# NOV 2007

# METRO OPERATIONS MONTHLY PERFORMANCE REPORT



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

This sector has two Metro operating divisions, Division 8 in Chatsworth and Division 15 in Sun Valley. The sector is responsible for the operation of approximately 490 Metro buses and 24 Metro Bus lines carrying nearly 64.9 million boarding passengers each year. They operate the successful Orange Line.

This report gives a brief overview of sector operations':

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

						FY08	FY08	Nov.	
Measurement	FY03	FY04	FY05	FY06	FY07	Target	YTD	Month	Status
	1 100		1 100	1 100	1 .0.				Otatao
Bus Systemwide  Mean Miles Between Mechanical Failures									
Requiring Bus Exchange. (MMBMF)				3.274	3,532	2 500	3,130	3,221	
No. of unaddressed road calls				3,274	1,116*	3,500	371	23	
In-Service On-time Performance**	69.23%	65.43%	66 50%	64.35%**	63.77%	65.30%	63.85%	62.80%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles	00.2070	00.4070	00.0070	04.0070	00.1170				Ť
						3.50	3.44	3.43	
Complaints per 100,000 Boardings	4.23	4.51	3.54	2.41	2.46	2.75	2.77	2.68	$\Diamond$
New Workers' Compensation							Oct YTD	Oct.	
IndemnityClaims per 200,000 Exposure Hours (1 month lag)	17.80	17.64	13.61	12.27	11.11	12.13	11.34	11.56	
**Div 15 Nov. '05 data excluded & Dec. Data after shake-up									
SFV Sector  MMBMF					0.040		0.040	0.000	
No. of unaddressed road calls				3,319	3,619 432*	3,500	2,943 132	3,086 1	$\Diamond$
In-Service On-time Performance	67.30%	67.47%	68.54%	65.19%**	65.60%	67.50%	66.50%	65.35%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles	01.10070	0111170	00.0170	0011070	00.0070				Ť
						2.90	2.59	2.77	
Complaints per 100,000 Boardings	6.32	5.45	4.39	3.24	3.00	3.00	3.28	2.69	$\Diamond$
New Workers' Compensation Indemnity							Oct YTD	Oct.	
Claims per 200,000 Exposure Hours (1	16.72	15.15	13.71	11.75	13.74	12.00	13.14	13.09	$\Diamond$
month lag)  **Div 15 Nov. '05 data excluded & Dec. Data after shake-up									
Division 8									
MMBCMF				0.000	3,912	2.500	2,949	3,200	$\Diamond$
No. of unaddressed road calls				3,836	258*	3,500	95	0	. •
In-Service On-time Performance	70.09%	69.12%	69.78%	68.23%	67.48%	68.00%	67.27%	66.59%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						2.80	1.88	2.40	
Complaints per 100,000 Boardings	6.87	5.09	4.17	3.37	2.75	2.80	2.71	2.35	
New Workers' Compensation Indemnity							O ()/TD	0.1	
Claims per 200,000 Exposure Hours (1	20.92	19.15	16.77	13.81	16.14	13.00	Oct YTD 14.32	Oct. 15.00	$\Diamond$
month lag)							14.32	13.00	
Division 15									
MMBCMF				2,996	3,420	3,500	2,939	3,006	$\Diamond$
No. of unaddressed road calls				2,990	174*	3,300	37	1	<u> </u>
In-Service On-time Performance	66.13%	66.62%	67.84%	63.84%**	64.41%	67.00%	66.03%	64.55%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						3.00	3.12	3.05	$\Diamond$
Complaints per 100,000 Boardings	6.01	5.70	4.55	3.14	3.16	3.20	3.69	2.94	$\Diamond$
New Workers' Compensation Indemnity							Oct YTD	Oct.	
Claims per 200,000 Exposure Hours (1	16.23	13.14	12.46	10.41	12.44	11.00	13.26	12.76	$\Diamond$
month lag)									

<sup>\*</sup>Jan-June '07 \*\* Div 15 excluded (Nov. '05 data excluded --No schedules loaded for Orange Line Oct.31 shake-up & Dec. Data after shake-up used.)

NOTE: As of Aug. '07, Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

Green - High probability of achieving the FY06 target (on track).

<sup>✓</sup>Yellow - Uncertain if the FY06 target will be achieved -- slight problems, delays or management issues.

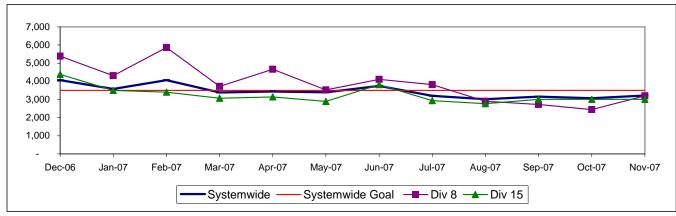
Red - High probability that the FY06 target will not be achieved -- significant problems and/or delays.

#### SAN FERNANDO VALLEY SECTOR BUS SERVICE PERFORMANCE

# MEAN MILES BETWEEN MECHANICAL FAILURES REQUIRING BUS EXCHANGE Systemwide and Divisions 8 and 15

**Definition:** Average Hub Miles traveled between mechanical problems that result in a bus exchange.

**Calculation:** MMBMF = (Total Hub Miles / by Mechanical Related Roadcalls Requiring a Bus Exchange)

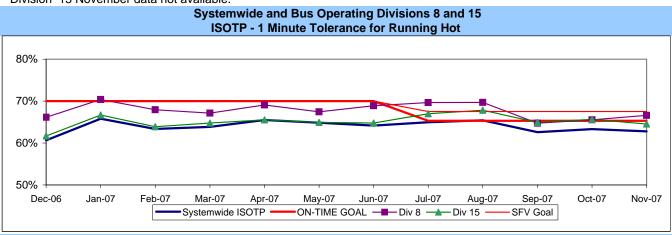


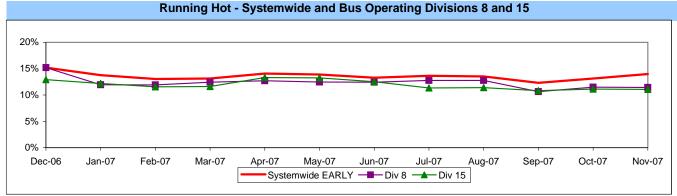
#### **IN-SERVICE ON-TIME PERFORMANCE\***

**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. (Excludes Rapid buses.)

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

\* Division 15 November data not available.

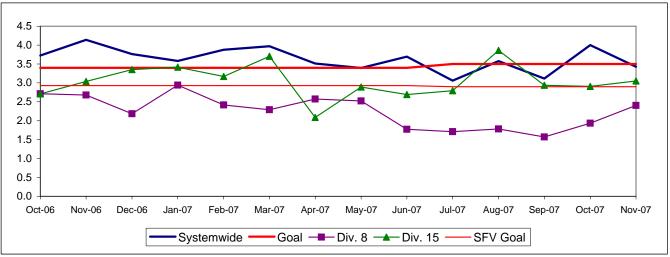




# BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES Systemwide and Bus Operating Divisions 8 and 15

**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))

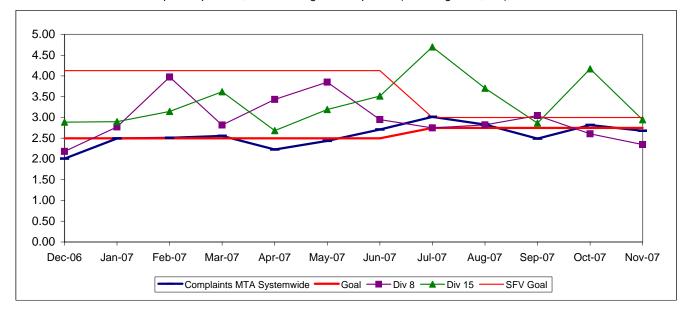


NOTE: Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

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

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

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

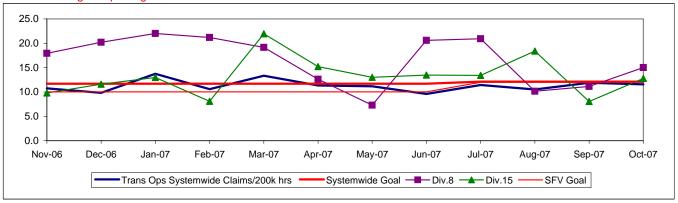


# NEW WORKERS' COMPENSATION INDEMNITY CLAIMS FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 8 and 15

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

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

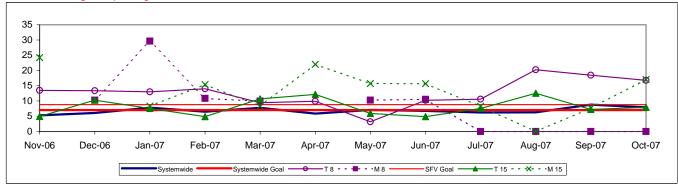
#### One month lag in reporting.



### OSHA INJURIES FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 8 and 15

**Definition:** Work-related injuries and illnesses that result in: death, loss of consciousness, days away from work, restricted work activity or job transfer, or medical treatment beyond first aid which are filed per 200,000 exposure hours.

**Calculation:** New OSHA Injuries filed per 200,000 Exposure Hours = New Injuries /(Exposure Hours/200,000) One month lag in reporting.

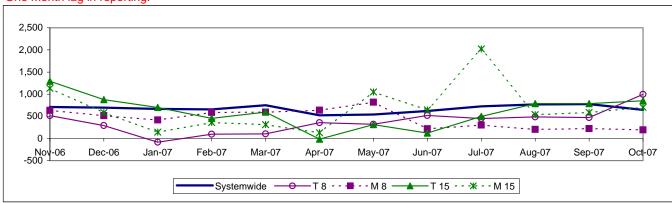


### NUMBER OF LOST WORK DAYS PAID PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 8 and 15

**Definition:** Number of paid working days lost due to employees workers' compensation injuries each month per 200,000 exposure hours. This indicator measures use of Transitional Duty Program.

**Calculation:** : (Total Temporary Disability Benefit Payments / Estimated TD Benefit Rate) x (5/7) / (Number of Exposure Hours / 200,000)

#### One month lag in reporting.



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

This sector has two Metro operating divisions, Division 3 Cypress Park and Division 9 in El Monte. The sector is responsible for the operation of approximately 485 Metro buses and 28 Metro Bus lines carrying over 71.6 million boarding passengers each year.

This report gives a brief overview of sector operations':

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

						FY08	FY08	Nov.	
Measurement	FY03	FY04	FY05	FY06	FY07	Target	YTD	Month	Status
			1 100	1 100		· · · · got			
Bus Systemwide									
Mean Miles Between Mechanical Failures					3,532		3.130	3,221	
Requiring Bus Exchange. (MMBMF)  No. of unaddressed road calls				3,274	1,116*	3,500	371	23	$\Diamond$
In-Service On-time Performance**	00 000/	05.400/	00 500/	0.4.050/ **	00 770/	25.000/	00.050/	20.000/	
	69.23%	65.43%	66.50%	64.35%**	63.77%	65.30%	63.85%	62.80%	$\overline{}$
Bus Traffic Accidents Per 100,000 Miles						3.50	3.44	3.43	
Complaints per 100,000 Boardings	4.23	4.51	3.54	2.41	2.46	2.75	2.77	2.68	$\Diamond$
New Workers' Compensation Indemnity							O-4 V/TD	0-4	_
Claims per 200,000 Exposure Hours (1 month	17.80	17.64	13.61	12.27	11.11	12.13	Oct YTD 11.34	Oct. 11.56	
lag)							11.54	11.50	
SGV Sector									
MMBMF				3,467	3,376	3,500	3,093	2,908	$\Diamond$
No. of unaddressed road calls				0,401	88*		18	10	
In-Service On-time Performance	70.02%	69.98%	70.10%	68.59%	65.85%	68%	66.79%	64.98%	$\overline{}$
Bus Traffic Accidents Per 100,000 Miles						2.90	3.14	3.50	$\Diamond$
Complaints per 100,000 Boardings	3.57	3.80	2.95	2.18	2.49	2.50	2.59	2.83	$\Diamond$
New Workers' Compensation Indemnity							Oct YTD	0.04	
Claims per 200,000 Exposure Hours (1 month	23.15	16.12	10.14	12.57	13.35	11.56	9.47	Oct. 10.08	
lag)							5.41	70.00	
Division 3									
MMBMF				2,690	2,838	3,500	2,498	2,225	$\Diamond$
No. of unaddressed road calls				2,090	58*	3,300	13	10	
In-Service On-time Performance	71.08%	70.80%	71.06%	70.05%	16.54%	68%	66.83%	64.63%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						2.90	4.20	4.33	$\Diamond$
Complaints per 100,000 Boardings	3.09	3.02	2.60	1.83	2.12	2.50	2.13	2.72	
New Workers' Compensation Indemnity							Oct YTD	0.04	_
Claims per 200,000 Exposure Hours (1 month	21.54	12.36	6.68	11.36	10.06	11.56	12.27	Oct. 13.38	$\Diamond$
lag)							12.21	73.30	
Division 9									
MMBMF				4,585	4,087	3,500	3,774	4,057	
No. of unaddressed road calls				-	30*	-	5	0	
In-Service On-time Performance	67.47%	68.16%	68.16%	67.01%	12.52%	68%	66.76%	65.24%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						2.90	2.33	2.87	
Complaints per 100,000 Boardings	4.31	5.09	5.09	2.61	2.24	2.50	3.03	2.93	$\Diamond$
New Workers' Compensation							Oot VTD	004	
IndemnityClaims per 200,000 Exposure Hours	28.54	20.75	14.66	14.34	17.30	11.56	Oct YTD 6.27	Oct. 8.02	
(1 month lag)							0.27	0.02	

<sup>\*</sup>Jan - June '07 \*\*Div 15 Nov. '05 data excluded & Dec. Data after shake-up used.

NOTE: As of Aug. '07, Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

Green - High probability of achieving the FY06 target (on track).

<sup>♦</sup> Vellow - Uncertain if the FY06 target will be achieved -- slight problems, delays or management issues.

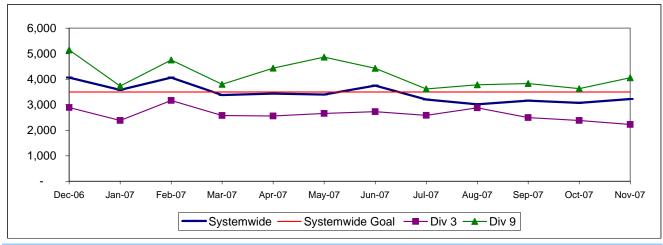
Red - High probability that the FY06 target will not be achieved -- significant problems and/or delays.

#### SAN GABRIEL VALLEY SECTOR BUS SERVICE PERFORMANCE

# MEAN MILES BETWEEN MECHANICAL FAILURES REQUIRING BUS EXCHANGE Systemwide and Divisions 3 and 9

**Definition:** Average Hub Miles traveled between mechanical problems that result in a bus exchange.

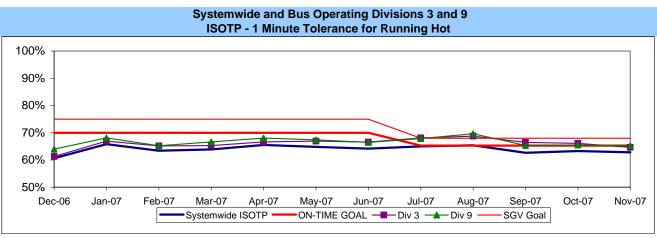
Calculation: MMBMF = (Total Hub Miles / by Mechanical Related Roadcalls Requiring a Bus Exchange)

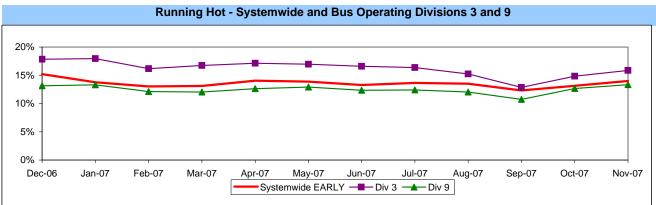


#### **IN-SERVICE ON-TIME PERFORMANCE**

**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. (Excludes Rapid buses.)

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

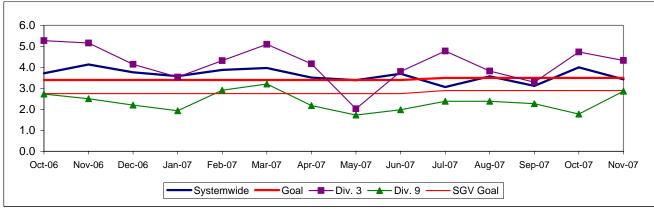




# BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES Systemwide and Bus Operating Divisions 3 and 9

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))

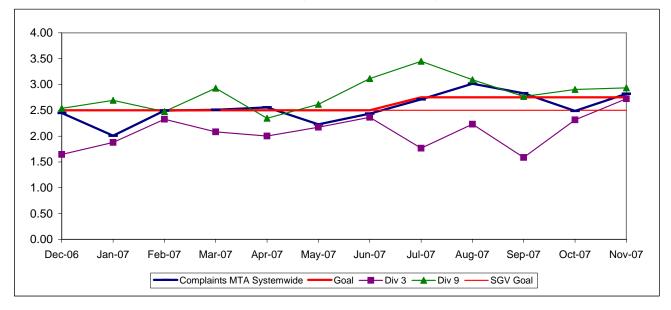


NOTE: Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

# COMPLAINTS PER 100,000 BOARDINGS Systemwide and Bus Operating Divisions 3 and 9

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

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

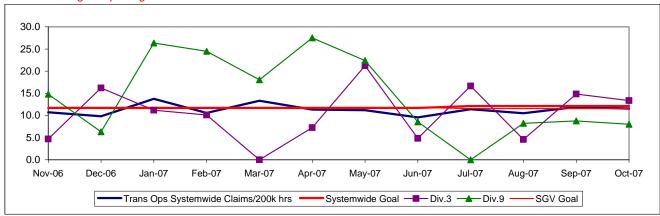


# NEW WORKERS' COMPENSATION INDEMNITY CLAIMS FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 3 and 9

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

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

One month lag in reporting.

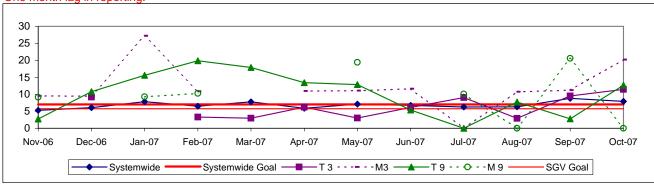


#### OSHA INJURIES FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 3 and 9

**Definition:** Work-related injuries and illnesses that result in: death, loss of consciousness, days away from work, restricted work activity or job transfer, or medical treatment beyond first aid which are filed per 200,000 exposure hours.

Calculation: New OSHA Injuries filed per 200,000 Exposure Hours = New Injuries /(Exposure Hours/200,000)

One month lag in reporting.

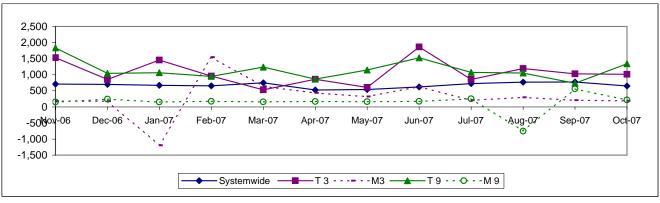


# NUMBER OF LOST WORK DAYS PAID PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 3 and 9

**Definition:** Number of paid working days lost due to employees workers' compensation injuries each month per 200,000 exposure hours. This indicator measures use of Transitional Duty Program.

**Calculation:** : (Total Temporary Disability Benefit Payments / Estimated TD Benefit Rate) x (5/7) / (Number of Exposure Hours / 200,000)

One month lag in reporting.



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

This sector has two Metro operating divisions, Division 1 and 2, both operating out of the downtown Los Angeles area. The sector will be responsible for the operation of approximately 465 Metro buses and 22 Metro Bus lines carrying nearly 81.2 million boarding passengers each year.

This report gives a brief overview of sector operations':

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

Measurement	FY03	FY04	FY05	FY06	FY07	FY08 Target	FY08 YTD	Nov. Month	Status
Bus Systemwide									
Mean Miles Between Mechanical Failures Requiring Bus Exchange. (MMBMF) No. of unaddressed road calls				3,274	3,532 1,116*	3,500	3,130 371	3,221 23	<b>\limits</b>
In-Service On-time Performance	69.23%	65.43%	66.50%	64.35%**	63.77%	65.30%	63.85%	62.80%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						3.50	3.44	3.43	
Complaints per 100,000 Boardings	4.23	4.51	3.54	2.41	2.46	2.75	2.77	2.68	$\Diamond$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	17.80	17.64	13.61	12.27	11.11	12.13	Oct YTD 11.34	Oct. 11.56	
GC Sector									
MMBMF No. of unaddressed road calls				2,506	3,163 170*	3,500	3,065 117	3,114 4	<b>\rightarrow</b>
In-Service On-time Performance	74.53%	69.34%	71.20%	71.73%	68.01%	71.00%	67.12%	65.98%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						3.65	3.34	3.58	0
Complaints per 100,000 Boardings	2.63	3.08	2.58	1.69	1.78	2.00	1.97	2.21	
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	25.30	20.19	14.11	11.45	10.27	10.80	Oct YTD 11.39	Oct. 13.81	
Division 1									
MMBMF No. of unaddressed road calls				2,409	3,757 138*	3,500	3,791 113	3,139 1	•
In-Service On-time Performance	78.22%	70.57%	71.62%	71.06%	68.02%	71.00%	66.50%	65.41%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						3.65	3.22	3.26	0
Complaints per 100,000 Boardings	2.26	3.32	2.92	1.92	1.89	2.00	1.94	2.33	
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	20.42	16.82	12.71	10.92	8.48	10.80	Oct YTD 8.32	Oct. 12.06	
Division 2									
MMBMF No. of unaddressed road calls				2,660	2,598 32*	3,500	2,447 4	3,080 1	<b>\rightarrow</b>
In-Service On-time Performance	67.53%	67.62%	70.42%	72.71%	67.99%	71.00%	67.68%	66.53%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						3.65	3.50	4.00	
Complaints per 100,000 Boardings	3.07	2.84	2.15	1.42	1.64	2.00	2.00	2.06	
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	31.18	24.56	16.69	12.97	13.36	10.80	Oct YTD 15.50	Oct. 17.12	<b>\rightarrow</b>

<sup>\*</sup>Jan - June '07 \*\*Div 15 Nov. '05 data excluded & Dec. Data after shake-up used.

NOTE: As of Aug. '07, Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

Green - High probability of achieving the FY06 target (on track).

<sup>♦</sup> Yellow - Uncertain if the FY06 target will be achieved -- slight problems, delays or management issues.

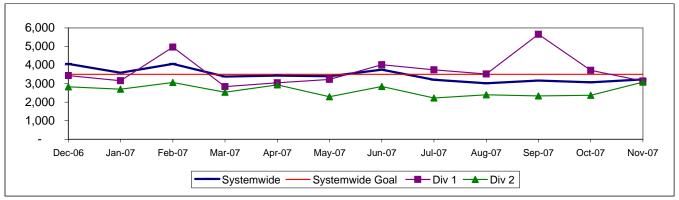
Red - High probability that the FY06 target will not be achieved -- significant problems and/or delays.

#### **GATEWAY CITIES SECTOR BUS SERVICE PERFORMANCE**

# MEAN MILES BETWEEN MECHANICAL FAILURES REQUIRING BUS EXCHANGE Systemwide and Divisions 1 and 2

Definition: Average Hub Miles traveled between mechanical problems that result in a bus exchange.

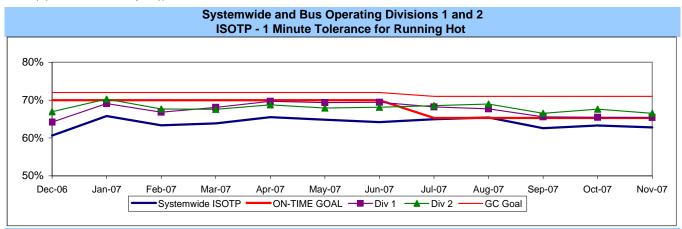
**Calculation:** MMBMF = (Total Hub Miles / by Mechanical Related Roadcalls Requiring a Bus Exchange)

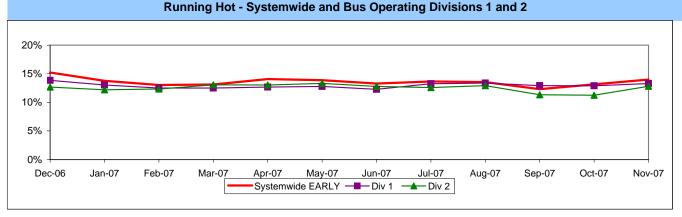


### **IN-SERVICE ON-TIME PERFORMANCE**

**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. (Excludes Rapid buses.)

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

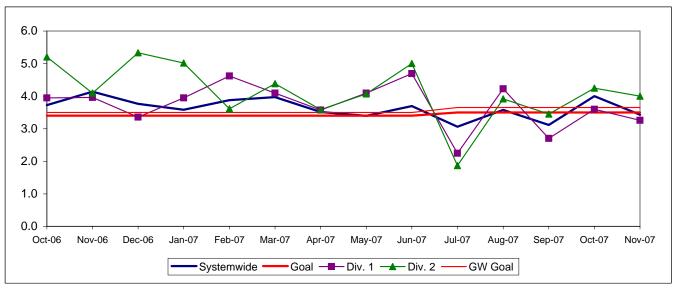




# BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES Systemwide and Bus Operating Divisions 1 and 2

**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))

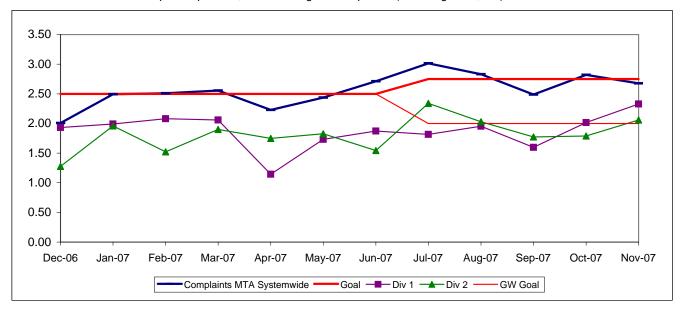


NOTE: Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

# COMPLAINTS PER 100,000 BOARDINGS Systemwide and Bus Operating 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)

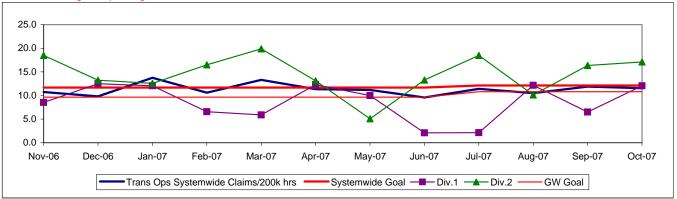


# NEW WORKERS' COMPENSATION INDEMNITY CLAIMS FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 1 and 2

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

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

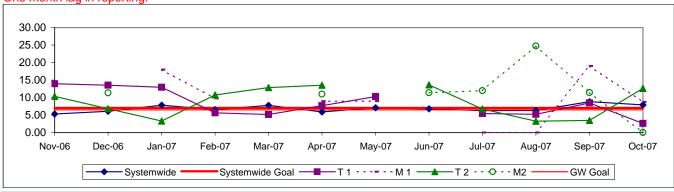
One month lag in reporting.



### OSHA INJURIES FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 1 and 2

**Definition:** Work-related injuries and illnesses that result in: death, loss of consciousness, days away from work, restricted work activity or job transfer, or medical treatment beyond first aid which are filed per 200,000 exposure hours.

**Calculation:** New OSHA Injuries filed per 200,000 Exposure Hours = New Injuries /(Exposure Hours/200,000) One month lag in reporting.

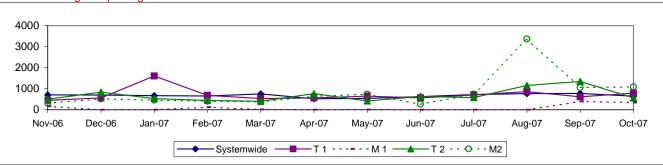


### NUMBER OF LOST WORK DAYS PAID PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 1 and 2

**Definition:** Number of paid working days lost due to employees workers' compensation injuries each month per 200,000 exposure hours. This indicator measures use of Transitional Duty Program.

**Calculation:** : (Total Temporary Disability Benefit Payments / Estimated TD Benefit Rate) x (5/7) / (Number of Exposure Hours / 200,000)

One month lag in reporting.



### South Bay Sector Scorecard Overview (SB)

This sector has two Metro operating divisions, Arthur Winston Division (5) in South Los Angeles and Carson Division (18) in Carson. The sector will be responsible for the operation of approximately 530 Metro buses and 32 Metro Bus lines carrying over 90.2 million boarding passengers each year.

This report gives a brief overview of sector operations':

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

						FY08	FY08	Nov.	
Measurement	FY03	FY04	FY05	FY06	FY07	Target	YTD	Month	Status
Bus Systemwide		-				<u> </u>			
<u> </u>									
Mean Miles Between Mechanical Failures Requiring Bus Exchange. (MMBMF)				3,274	3,532	3,500	3,130	3,221	$\Diamond$
No. of unaddressed road calls				3,274	1,116*	3,300	371	23	~
In-Service On-time Performance**	69.23%	65.43%	66.50%	64.35%**	63.77%	65.30%	63.85%	62.80%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles									
,						3.50	3.44	3.43	
Complaints per 100,000 Boardings	4.23	4.51	3.54	2.41	2.46	2.75	2.77	2.68	$\Diamond$
New Workers' Compensation Indemnity Claims							Oct YTD	Oct.	
per 200,000 Exposure Hours (1 month lag)	17.80	17.64	13.61	12.27	11.11	12.13	11.34	11.56	
**Div 15 Nov. '05 data excluded & Dec. Data after shake-up									
SB Sector									
MMBMF				3.688	3,826	3,500	3,338	3,403	$\Diamond$
No. of unaddressed road calls				-,	231*		42	2	
In-Service On-time Performance	63.67%	61.74%	64.13%	59.05%	62.39%	60.00%	62.44%	61.72%	
Bus Traffic Accidents Per 100,000 Miles						4.00	3.70	3.41	
Complaints per 100,000 Boardings	4.02	4.63	3.61	2.49	2.51	3.25	2.66	2.56	
New Workers' Compensation Indemnity Claims							O=4 VTD	0-4	
per 200,000 Exposure Hours (1 month lag)	17.28	14.84	14.65	13.85	10.81	13.40	Oct YTD 11.21	Oct. 9.60	
Division 5									
MMBMF				0.050	3,580	0.500	2,999	2,908	$\wedge$
No. of unaddressed road calls				3,656	57*	3,500	5	1	
In-Service On-time Performance	66.30%	63.17%	65.58%	61.85%	63.83%	60.00%	63.54%	62.60%	
Bus Traffic Accidents Per 100,000 Miles						4.00	4.88	4.72	$\Diamond$
Complaints per 100,000 Boardings	2.86	3.45	2.71	1.87	1.71	3.25	1.48	1.66	
New Workers' Compensation Indemnity Claims							O=4 VTD	0-4	
per 200,000 Exposure Hours (1 month lag)	24.16	15.22	18.72	14.68	14.89	13.40	Oct YTD 13.38	Oct. 9.46	
Division 18									
MMBMF					4,008		3,585	3.789	
No. of unaddressed road calls				3,712	214*	3,500	57	6	
In-Service On-time Performance	61.23%	60.78%	63.42%	57.31%	61.19%	60.00%	61.52%	60.94%	
Bus Traffic Accidents Per 100,000 Miles						4.00	2.99	2.63	
Complaints per 100,000 Boardings	5.26	5.74	4.44	3.07	3.29	3.25	3.69	2.94	<b>\rightarrow</b>
New Workers' Compensation Indemnity Claims							Oot VTD	004	_
per 200,000 Exposure Hours (1 month lag)	13.40	14.71	11.67	13.63	8.50	13.40	Oct YTD 10.36	Oct. 10.38	
* lan - June '07 **Div 15 Nov '05 data excluded & Dec. Data af									

<sup>\*</sup>Jan - June '07 \*\*Div 15 Nov. '05 data excluded & Dec. Data after shake-up used.

NOTE: As of Aug. '07, Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

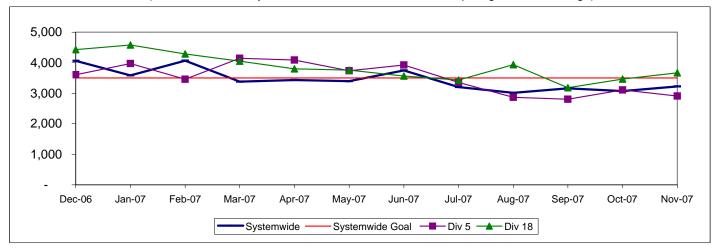
- Green High probability of achieving the FY06 target (on track).
- Vellow Uncertain if the FY06 target will be achieved -- slight problems, delays or management issues.
- Red High probability that the FY06 target will not be achieved -- significant problems and/or delays.

#### SOUTH BAY SECTOR BUS SERVICE PERFORMANCE

# MEAN MILES BETWEEN MECHANICAL FAILURES REQUIRING BUS EXCHANGE Systemwide and Divisions 5 and 18

Definition: Average Hub Miles traveled between mechanical problems that result in a bus exchange.

Calculation: MMBMF = (Total Hub Miles / by Mechanical Related Roadcalls Requiring a Bus Exchange)

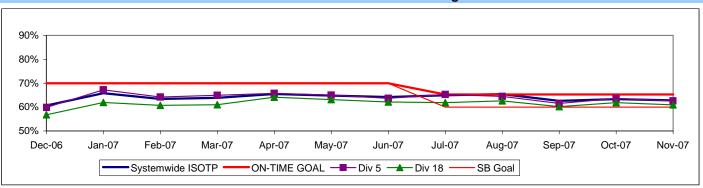


#### **IN-SERVICE ON-TIME PERFORMANCE**

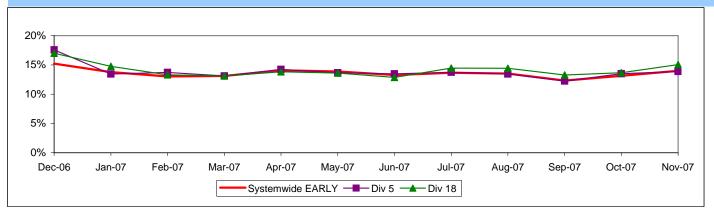
**Definition:** This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled. (Excludes Rapid buses)

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

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



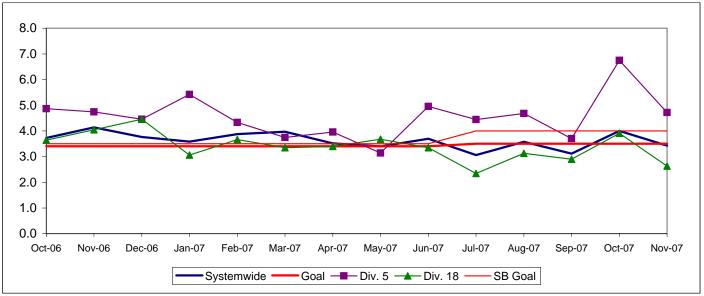
### Running Hot - Systemwide and Bus Operating Divisions 5 and 18



# BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES Systemwide and Bus Operating Divisions 5 and 18

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

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

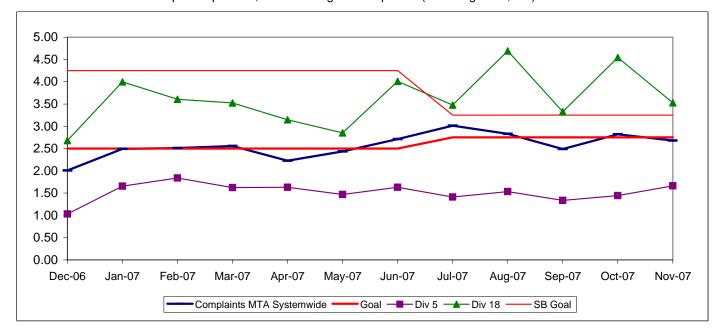


NOTE: Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

# COMPLAINTS PER 100,000 BOARDINGS Systemwide and Bus Operating Divisions 5 and 18

**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)



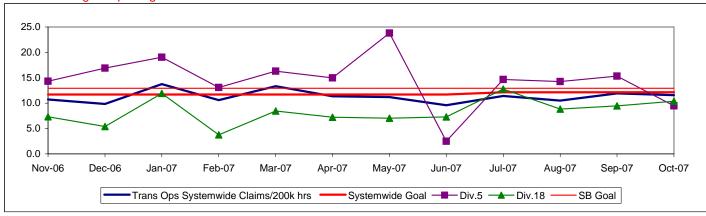
safety.

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

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

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

One month lag in reporting.

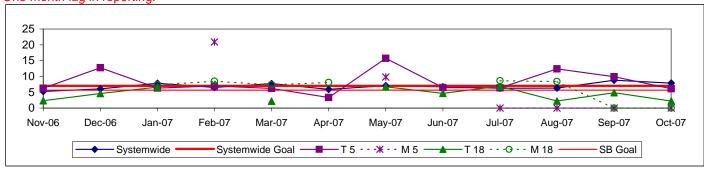


# OSHA INJURIES FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 5 and 18

**Definition:** Work-related injuries and illnesses that result in: death, loss of consciousness, days away from work, restricted work activity or job transfer, or medical treatment beyond first aid which are filed per 200,000 exposure hours.

**Calculation:** New OSHA Injuries filed per 200,000 Exposure Hours = New Injuries /(Exposure Hours/200,000)

One month lag in reporting.

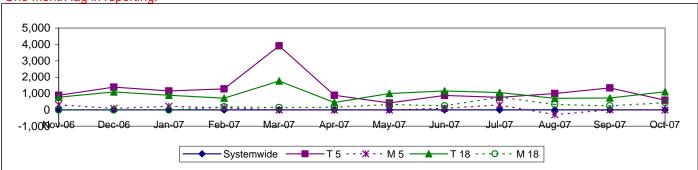


# NUMBER OF LOST WORK DAYS PAID PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 5 and 18

**Definition:** Number of paid working days lost due to employees workers' compensation injuries each month per 200,000 exposure hours. This indicator measures use of Transitional Duty Program.

**Calculation:** : (Total Temporary Disability Benefit Payments / Estimated TD Benefit Rate) x (5/7) / (Number of Exposure Hours / 200,000)

One month lag in reporting.



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

This sector has three Metro operating divisions, Division 6 in Venice, Division 7 in West Hollywood, and Division 10 in Los Angeles, near the Gateway building. The sector will be responsible for the operation of approximately 575 Metro buses and 21 Metro Bus lines carrying nearly 88.8 million boarding passengers each year.

This report gives a brief overview of sector operations':

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

Measurement	FY03	FY04	FY05	FY06	FY07	FY08 Target	FY08 YTD	Nov. Month	Status
	1103	1104	1103	1100	1 107	rarget	110	WOTH	Otatus
Bus Systemwide									
Mean Miles Between Mechanical Failures Requiring Bus Exchange. (MMBMF) No. of unaddressed road calls				3,274	3,532 1,116*	3,500	3,130 371	3,221 23	<b>\rightarrow</b>
In-Service On-time Performance	69.23%	65.43%	66.50%	64.35%**	63.77%	65.30%	63.85%	62.80%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						3.50	3.44	3.43	
Complaints per 100,000 Boardings	4.23	4.51	3.54	2.41	2.46	2.75	2.77	2.68	$\Diamond$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	17.80	17.64	13.61	12.27	11.11	12.13	Oct YTD 11.34	Oct. 11.56	•
WC Sector									
MMBMF No. of unaddressed road calls				3,499	3,651 155*	3,500	3,234 42	3,539 1	<b>\rightarrow</b>
In-Service On-time Performance	67.88%	63.31%	63.39%	60.82%	57.59%	60.00%	56.70%	56.00%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						4.00	4.42	3.93	<b>\rightarrow</b>
Complaints per 100,000 Boardings	4.84	5.30	4.10	2.53	2.66	3.00	3.38	3.12	$\Diamond$
New Workers' Compensation IndemnityClaims per 200,000 Exposure Hours (1 month lag)	28.74	21.52	18.80	14.61	12.99	13.40	Oct YTD 13.73	Oct. 14.49	<b>\rightarrow</b>
Division 6									
MMBMF No. of unaddressed road calls				6,279	4,456 30*	3,500	3,795 26	3,317 0	
In-Service On-time Performance	65.93%	60.11%	56.75%	57.20%	53.28%	60.00%	53.21%	51.77%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						4.00	2.43	1.59	
Complaints per 100,000 Boardings	6.10	6.15	4.47	2.52	2.10	3.00	2.85	3.51	
New Workers' Compensation IndemnityClaims per 200,000 Exposure Hours (1 month lag)	30.72	21.71	18.23	16.43	15.02	13.40	Oct YTD 11.08	Oct. 16.42	
Division 7									
MMBMF No. of unaddressed road calls				2,947	3,468 64*	3,500	3,134 16	3,981 1	<b>\rightarrow</b>
In-Service On-time Performance	68.80%	64.59%	64.22%	61.78%	58.01%	60.00%	57.47%	57.40%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						4.00	4.15	4.25	<b>\rightarrow</b>
Complaints per 100,000 Boardings	4.74	5.70	4.24	2.87	2.98	3.00	3.36	2.54	$\Diamond$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	24.52	21.05	19.44	15.76	12.09	13.40	Oct YTD 14.81	Oct. 18.43	<b>\rightarrow</b>
Division 10									
MMBMF No. of unaddressed road calls				3,723	3,702 61*	3,500	3,225 0	3,255 0	<b>\rightarrow</b>
In-Service On-time Performance	67.34%	62.85%	64.14%	60.73%	58.61%	60.00%	56.71%	55.59%	$\Diamond$
Bus Traffic Accidents Per 100,000 Miles						4.00	5.10	4.17	<b>\rightarrow</b>
Complaints per 100,000 Boardings	4.73	4.85	3.92	2.23	2.48	3.00	3.50	3.56	$\Diamond$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	35.38	22.90	3.74 114	3.80 1	14.02	13.40	Oct YTD 14.32	Oct. 11.84	<b>\rightarrow</b>

"Jan - June '07 \*\*Div 15 Nov. '05 data excluded & Dec. Data after shake-up used.

NOTE: As of Aug. '07, Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

Green - High probability of achieving the FY06 target (on track).

ellow - Uncertain if the FY06 target will be achieved -- slight problems, delays or management issues.

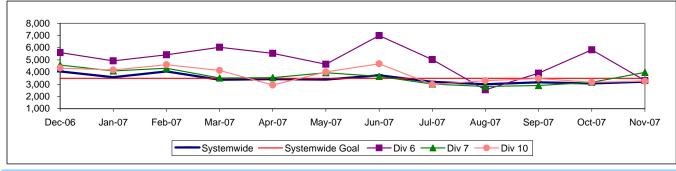
Red - High probability that the FY06 target will not be achieved -- significant problems and/or delays.

#### WESTSIDE / CENTRAL SECTOR BUS SERVICE PERFORMANCE

# MEAN MILES BETWEEN MECHANICAL FAILURES REQUIRING BUS EXCHANGE Systemwide and Divisions 6, 7 and 10

**Definition:** Average Hub Miles traveled between mechanical problems that result in a bus exchange.

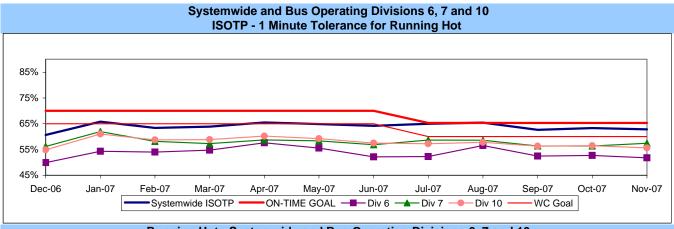
**Calculation:** MMBMF = (Total Hub Miles / by Mechanical Related Roadcalls Requiring a Bus Exchange)

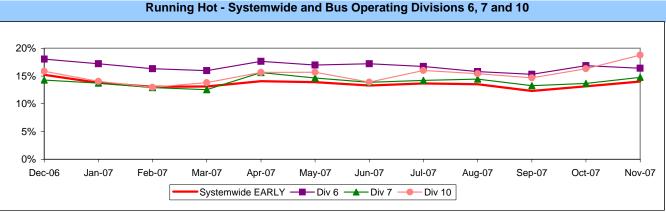


#### **IN-SERVICE ON-TIME PERFORMANCE**

**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. (Excludes Rapid buses)

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

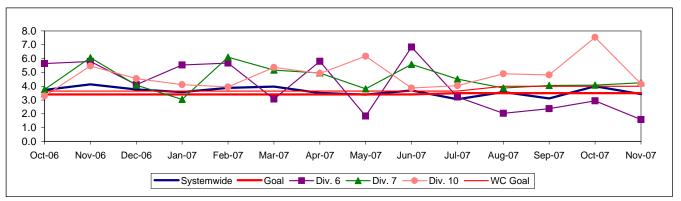




# **BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES Systemwide and Bus Operating Divisions 6, 7 and 10**

**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))

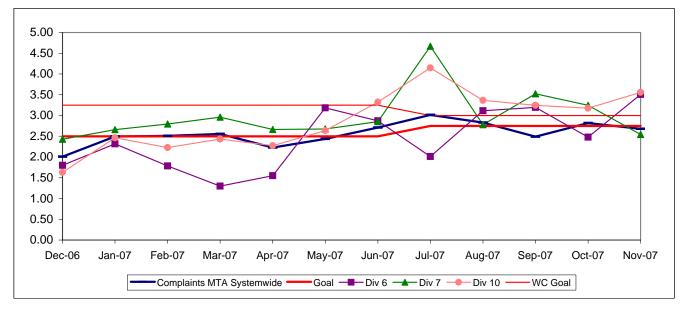


NOTE: Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

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

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

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

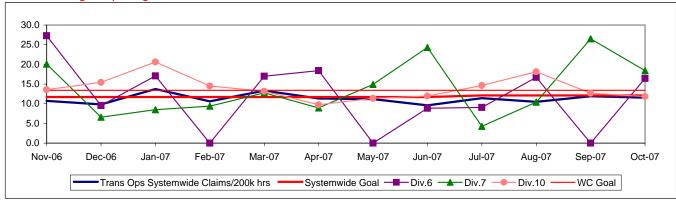


# NEW WORKERS' COMPENSATION INDEMNITY CLAIMS FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 6, 7 and 10

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

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

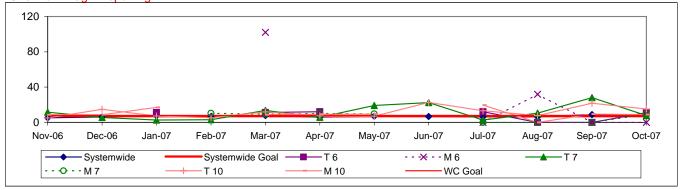
One month lag in reporting.



### OSHA INJURIES FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 6, 7 and 10

**Definition:** Work-related injuries and illnesses that result in: death, loss of consciousness, days away from work, restricted work activity or job transfer, or medical treatment beyond first aid which are filed per 200,000 exposure hours.

**Calculation:** New OSHA Injuries filed per 200,000 Exposure Hours = New Injuries /(Exposure Hours/200,000) One month lag in reporting.

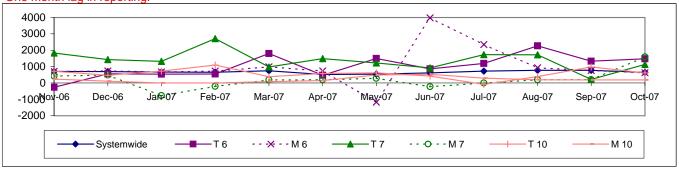


# NUMBER OF LOST WORK DAYS PAID PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 6, 7 and 10

**Definition:** Number of paid working days lost due to employees workers' compensation injuries each month per 200,000 exposure hours. This indicator measures use of Transitional Duty Program.

**Calculation:** : (Total Temporary Disability Benefit Payments / Estimated TD Benefit Rate) x (5/7) / (Number of Exposure Hours / 200,000)





### **Metro Rail Scorecard Overview**

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

This report gives a brief overview of sector operations':

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

	EV00	EV04	EV0E	EV.00	E\/07	FY08	FY08	Nov.	01-1
Measurement	FY03	FY04	FY05	FY06	FY07	Target	YTD	Month	Status
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	11.25	11.59	9.32	11.56	8.08	10.00	Oct YTD 13.18	Oct. 9.14	<b>\limits</b>
Metro Red Line (MRL)									
On-Time Pullouts	99.36%	99.71%	99.94%	99.61%	99.76%	99.00%	99.92%	100.00%	
Mean Miles Between Chargeable Mechanical Failures*	9,495	12,793	11,759	19,587	17,260	20,000	19,314	17,750	<b>\rightarrow</b>
In-Service On-time Performance	99.15%	99.04%	98.66%	99.05%	99.07%	99.00%	99.14%	99.51%	
Traffic Accidents Per 100,000 Train Miles	0.07	0	0.22	0.22	0	0.14	0.17	0.00	$\Diamond$
Complaints per 100,000 Boardings	1.20	1.17	1.13	0.66	0.41	0.50	0.42	0.55	
Metro Blue Line (MBL)									
On-Time Pullouts	99.07%	99.94%	99.73%	99.76%	99.72%	99.00%	99.59%	100.00%	
Mean Miles Between Chargeable Mechanical Failures	6,399	10,365	16,273	26,774	35,125	20,000	28,172	31,597	•
In-Service On-time Performance	97.59%	98.74%	98.16%	96.95%	98.81%	99.00%	98.81%	98.81%	$\Diamond$
Traffic Accidents Per 100,000 Train Miles	0.82	1.36	0.64	0.96	1.35	0.40	1.68	2.84	$\Diamond$
Complaints per 100,000 Boardings	1.30	0.97	0.98	0.78	0.53	0.73	0.58	0.50	
Metro Green Line (MGrL)									
On-Time Pullouts	98.99%	99.78%	99.91%	99.97%	99.54%	99.00%	99.76%	99.79%	
Mean Miles Between Chargeable Mechanical Failures	5,617	11,337	12,558	20,635	27,471	20,000	46,393	42,458	•
In-Service On-time Performance	98.21%	98.99%	98.22%	99.36%	99.04%	99.00%	99.06%	98.61%	
Traffic Accidents Per 100,000 Train Miles	0.14	0.08	0.00	0	0	0.40	0	0.00	
Complaints per 100,000 Boardings	1.26	1.37	1.39	0.92	0.72	0.73	0.53	0.73	
Metro Gold Line (MGoL)									
On-Time Pullouts		100%	99.85%	99.97%	99.95%	99.00%	100.00%	100.00%	
Mean Miles Between Chargeable Mechanical Failures		8,938	16,571	23,329	22,775	20,000	33,561	67,681	0
In-Service On-time Performance		98.52%	97.97%	98.90%	99.32%	99.00%	98.84%	99.64%	$\Diamond$
Traffic Accidents Per 100,000 Train Miles		0.25	0.23	0.12	0.23	0.40	0.55	0.00	$\Diamond$
Complaints per 100,000 Boardings		3.81	2.85	2.71	1.88	0.73	1.95	2.63	$\Diamond$

Green - High probability of achieving the FY06 target (on track).

<sup>♦</sup> Yellow - Uncertain if the FY06 target will be achieved -- slight problems, delays or management issues.

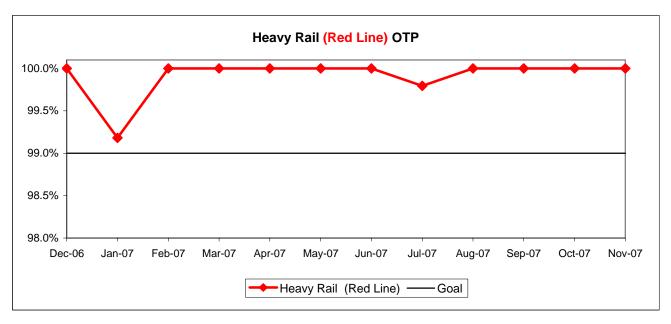
Red - High probability that the FY06 target will not be achieved -- significant problems and/or delays.

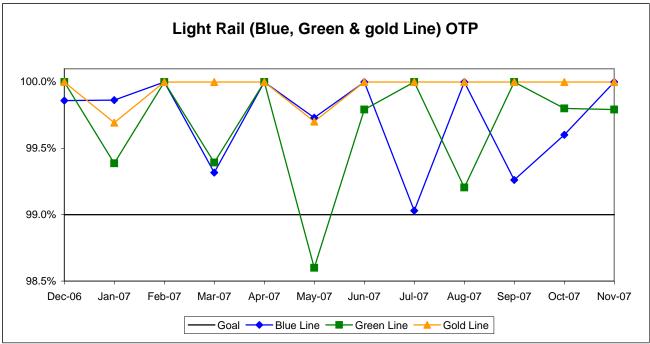
### RAIL SERVICE PERFORMANCE

### **ON-TIME PULLOUTS (OTP)**

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

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

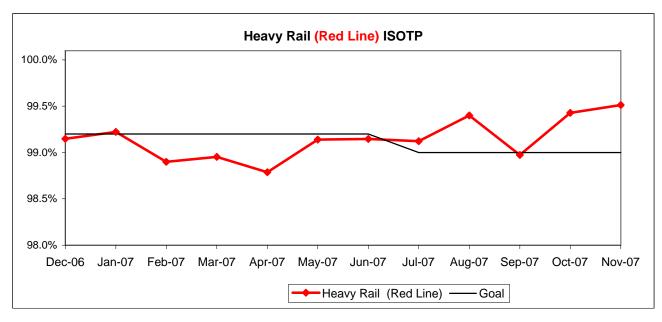


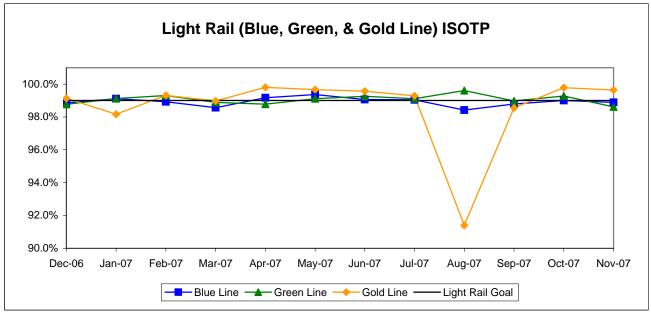


### **IN-SERVICE ON-TIME PERFORMANCE (ISOTP)**

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

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

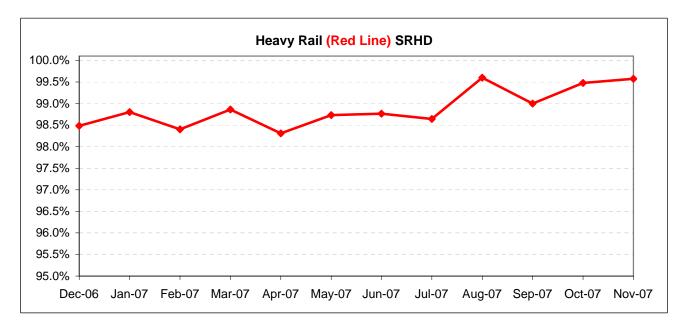


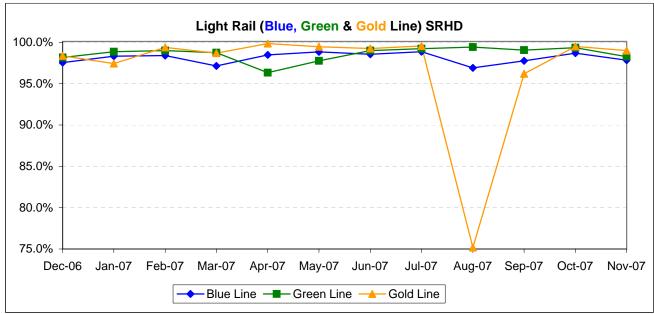


### Scheduled Revenue Hours Delivered (SRHD) by Rail Line

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

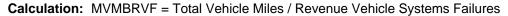
**Calculation:** SRSHD% = (1-(Total Service Hours Lost / by Total Scheduled Service Hours))

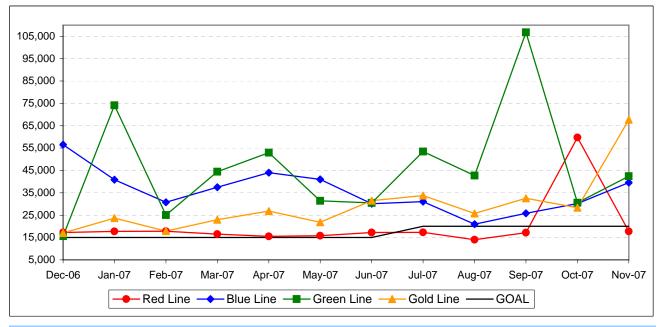




#### Mean Miles Between Chargeable Mechanical Failures

**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.



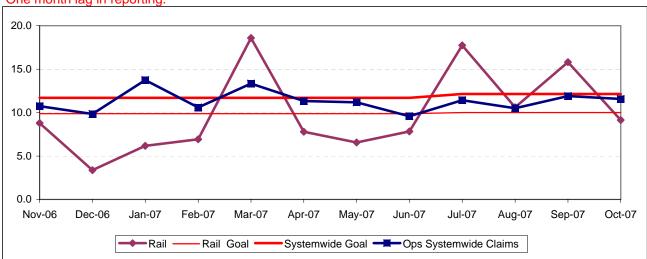


### NEW WORKERS' COMPENSATION INDEMNITY CLAIMS FILED PER 200,000 EXPOSURE HOURS

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

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

#### One month lag in reporting.



### **BUS SERVICE PERFORMANCE**

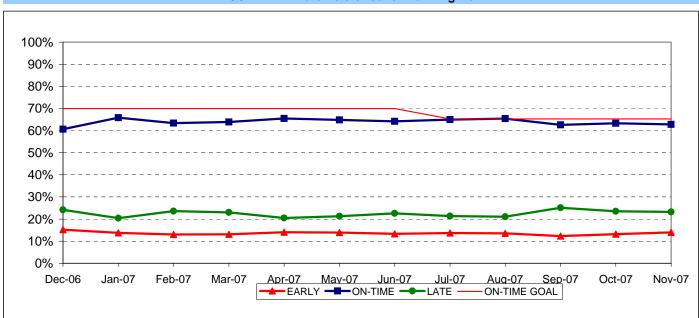
### **IN-SERVICE ON-TIME PERFORMANCE**

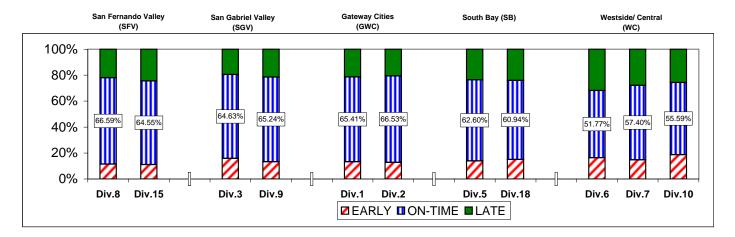
**Definition:** This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled. (Excludes Rapid buses)

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

			1041	o Bato ooi
		FY07	FY08-YTD	Variance
San Fernando Val	ley	Sector (SF	·V)	
Division 8				
E	arly	12.33%	11.83%	-0.50%
On-Ti	me	67.48%	67.27%	-0.21%
L	.ate	20.19%	20.90%	0.71%
Division 15				
E	arly	12.23%	11.16%	-1.07%
On-Ti	me	64.41%	66.03%	1.61%
L	.ate	23.36%	22.81%	-0.54%
<b>Gateway Cities Se</b>	ecto	r (GWC)		
Division 1				
E	arly	12.63%	13.15%	0.51%
On-Ti	me	68.02%	66.50%	-1.52%
	ate.	19.34%	20.35%	1.01%
Division 2				
E	arly	12.57%	12.19%	-0.38%
On-Ti	me	67.99%	67.68%	-0.32%
	ate.	19.44%	20.13%	0.69%
South Bay Sector	(SE	3)		
Division 5				
E	arly	13.69%	13.39%	-0.30%
On-Ti	me	63.83%	63.54%	-0.28%
L	ate.	22.48%	23.07%	0.59%
Division 18				
E	arly	13.70%	14.17%	0.47%
On-Ti	me	61.19%	61.52%	0.33%
L	.ate	25.10%	24.31%	-0.80%

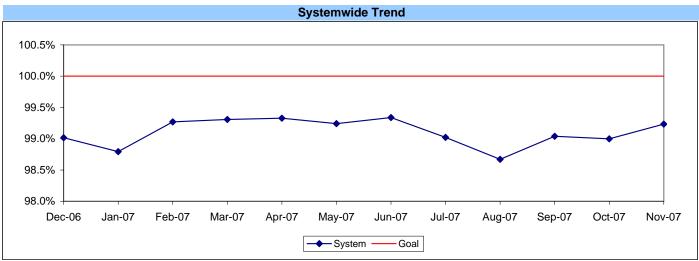
ast Year										
	FY07	FY08-YTD	Variance							
San Gabri	el Valley Sed	ctor (SGV)								
Division 3										
Early	16.54%	15.03%	-1.50%							
On-Time	65.35%	66.83%	1.48%							
Late	18.12%	18.14%	0.02%							
Division 9										
Early	12.52%	12.25%	-0.27%							
On-Time	66.22%	66.76%	0.54%							
Late	21.26%	20.99%	-0.27%							
Westside/										
Division 6										
Early	16.44%	16.23%	-0.21%							
On-Time	53.28%	53.21%	-0.07%							
Late	30.28%	30.55%	0.27%							
Division 7										
Early	13.62%	14.05%	0.43%							
On-Time	58.01%	57.47%	-0.54%							
Late	28.37%	28.47%	0.11%							
Division 10										
Early	14.17%	16.23%	2.07%							
On-Time	58.61%	56.71%	-1.90%							
Late	27.23%	27.06%	-0.17%							

SYSTEMWI	DE		
Early	13.44%	13.33%	-0.11%
On-Time	63.77%	63.85%	0.08%
Late	22.78%	22.81%	0.03%

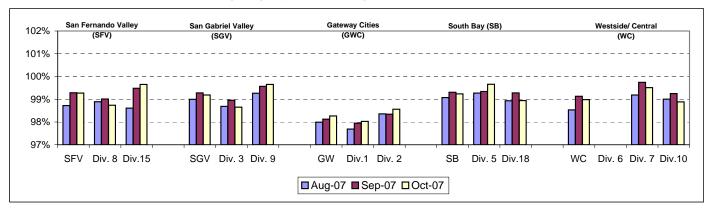
#### **ACTUAL TO SCHEDULED REVENUE HOURS DELIVERED\***

**Definition:** This performance indicator measures the percentage of scheduled Revenue Hours delivered after being offset by cancellations, outlates and in-service equipment failures. FY06: This performance indicator measures the percentage of scheduled Revenue Hours delivered after adding in temporary RH service added, Hollywood Bowl and Race Track RH, in addition RH due to overtime offset by cancellations and in-service delays.

**Calculation:** SRHD% = 1- ((In-Service Delay Revenue Hours plus Cancelled Revenue Hours) divided by (Total Scheduled Service Hours + Temporary Revenue Hours + Hollywood Bowl and Race Track Revenue Hours + In Addition Revenue Hours)) FY06: Actual Revenue Hours Delivered divided by Scheduled Revenue Hours.



\* Used Scheduled Hours delivered in FY05. Beginning July 2005, calculating the Actual RH to Scheduled Revenue Hours.

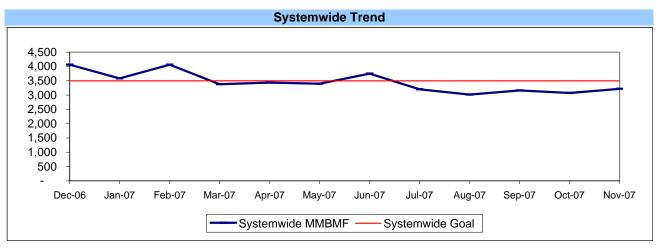


### **MAINTENANCE PERFORMANCE**

### **MEAN MILES BETWEEN MECHANICAL FAILURES (MMBMF)\***

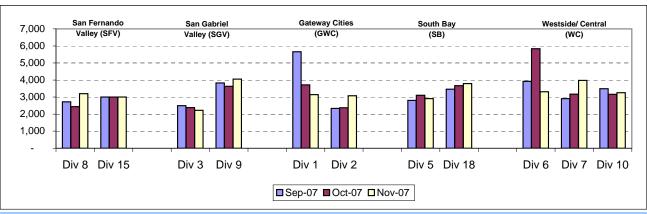
Definition: Average Hub Miles traveled between mechanical problems that result in a bus exchange.

Calculation: MMBMF = (Total Hub Miles / by Mechanical Related Roadcalls Requiring a Bus Exchange)



<sup>\*</sup> New Indicator.

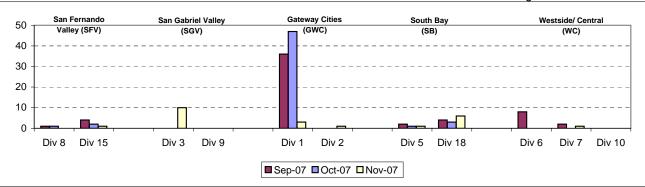
### MMBMBF -- Bus Operating Sector Divisions September - November 2007



# Unaddressed Road Calls -- Bus Operating Sector Divisions\* September - November 2007

**Definition:** Road calls cannot be counted, per FTA definition, if no one has jobbed on to assign a job code. (Source: M3)

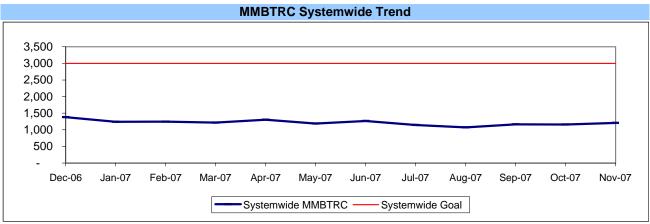
**Calculation:** Unaddressed Road Calls = Total number of road calls that have not been assigned.



<sup>\*</sup> New Indicator.

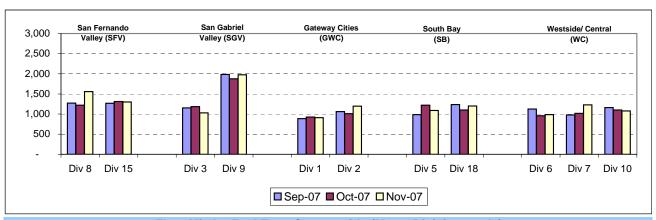
### **MEAN MILES BETWEEN TOTAL ROAD CALLS (MMBTRC)\***

**Definition:** Average Hub Miles traveled between road call problems. **Calculation:** MMBTRC = (Total Hub Miles / by Total Road Calls)



<sup>\*</sup> New Indicator.

# MMBTRC --Bus Operating Sector Divisions September - November 2007



Fleet Mix by Fuel Type Systemwide (Metro Divisions only)

	<b>Number of Buses</b>	Percent of Buses
CNG	2,360	86.70%
Diesel	269	9.88%
Gasoline	59	2.17%
Propane	34	1.25%
Total	2,722	100.00%

### Average Age of Fleet by Sectors' Divisions

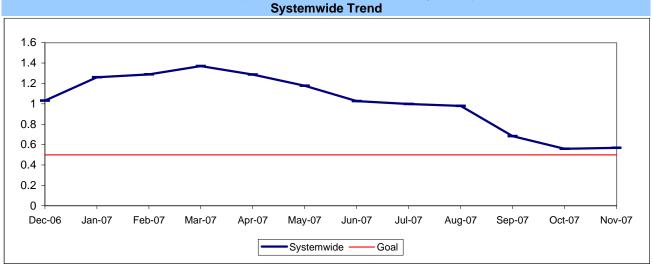
S	SFV			GWC		SB	
Div 8	Div 15	Div 3	Div 9	Div 1	Div 2	Div 5	Div 18
8.7	7.6	8.0	6.6	6.5	6.6	5.6	8.0

	WC	
Div 6	Div 7	Div 10
13.4	6.1	5.4

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

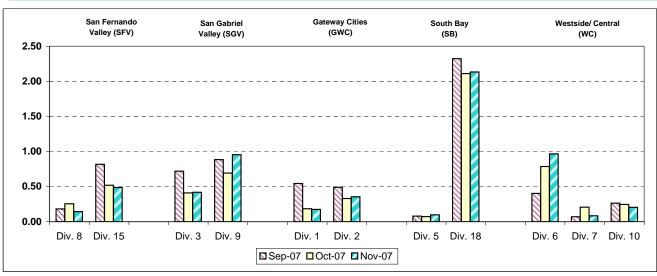
**Definition:** Average past due critical scheduled preventive maintenance jobs per bus. This indicator measures maintenance management's ability to prioritize and perform critical repairs and indicates the general maintenance condition of the fleet.

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



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

### Past Due Critical PMs - by Sectors' Divisions September - November 2007

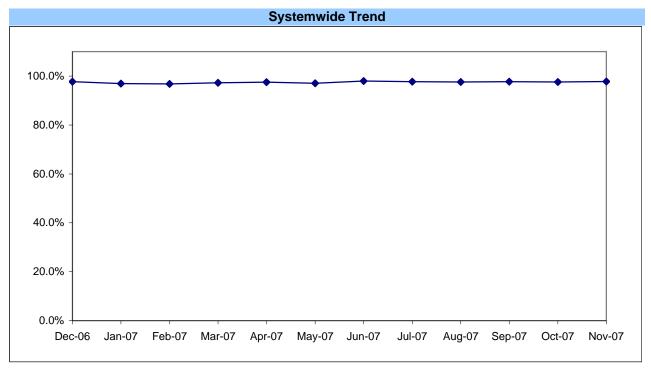


### **ATTENDANCE**

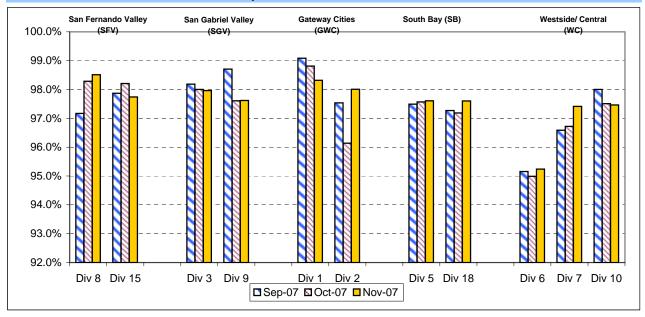
### **MAINTENANCE ATTENDANCE**

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

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



# Maintenance Attendance - By Sectors' Divisions (By Current Month) September - November 2007



### SAFETY PERFORMANCE

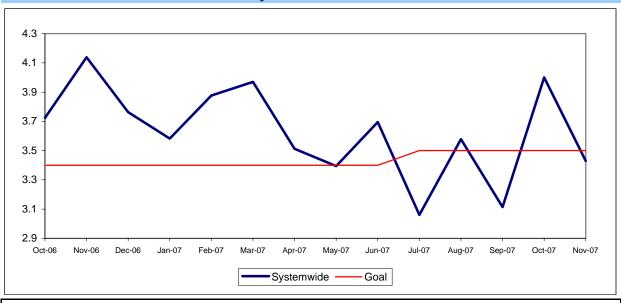
### **BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES**

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

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

NOTE: As of Aug. '07, Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

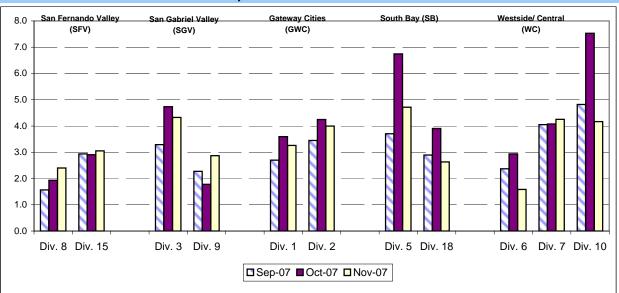
#### **Systemwide Trend**



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.

NOTE: As of Aug. '07, Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

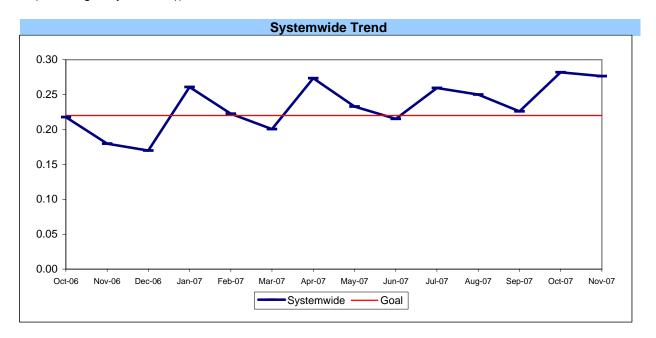
### Bus Operating Divisions - by Sectors' Divisions September - November 2007



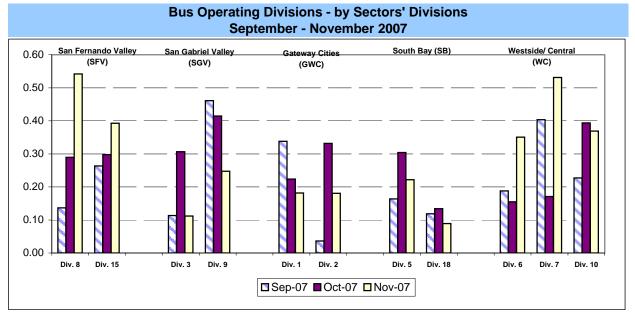
### **BUS PASSENGER ACCIDENTS PER 100,000 BOARDINGS**

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

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



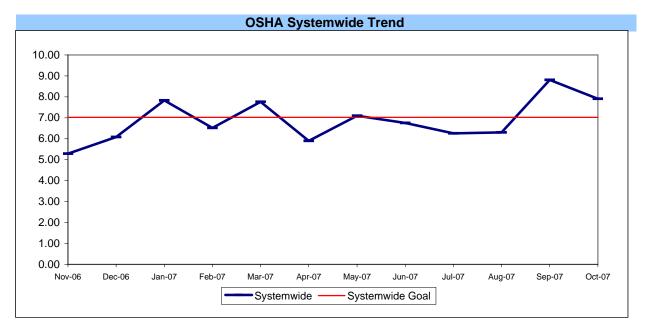
Note: The thirteen months prior to the reporting month are re-examined each month to allow for reclassification of accidents and late filing of reports.



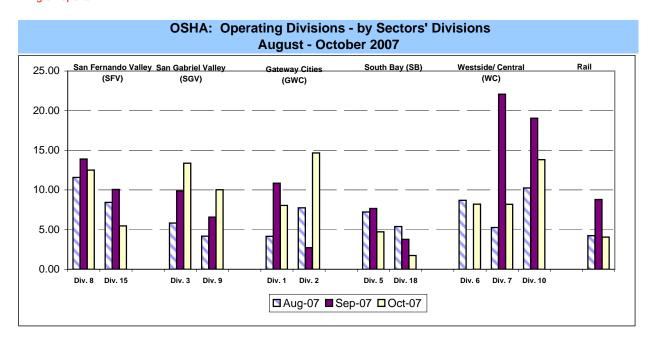
**Safety Performance Continued** 

# OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) RECORDABLE INJURIES PER 200,000 EXPOSURE HOURS

**Definition:** Work-related injuries and illnesses that result in: death, loss of consciousness, days away from work, restricted work activity or job transfer, or medical treatment beyond first aid. **Calculation:** Number of OSHA Injuries/Illnesses Filed / (Exposure Hours / 200,000)



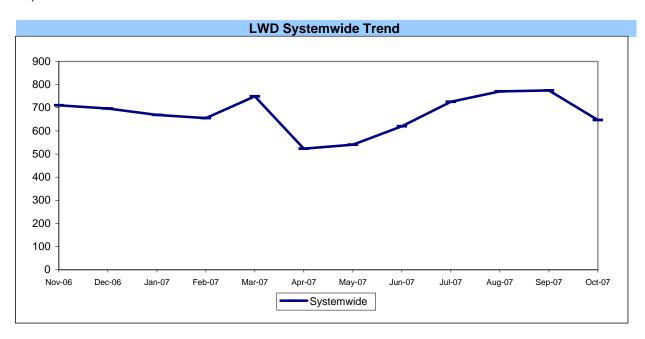
Note: The thirteen months prior to the reporting month are re-examined each month to allow for reclassification of injuries and late filing of reports.

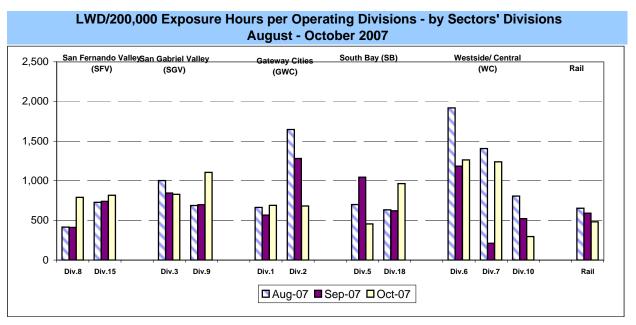


### LOST WORK DAYS (LWD) PAID PER 200,000 EXPOSURE HOURS

**Definition:** Number of paid working days lost due to employees workers' compensation injuries each month per 200,000 exposure hours..

**Calculation:** (Total Temporary Disability Benefit Payments / Estimated TD Benefit Rate) x (5/7) / (Number

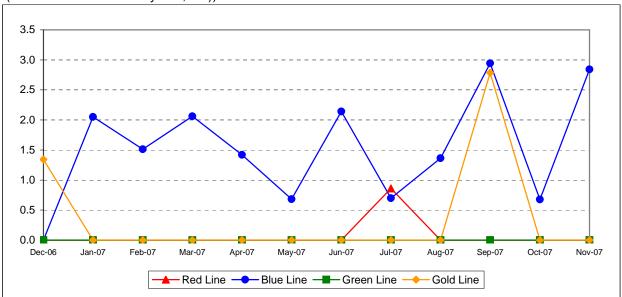




### RAIL ACCIDENTS PER 100,000 REVENUE TRAIN MILES (PUC Reportable)

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

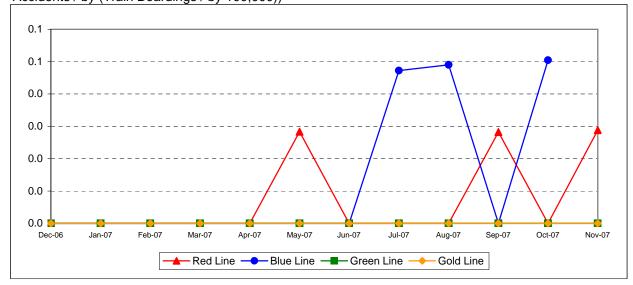
**Calculation:** Rail Accidents Per 100,000 Revenue Train Miles = (The number of Rail Accidents / by (Revenue Train Miles / by 100,000))



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

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

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

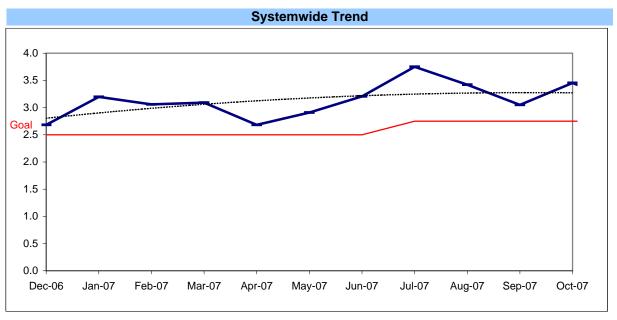


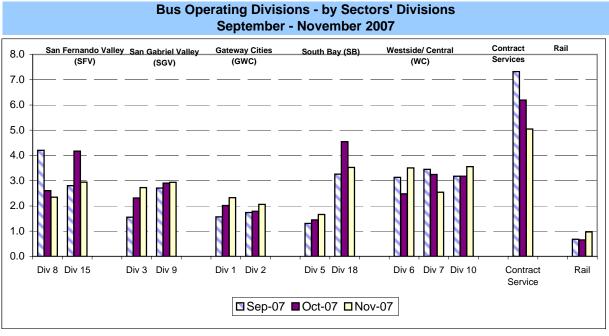
# **CUSTOMER SATISFACTION**

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

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

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





### **WORKERS COMPENSATION CLAIMS**

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

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

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



One month lag from current month

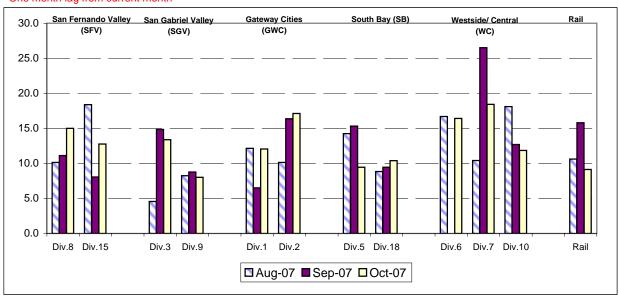
### NEW CLAIMS PER 200,000 EXPOSURE HOURS-MONTH BY BUS SECTORS' DIVISION & RAIL

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

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

# Bus & Rail - by Bus Sectors' Divisions and Rail August - October 2007





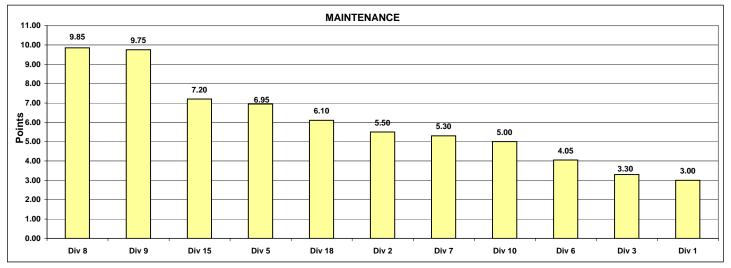
### "HOW YOU DOIN'?" PERFORMANCE INCENTIVE PROGRAM

# Monthly Calculations - November 2007 Metro Bus - Maintenance

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

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

Maintenance												
	Weight	Div 1	Div 2	Div 3	Div 5	Div 6	Div 7	Div 8	Div 9	Div 10	Div 15	Div 18
Miles Between Total Road												
Calls	64%	908.8	1197.8	1030.9	1089.7	984.7	1226.2	1556.1	1973.2	1075.2	1298.3	1199.6
Points		1	6	3	5	2	8	10	11	4	9	7
Attendance	20%	0.98395	0.99062	0.98535	0.98619	0.95238	0.97455	0.98949	0.98542	0.98620	0.97778	0.98050
Points	2070	5	11	6	8	1	2	10	7	9	3	4
New WC Claims /200,000												
Exp Hrs*	36%	17.5082	21.7628	20.1926	0.0000	0.0000	18.8866	0.0000	0.0000	17.8441	7.7351	7.8114
Points		5	1	2	9.5	9.5	3	9.5	9.5	4	7	6
*One month lag												
Totals		3.00	5.50	3.30	6.95	4.05	5.30	9.85	9.75	5.00	7.20	6.10
FINAL		Maintenance Division Ranking (Sorted)										
RANKING	DIV.	Div 8	Div 9	Div 15	Div 5	Div 18	Div 2	Div 7	Div 10	Div 6	Div 3	Div 1
	Score	9.85	9.75	7.20	6.95	6.10	5.50	5.30	5.00	4.05	3.30	3.00
	Rank	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th

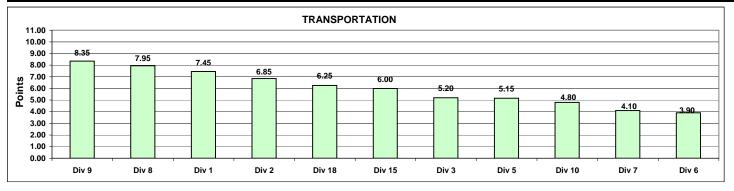


### Monthly Calculations - November 2007 Metro Bus - Transportation

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

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

Transportation												
	Weight	Div 1	Div 2	Div 3	Div 5	Div 6	Div 7	Div 8	Div 9	Div 10	Div 15	Div 18
In-Service On-Time												
Performance	25%	0.6541	0.6653	0.6463	0.6260	0.5177	0.5740	0.6659	0.6524	0.5559	0.6455	0.6094
Points		9	10	7	5	1	3	11	8	2	6	4
Miles Between Total Road												
Calls	10%	908.7539	1197.7992	1030.9258	1089.6945	984.7333	1226.2406	1556.0770	1973.2470	1075.1748	1298.3032	1199.6322
Points		1	6	3	5	2	8	10	11	4	9	7
Accident Rate	25%	3.2578	3.9984	4.3266	4.7178	1.5867	4.2514	2.4036	2.8686	4.1681	3.0504	2.6305
Points		6	5	2	1	11	3	10	8	4	7	9
Complaints/100K												
Boardings	15%	2.3276	2.0602	2.7243	1.6638	3.5070	2.5428	2.3476	2.9340	3.5576	2.9442	3.5262
Points		9	10	6	11	3	7	8	5	1	4	2
New WC Claims /200,000												
Exp Hrs*	25%	10.4411	15.7758	11.4435	12.2887	21.9621	18.3061	20.1543	10.1393	10.1372	14.3157	11.1073
Points *One month lag		9	4	7	6	1	3	2	10	11	5	8
Totals		7.45	6.85	5.20	5.15	3.90	4.10	7.95	8.35	4.80	6.00	6.25
FINAL					Transporta	tion Divisio	n Ranking (	Sorted)				
RANKING	DIV.	Div 9	Div 8	Div 1	Div 2	Div 18	Div 15	Div 3	Div 5	Div 10	Div 7	Div 6
	Score	8.35	7.95	7.45	6.85	6.25	6.00	5.20	5.15	4.80	4.10	3.90
	Rank	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th



### Monthly Calculations Metro Rail

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

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

	Metro Blue Line			Metro Red Line			Met	ro Green Li	ne	Metro Gold Line			
Wayside Availability	Nov-06	Nov-07	Yearly Improvement	Nov-06	Nov-07	Yearly Improvement	Nov-06	Nov-07	Yearly Improvement	Nov-06	Nov-07	Yearly Improvement	
Track	100.00%	100.00%	0.00%	100.00%	99.99%	-0.01%	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	
Signals	99.63%	99.78%	0.15%	99.94%	100.00%	0.06%	100.00%	99.71%	-0.29%	99.85%	100.00%	0.15%	
Power	99.94%	99.81%	-0.13%	99.98%	100.00%	0.02%	99.87%	99.55%	-0.33%	99.67%	100.00%	0.33%	
Wayside Performance	99.86%	99.86%	0.01%	99.97%	100.00%	0.02%	99.96%	99.75%	-0.21%	99.84%	100.00%	0.16%	
Vehicle Availability Vehicle Performance	98.80%	99.62%	0.82%	99.60%	99.71%	0.12%	99.49%	99.50%	0.01%	98.27%	99.80%	1.52%	
Operator Availability Operators	99.95%	99.98%	0.03%	99.95%	100.00%	0.05%	99.94%	99.78%	-0.16%	98.95%	100.00%	1.05%	
In-Service Performance Rev. Hr. Delivered - Rail	98.32%	99.19%	0.87%	99.40%	99.70%	0.29%	99.30%	98.54%	-0.76%	96.74%	99.80%	3.06%	
otal Rail Line Performance	99.23%	99.67%	0.43%	99.73%	99.85%	0.12%	99.67%	99.39%	-0.28%	98.45%	99.90%	1.45%	

