1
Totals		5.65	8.50	5.05	6.70	10.65	4.25	7.20	9.35	2.10	5.30	2.45
FINAL RANKING Maintenance Division Ranking (Sorted)												
DIV.		Div 6	Div 9	Div 2	Div 8	Div 5	Div 1	Div 15	Div 3	Div 7	Div 18	Div 10
Score		10.65	9.35	8.50	7.20	6.70	5.65	5.30	5.05	4.25	2.45	2.10
Rank		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th

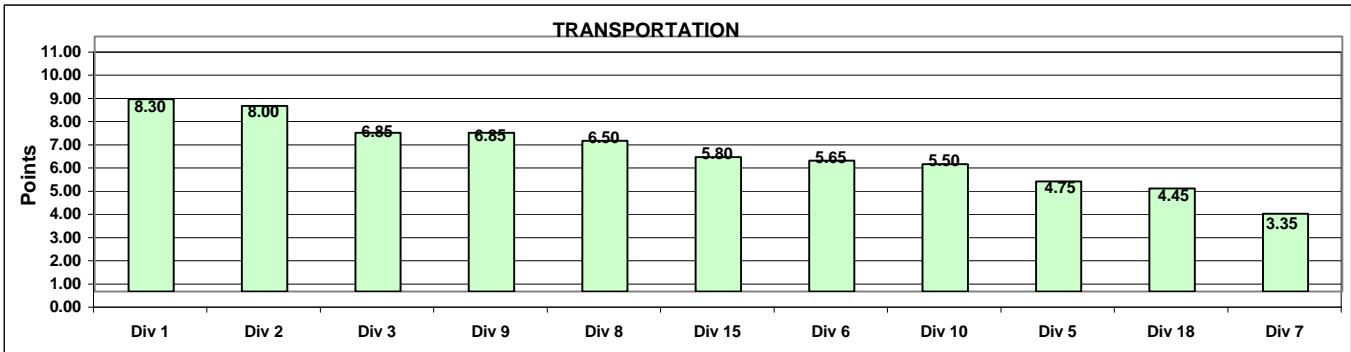


**Monthly Calculations - July 2003
Metro Bus - Transportation**

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
On-Time Pullouts	15%	0.99773	0.99880	0.99624	0.99730	0.99870	0.99204	0.99586	0.99764	0.99079	0.99686	0.99568
Points		9	11	5	7	10	2	4	8	1	6	3
In-Service On-Time Performance	15%	0.6778	0.6427	0.7078	0.6059	0.6454	0.6499	0.6963	0.6349	0.6290	0.6267	0.5606
Points		9	6	11	2	7	8	10	5	4	3	1
Running Hot	20%	0.0864	0.1257	0.0746	0.1660	0.1318	0.1288	0.0631	0.1364	0.1012	0.0895	0.1157
Points		9	5	10	1	3	4	11	2	7	8	6
Accident Rate	15%	4.0389	4.4851	4.6667	3.3759	1.5865	5.4611	2.8806	1.8804	3.9551	3.7645	4.5377
Points		5	4	2	8	11	1	9	10	6	7	3
Complaints/100K Boardings	10%	3.5992	3.0838	3.1824	3.1532	11.0336	6.6534	5.5936	6.2471	5.1156	7.0039	7.3986
Points		8	11	9	10	1	4	6	5	7	3	2
New WC Claims /100 Emp	25%	1.9893	1.6908	2.9151	3.0817	3.2496	3.3352	3.5039	1.8350	2.3983	2.6577	2.0191
Points		9	11	5	4	3	2	1	10	7	6	8
Totals		8.30	8.00	6.85	4.75	5.65	3.35	6.50	6.85	5.50	5.80	4.45
FINAL RANKING												
	Div.	Div 1	Div 2	Div 3	Div 9	Div 8	Div 15	Div 6	Div 10	Div 5	Div 18	Div 7
	Score	8.30	8.00	6.85	6.85	6.50	5.80	5.65	5.50	4.75	4.45	3.35
	Rank	1st	2nd	3rd	3rd	5th	6th	7th	8th	9th	9th	11th



**Monthly Calculations - July 2003
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		
	Jul-02	Jul-03	Yearly Improvement	Jul-02	Jul-03	Yearly Improvement	Jul-02	Jul-03	Yearly Improvement	Jul-02	Jul-03	Yearly Improvement
Wayside Availability												
Track	100.00%	99.99%	-0.01%	100.00%	100.00%	0.00%	100.00%	99.98%	-0.02%	N.A.	100.00%	N.A.
Signals	99.99%	99.98%	-0.01%	100.00%	99.76%	-0.24%	100.00%	99.95%	-0.05%	N.A.	99.93%	N.A.
Power	99.97%	99.88%	-0.09%	100.00%	99.87%	-0.13%	100.00%	99.80%	-0.20%	N.A.	100.00%	N.A.
Wayside Performance	99.99%	99.95%	-0.04%	100.00%	99.88%	-0.12%	100.00%	99.91%	-0.09%	N.A.	99.98%	N.A.
Vehicle Availability												
Vehicle Performance	99.54%	99.16%	-0.38%	99.86%	99.25%	-0.61%	99.48%	99.40%	-0.08%	N.A.	99.54%	N.A.
Operator Availability												
Operators	99.79%	99.96%	0.17%	100.00%	99.98%	-0.02%	100.00%	99.85%	-0.15%	N.A.	100.00%	N.A.
Service Performance												
ISOTP - Rail	99.29%	98.97%	-0.32%	100.00%	98.87%	-1.13%	99.06%	98.98%	-0.08%	N.A.	99.46%	N.A.
Rail Line Performance	99.65%	99.51%	-0.14%	99.97%	99.49%	-0.47%	99.64%	99.54%	-0.10%	N.A.	99.74%	N.A.

Metro Rail Final Ranking (Sorted)				
Rail Line	GREEN	BLUE	RED	GOLD
Score	-0.100%	-0.142%	-0.471%	N.A.
Rank	1st	2nd	3rd	N.A.

