

Metro Operations Monthly Performance Report for November 2002



Prepared by:

**Los Angeles County
Metropolitan Transportation Authority
Metro Operations Division**

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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 430 Metro buses and 23 Metro Bus lines carrying nearly 68.4 million boarding passengers each year.

This report gives a brief overview of sector operations':

- * Actual Revenue Service Hours (RSH) Delivered
- * 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	FY01	FY02	FY03 Target	FY03 YTD	Nov. Month	Status
Bus Systemwide						
On-Time Pullouts (system)	99.36%	99.61%	100%	99.69%	99.67%	●
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)	4,808	5,415	6,500	6,869	6,832	●
In-Service On-time Performance	63.71%	64.88%	70.00%	69.33%	66.92%	◇
Bus Traffic Accidents Per 100,000 Miles	3.99	3.91	2.70	3.91	3.95	■
Complaints per 100,000 Boardings	3.11	3.54	3.00	4.07	4.21	■
SFV Sector						
On-Time Pullouts (system)	N.A.	99.45%	100%	99.80%	99.79%	●
Mean Miles Between Chargeable Mechanical Failures	N.A.	4,646	6,500	7,491	9,047	●
In-Service On-time Performance	N.A.		70.00%	68.05%	59.66%	◇
Bus Traffic Accidents Per 100,000 Miles	N.A.	3.09	2.70	2.88	3.41	●
Complaints per 100,000 Boardings	N.A.	3.43	3.00	6.32	6.31	■
Division 8						
On-Time Pullouts (system)	99.40%	99.57%	100%	99.85%	99.82%	●
Mean Miles Between Chargeable Mechanical Failures	6,637	5,775	6,500	7,528	7,535	●
In-Service On-time Performance	65.59%	67.88%	70.00%	70.80%	64.86%	●
Bus Traffic Accidents Per 100,000 Miles	3.02	3.22	2.70	3.15	2.65	◇
Complaints per 100,000 Boardings	3.26	3.16	3.00	7.11	6.40	■
Division 15						
On-Time Pullouts (system)	98.97%	99.37%	100%	99.77%	99.78%	●
Mean Miles Between Chargeable Mechanical Failures	2,871	4,514	6,500	7,465	10,594	●
In-Service On-time Performance	65.32%	62.51%	70.00%	66.90%	57.76%	◇
Bus Traffic Accidents Per 100,000 Miles	3.25	3.01	2.70	2.68	3.78	●
Complaints per 100,000 Boardings	4.05	3.58	3.00	5.88	6.25	■

● 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.

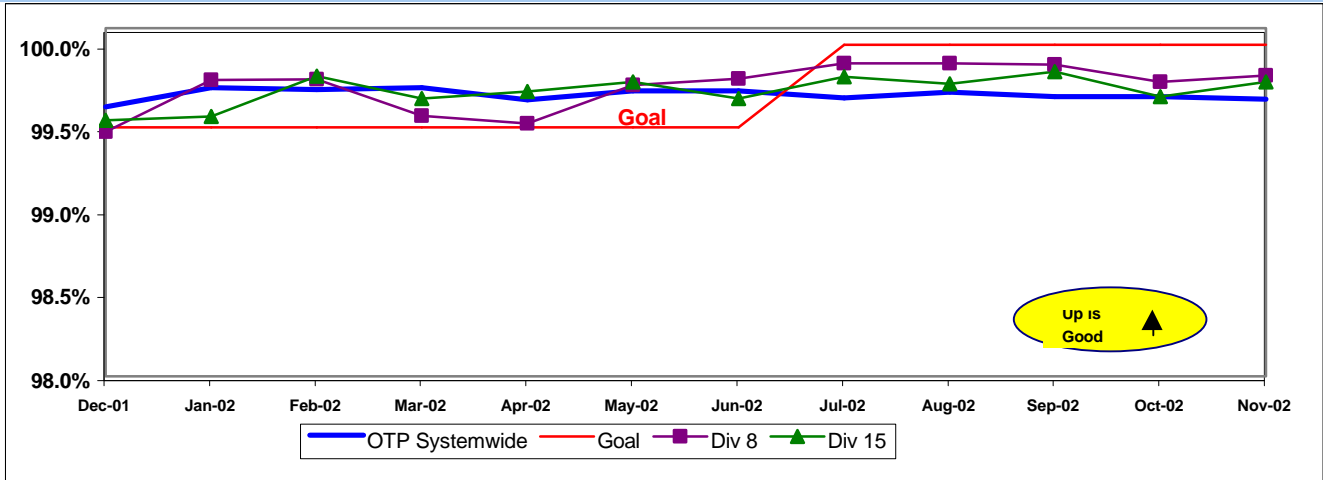
SAN FERNANDO VALLEY SECTOR BUS SERVICE PERFORMANCE

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

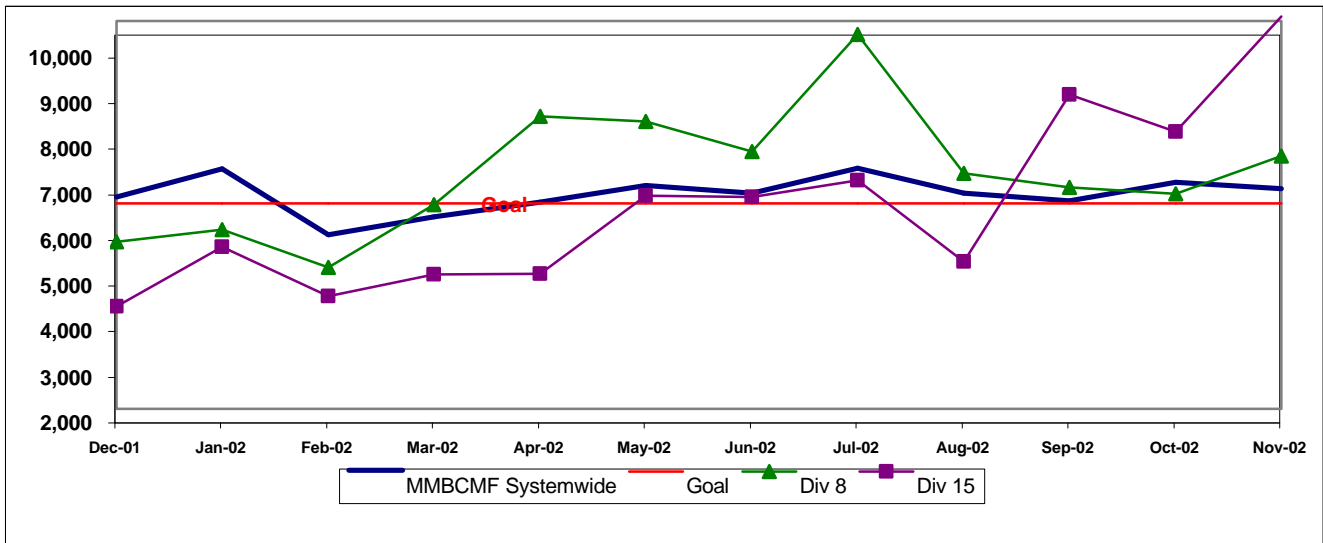
OTP Systemwide and Divisions 8 and 15



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



Outlates & Cancellations by Sector's Divisions

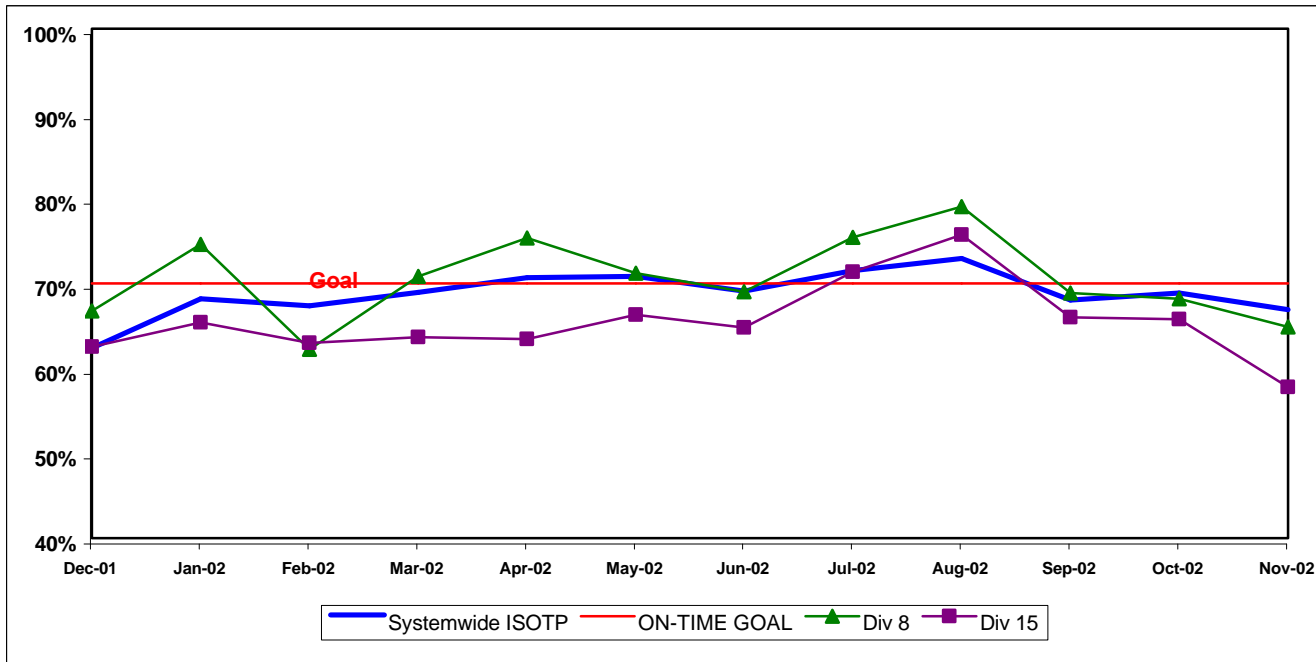
Div.	Sched. Pull-Outs	CANCELLATIONS		OUTLATES		% Total Outlates & Cancellations	ON-TIME PULL-OUT RATE	REASONS FOR OUTLATES and CANCELLATIONS			
		Number	% of Pull-outs	Number	% of Pull-outs			No Operator Available	Bus Mechanical Failure	Other	
San Fernando Valley (SFV)								99.79%			
8	4867	0	0.00%	9	0.18%	4.05%	99.82%	0	7	2	
15	6692	0	0.00%	15	0.22%	6.76%	99.78%	0	11	4	
SYS. TOTAL	67489	1	0.00%	221	0.33%	100.00%	99.67%	4	164	54	

IN-SERVICE ON-TIME PERFORMANCE

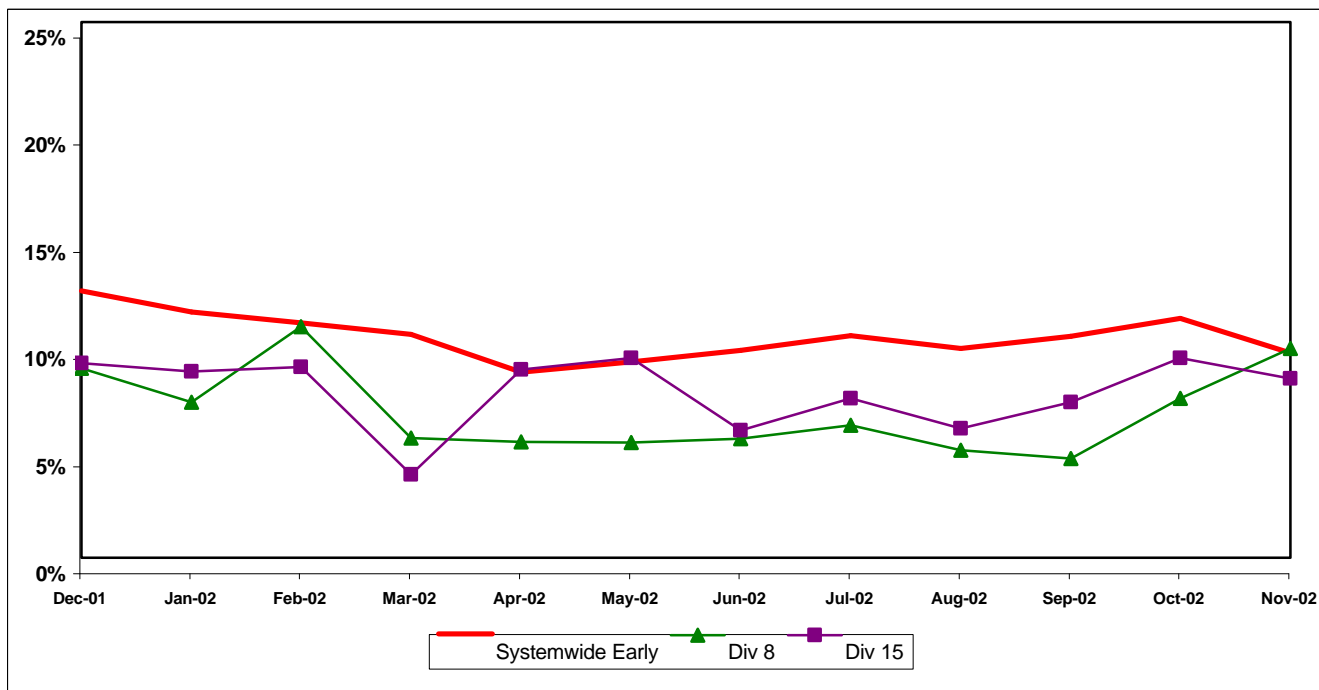
Definition: This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

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

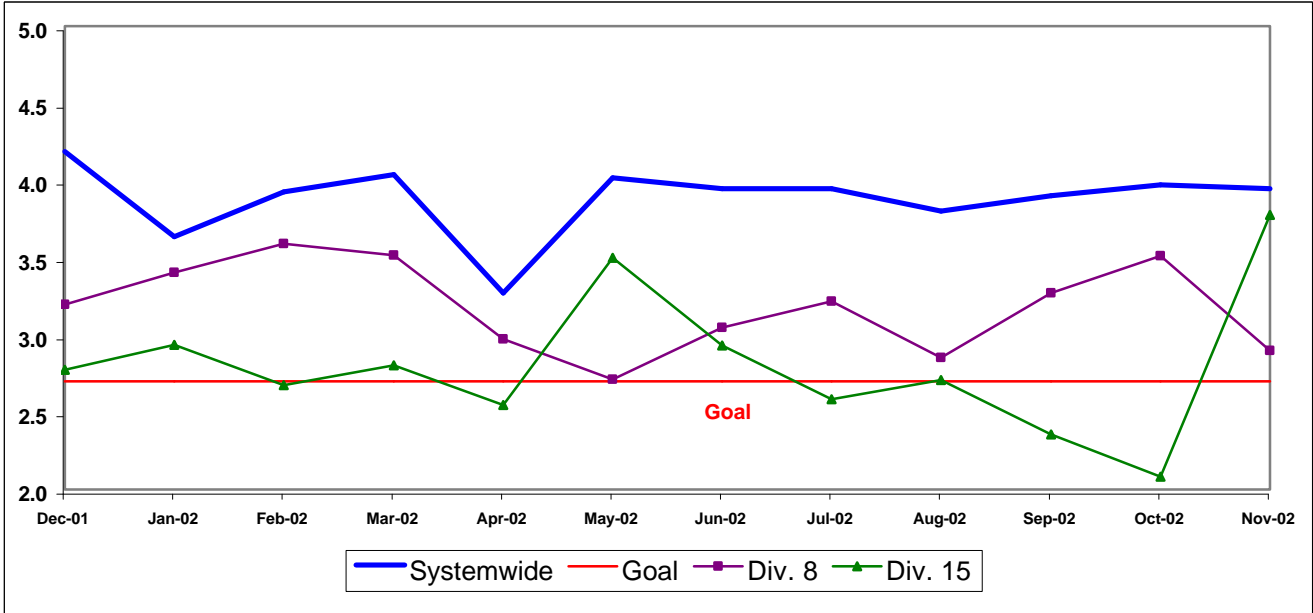


BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES

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))

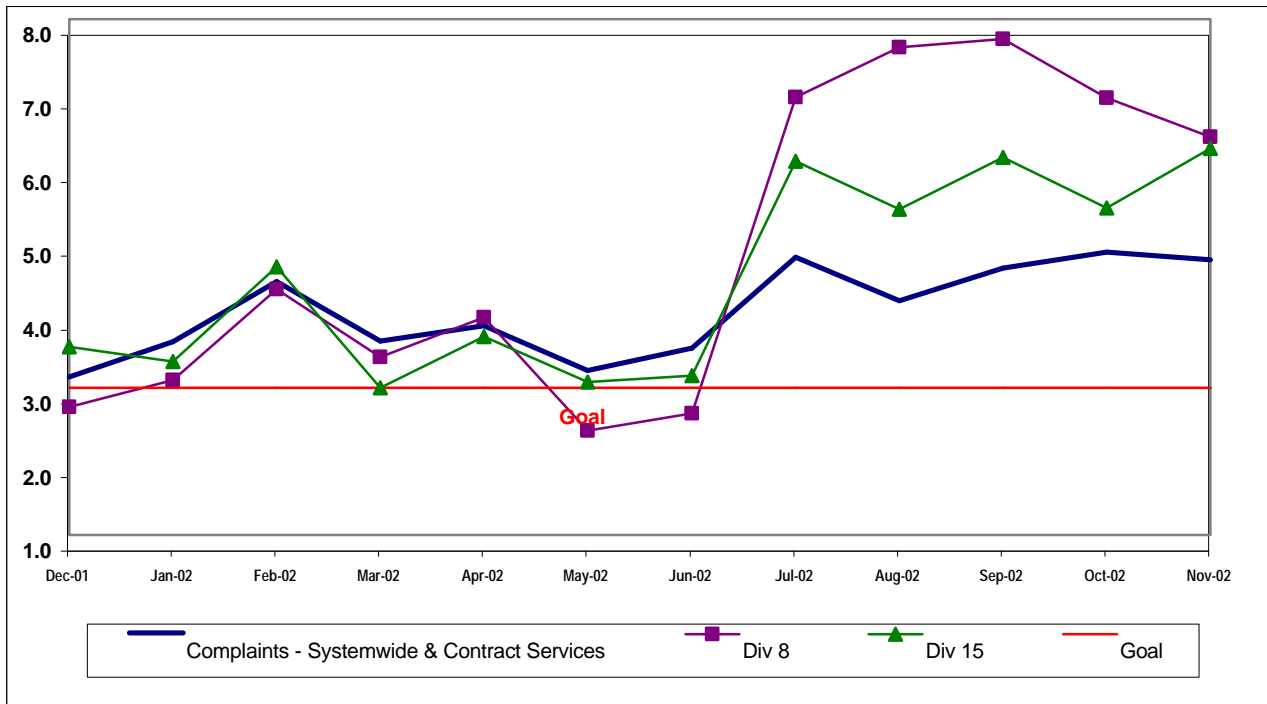


COMPLAINTS PER 100,000 BOARDINGS

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 440 Metro buses and 28 Metro Bus lines carrying over 60.4 million boarding passengers each year.

This report gives a brief overview of sector operations':

- * Actual Revenue Service Hours (RSH) Delivered
- * 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	FY01	FY02	FY03 Target	FY03 YTD	Nov. Month	Status
Bus Systemwide						
On-Time Pullouts (system)	99.36%	99.61%	100%	99.69%	99.67%	●
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)	4,808	5,415	6,500	6,869	6,832	●
In-Service On-time Performance	63.71%	64.88%	70.00%	69.33%	66.92%	◇
Bus Traffic Accidents Per 100,000 Miles	3.99	3.91	2.70	3.91	3.95	■
Complaints per 100,000 Boardings	3.11	3.54	3.00	4.07	4.21	■
SGV Sector						
On-Time Pullouts	N.A.	99.71%	100%	99.77%	99.67%	●
MMBCMF	N.A.	6,708	6,500	7,928	6,696	●
In-Service On-time Performance	N.A.		70%	70.17%	68.24%	●
Bus Traffic Accidents Per 100,000 Miles	N.A.	3.23	2.70	3.64	3.31	■
Complaints per 100,000 Boardings	N.A.	3.13	3.00	3.40	3.65	◇
Division 3						
On-Time Pullouts	99.60%	99.69%	100%	99.71%	99.44%	●
MMBCMF	4,505	5,538	6,500	5,894	4,962	◇
In-Service On-time Performance	67.86%	68.70%	70%	70.70%	69.75%	●
Bus Traffic Accidents Per 100,000 Miles	4.63	3.96	2.70	4.42	4.00	■
Complaints per 100,000 Boardings	2.35	2.61	3.00	2.93	3.07	●
Division 9						
On-Time Pullouts	99.53%	99.72%	100%	99.84%	99.95%	●
Mean Miles Between Chargeable Mechanical Failures	6,181	8,336	6,500	11,818	10,071	●
In-Service On-time Performance	68.22%	64.56%	70.00%	69.02%	64.39%	●
Bus Traffic Accidents Per 100,000 Miles	2.31	2.56	2.70	2.90	2.65	●
Complaints per 100,000 Boardings	3.82	3.90	3.00	4.16	4.56	■

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

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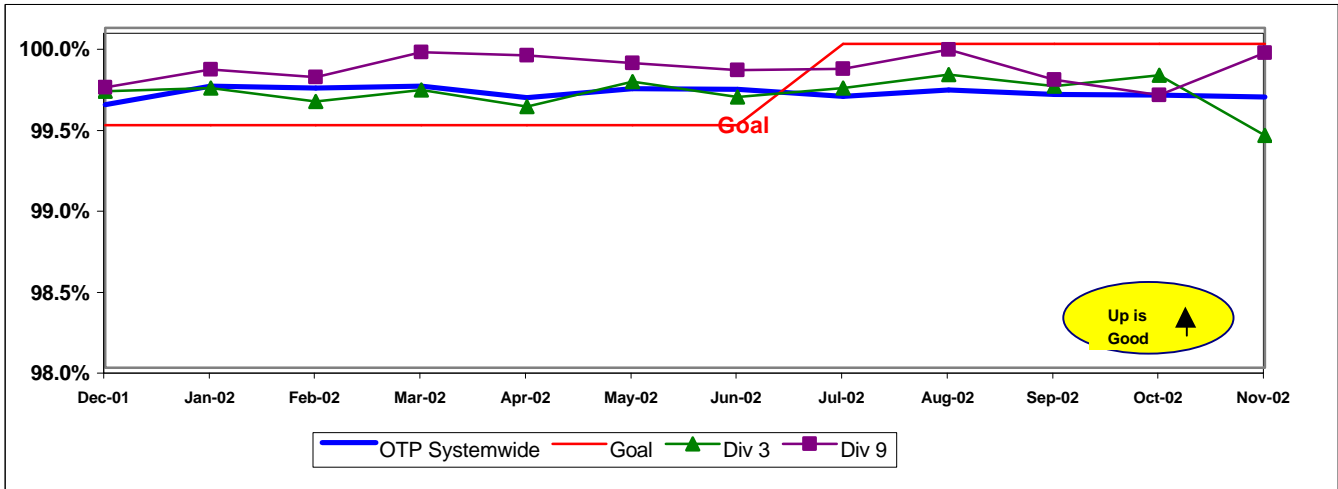
SAN GABRIEL VALLEY SECTOR (SGV) BUS SERVICE PERFORMANCE

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

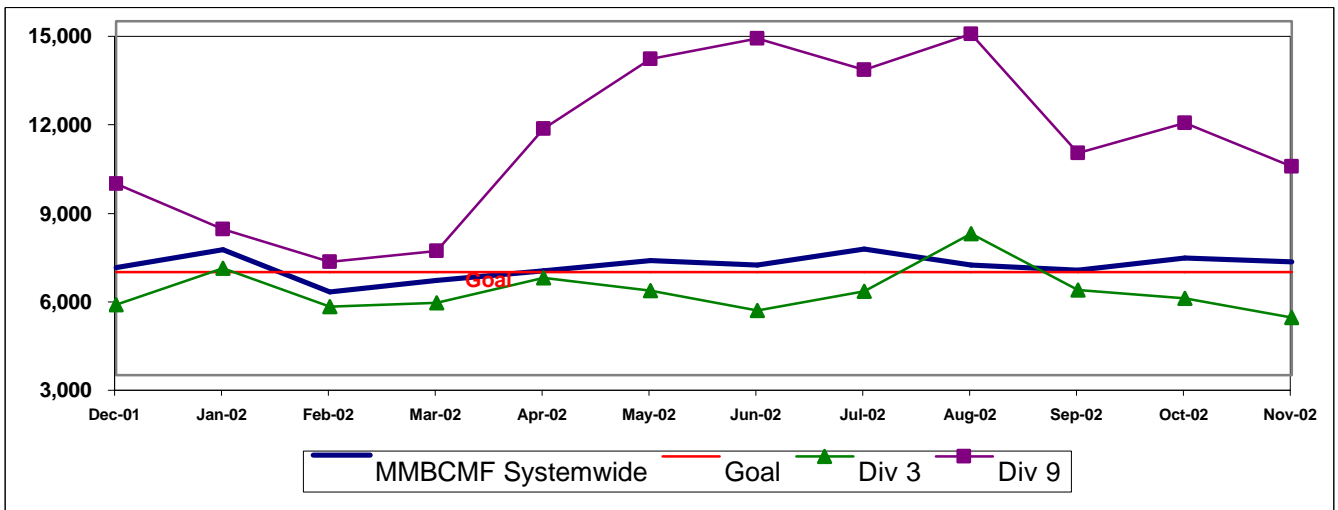
OTP - Systemwide and Divisions 3 and 9



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	6557	0	0.00%	37	0.56%	16.67%	99.44%	0	33	4
9	5464	0	0.00%	3	0.05%	1.35%	99.95%	0	3	0
SYS. TOTAL	67489	1	0.00%	221	0.33%	100.00%	99.67%	4	164	54

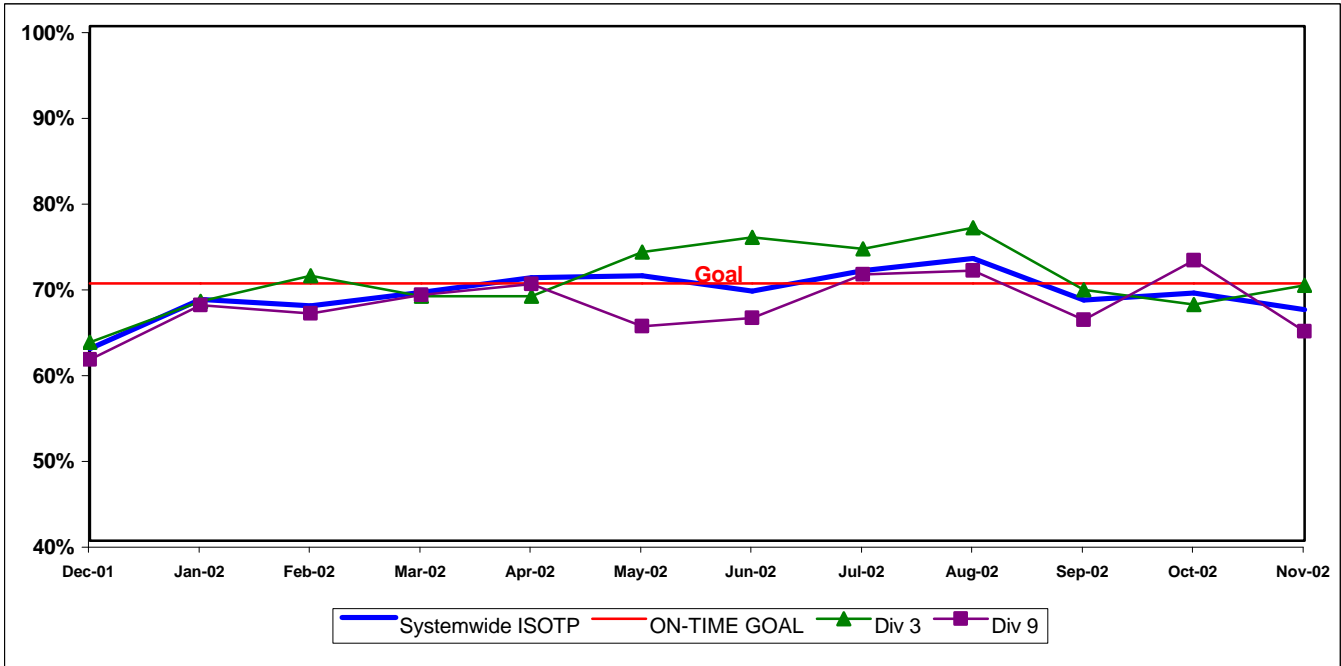
SGV SECTOR BUS SERVICE PERFORMANCE - Continued

IN-SERVICE ON-TIME PERFORMANCE

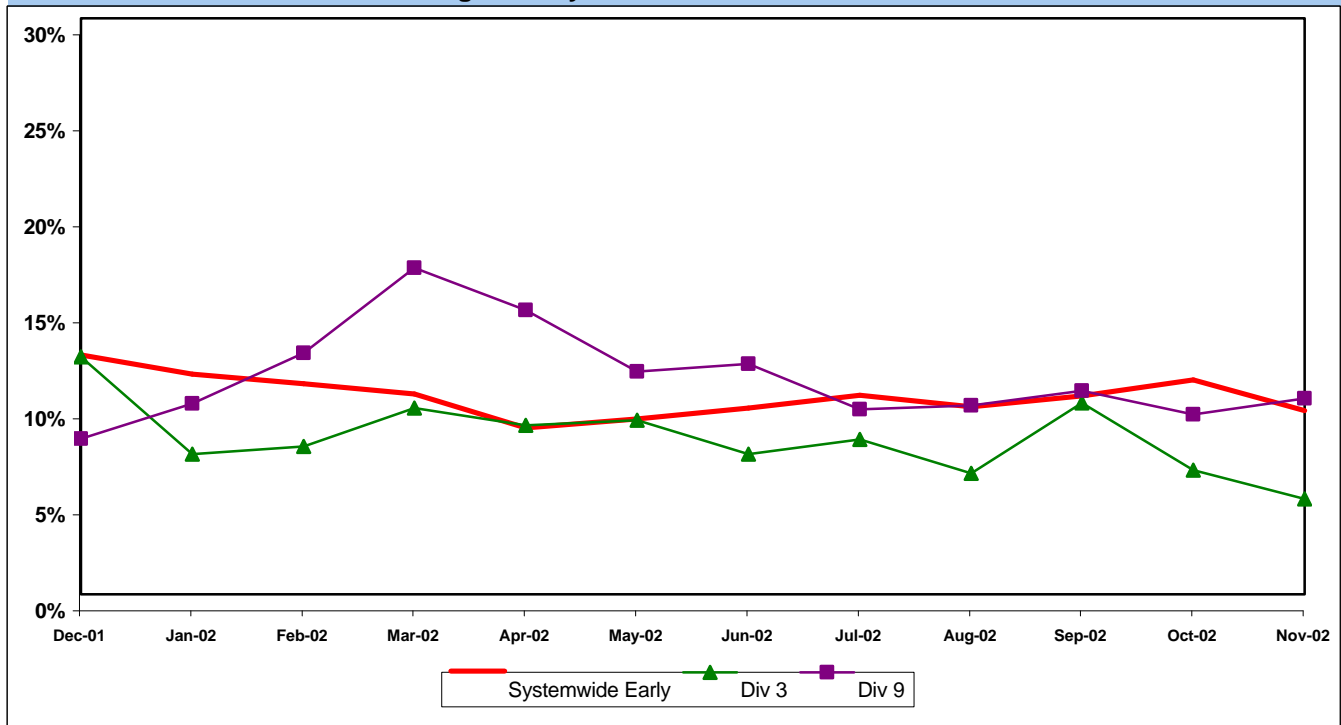
Definition: This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

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

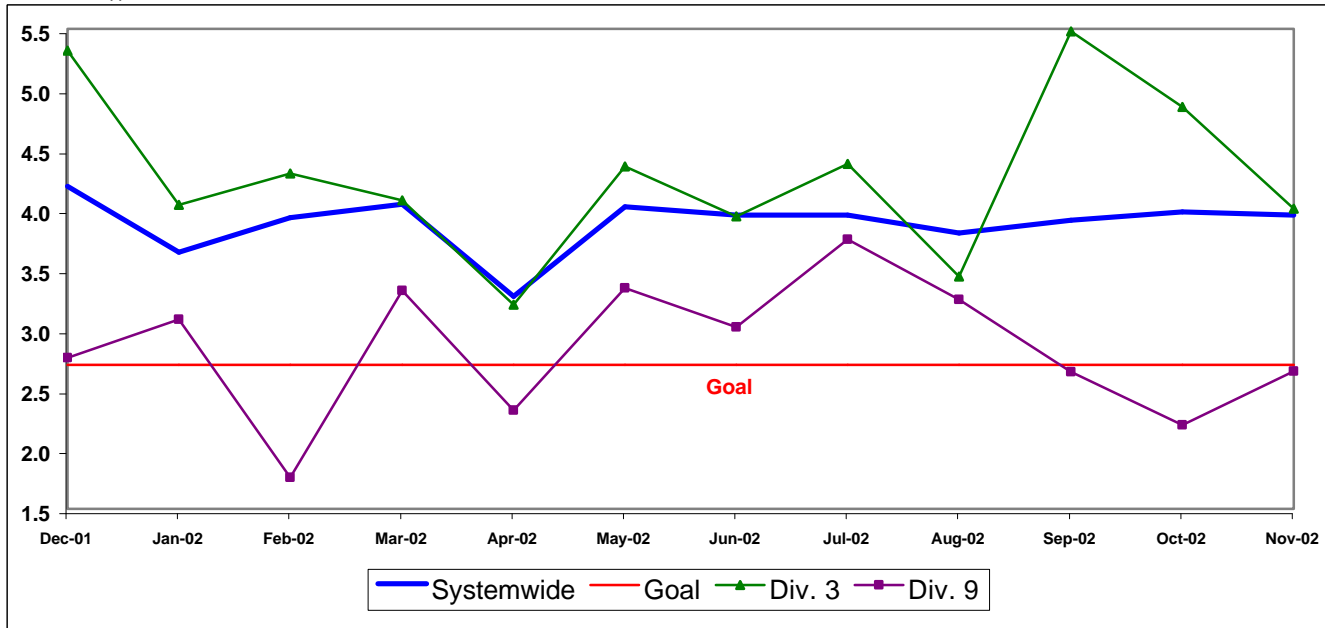


SGV SECTOR BUS SERVICE PERFORMANCE - Continued

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.

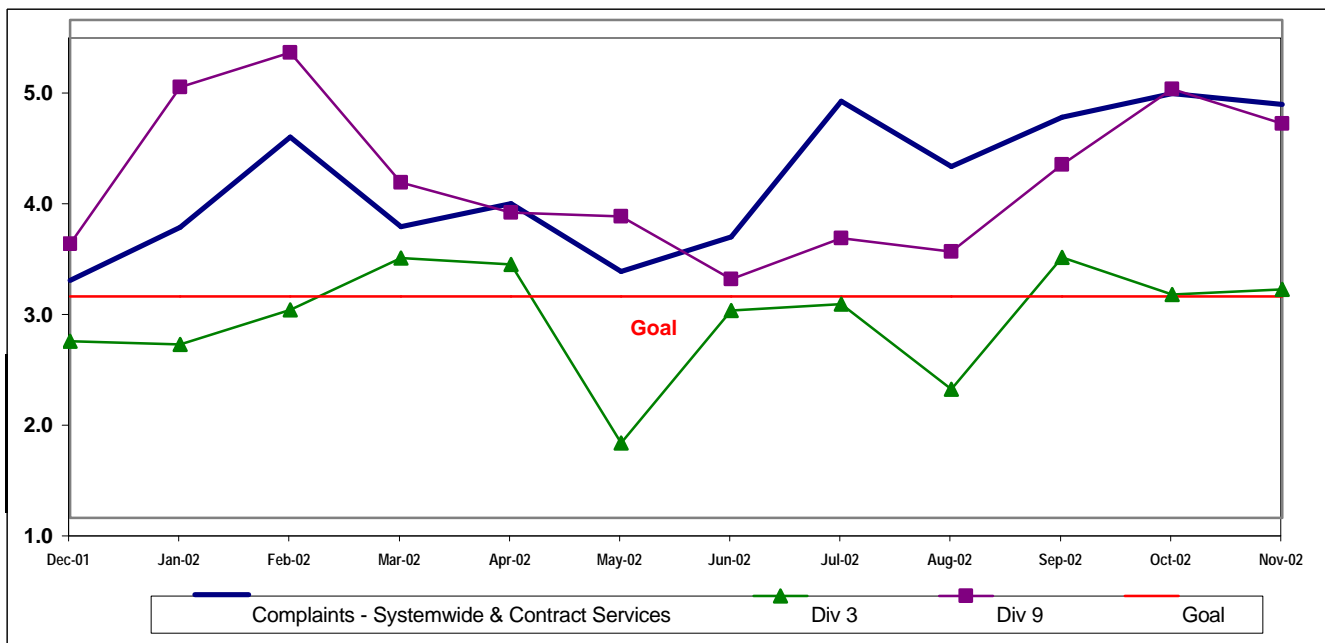
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



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 16 Metro Bus lines carrying nearly 63.4 million boarding passengers each year.

This report gives a brief overview of sector operations':

- * Actual Revenue Service Hours (RSH) Delivered
- * 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	FY01	FY02	FY03 Target	FY03 YTD	Nov. Month	Status
Bus Systemwide						
On-Time Pullouts (system)	99.36%	99.61%	100.00%	99.69%	99.67%	●
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)	4,808	5,415	6,500	6,869	6,832	●
In-Service On-time Performance	63.71%	64.88%	70.00%	69.33%	66.92%	◇
Bus Traffic Accidents Per 100,000 Miles	3.99	3.91	2.70	3.91	3.95	■
Complaints per 100,000 Boardings	3.11	3.54	3.00	4.07	4.21	■
GC Sector						
On-Time Pullouts	N.A.	99.64%	100%	99.73%	99.82%	●
MMBCMF	N.A.	6,726	6,500	6,581	5,394	●
In-Service On-time Performance	N.A.		70%	73.94%	71.95%	●
Bus Traffic Accidents Per 100,000 Miles	N.A.	4.49	2.70	4.35	3.97	■
Complaints per 100,000 Boardings	N.A.	2.07	3.00	2.66	3.05	●
Division 1						
On-Time Pullouts	99.69%	99.84%	100%	99.83%	99.89%	●
MMBCMF	2,036	8,510	6,500	10,178	11,264	●
In-Service On-time Performance	70.78%	74.95%	70%	77.88%	76.00%	●
Bus Traffic Accidents Per 100,000 Miles	4.50	4.51	2.70	3.26	3.40	◇
Complaints per 100,000 Boardings	1.72	1.76	3.00	1.99	2.28	●
Division 2						
On-Time Pullouts	99.18%	99.44%	100%	99.62%	99.76%	●
MMBCMF	2,301	5,514	6,500	4,861	6,215	◇
In-Service On-time Performance	61.26%	63.01%	70%	66.12%	63.93%	◇
Bus Traffic Accidents Per 100,000 Miles	5.34	4.48	2.70	5.44	4.54	■
Complaints per 100,000 Boardings	2.43	2.38	3.00	3.47	3.96	●

● 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.

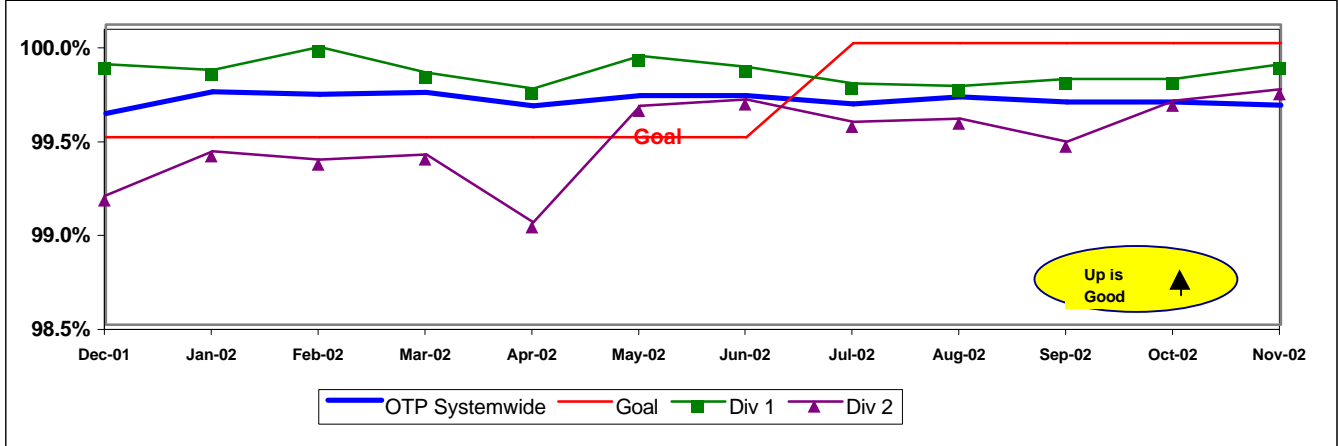
GATEWAY CITIES SECTOR BUS SERVICE PERFORMANCE

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

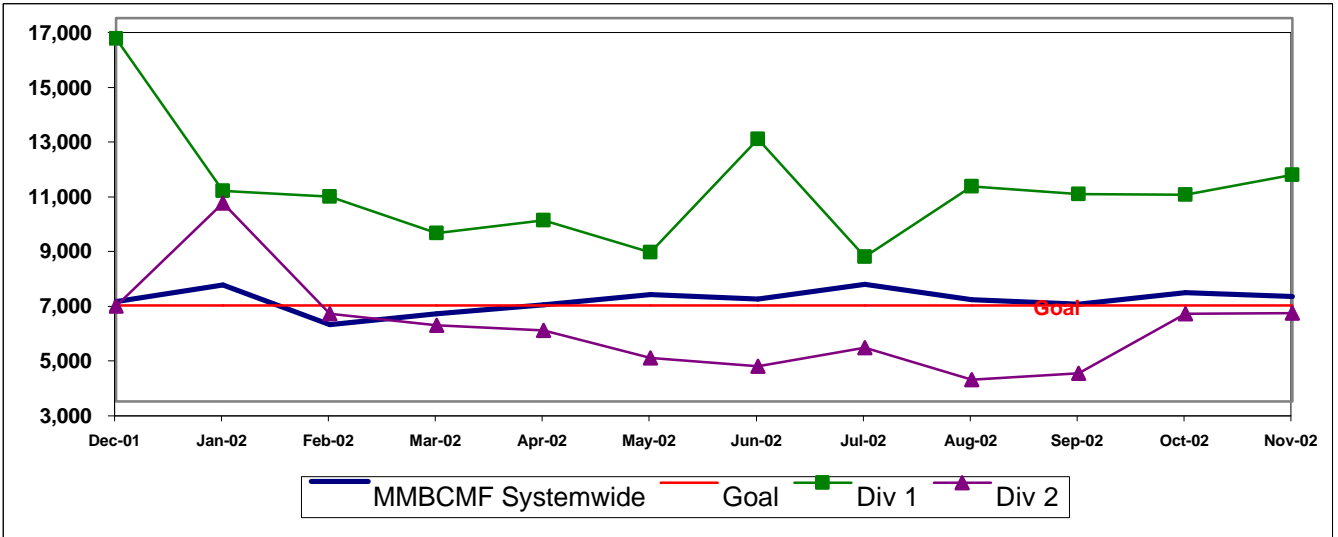


MEAN MILES BETWEEN CHARGEABLE MECHANICAL FAILURES

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

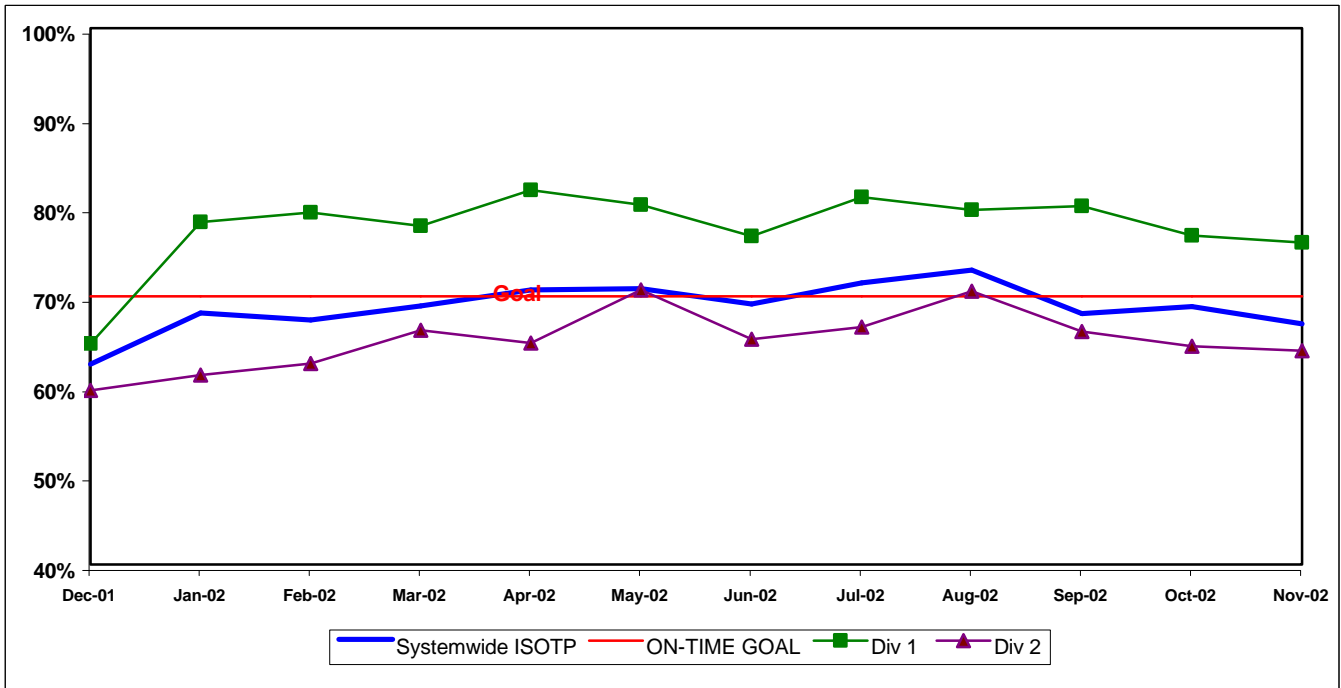
Div.	Sched. Pull-Outs	CANCELLATIONS		OUTLATES		% Total Outlates & Cancellations	ON-TIME PULL-OUT RATE	REASONS FOR OUTLATES and CANCELLATIONS		
		Number	% of Pull-outs	Number	% of Pull-outs			No Operator Available	Bus Mechanical Failure	Other
Gateway Cities (GWC)							99.82%			
1	5320	0	0.00%	6	0.11%	2.70%	99.89%	0	3	3
2	5345	0	0.00%	13	0.24%	5.86%	99.76%	0	10	3
SYS. TOTAL	67489	1	0.00%	221	0.33%	100.00%	99.67%	4	164	54

IN-SERVICE ON-TIME PERFORMANCE

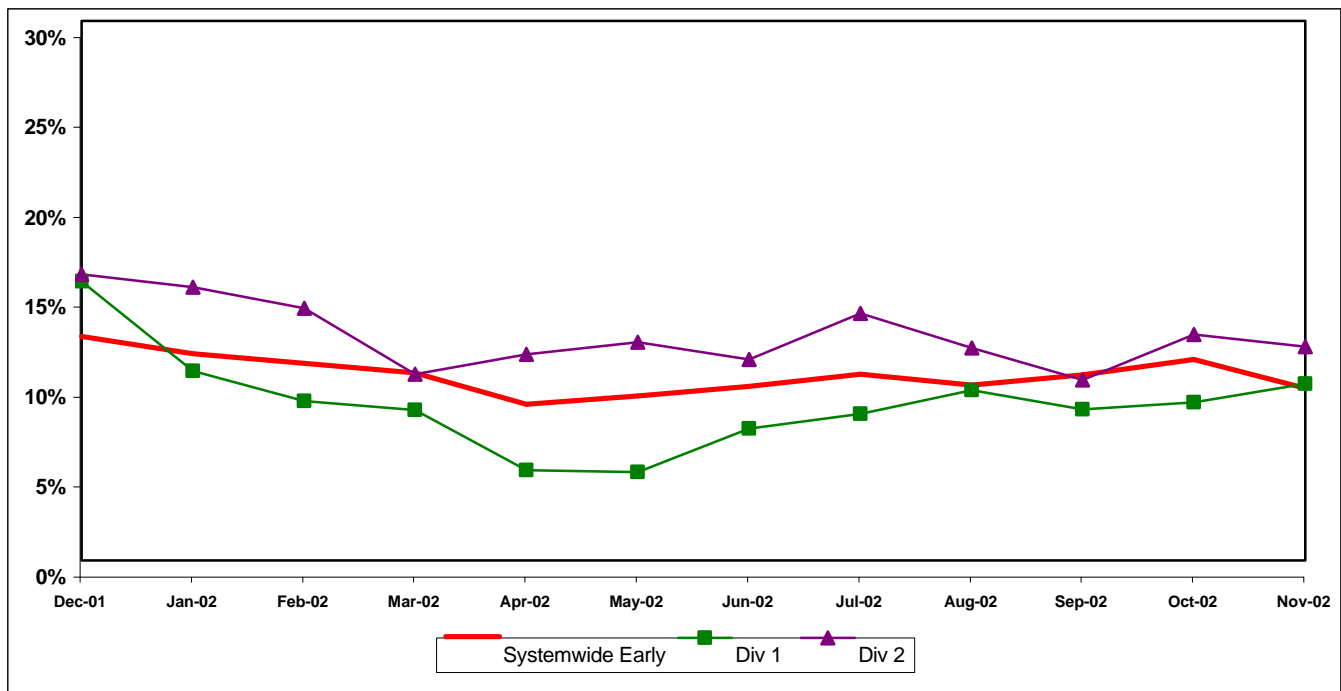
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**Systemwide and Bus Operating Divisions 1 and 2
ISOTP - 1 Minute Tolerance for Running Hot**



Running Hot - Systemwide and Divisions 1 and 2

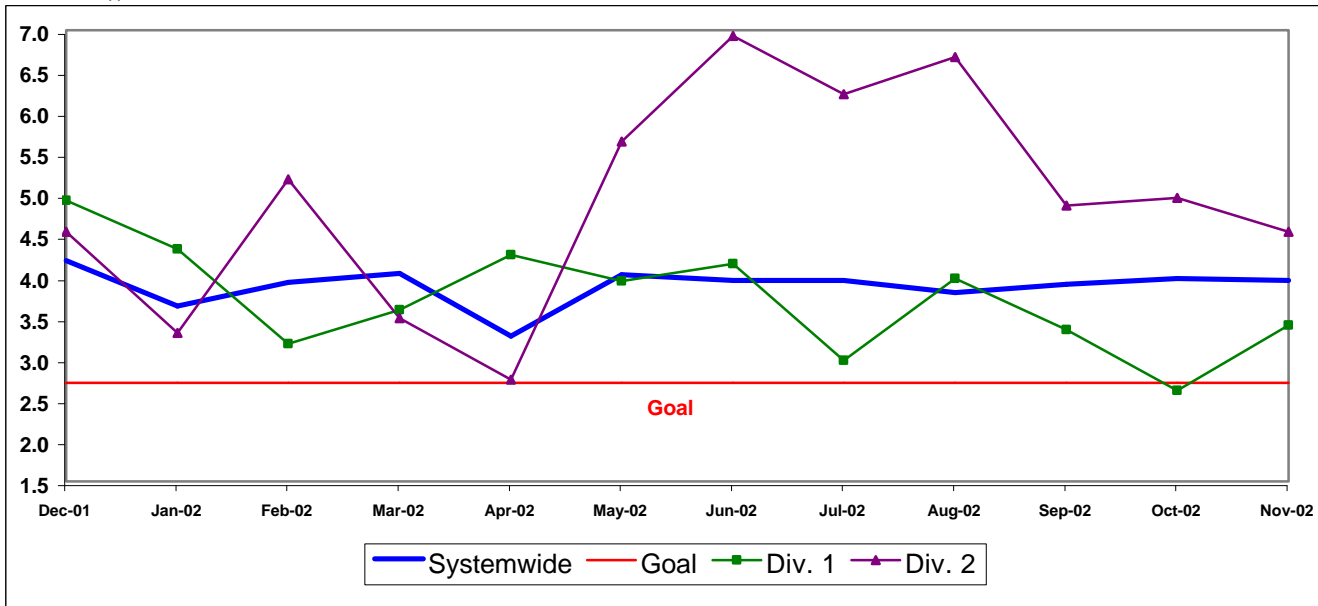


GC SECTOR BUS SERVICE PERFORMANCE - Continued

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.

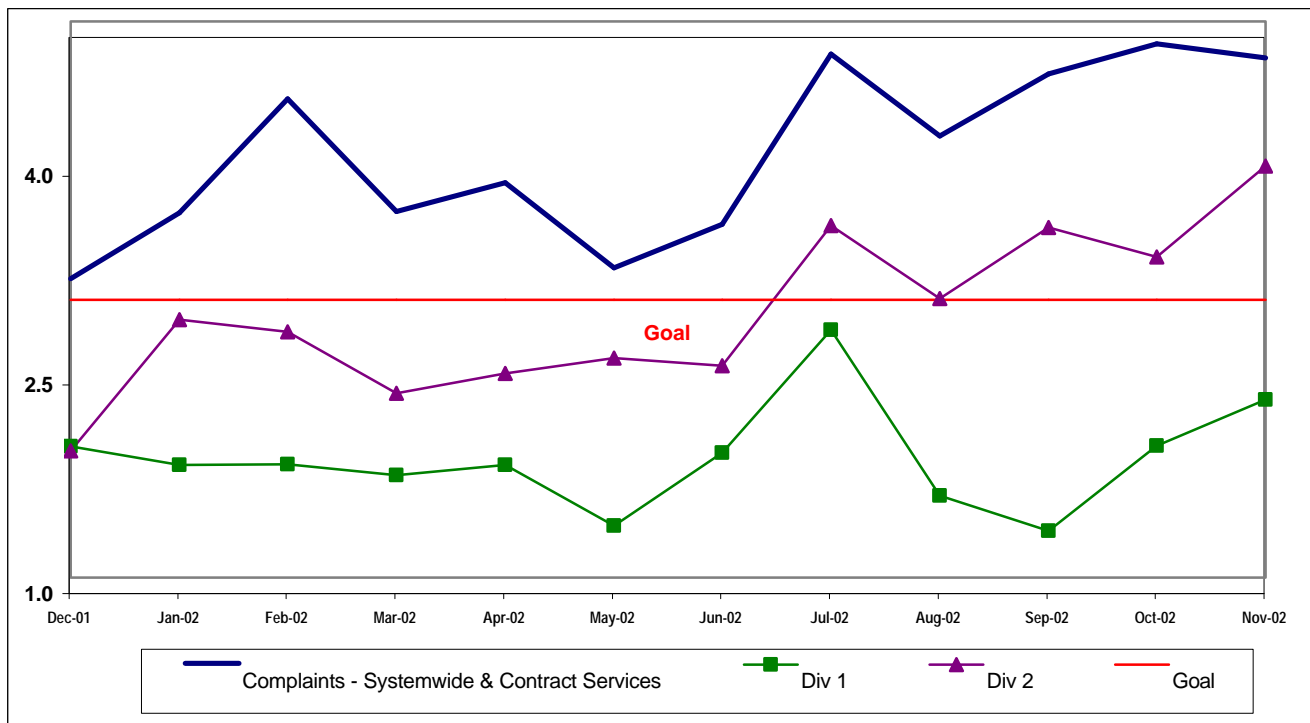
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



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 530 Metro buses and 32 Metro Bus lines carrying over 85.6 million boarding passengers each year.


This report gives a brief overview of sector operations':

- * Actual Revenue Service Hours (RSH) Delivered
- * On-Time Pullout Percentage
- * In-Service On-Time Performance
- * Mean Miles Between Chargeable Mechanical Failures (MMBCMF)
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Measurement	FY01	FY02	FY03 Target	FY03 YTD	Nov. Month	Status
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In-Service On-time Performance	63.71%	64.88%	70%	69.33%	66.92%	
Bus Traffic Accidents Per 100,000 Miles	3.99	3.91	2.70	3.91	3.95	
Complaints per 100,000 Boardings	3.11	3.54	3.00	4.07	4.21	
SB Sector						
On-Time Pullouts	N.A.	99.75%	100%	99.70%	99.63%	
MMBCMF	N.A.	5,665	6,500	6,580	6,755	
In-Service On-time Performance	N.A.		70%			
Bus Traffic Accidents Per 100,000 Miles	N.A.	4.03	2.70	3.97	4.24	
Complaints per 100,000 Boardings	N.A.	3.42	3.00	4.13	4.04	
Division 5						
On-Time Pullouts	99.57%	99.74%	100%	99.71%	99.53%	
MMBCMF	3,047	8,883	6,500	9,700	9,850	
In-Service On-time Performance	64.94%	63.31%	70%			
Bus Traffic Accidents Per 100,000 Miles	4.45	4.35	2.70	4.60	4.41	
Complaints per 100,000 Boardings	2.45	2.47	3.00	2.91	2.90	
Division 18						
On-Time Pullouts	99.24%	99.76%	100%	99.69%	99.72%	
MMBCMF	3,938	4,514	6,500	5,384	5,536	
In-Service On-time Performance	59.98%	60.19%	70%			
Bus Traffic Accidents Per 100,000 Miles	3.57	3.80	2.70	3.54	4.12	
Complaints per 100,000 Boardings	4.75	4.39	3.00	5.40	5.32	

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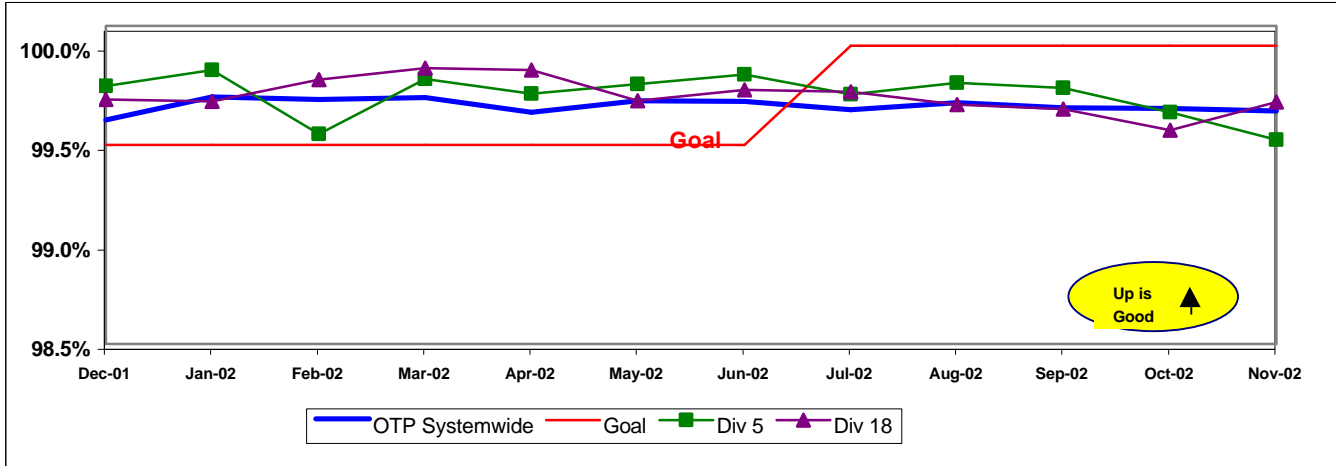
SOUTH BAY SECTOR (SB) BUS SERVICE PERFORMANCE

ON-TIME PULLOUT (OTP) PERCENTAGE

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

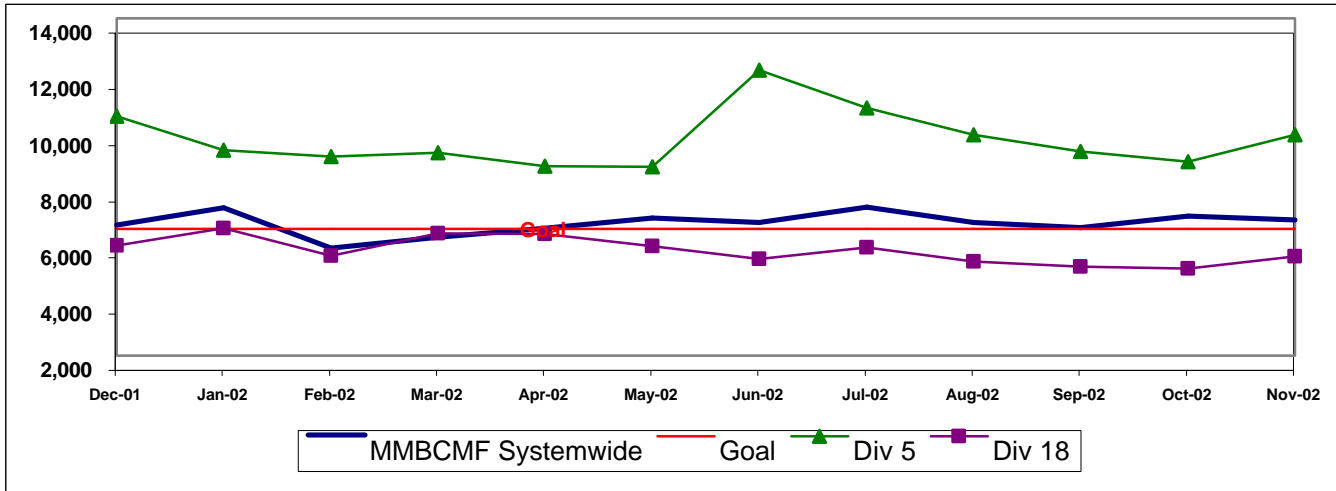
OTP - Systemwide Trend and Division 5 and 18



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)								99.63%		
5	6541	0	0.00%	31	0.47%	13.96%	99.53%	0	19	12
18	8484	1	0.01%	23	0.27%	10.81%	99.72%	0	18	6
SYS.										
TOTAL	67489	1	0.00%	221	0.33%	100.00%	99.67%	4	164	54

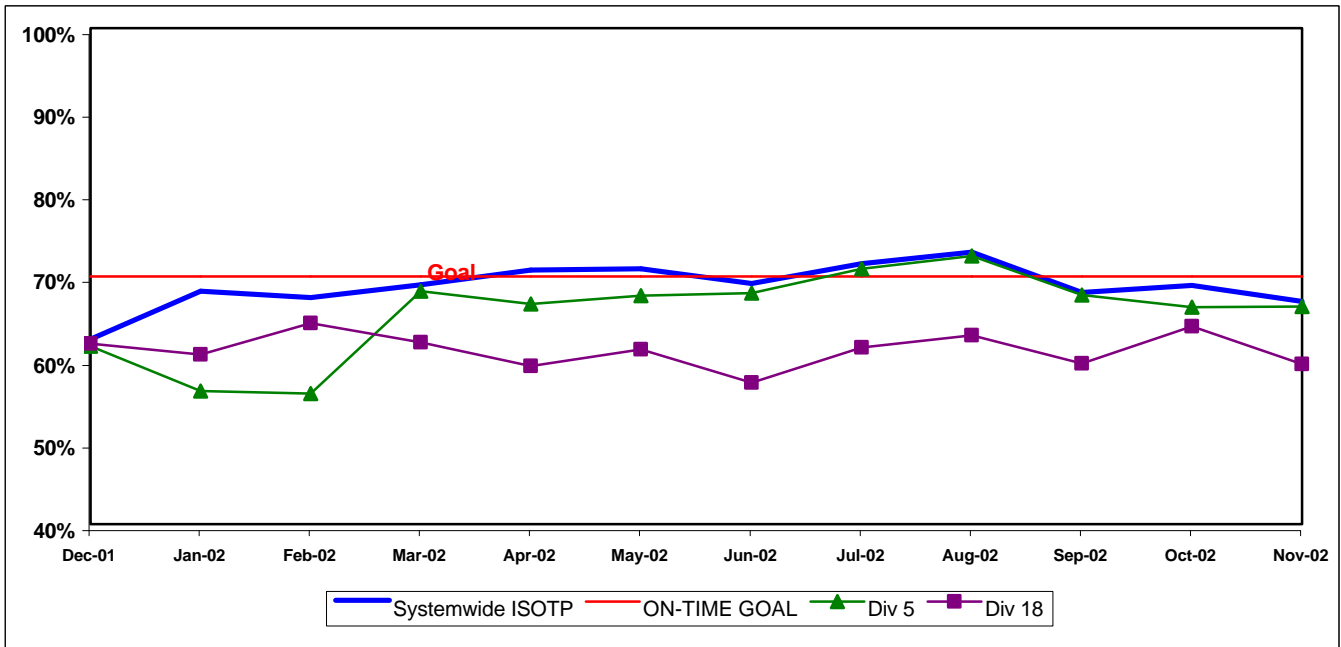
SB SECTOR BUS SERVICE PERFORMANCE - Continued

IN-SERVICE ON-TIME PERFORMANCE

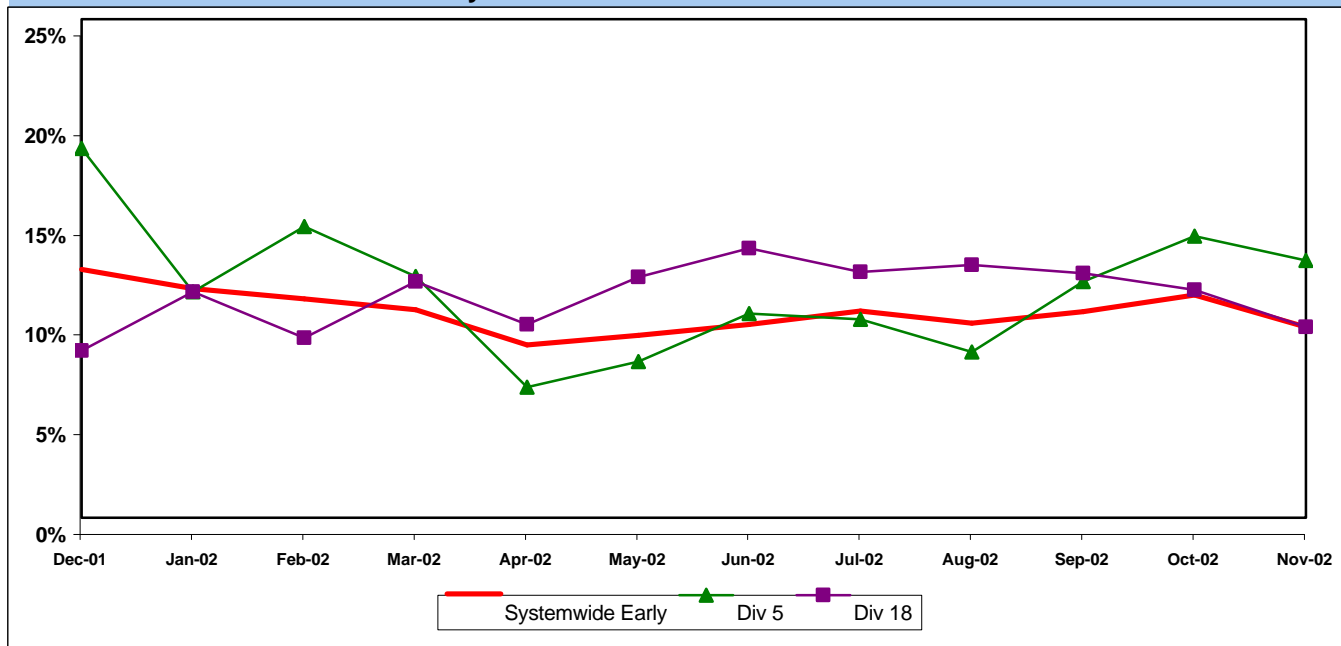
Definition: This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

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**

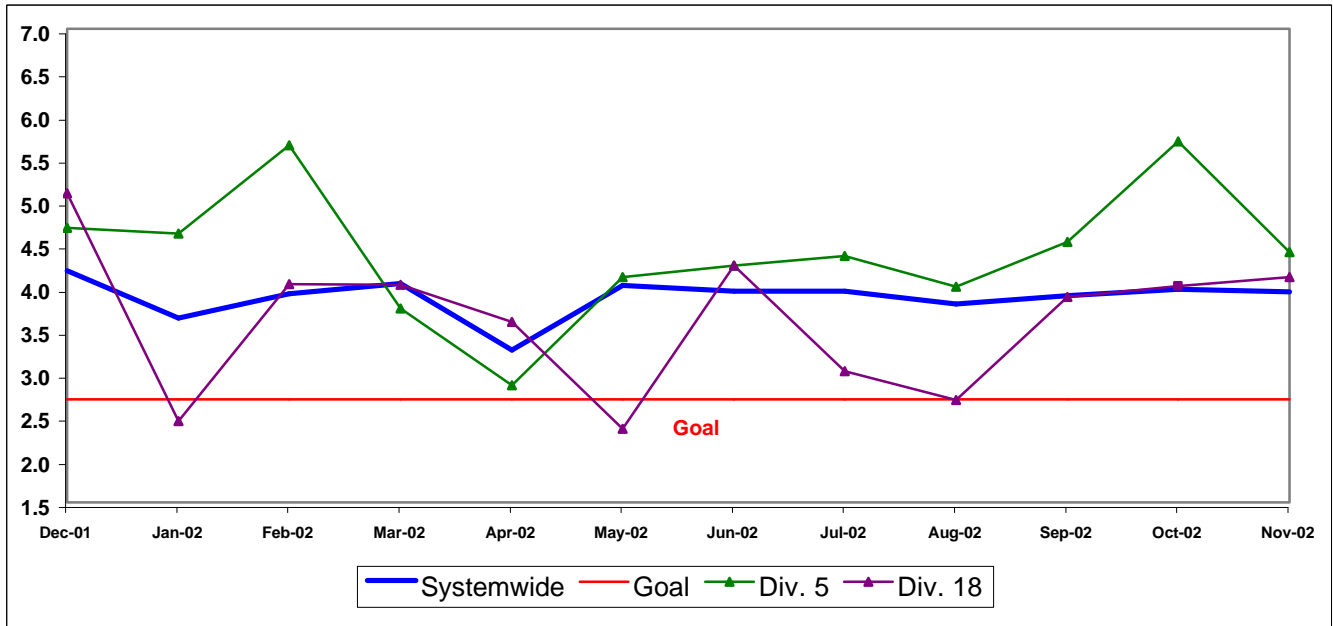


SB SECTOR BUS SERVICE PERFORMANCE - Continued

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.

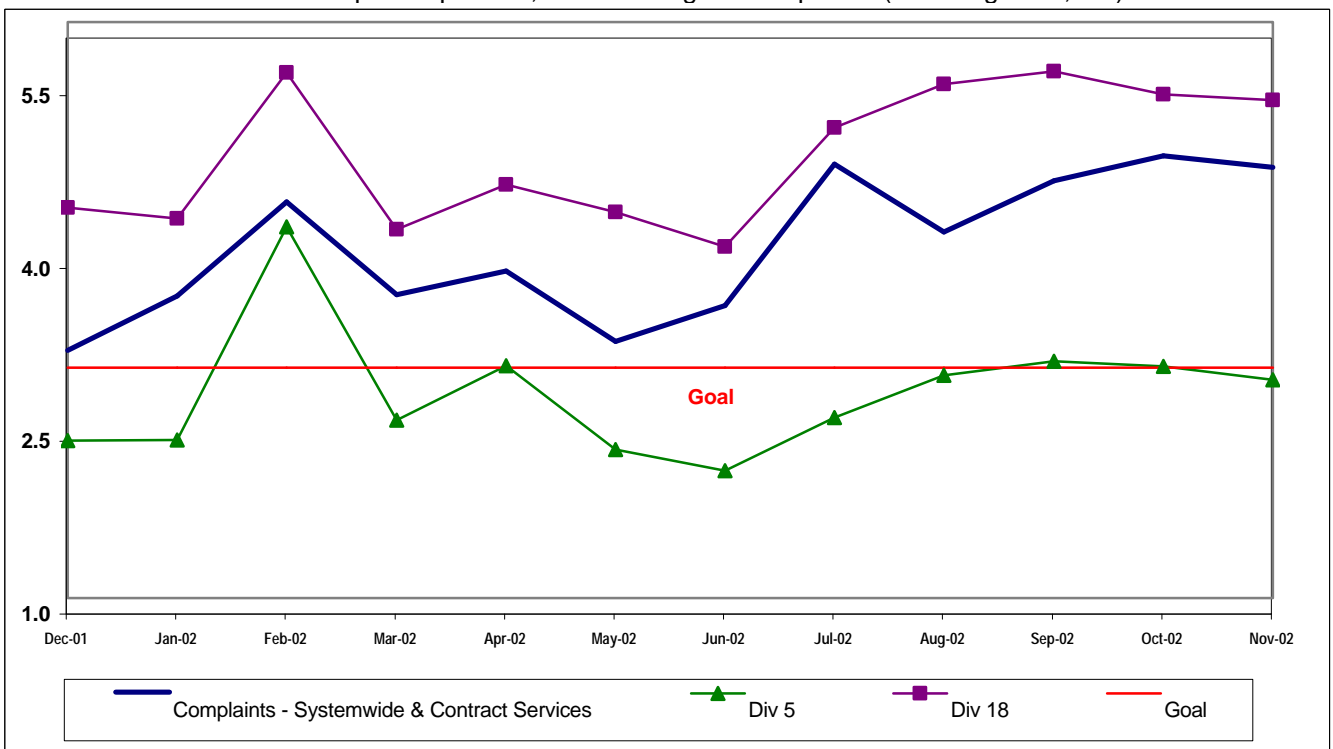
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / 100,000))



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 605 Metro buses and 25 Metro Bus lines carrying nearly 89.3 million boarding passengers each year.

This report gives a brief overview of sector operations':

- * Actual Revenue Service Hours (RSH) Delivered
- * 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	FY01	FY02	FY03 Target	FY03 YTD	Nov. Month	Status
Bus Systemwide						
On-Time Pullouts (system)	99.36%	99.61%	100.00%	99.69%	99.67%	●
Mean Miles Between Chargeable Mechanical Failures (MMBCMF)	4,808	5,415	6,500	6,869	6,832	●
In-Service On-time Performance	63.71%	64.88%	70.00%	69.33%	66.92%	◆
Bus Traffic Accidents Per 100,000 Miles	3.99	3.91	2.70	3.91	3.95	■
Complaints per 100,000 Boardings	3.11	3.54	3.00	4.07	4.21	■
WC Sector						
On-Time Pullouts	N.A.	99.59%	100%	99.53%	99.54%	●
MMBCMF	N.A.	6,099	6,500	6,222	5,477	●
In-Service On-time Performance	N.A.		70%	68.84%	64.67%	◆
Bus Traffic Accidents Per 100,000 Miles	N.A.	4.69	2.70	4.68	4.58	■
Complaints per 100,000 Boardings	N.A.	3.33	3.00	4.29	4.31	■
Division 6						
On-Time Pullouts	99.21%	99.73%	100%	99.86%	99.90%	●
MMBCMF	9,868	9,241	6,500	8,479	5,341	●
In-Service On-time Performance	59.23%	64.64%	70%	68.84%	64.67%	◆
Bus Traffic Accidents Per 100,000 Miles	4.70	4.18	2.70	4.01	3.87	■
Complaints per 100,000 Boardings	4.73	4.51	3.00	6.17	5.65	■
Division 7						
On-Time Pullouts	99.38%	99.59%	100%	99.52%	99.47%	●
MMBCMF	5,847	6,942	6,500	5,709	5,394	◆
In-Service On-time Performance	57.80%	67.96%	70%	67.71%	67.61%	●
Bus Traffic Accidents Per 100,000 Miles	5.53	5.23	2.70	4.75	4.47	■
Complaints per 100,000 Boardings	3.07	3.36	3.00	4.36	4.57	■
Division 10						
On-Time Pullouts	99.27%	99.56%	100%	99.47%	99.52%	●
MMBCMF	3,787	5,121	6,500	6,508	5,591	●
In-Service On-time Performance	63.76%	63.56%	70%	64.89%	63.03%	◆
Bus Traffic Accidents Per 100,000 Miles	3.88	4.23	2.70	4.73	4.81	■
Complaints per 100,000 Boardings	2.73	3.13	3.00	3.92	3.84	◆

● 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.

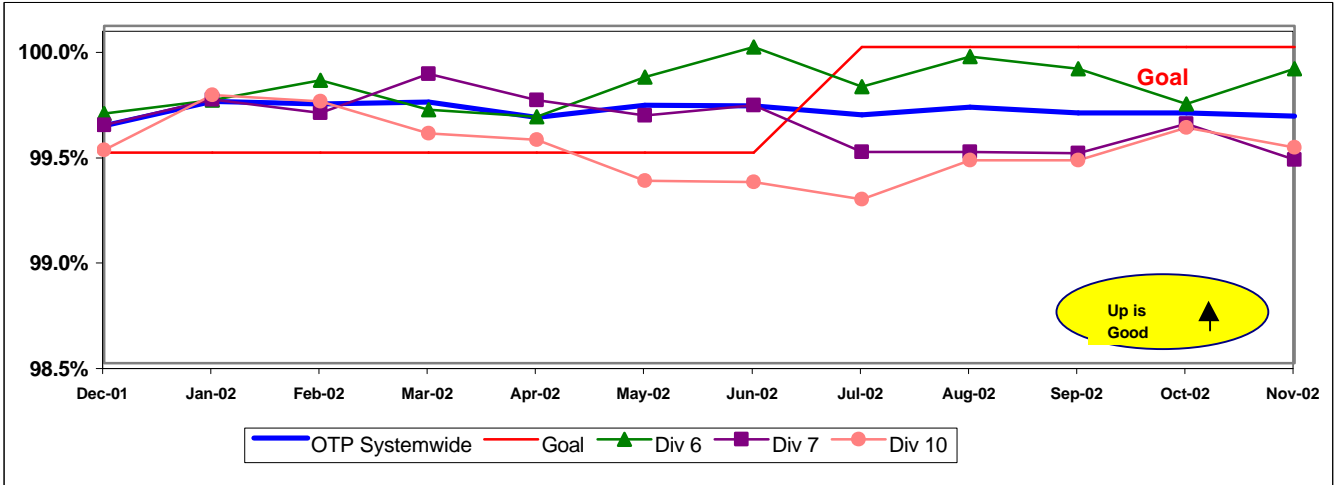
WESTSIDE/CENTRAL SECTOR (WC) BUS SERVICE PERFORMANCE

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

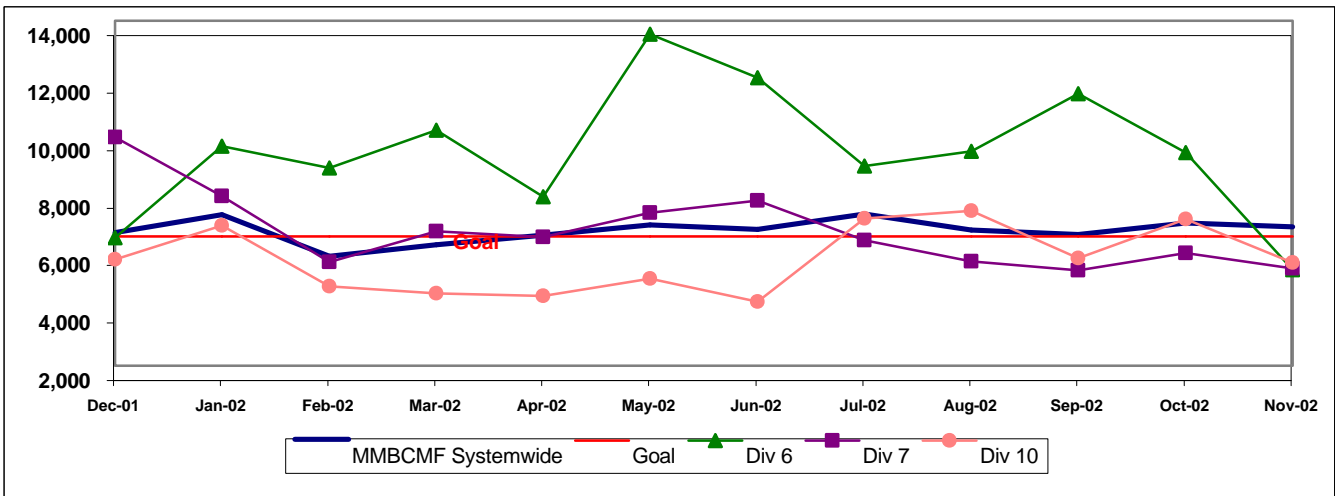
OTP - Systemwide Trend and Divisions 6, 7 and 10



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)								99.54%		
6	1940	0	0.00%	2	0.10%	0.90%	99.90%	0	0	2
7	7674	0	0.00%	41	0.53%	18.47%	99.47%	3	28	10
10	8605	0	0.00%	41	0.48%	18.47%	99.52%	1	32	8
SYS. TOTAL	67489	1	0.00%	221	0.33%	100.00%	99.67%	4	164	54

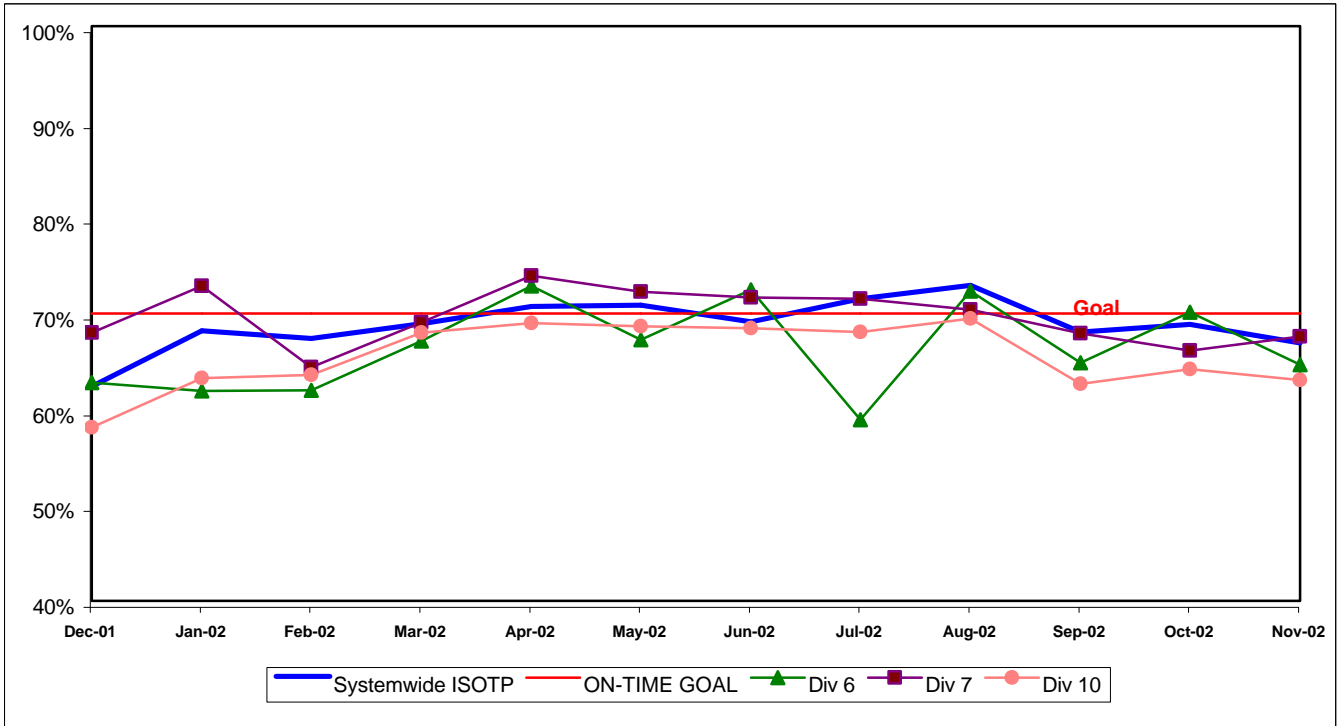
WC SECTOR BUS SERVICE PERFORMANCE - Continued

IN-SERVICE ON-TIME PERFORMANCE

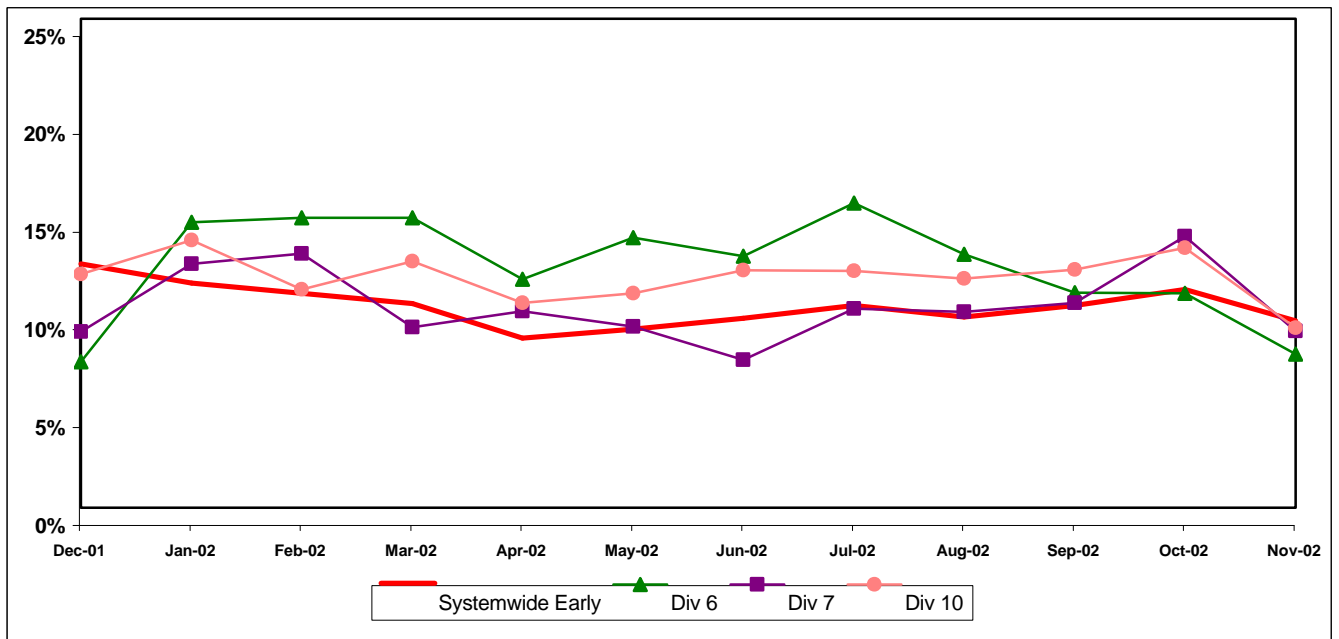
Definition: This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled.

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

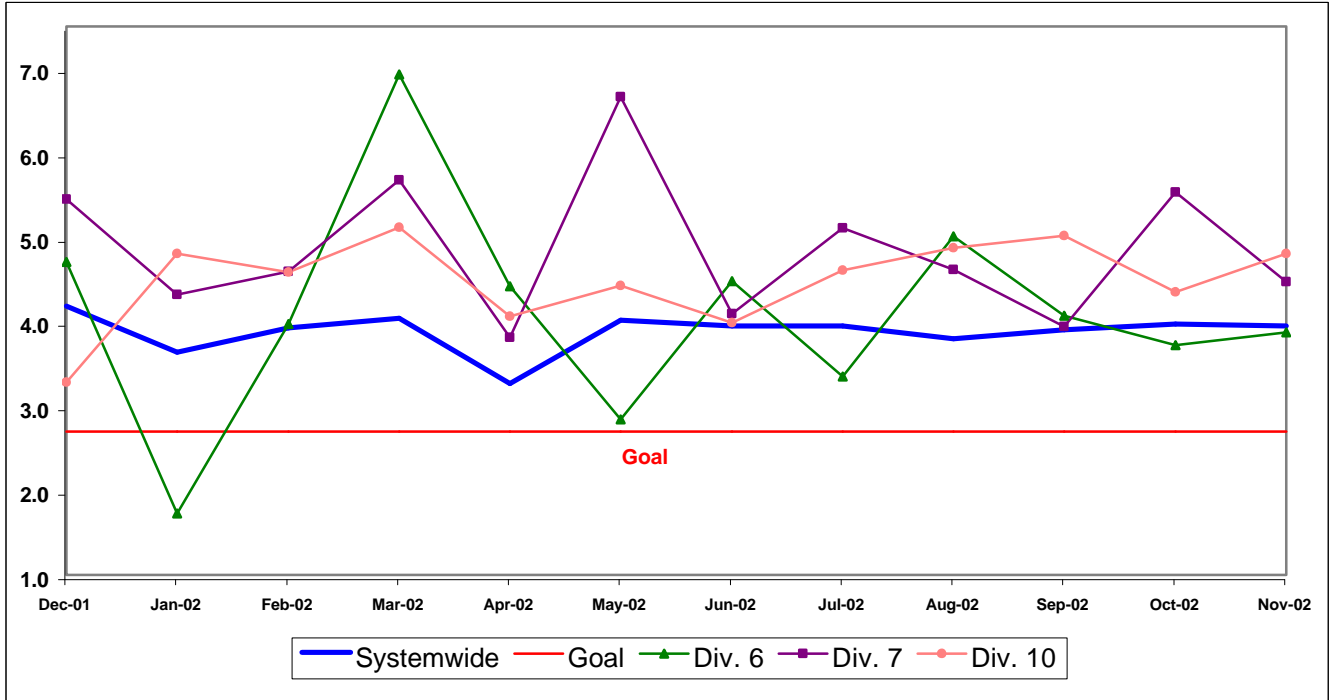


WC SECTOR BUS SERVICE PERFORMANCE - Continued

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.

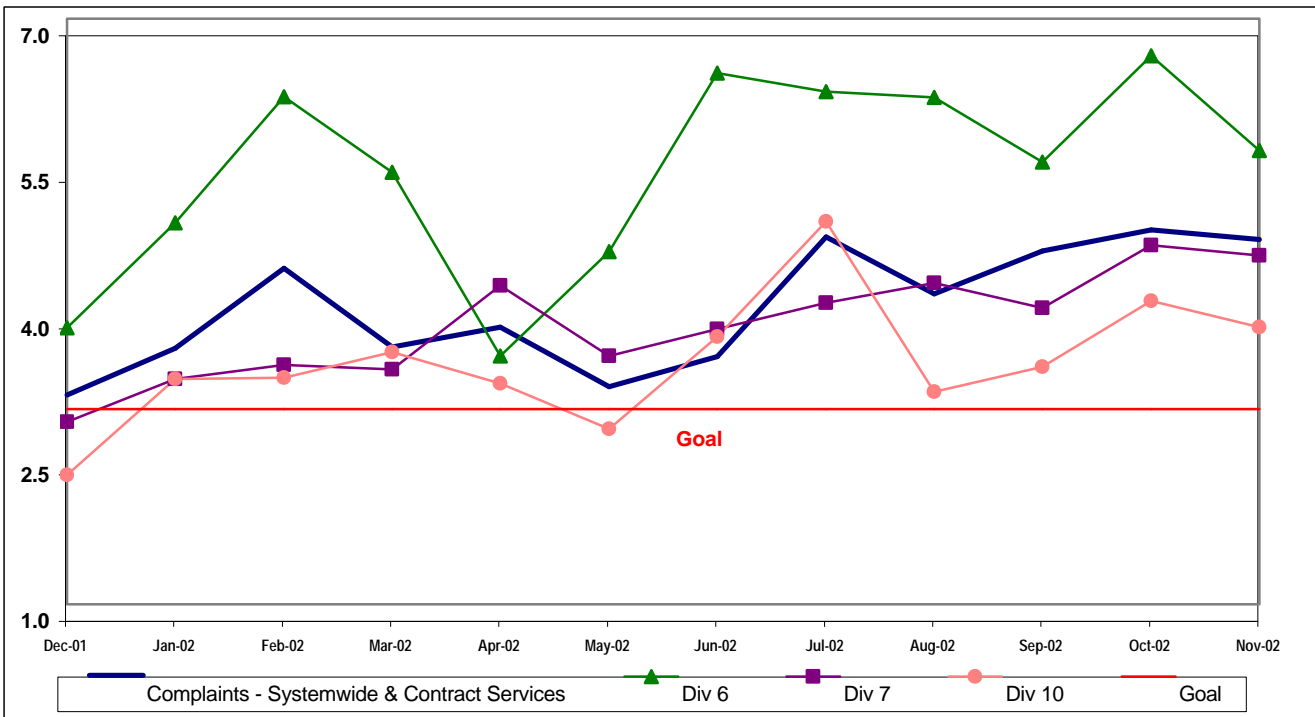
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



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	FY01	FY02	FY03 Target	FY03 YTD	Nov. Month	Status
Metro Red Line (MRL)						
On-Time Pullouts	99.53%	99.89%	99.40%	99.04%	98.94%	
Mean Miles Between Chargeable Mechanical Failures	1,644	9,842	10,000	8,271	8,869	
In-Service On-time Performance	99.13%	99.60%	99.00%	99.28%	98.43%	
Traffic Accidents Per 100,000 Train Miles	0.08	0.22	0.10	0.00	0.00	
Complaints per 100,000 Boardings	0.83	0.73	0.85	*	*	
Metro Blue Line (MBL)						
On-Time Pullouts	99.09%	99.43%	99.00%	99.03%	99.71%	
Mean Miles Between Chargeable Mechanical Failures	4,221	4,897	10,000	5,734	5,926	
In-Service On-time Performance	98.00%	98.70%	98.00%	96.93%	97.28%	
Traffic Accidents Per 100,000 Train Miles	1.75	0.97	0.55	0.57	1.42	
Complaints per 100,000 Boardings	0.76	0.97	0.88	*	*	
Metro Green Line (MGrL)						
On-Time Pullouts	99.29%	99.62%	99.00%	98.32%	98.03%	
Mean Miles Between Chargeable Mechanical Failures	5,891	3,990	10,000	4,690	4,694	
In-Service On-time Performance	99.09%	99.16%	98.00%	98.19%	96.25%	
Traffic Accidents Per 100,000 Train Miles	0.07	0.00	0.55	0.16	0.00	
Complaints per 100,000 Boardings	1.15	1.22	0.88	*	*	

* Current boarding data for rail is under review and has not been released.

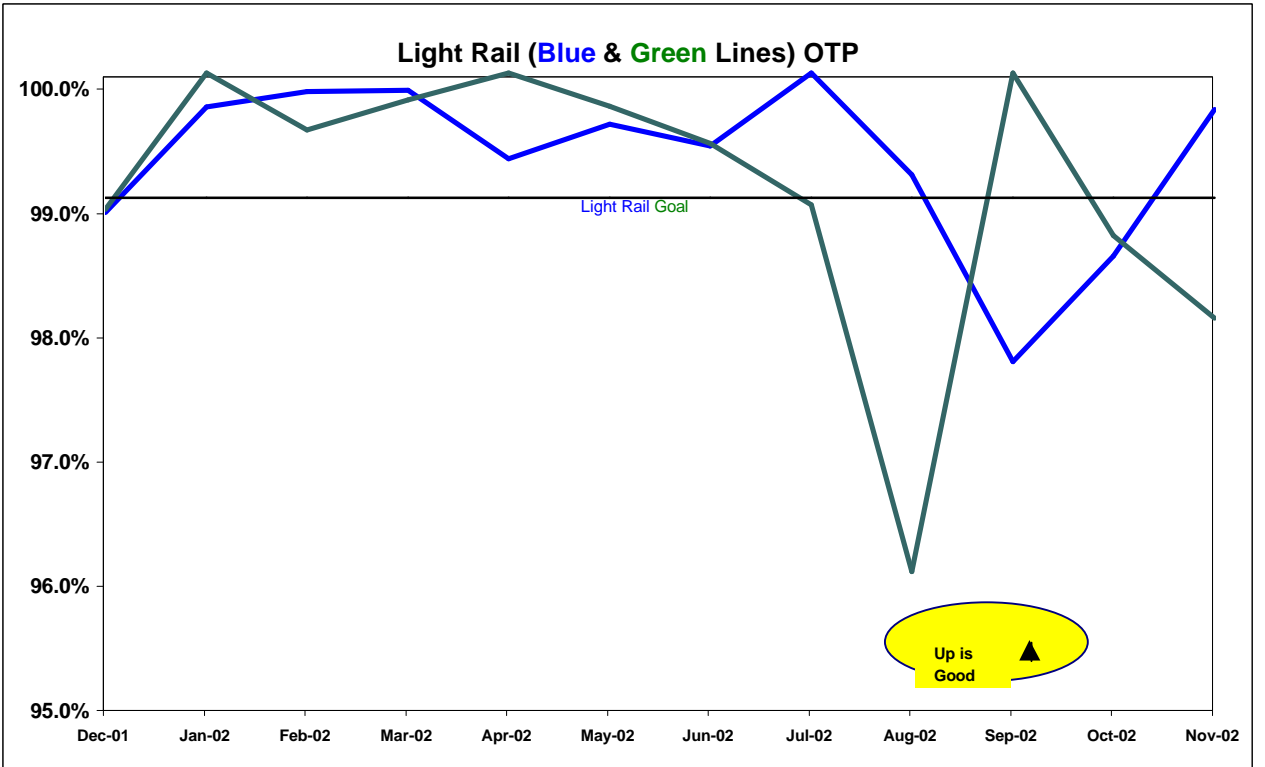
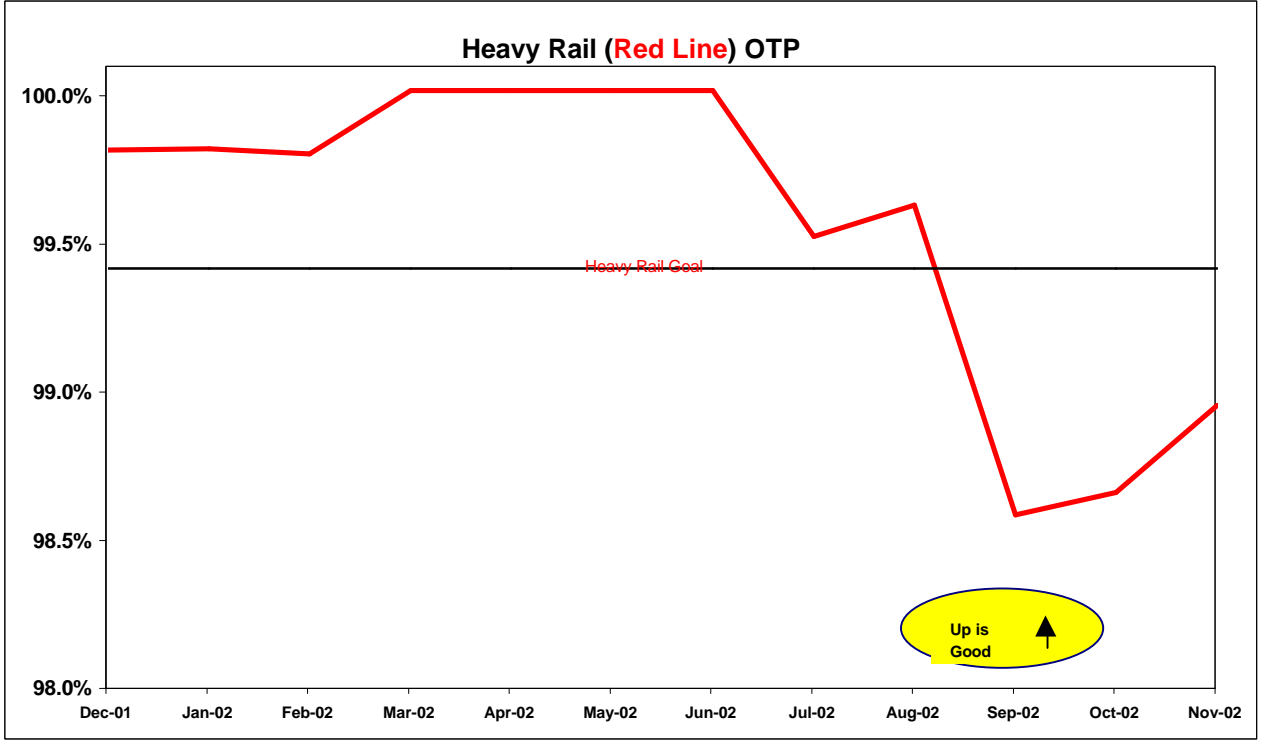
-  Green - High probability of achieving the FY03 target (on track).
-  Yellow - Uncertain if the FY03 target will be achieved -- slight problems, delays or management issues.
-  Red - High probability that the FY03 target will not be achieved -- significant problems and/or delays.

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.

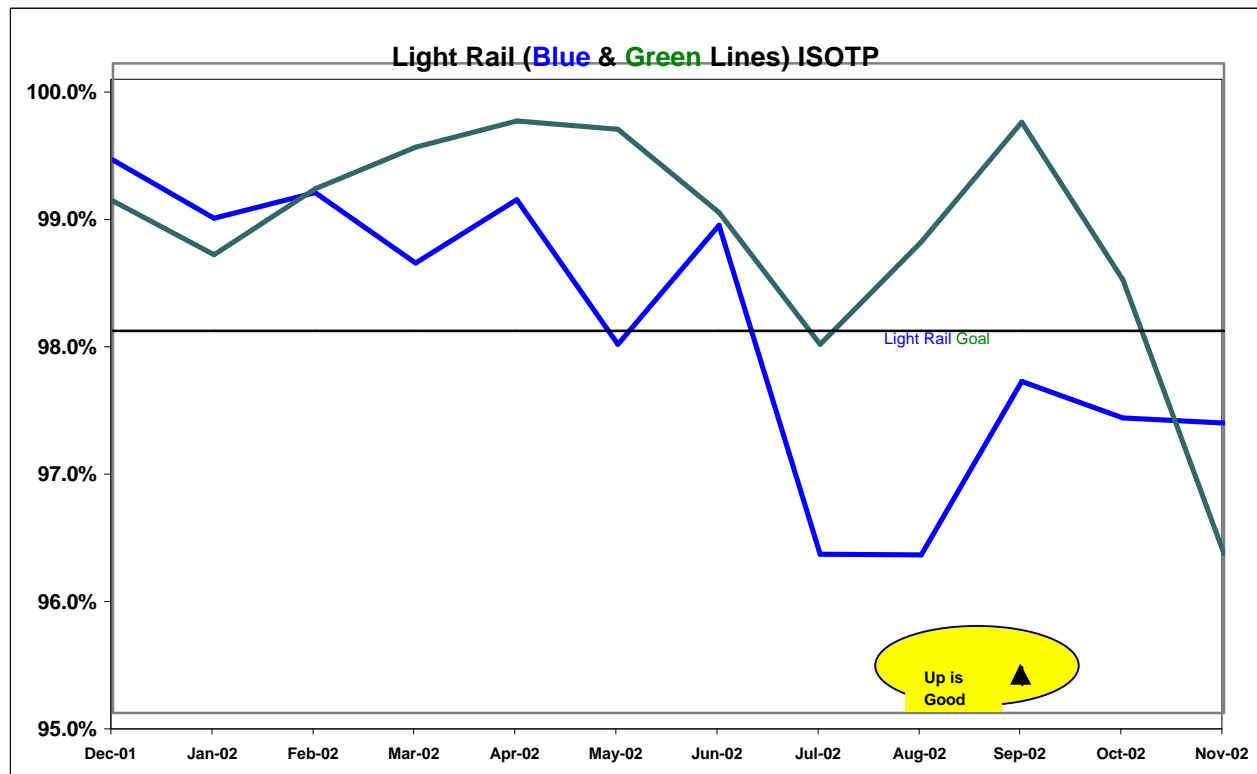
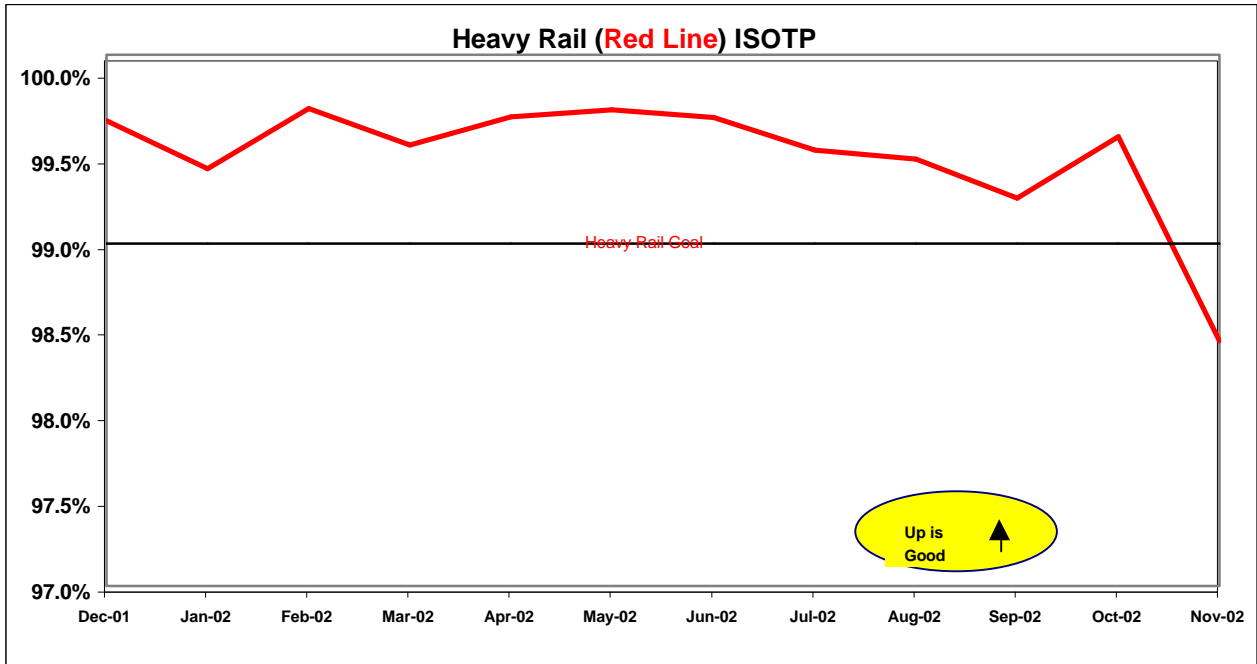
Calculation: $OTP\% = [(100\% - [(Total\ cancelled\ pullouts\ plus\ late\ pullouts) / by\ Total\ scheduled\ pullouts]) \times 100]$



IN-SERVICE ON-TIME PERFORMANCE

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

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

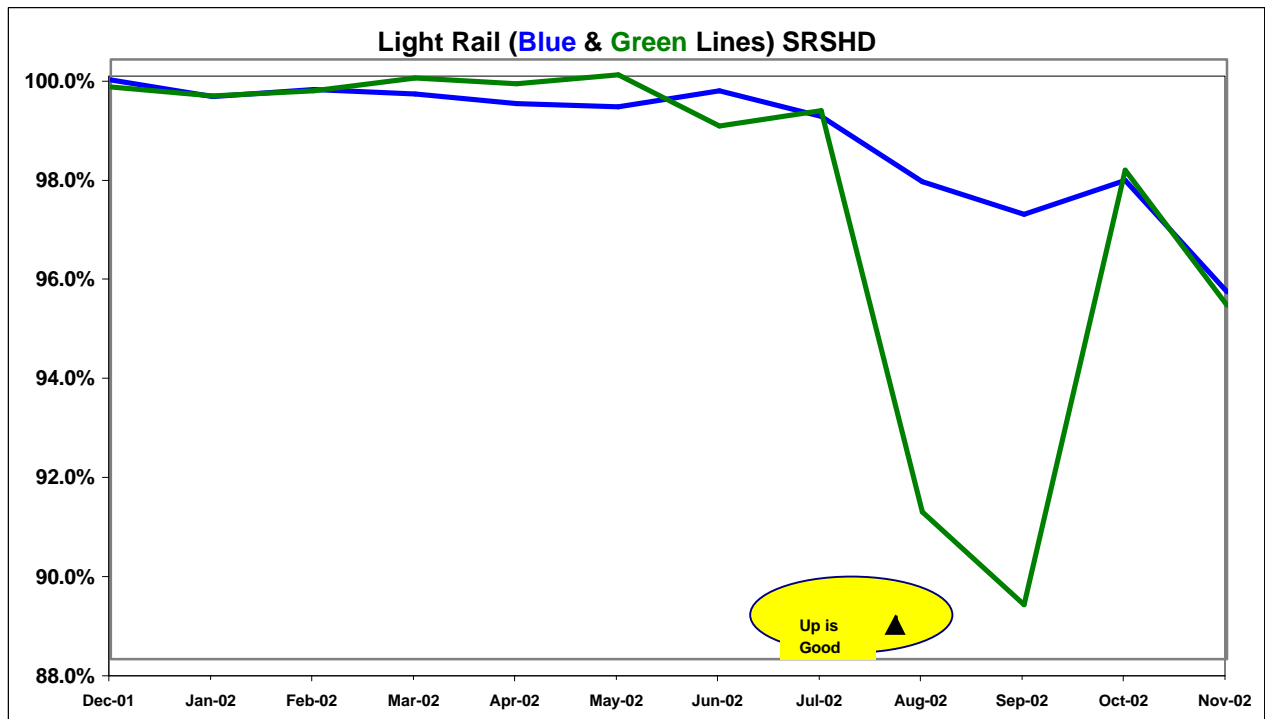
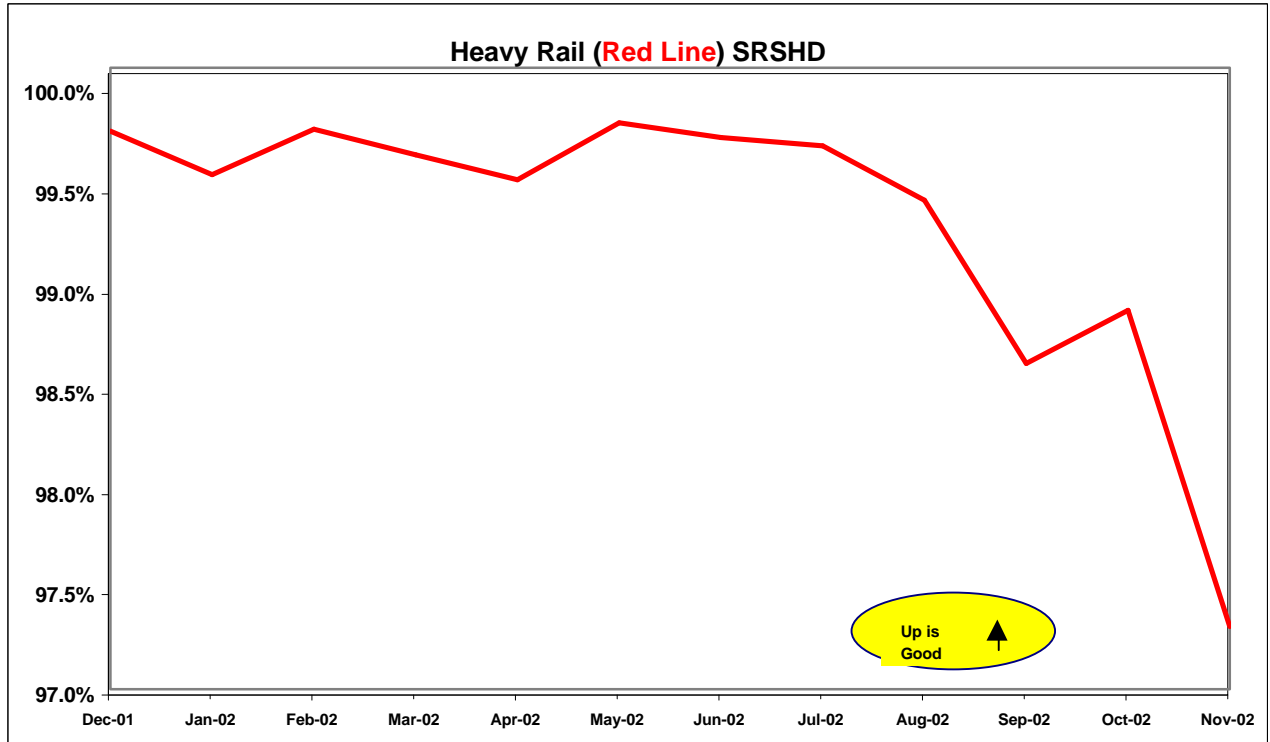


RAIL SERVICE PERFORMANCE - Continued

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



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



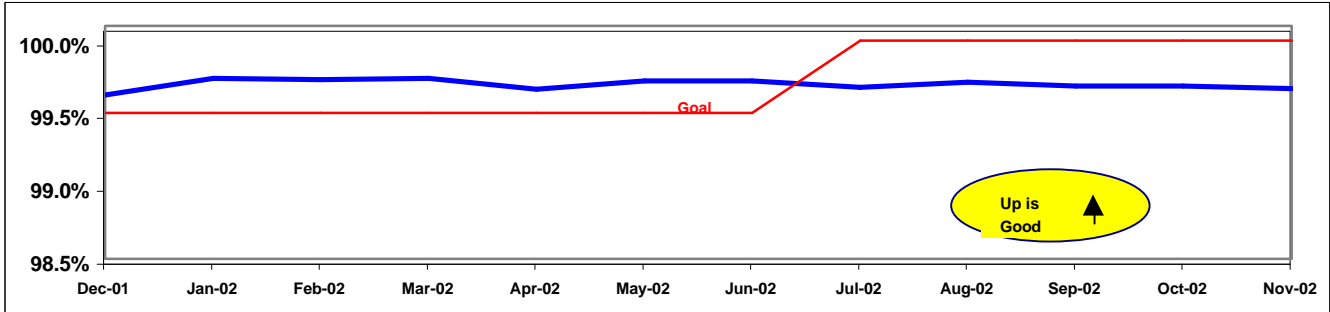
BUS SERVICE PERFORMANCE

ON-TIME PULLOUT PERCENTAGE

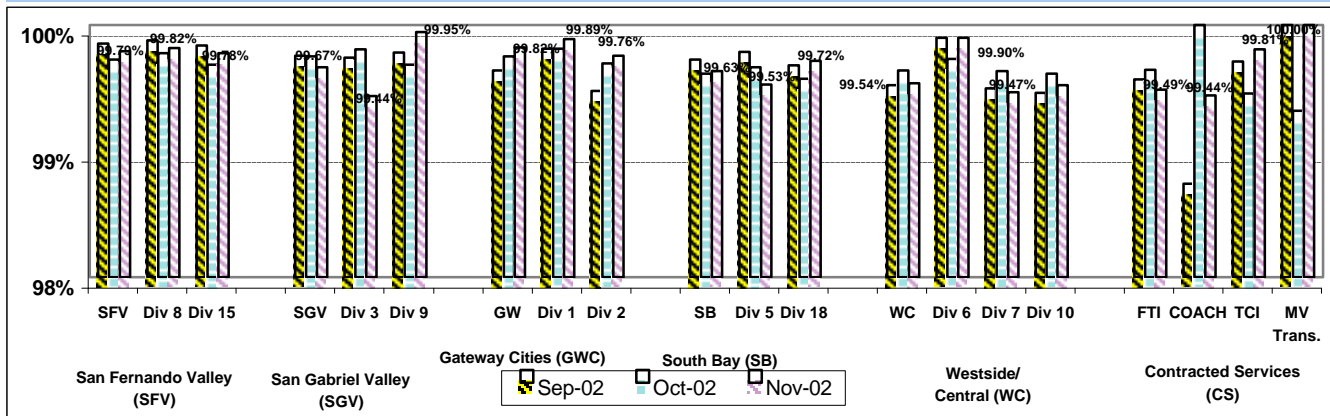
Definition: On-time Pullout Performance measures the percentage of buses leaving the operating division within one minute of the scheduled pullout time. The higher the number, the more reliable the service.

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

OTP - Systemwide Trend



OTP by Sector Bus Operating Divisions September - November 2002



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)										
8	4867	0	0.00%	9	0.18%	4.05%	99.82%	0	7	2
15	6692	0	0.00%	15	0.22%	6.76%	99.78%	0	11	4
San Gabriel Valley (SGV)										
3	6557	0	0.00%	37	0.56%	16.67%	99.44%	0	33	4
9	5464	0	0.00%	3	0.05%	1.35%	99.95%	0	3	0
Gateway Cities (GWC)										
1	5320	0	0.00%	6	0.11%	2.70%	99.89%	0	3	3
2	5345	0	0.00%	13	0.24%	5.86%	99.76%	0	10	3
South Bay (SB)										
5	6541	0	0.00%	31	0.47%	13.96%	99.53%	0	19	12
18	8484	1	0.01%	23	0.27%	10.81%	99.72%	0	18	6
Westside/Central (WC)										
6	1940	0	0.00%	2	0.10%	0.90%	99.90%	0	0	2
7	7674	0	0.00%	41	0.53%	18.47%	99.47%	3	28	10
10	8605	0	0.00%	41	0.48%	18.47%	99.52%	1	32	8
TOTAL	67489	1	0.00%	221	0.33%	100.00%	99.67%	4	164	54

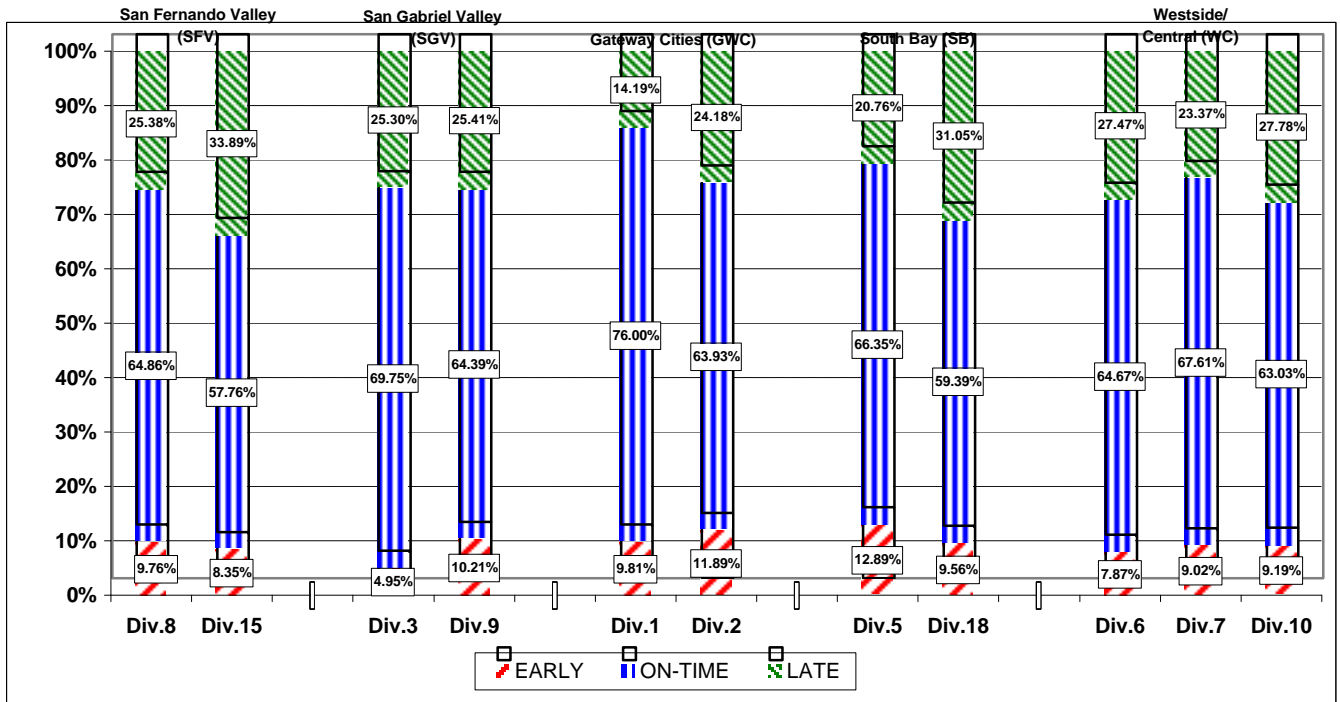
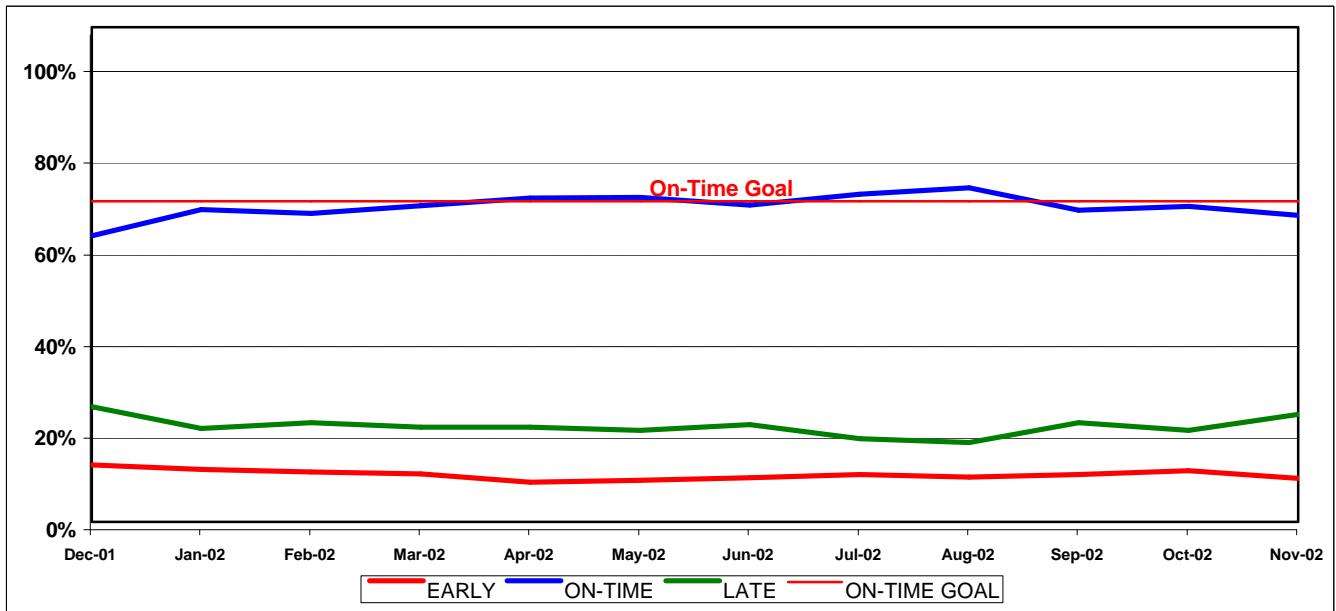
IN-SERVICE ON-TIME PERFORMANCE

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



BUS SERVICE PERFORMANCE - Continued

ISOTP By Sectors' Divisions

Year-to-Date Compared To Last Year

	FY02	FY03-YTD	Variance
San Fernando Valley Sector (SFV)			
Division 8			
Early	8.05%	6.58%	-1.47%
On-Time	67.88%	70.80%	2.92%
Late	24.06%	22.62%	-1.44%
Division 15			
Early	9.44%	7.61%	-1.83%
On-Time	62.51%	66.90%	4.39%
Late	28.05%	25.49%	-2.56%
Gateway Cities Sector (GWC)			
Division 1			
Early	11.69%	9.08%	-2.61%
On-Time	74.95%	77.88%	2.93%
Late	13.35%	13.04%	-0.31%
Division 2			
Early	15.63%	11.76%	-3.87%
On-Time	63.01%	66.12%	3.11%
Late	21.35%	22.12%	0.77%
South Bay Sector (SB)			
Division 5			
Early	12.52%	11.44%	-1.08%
On-Time	63.31%	68.59%	5.28%
Late	24.18%	19.97%	-4.21%
Division 18			
Early	12.27%	11.52%	-0.75%
On-Time	60.19%	61.28%	1.09%
Late	27.55%	27.19%	-0.36%

	FY02	FY03-YTD	Variance
San Gabriel Valley Sector (SGV)			
Division 3			
Early	10.02%	3.93%	-6.09%
On-Time	68.70%	70.70%	2.00%
Late	21.28%	22.38%	1.10%
Division 9			
Early	12.63%	9.95%	-2.68%
On-Time	64.56%	69.02%	4.46%
Late	22.81%	21.03%	-1.78%
Westside/Central Sector (WC)			
Division 6			
Early	15.45%	10.92%	-4.53%
On-Time	64.64%	68.84%	4.20%
Late	19.91%	20.24%	0.33%
Division 7			
Early	12.46%	11.43%	-1.03%
On-Time	67.96%	67.71%	-0.25%
Late	19.58%	20.86%	1.28%
Division 10			
Early	14.48%	11.83%	-2.65%
On-Time	63.56%	64.89%	1.33%
Late	21.96%	23.28%	1.32%

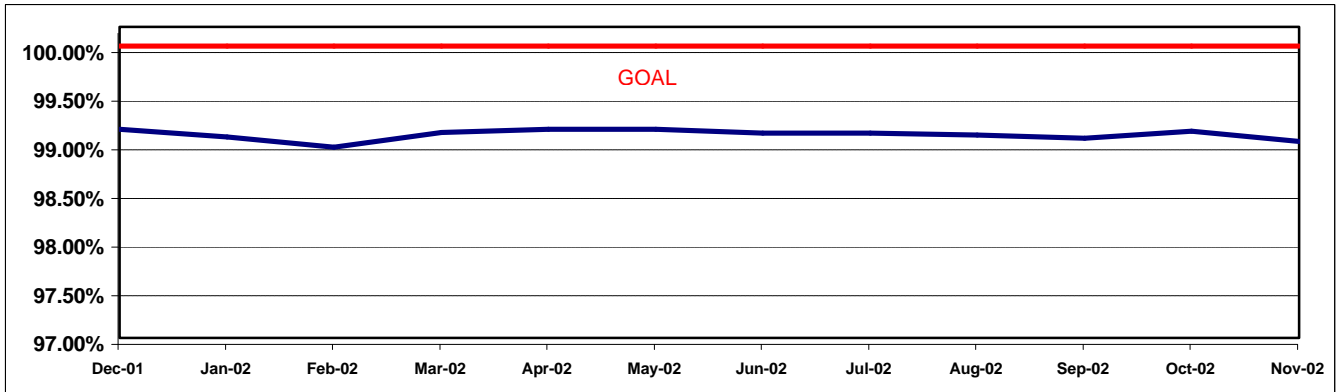
SYSTEMWIDE			
Early	12.45%	10.31%	-2.14%
On-Time	66.42%	69.33%	2.91%
Late	21.14%	20.37%	-0.77%

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	FY02	FY03-YTD	Variance
San Fernando Valley Sector (SFV)			
Division 8	99.22%	99.21%	-0.01%
Division 15	98.59%	99.04%	0.44%

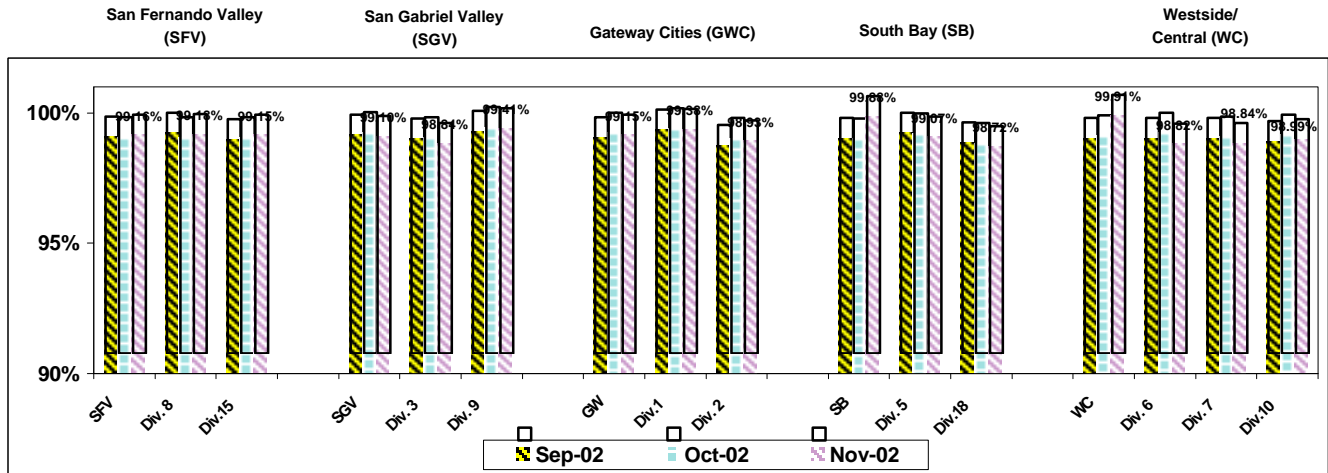
SRSHD	FY02	FY03-YTD	Variance
San Gabriel Valley Sector (SGV)			
Division 3	98.95%	99.01%	0.06%
Division 9	99.14%	99.44%	0.30%

Gateway Cities Sector (GWC)			
Division 1	99.27%	99.40%	0.13%
Division 2	98.80%	98.92%	0.12%

Westside/Central Sector (WC)			
Division 6	99.11%	98.97%	-0.14%
Division 7	99.12%	99.06%	-0.06%
Division 10	99.17%	99.05%	-0.11%

South Bay Sector (SB)			
Division 5	99.08%	99.20%	0.12%
Division 18	98.89%	98.83%	-0.07%

Systemwide	99.01%	99.09%	0.08%
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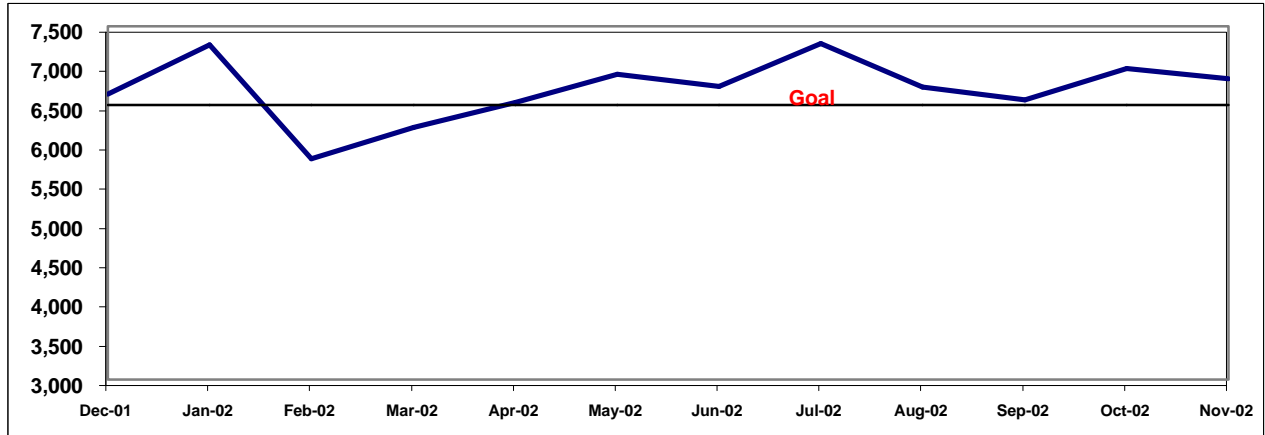
MAINTENANCE PERFORMANCE

MEAN MILES BETWEEN CHARGEABLE MECHANICAL FAILURES

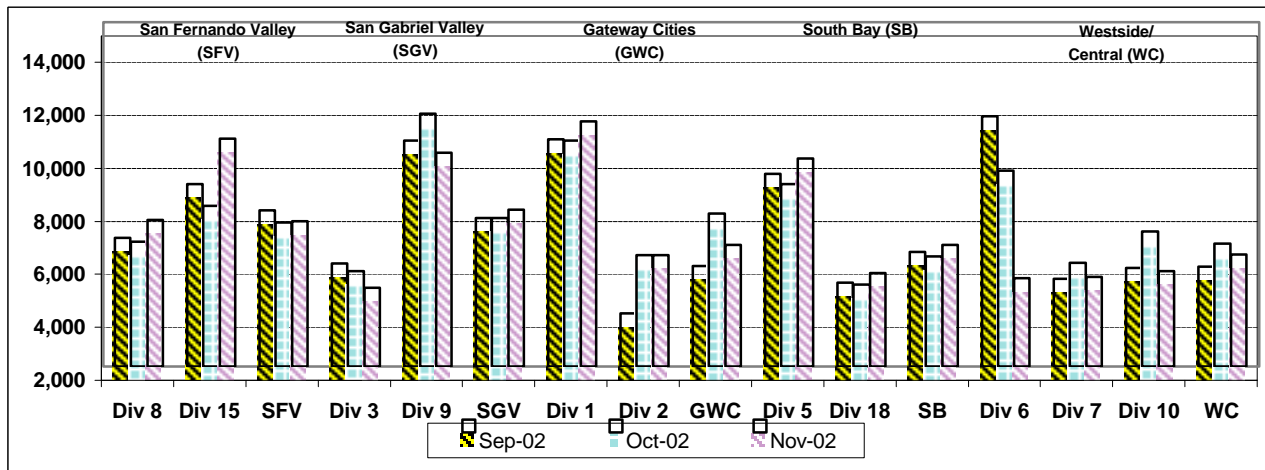
Definition: Average Hub Miles traveled between chargeable mechanical problems that result in a service disruption of greater than ten minutes.

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

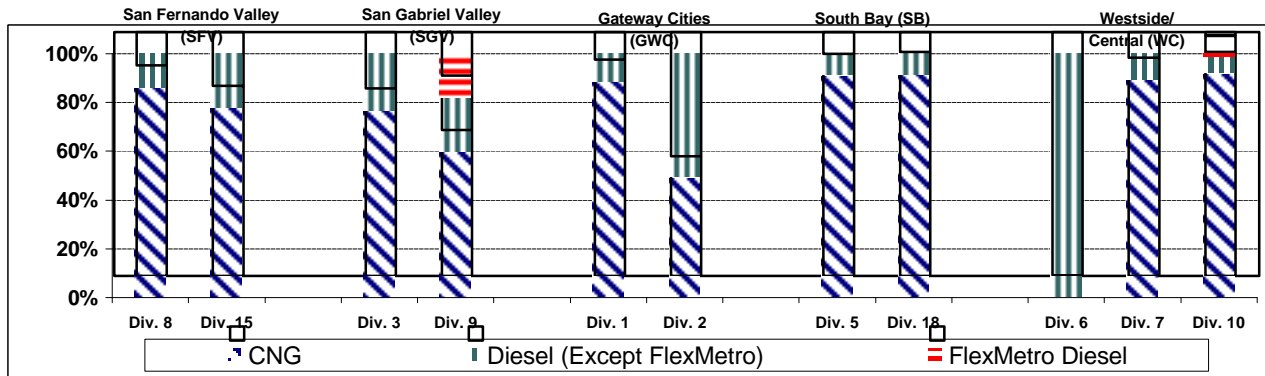
Systemwide Trend



Bus Operating Sector Divisions September - November 2002



Fleet Mix by Fuel Type



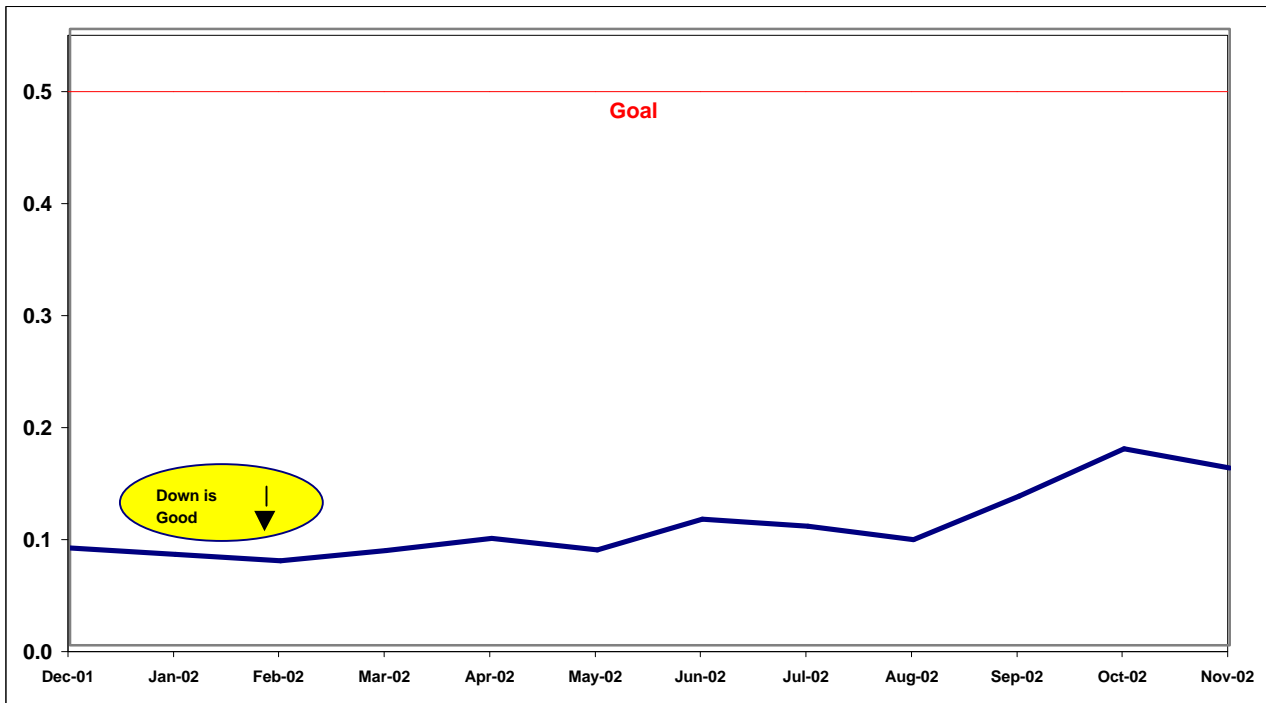
MAINTENANCE PERFORMANCE - Continued

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

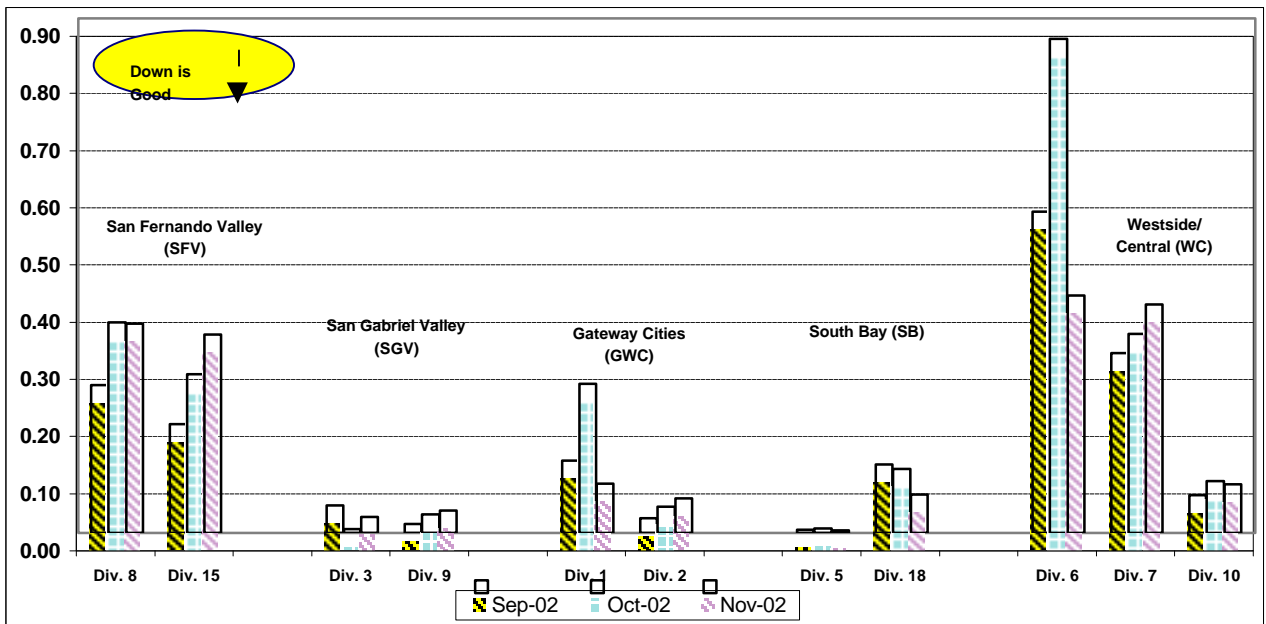
Definition: Average past due critical scheduled preventive maintenance jobs per bus. This indicator measures maintenance management's ability to prioritize and perform critical repairs and indicates the general maintenance condition of the fleet.

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

Systemwide Trend



**Past Due Critical PMPs - by Sectors' Divisions
September - November 2002**



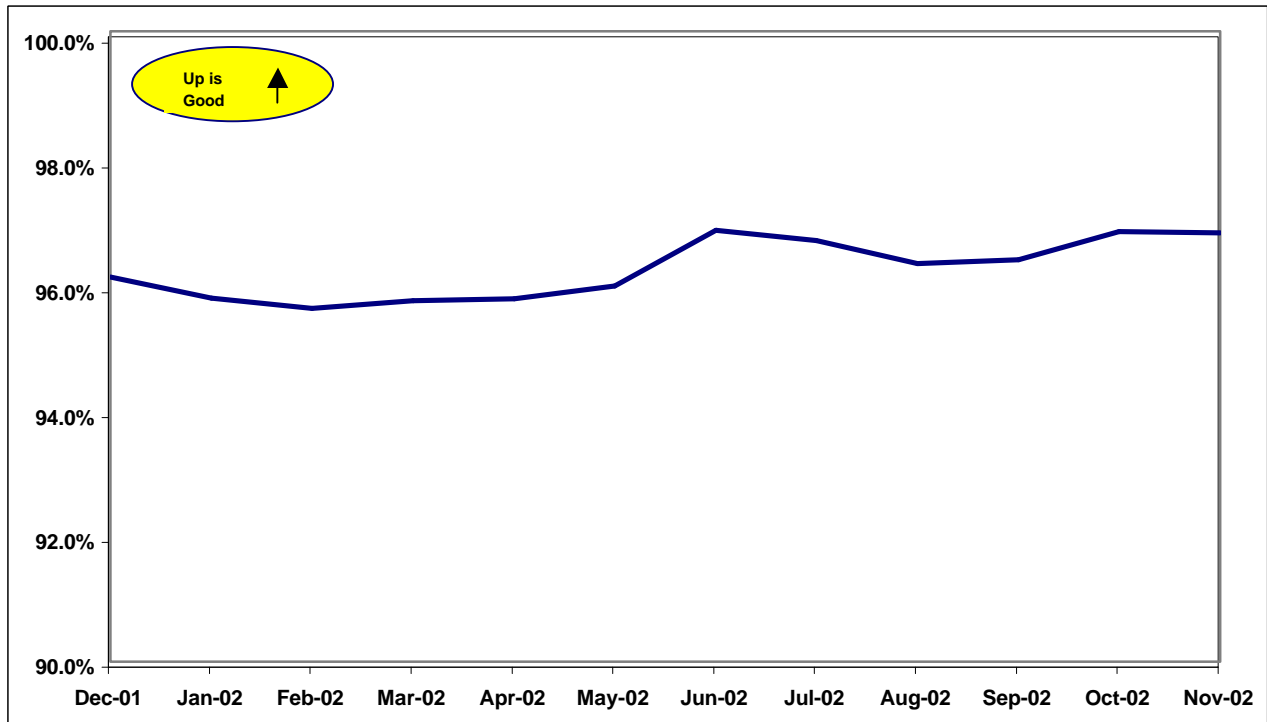
ATTENDANCE

MAINTENANCE ATTENDANCE

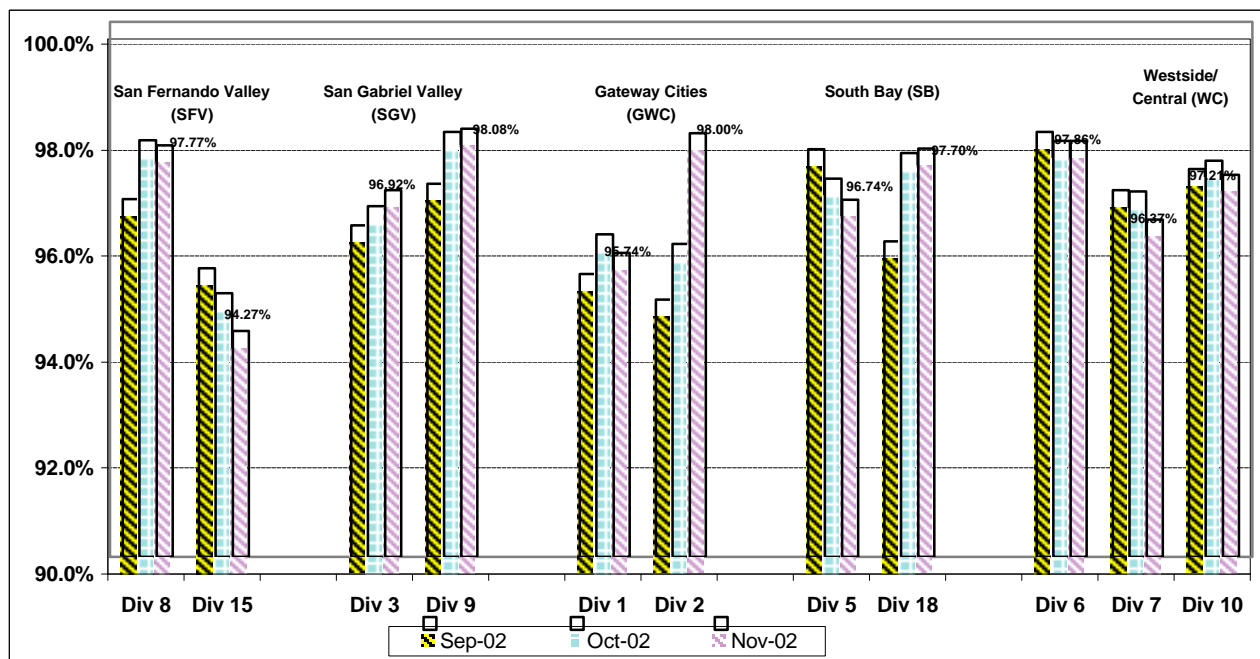
Definition: Maintenance Mechanics and Service Attendants - % attendance Monday through Friday for the month.

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

Systemwide Trend



Maintenance Attendance - By Sectors' Divisions (By Current Month) September - November 2002



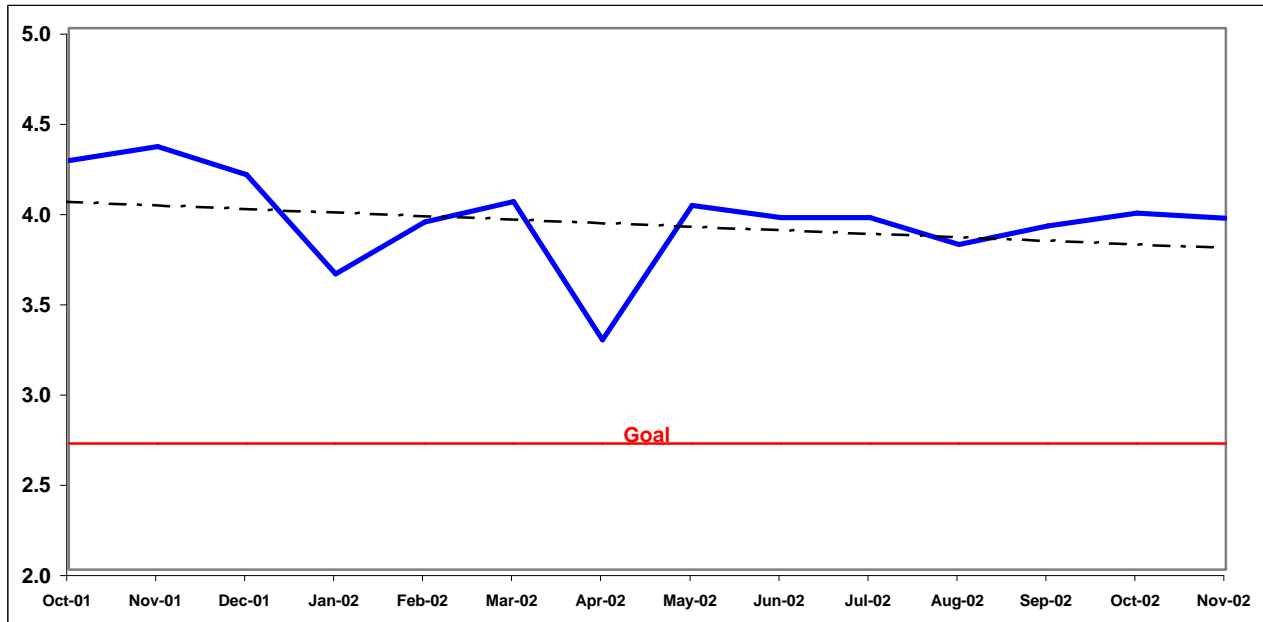
SAFETY PERFORMANCE

BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES

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

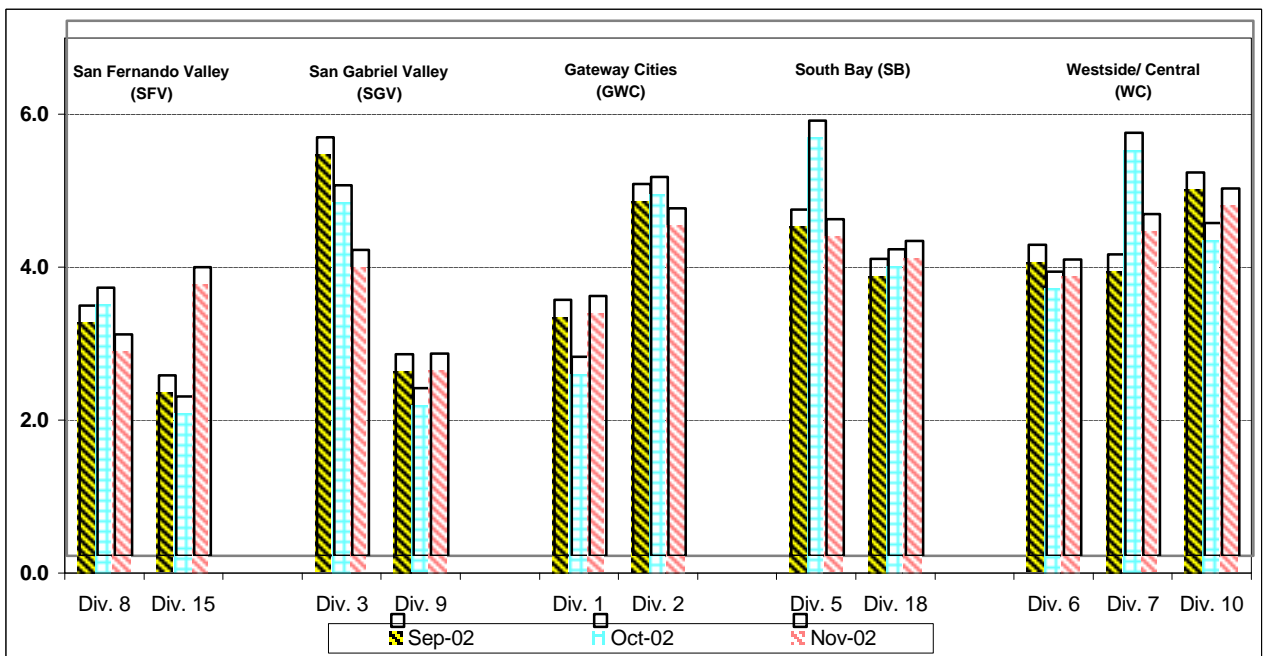
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))

Systemwide Trend



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

Bus Operating Divisions - by Sectors' Divisions September - November 2002

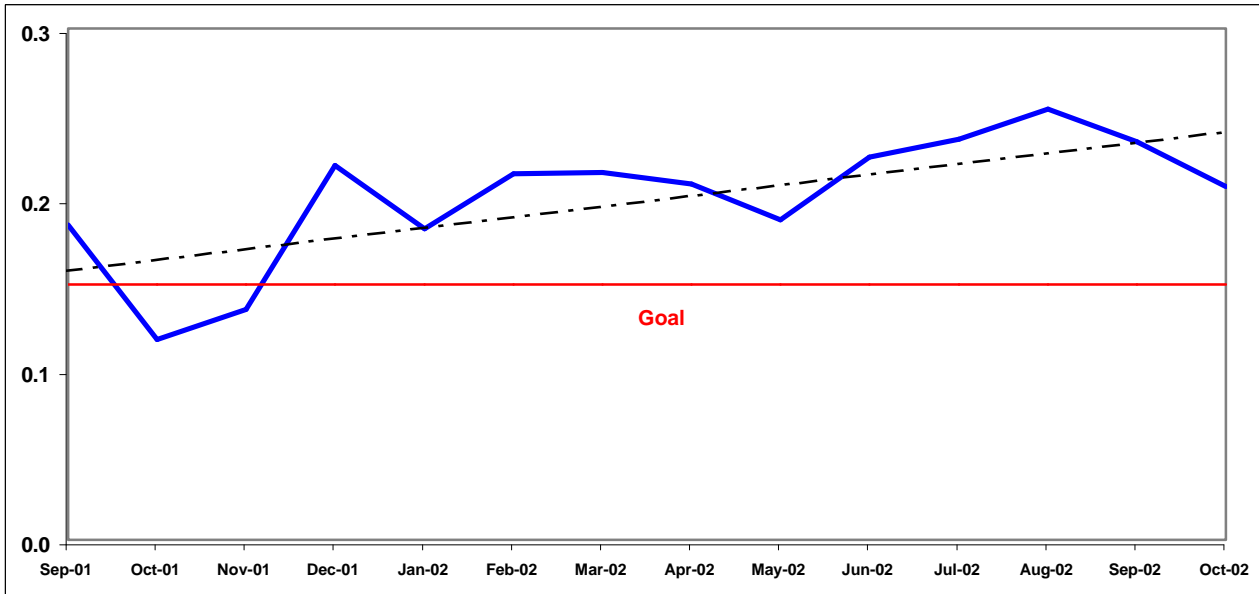


BUS PASSENGER ACCIDENTS PER 100,000 BOARDINGS

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

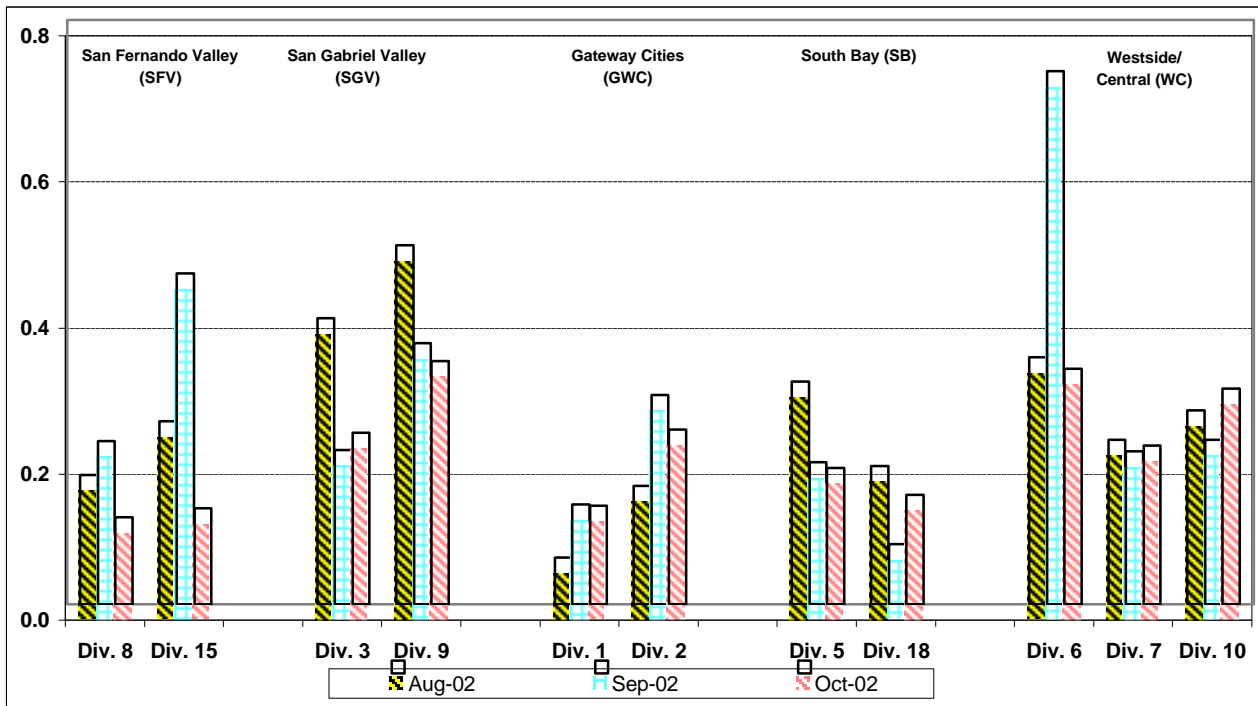
Calculation: Passenger Accidents Per 100,000 Boardings = (The number of Pasengers Accidents / by (Boardings / by 100,000))

Systemwide Trend



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

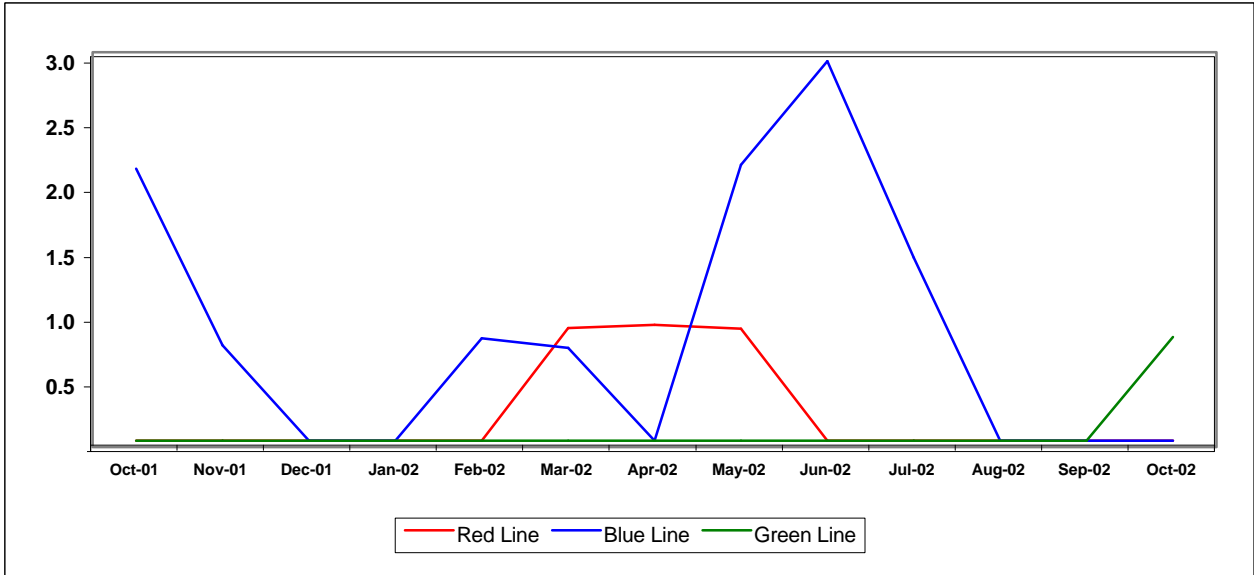
Bus Operating Divisions - by Sectors' Divisions September - November 2002



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.

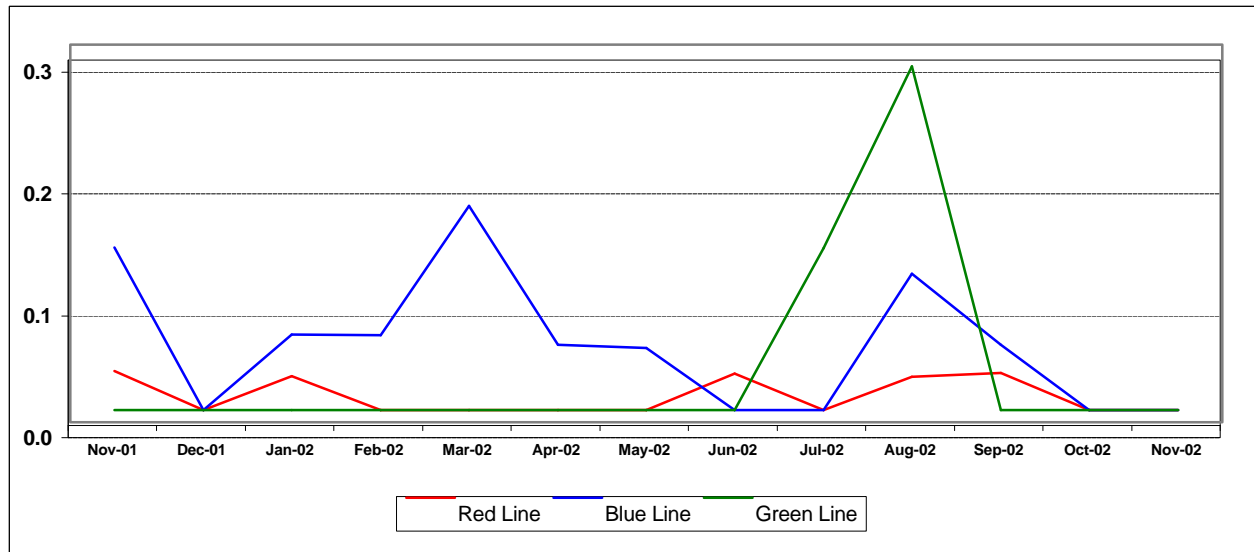
Calculation: Rail Accidents Per 100,000 Revenue Train Miles = (The number of Rail Accidents / by (Revenue Train Miles / by 100,000))



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))



* November boarding data for rail is under review and has not been released.

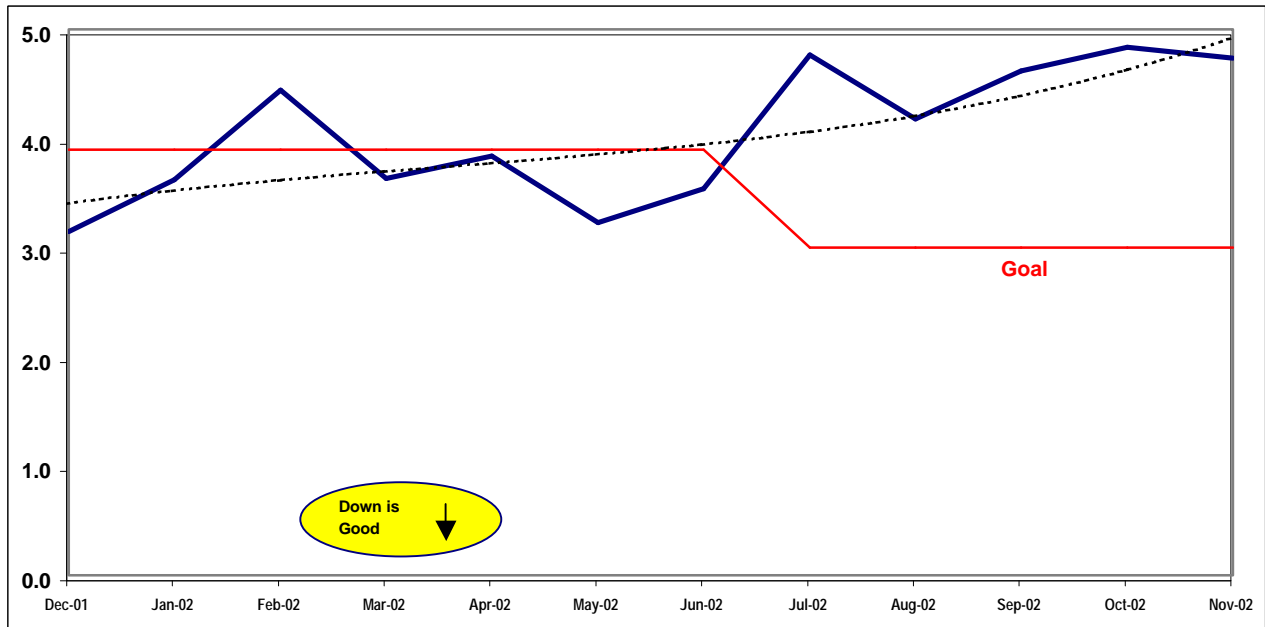
CUSTOMER SATISFACTION

COMPLAINTS PER 100,000 BOARDINGS

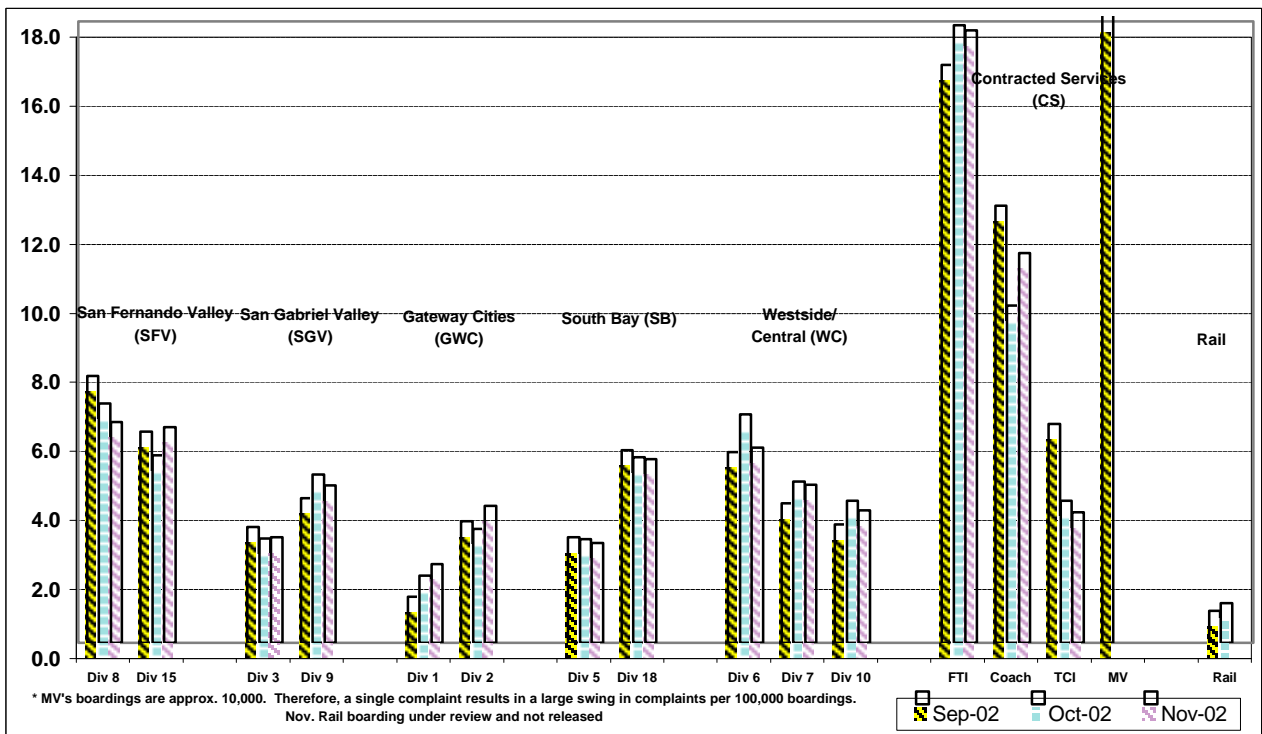
Definition: Average number of customer complaints per 100,000 boardings. This indicator measures service quality and customer satisfaction.

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

Systemwide Trend



Bus Operating Divisions - by Sectors' Divisions September - November 2002



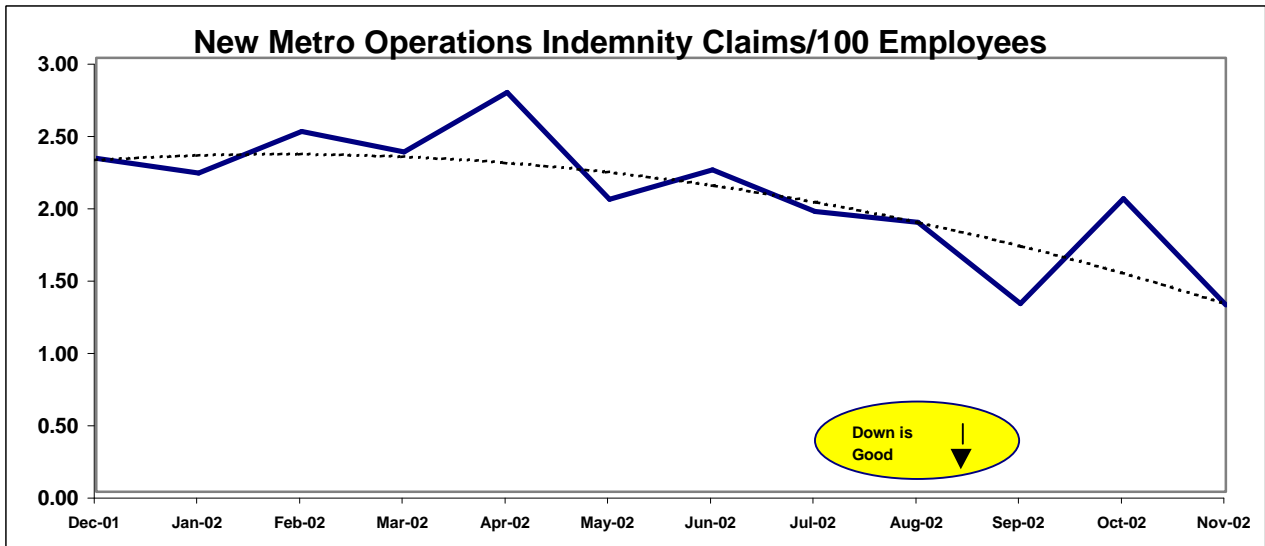
WORKERS COMPENSATION CLAIMS

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 Employees-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

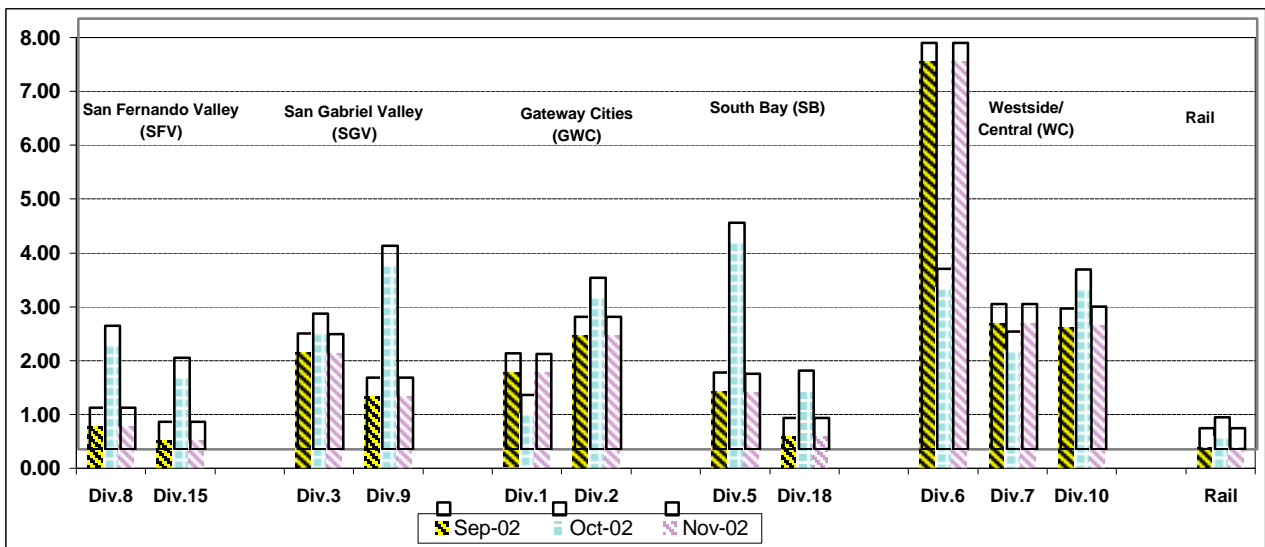


NEW CLAIMS PER 100 EMPLOYEES BY BUS SECTORS' DIVISION & RAIL

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

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

Bus & Rail - by Bus Sectors' Divisions and Rail September - November 2002



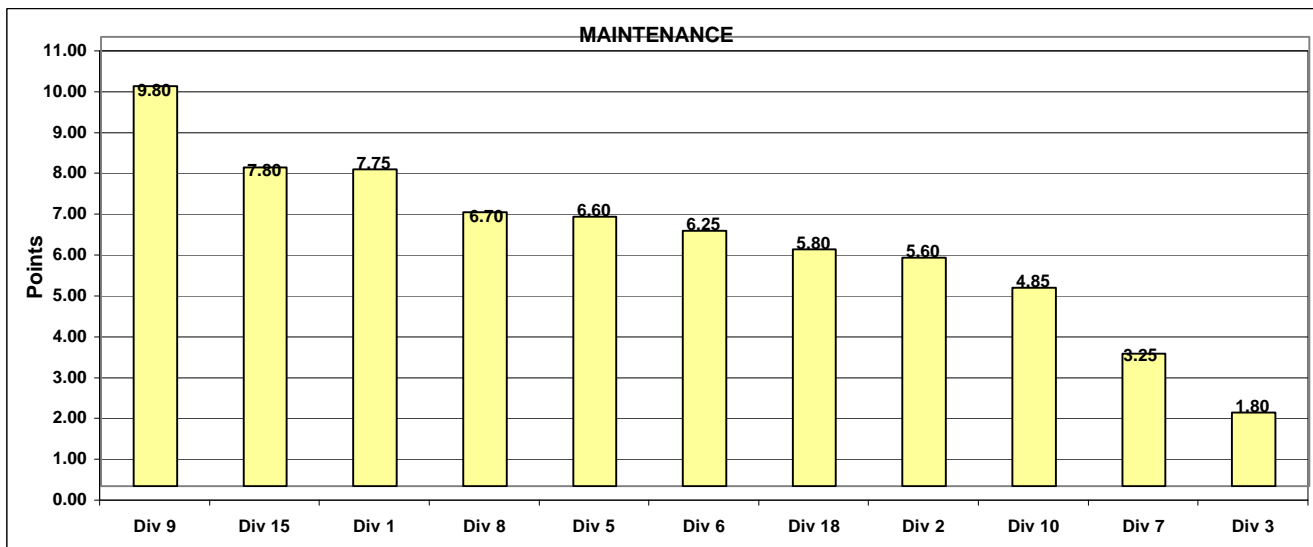
"HOW YOU DOIN'?" PERFORMANCE INCENTIVE PROGRAM

Monthly Calculations - November, 2002 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%	0.9989	0.9976	0.9944	0.9953	0.9990	0.9947	0.9982	0.9995	0.9952	0.9978	0.9972
Points		9	6	1	4	10	2	8	11	3	7	5
Miles Between Mechanical Failures	30%	11264	6215	4962	9850	5341	5394	7534	10071	5591	10594	5536
Points		11	6	1	8	2	3	7	9	5	10	4
Attendance	15%	0.9574	0.9800	0.9692	0.9674	0.9786	0.9637	0.9777	0.9808	0.9721	0.9427	0.9770
Points		2	10	5	4	9	3	8	11	6	1	7
New WC Claims /100 Emp	20%	1.9417	4.7619	3.2520	0.0000	2.8571	1.5038	3.0000	0.9091	1.4184	0.0000	0.6494
Points		5	1	2	11	4	6	3	8	7	11	9
Totals		7.75	5.60	1.80	6.60	6.25	3.25	6.70	9.80	4.85	7.80	5.80
FINAL RANKING Maintenance Division Ranking (Sorted)												
FINAL RANKING	DIV.	Div 9	Div 15	Div 1	Div 8	Div 5	Div 6	Div 18	Div 2	Div 10	Div 7	Div 3
	Score	9.80	7.80	7.75	6.70	6.60	6.25	5.80	5.60	4.85	3.25	1.80
	Rank	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	9th	11th

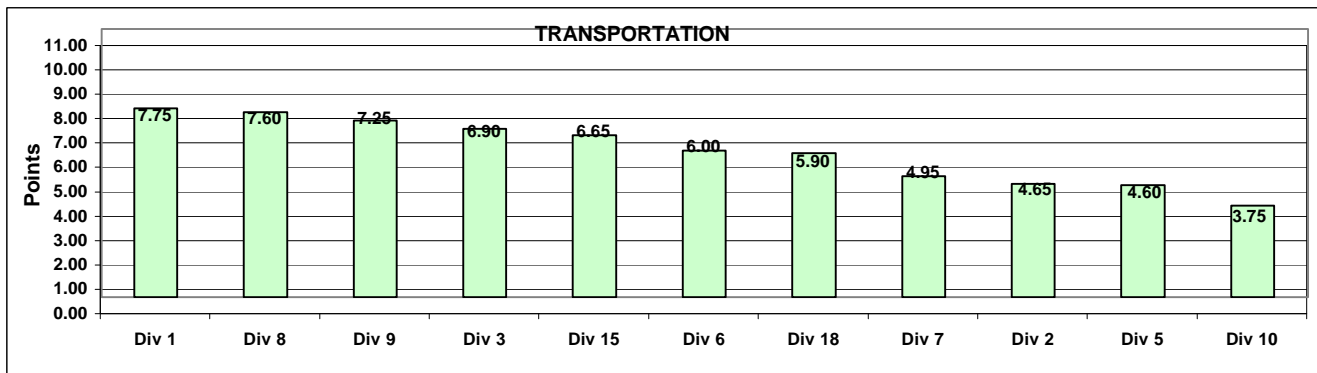


**Monthly Calculations - November 2002
Metro Bus - Transportation**

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%	0.99887	0.99757	0.99436	0.99526	0.99897	0.99466	0.99815	0.99945	0.99524	0.99776	0.99717
Points		9	6	1	4	10	2	8	11	3	7	5
In-Service On-Time Performance	15%	0.7600	0.6393	0.6975	0.6635	0.6467	0.6761	0.6486	0.6439	0.6303	0.5776	0.5939
Points		11	4	10	8	6	9	7	5	3	1	2
Running Hot	20%	0.0981	0.1189	0.0495	0.1289	0.0787	0.0902	0.0976	0.1021	0.0919	0.0835	0.0956
Points		4	2	11	1	10	8	5	3	7	9	6
Accident Rate	15%	3.4001	4.5429	4.0028	4.4082	3.8735	4.4716	2.8986	2.6480	4.8066	3.7757	4.1183
Points		9	2	6	4	7	3	10	11	1	8	5
Complaints/100K Boardings	10%	2.2777	3.9583	3.0653	2.8958	5.6489	4.5733	6.4029	4.5621	3.8389	6.2481	5.3235
Points		11	7	9	10	3	5	1	6	8	2	4
New WC Claims /100 Emp	25%	1.7100	1.6555	1.7867	1.8510	9.5012	3.0425	0.0000	1.4720	3.0521	0.6677	0.5590
Points		6	7	5	4	1	3	11	8	2	9	10
Totals		7.75	4.65	6.90	4.60	6.00	4.95	7.60	7.25	3.75	6.65	5.90
FINAL RANKING												
	DIV.	Div 1	Div 8	Div 9	Div 3	Div 15	Div 6	Div 18	Div 7	Div 2	Div 5	Div 10
	Score	7.75	7.60	7.25	6.90	6.65	6.00	5.90	4.95	4.65	4.60	3.75
	Rank	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th



**Monthly Calculations - November 2002
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		
	Nov-01	Nov-02	Yearly Improvement	Nov-01	Nov-02	Yearly Improvement	Nov-01	Nov-02	Yearly Improvement
Wayside Availability									
Track	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%
Signals	99.99%	100.00%	0.01%	99.95%	100.00%	0.05%	100.00%	99.54%	-0.46%
Power	100.00%	99.71%	-0.29%	99.94%	99.09%	-0.85%	99.95%	99.59%	-0.36%
Wayside Performance	99.997%	99.9%	-0.09%	99.96%	99.70%	-0.27%	100.0%	99.71%	-0.27%
Vehicle Availability									
Vehicle Performance	99.78%	98.15%	-1.63%	99.86%	98.85%	-1.01%	99.51%	96.39%	-3.12%
Operator Availability									
Operators	99.98%	99.81%	-0.17%	100.00%	99.84%	-0.16%	99.99%	99.71%	-0.28%
In-Service Performance									
ISOTP - Rail	99.75%	97.67%	-2.08%	99.61%	97.78%	-1.83%	99.44%	95.23%	-4.21%
Total Rail Line	99.877%	98.883%	-0.993%	99.858%	99.042%	-0.817%	99.731%	97.760%	-1.971%

Metro Rail Final Ranking (Sorted)			
Rail Line	RED	BLUE	GREEN
Score	-0.817%	-0.993%	-1.971%
Rank	1st	2nd	3rd

