# JAN 2009

# METRO OPERATIONS MONTHLY PERFORMANCE REPORT

We pulled out all the stops. Metro Express Line 577X

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\*\* Nation's Largest Clear

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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)
- \* Mean Miles Between Total Road Calls (MMBTRC)
- \* 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	FY04	FY05	FY06	FY07	FY08	FY09 Target	FY09 YTD	Jan. Month	Status
Bus Systemwide							L		
Mean Miles Between Mechanical Failures Requiring Bus Exchange. (MMBMF) No. of unaddressed road calls			3,274	3,532 1,116*	3,137 824	3,500	3,164 228	3,048 19	$\sim$
Mean Miles Between Total Road Calls (MMBTRC)				1,245	1,137	1,556	1,207	1,284	$\diamond$
In-Service On-time Performance**	65.43%	66.50%	64.35%**	63.77%	64.05%	66.15%	64.89%	67.65%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles					3.47	3.40	3.09	2.66	
Complaints per 100,000 Boardings	4.51	3.54	2.41	2.46	2.57	2.70	2.80	2.66	$\overline{\diamond}$
New Workers' Compensation IndemnityClaims per 200,000 Exposure Hours (1 month lag)	17.64	13.61	12.27		11.54	12.10	Dec YTD 9.03	Dec. 7.69	•
**Div 15 Nov. '05 data excluded & Dec. Data after shake-up SFV Sector									
MMBMF No. of unaddressed road calls			3,319	3,619 432*	2,938 153	3,500	3,171 7	2,925 1	$\sim$
MMBTRC				1,310	1,222	1,638	1,342	1,471	$\diamond$
In-Service On-time Performance	67.47%	68.54%	65.19%**	65.60%	67.48%	67.50%	67.89%	72.09%	
Bus Traffic Accidents Per 100,000 Miles					2.55	2.89	2.12	1.81	
Complaints per 100,000 Boardings	5.45	4.39	3.24	3.00	2.88	3.00	2.98	3.03	0
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	15.15	13.71	11.75	13.74	12.17	13.50	Dec YTD 12.27	Dec. 16.42	0
**Div 15 Nov. '05 data excluded & Dec. Data after shake-up Division 8									
MMBCMF No. of unaddressed road calls			3,836	3,912 258*	2,944 100	3,500	3,832 0	3,305 0	
MMBTRC				1,537	1,333	1,922	1,652	1,663	$\diamond$
In-Service On-time Performance	69.12%	69.78%	68.23%	67.48%	68.50%	68.00%	68.89%	71.30%	
Bus Traffic Accidents Per 100,000 Miles					1.99	2.77	1.79	1.66	
Complaints per 100,000 Boardings	5.09	4.17	3.37	2.75	2.64	2.80	2.73	3.01	
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	19.15	16.77	13.81	16.14	15.03	15.00	Dec YTD 9.82	Dec. 15.47	•
Division 15									
MMBCMF No. of unaddressed road calls			2,996	3,420 174*	2,933 53	3,500	2,814 7	2,693 1	$\sim$
MMBTRC				1,175	1,151	1,469	1,179	1,353	$\diamond$
In-Service On-time Performance	66.62%	67.84%	63.84%**	64.41%	66.85%	67.00%	67.31%	72.54%	$\bigcirc$
Bus Traffic Accidents Per 100,000 Miles					2.98	3.00	2.36	1.92	Ó
Complaints per 100,000 Boardings	5.70	4.55	3.14	3.16	3.05	3.20	3.16	3.04	Ö
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	13.14	12.46	10.41	12.44	10.58	12.00	Dec YTD 14.42	Dec. 18.42	$\diamond$

\*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).

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

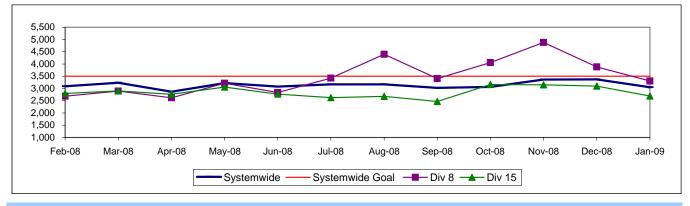
Red - High probability that the FY06 target will not be achieved -- significant problems and/or delays.

# SAN FERNANDO VALLEY SECTOR BUS SERVICE PERFORMANCE

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

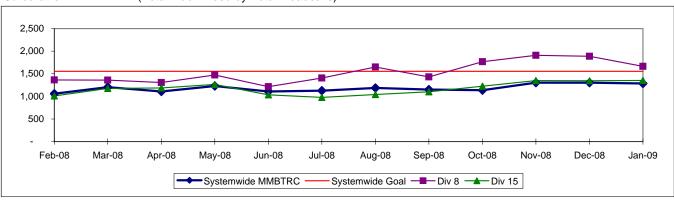
**Definition:** Average Hub Miles traveled between mechanical problems that result in a bus exchange.

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



MEAN MILES BETWEEN TOTAL ROADCALLS

Systemwide and Divisions 8 and 15

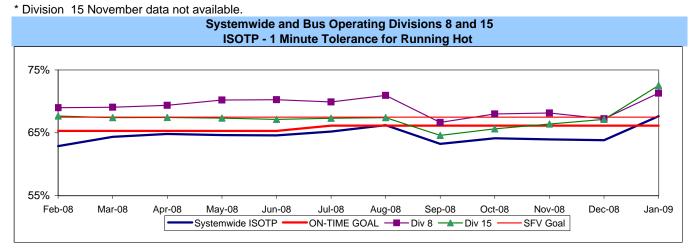


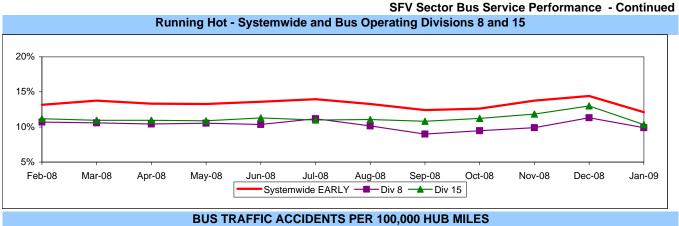
**Definition:** Average Hub Miles traveled between total raodcalls. **Calculation:** MMBMF = (Total Hub Miles / by Total Roadcalls)

#### **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))

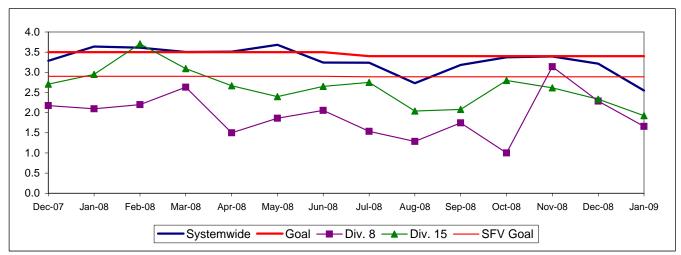




Systemwide and Bus Operating Divisions 8 and 15

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

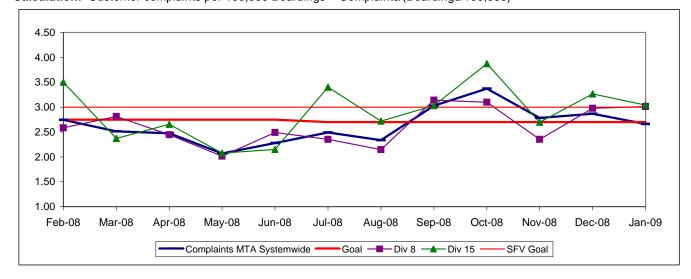
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



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)

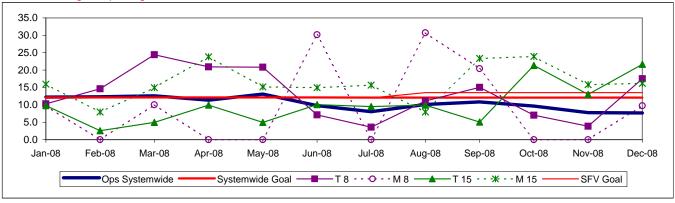
# SFV Sector Bus Service Performance - Continued

# 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)

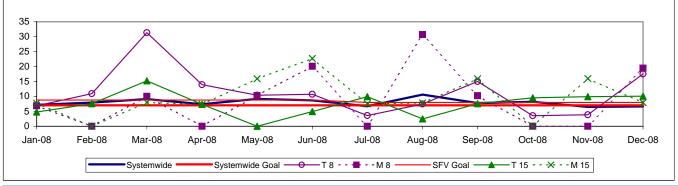
#### One month lag in reporting.



# 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.

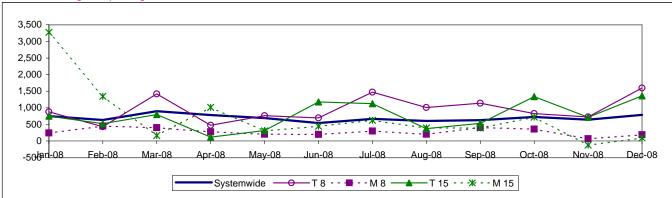


NUMBER OF LOST WORK DAYS PAID PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 8 and 15

**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)





# 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)
- \*Mean Miles Between Total Road Calls (MMBTRC)
- \* 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	FY04	FY05	FY06	FY07	FY08	FY09 Target	FY09 YTD	Jan. Month	Status
Bus Systemwide									
Mean Miles Between Mechanical Failures Requiring Bus Exchange. (MMBMF) No. of unaddressed road calls			3,274	3,532 1,116*	3,137 824	3,500	3,164 228	3,048 19	$\diamond$
Mean Miles Between Total Road Calls (MMBTRC)				1,245	1,137	1,556	1,207	1,284	$\diamond$
In-Service On-time Performance**	65.43%	66.50%	64.35%**	63.77%	64.05%	66.15%	64.89%	67.65%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles					3.47	3.40	3.09	2.55	$\circ$
Complaints per 100,000 Boardings	4.51	3.54	2.41	2.46	2.57	2.70	2.80	2.66	$\diamond$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	17.64	13.61	12.27	11.11	11.54	12.10	Dec YTD 9.03	Dec. 7.69	
SGV Sector									
MMBMF No. of unaddressed road calls			3,467	3,376 88*	3,300 133	3,500	3,370 56	3,286 3	$\diamond$
MMBTRC				1,618	1,516	2,023	1,671	1,916	$\diamond$
In-Service On-time Performance	69.98%	70.10%	68.59%	65.85%	66.83%	67%	68.78%	71.16%	$\bigcirc$
Bus Traffic Accidents Per 100,000 Miles					3.20	2.90	2.80	2.09	$\bigcirc$
Complaints per 100,000 Boardings	3.80	2.95	2.18	2.49	2.58	2.50	2.98	2.74	$\diamond$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	16.12	10.14	12.57	13.35	10.17	10.47	Dec YTD 12.55	Dec. 9.39	$\diamond$
Division 3									
MMBMF No. of unaddressed road calls			2,690	2,838 58*	2,573 45	3,500	2,527 16	2,601 2	$\diamond$
MMBTRC				1,239	1,132	1,549	1,202	1,424	$\diamond$
In-Service On-time Performance	70.80%	71.06%	70.05%	16.54%	66.83%	67%	68.72%	72.32%	$\bigcirc$
Bus Traffic Accidents Per 100,000 Miles					4.24	3.60	3.74	2.48	$\diamond$
Complaints per 100,000 Boardings	3.02	2.60	1.83	2.12	2.14	2.10	2.72	2.55	$\diamond$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	12.36	6.68	11.36	10.06	12.81	10.96	Dec YTD 10.07	Dec. 4.72	
Division 9									
MMBMF No. of unaddressed road calls			4,585	4,087 30*	4,119 88	3,500	4,387 40	4,023 1	ightarrow
MMBTRC				2,099	1,989	2,623	2,292	2,518	$\diamond$
In-Service On-time Performance	68.16%	68.16%	67.01%	12.52%	66.84%	67%	68.82%	70.12%	
Bus Traffic Accidents Per 100,000 Miles					2.46	2.40	2.15	1.82	$\bigcirc$
Complaints per 100,000 Boardings	5.09	5.09	2.61	2.24	2.98	2.90	3.24	2.93	$\diamond$
New Workers' Compensation IndemnityClaims per 200,000 Exposure Hours (1 month lag)	20.75	14.66	14.34	17.30	8.35	8.20	Dec YTD 14.91	Dec. 12.15	$\diamond$

\*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).

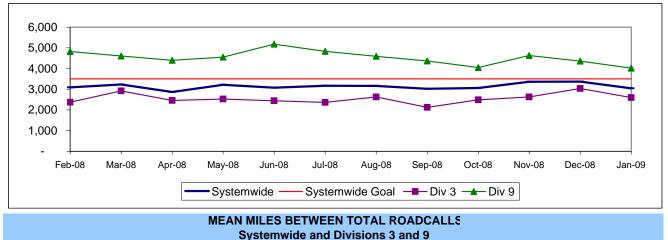
Sellow - Uncertain if the FY06 target will be achieved -- slight problems, delays or management issues.

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

# SAN GABRIEL VALLEY SECTOR BUS SERVICE PERFORMANCE

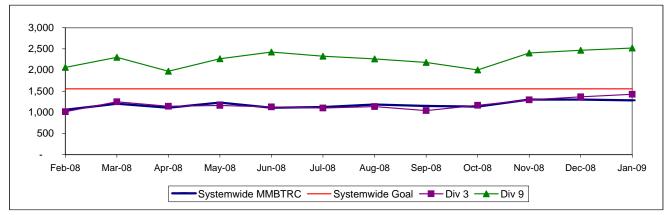
# MEAN MILES BETWEEN MECHANICAL FAILURES REQUIRING BUS EXCHANGE Systemwide and Divisions 3 and 9

**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)



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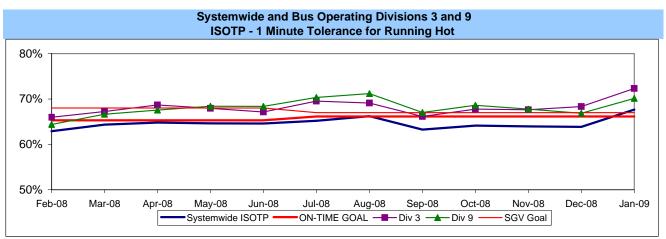
**Definition:** Average Hub Miles traveled between total roadcalls **Calculation:** MMBMF = (Total Hub Miles / by Total Roadcalls)

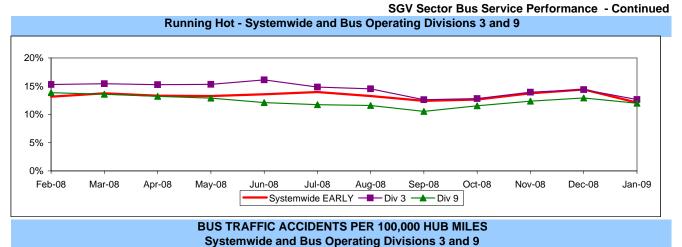


### **IN-SERVICE ON-TIME PERFORMANCE**

**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.)

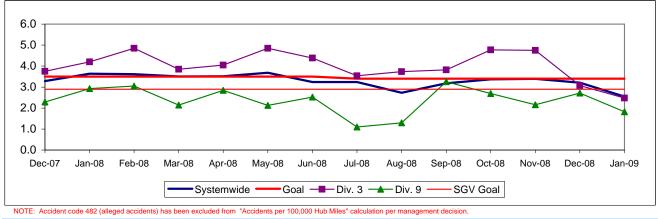
**Calculation:** ISOTP% =1-((Number of buses departing early + Number of buses departing more than five minutes late)/(Total buses sampled))





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

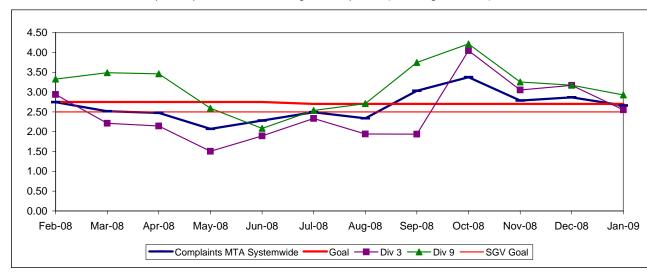
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



COMPLAINTS PER 100,000 BOARDINGS

Systemwide and Bus Operating Divisions 3 and 9

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



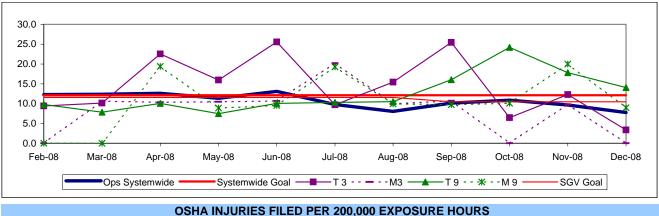
Calculation: Customer complaints per 100,000 Boardings = Complaints/(Boardings/100,000)

# SGV Sector Bus Service Performance - Continued 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.

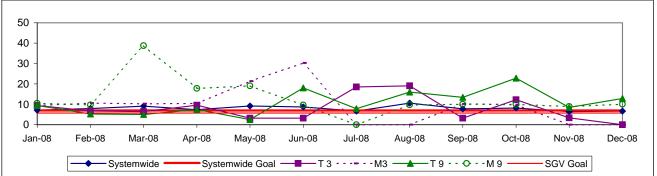
**Calculation:** New workers' compensation indemnity claims filed per 200,000 Exposure Hours = New Claims/(Exposure Hours/200,000)



One month lag in reporting.

# DSHA 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.



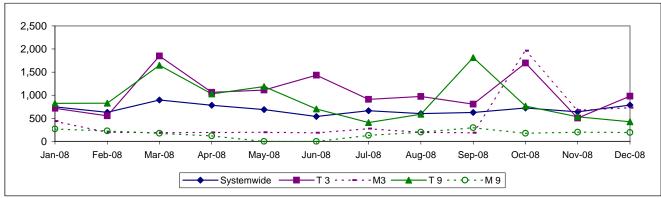
**Calculation:** New OSHA Injuries filed per 200,000 Exposure Hours = New Injuries /(Exposure Hours/200,000) One month lag in reporting.

> 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)
- \*Mean Miles Between Total Road Calls (MMBTRC)
- \* 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

						FY09	FY09	Jan.	
Measurement	FY04	FY05	FY06	FY07	FY08	Target	YTD	Month	Status
Bus Systemwide							L		
Mean Miles Between Mechanical Failures									
Requiring Bus Exchange. (MMBMF)			3.274	3,532	3,137	3,500	3,164	3,048	$\diamond$
No. of unaddressed road calls			0,271	1,116*	824	0,000	228	19	
Mean Miles Between Total Road Calls									<u>^</u>
(MMBTRC)				1,245	1,137	1,556	1,207	1,284	$\diamond$
In-Service On-time Performance	65.43%	66.50%	64.35%**	63.77%	64.05%	66.15%	64.89%	67.65%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles					3.47	3.40	3.09	2.55	$\circ$
Complaints per 100,000 Boardings	4.51	3.54	2.41	2.46	2.57	2.70	2.80	2.66	$\diamond$
New Workers' Compensation Indemnity Claims								Dee	
per 200,000 Exposure Hours (1 month lag)	17.64	13.61	12.27	11.11	11.54	12.10	Dec YTD 9.03	Dec. 7.69	$\bigcirc$
							3.00	7.03	
GC Sector									
MMBMF			2,506	3,163	2,845	3,500	2,625	2,689	$\diamond$
No. of unaddressed road calls			2,000	170*	322	,	62	2	
MMBTRC				995	960	1,244	1,140	1,205	<u> </u>
In-Service On-time Performance	69.34%	71.20%	71.73%	68.01%	68.09%	70.00%	70.84%	74.17%	<u> </u>
Bus Traffic Accidents Per 100,000 Miles					3.52	3.50	3.23	2.99	$\bigcirc$
Complaints per 100,000 Boardings	3.08	2.58	1.69	1.78	1.91	2.00	1.92	2.09	$\bigcirc$
New Workers' Compensation Indemnity Claims							Dec. YTD	Dec.	~
per 200,000 Exposure Hours (1 month lag)	20.19	14.11	11.45	10.27	10.56	10.55	8.27	9.93	$\bigcirc$
Division 1							0.504	0 = 10	_
MMBMF No. of unaddressed road calls			2,409	3,757 138*	2,960 311	3,500	2,504 53	2,512 0	$\diamond$
MMBTRC				932	908	1 105			~
In-Service On-time Performance	70 570/	74 600/	71.000/			1,165	1,082	1,108	$\overline{}$
Bus Traffic Accidents Per 100,000 Miles	70.57%	71.62%	71.06%	68.02%	67.55%	70.00%	69.82%	72.74%	$\overline{}$
Complaints per 100,000 Boardings	0.00	0.00	4.00	1.00	3.41	3.50	3.09	3.07	<u> </u>
	3.32	2.92	1.92	1.89	1.90	2.00	1.83	2.33	
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	16 92	10 71	10.02	0 1 0	7 50	10 55	Dec. YTD	Dec.	
per 200,000 Exposure riours (1 month lag)	16.82	12.71	10.92	8.48	7.59	10.55	8.32	12.70	$\mathbf{\bullet}$
Division 2									
MMBMF				2,598	2,707		2,800	2,960	$\diamond$
No. of unaddressed road calls			2,660	32*	,. 01	3,500	2,000	2,000	~
MMBTRC				1,097	1,039	1,371	1,225	1,361	$\diamond$
In-Service On-time Performance	67.62%	70.42%	72.71%	67.99%	68.60%	70.00%	71.64%	75.24%	Ó
Bus Traffic Accidents Per 100,000 Miles					3.67	3.50	3.41	2.88	Ŏ
Complaints per 100,000 Boardings	2.84	2.15	1.42	1.64	1.93	2.00	2.02	1.83	$\overline{\diamond}$
New Workers' Compensation Indemnity Claims	2.01	0				2.00			~
per 200,000 Exposure Hours (1 month lag)	24.56	16.69	12.97	13.36	14.82	10.55	Dec. YTD	Dec.	$\bigcirc$
							8.51	7.55	-

\*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.

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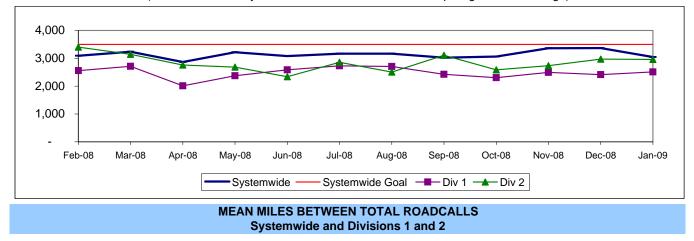
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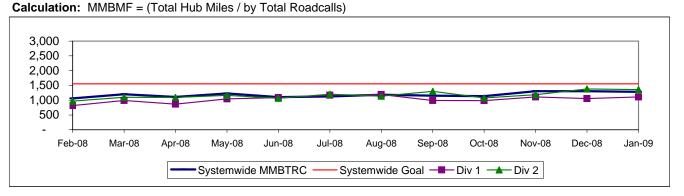
# GATEWAY CITIES SECTOR BUS SERVICE PERFORMANCE

# 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)

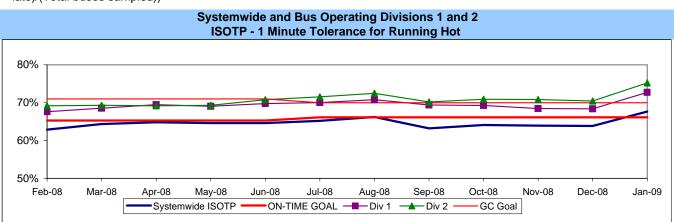


Definition: Average Hub Miles Between Total Roadcalls

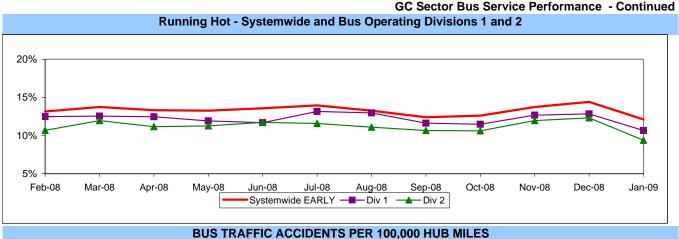


#### **IN-SERVICE ON-TIME PERFORMANCE**

**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.)



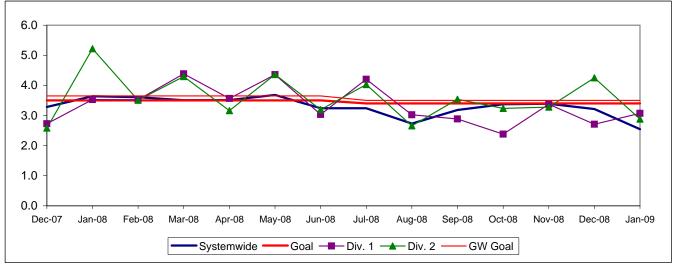
**Calculation:** ISOTP% =1-((Number of buses departing early + Number of buses departing more than five minutes late)/(Total buses sampled))



Systemwide and Bus Operating Divisions 1 and 2

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

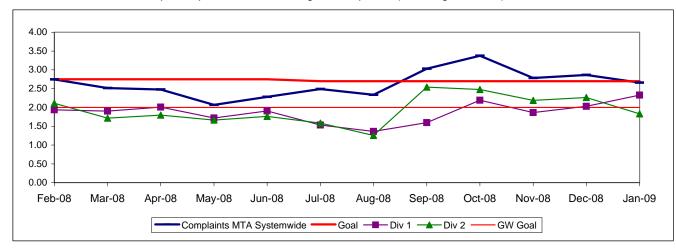
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))



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)

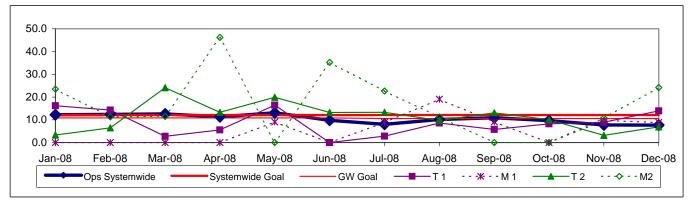
# GC Sector Bus Service Performance - Continued

# 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.

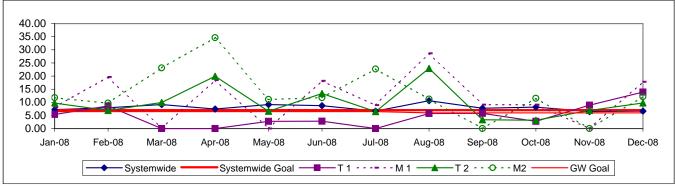
**Calculation:** New workers' compensation indemnity claims filed per 200,000 Exposure Hours = New Claims/(Exposure Hours/200,000)

### 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.



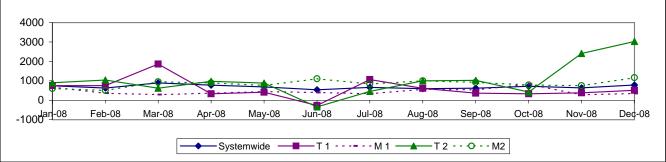
**Calculation:** New OSHA Injuries filed per 200,000 Exposure Hours = New Injuries /(Exposure Hours/200,000) One month lag in reporting.

> 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)
- \*Mean Miles Between Total Road Calls (MMBTRC)
- \* 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

						FY09	FY09	Jan.	
Measurement	FY04	FY05	FY06	FY07	FY08	Target	YTD	Month	Status
Bus Systemwide									
Mean Miles Between Mechanical Failures									
Requiring Bus Exchange. (MMBMF)			3,274	3,532	3,137	3,500	3,164	3,048	$\diamond$
No. of unaddressed road calls			-,	1,116*	824	-,	228	19	÷
Mean Miles Between Total Road Calls				1 045	1 1 2 7	1 550	1 207	1 204	$\wedge$
(MMBTRC)				1,245	1,137	1,556	1,207	1,284	$\overline{}$
In-Service On-time Performance**	65.43%	66.50%	64.35%**	63.77%	64.05%	66.15%	64.89%	67.65%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles					3.47	3.40	3.09	2.55	$\bigcirc$
Complaints per 100,000 Boardings	4.51	3.54	2.41	2.46	2.57	2.70	2.80	2.66	$\diamond$
New Workers' Compensation Indemnity							Dec YTD	Dec.	
Claims per 200,000 Exposure Hours (1 month	17.64	13.61	12.27	11.11	11.54	12.10	9.03	7.69	$\bigcirc$
lag) **Div 15 Nov. '05 data excluded & Dec. Data after shake-up									
SB Sector									
MMBMF				3,826	3,427		3,373	3,161	
No. of unaddressed road calls			3,688	231*	100	3,500	32	6	$\checkmark$
MMBTRC				1,273	1,117	1,591	1,113	1,134	$\diamond$
In-Service On-time Performance	61.74%	64.13%	59.05%	62.39%	62.03%	62.00%	61.63%	63.17%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles					3.86	4.00	3.44	2.65	Ó
Complaints per 100,000 Boardings	4.63	3.61	2.49	2.51	2.56	3.00	3.00	2.97	Ŏ
New Workers' Compensation Indemnity								D	•
Claims per 200,000 Exposure Hours (1 month	14.84	14.65	13.85	10.81	15.18	13.50	Dec. YTD 8.88	Dec. 5.90	$\bigcirc$
lag)							0.00	0.90	
Division 5									
MMBMF			3,656	3,580	3,227	3,500	3,249	3,395	$\diamond$
No. of unaddressed road calls			0,000	57*	26	0,000	11	0	
MMBTRC				1,459	1,130	1,824	1,300	1,548	$\diamond$
In-Service On-time Performance	63.17%	65.58%	61.85%	63.83%	63.35%	62.00%	63.82%	65.00%	<u> </u>
Bus Traffic Accidents Per 100,000 Miles					5.11	4.00	4.13	3.94	$\diamond$
Complaints per 100,000 Boardings	3.45	2.71	1.87	1.71	1.46	3.00	1.68	2.00	$\bigcirc$
New Workers' Compensation Indemnity							Dec YTD	Dec.	
Claims per 200,000 Exposure Hours (1 month	15.22	18.72	14.68	14.89	15.96	13.50	11.33	11.78	$\bigcirc$
lag)									
Division 18									
MMBMF			3,712	4,008	3,563	3,500	3,458	3,030	
No. of unaddressed road calls			0,712	214*	74	,	21	6	
MMBTRC				1,174	1,109	1,468	1,019	970	$\diamond$
In-Service On-time Performance	60.78%	63.42%	57.31%	61.19%	60.88%	62.00%	59.61%	61.48%	<u> </u>
Bus Traffic Accidents Per 100,000 Miles					3.08	4.00	2.99	1.83	0
Complaints per 100,000 Boardings	5.74	4.44	3.07	3.29	3.72	3.00	4.49	4.07	$\diamond$
New Workers' Compensation Indemnity							Dec. YTD	Dec.	
Claims per 200,000 Exposure Hours (1 month	14.71	11.67	13.63	8.50	14.70	13.50	7.04	1.81	$\bigcirc$
lag)									

\*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).

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

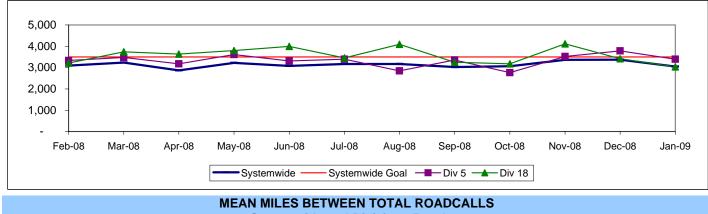
Red - High probability that the FY06 target will not be achieved -- significant problems and/or delays.

# SOUTH BAY SECTOR BUS SERVICE PERFORMANCE

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

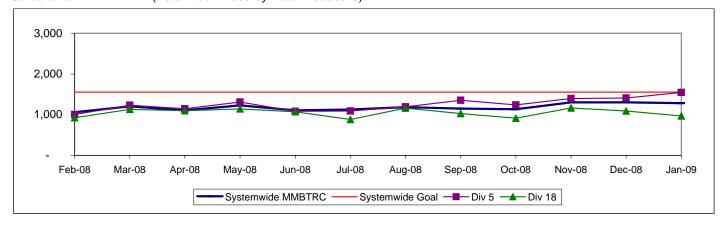
**Definition:** Average Hub Miles traveled between mechanical problems that result in a bus exchange.

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



Systemwide and Divisions 5 and 18

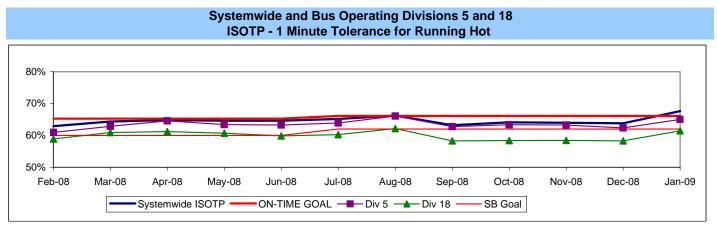
**Definition:** Average Hub Miles traveled between total roadcalls. **Calculation:** MMBMF = (Total Hub Miles / by Total Roadcalls)

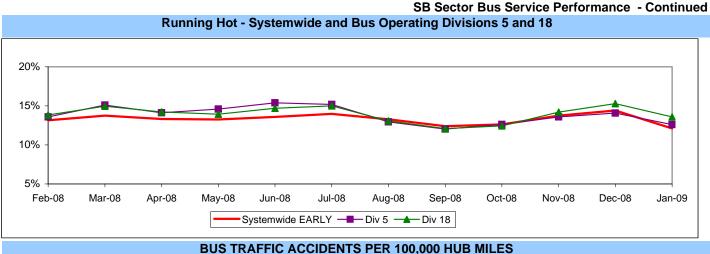


# **IN-SERVICE ON-TIME PERFORMANCE**

**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))

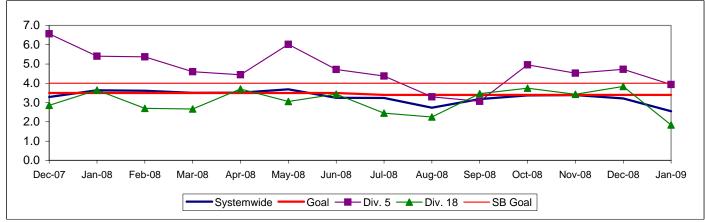




Systemwide and Bus Operating Divisions 5 and 18

**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))

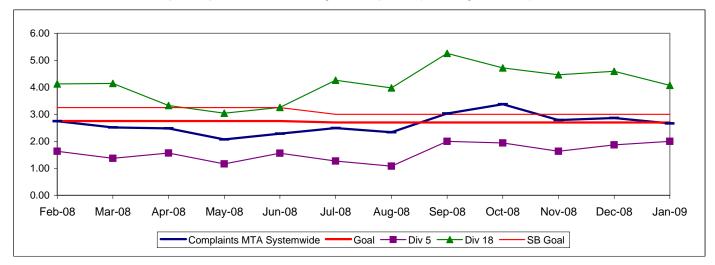


NOTE: Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision.

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

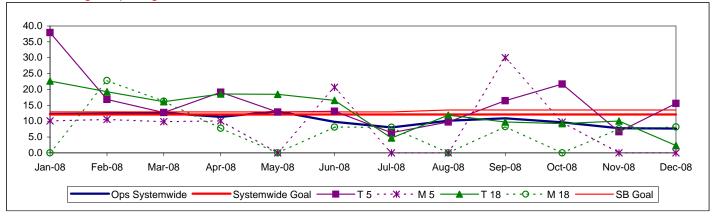


#### SB Sector Bus Service Performance - Continued NEW WORKERS' COMPENSATION INDEMNITY CLAIMS FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 5 and 18

**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)

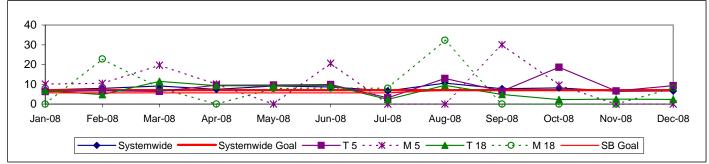
# One month lag in reporting.



# 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.

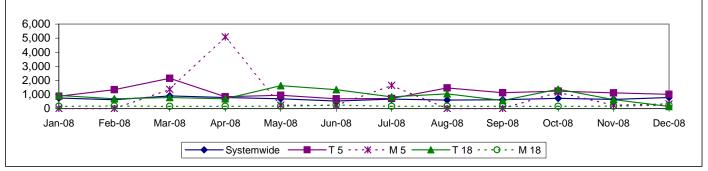


## NUMBER OF LOST WORK DAYS PAID PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 5 and 18

**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)
- \*Mean Miles Between Total Road Calls (MMBTRC)
- \* 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	FY04	FY05	FY06	FY07	FY08	FY09 Target	FY09 YTD	Jan. Month	Status
Bus Systemwide									
Mean Miles Between Mechanical Failures									
Requiring Bus Exchange. (MMBMF)			3,274	3,532	3,137	3,500	3,164	3,048	$\diamond$
No. of unaddressed road calls			,	1,116*	824	,	228	19	
Mean Miles Between Total Road Calls				1,245	1 1 2 7	1,556	1,207	1,284	$\frown$
(MMBTRC)				1,245	1,137	1,556	1,207	1,204	<u> </u>
In-Service On-time Performance	65.43%	66.50%	64.35%**	63.77%	64.05%	66.15%	64.89%	67.65%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles					3.47	3.40	3.09	2.55	$\bigcirc$
Complaints per 100,000 Boardings	4.51	3.54	2.41	2.46	2.57	2.70	2.80	2.66	$\diamond$
New Workers' Compensation Indemnity							Dec YTD	Dec.	
Claims per 200,000 Exposure Hours (1 month lag)	17.64	13.61	12.27	11.11	11.54	12.10	9.03	7.69	$\bigcirc$
WC Sector									
MC Sector MMBMF				2 654	2 04 0		2 240	2 404	$\diamond$
No. of unaddressed road calls			3,499	3,651 155*	3,213 116	3,500	3,310 71	3,194 7	$\checkmark$
MMBTRC				1,152	1,001	1,439	981	1,025	$\diamond$
In-Service On-time Performance	63.31%	63.39%	60.82%	57.59%	56.72%	60.00%	59.03%	62.24%	$\overline{\diamond}$
Bus Traffic Accidents Per 100,000 Miles	03.31%	03.39%	00.02%	51.59%	4.25	4.00	59.03% 3.90	62.24%	$\overline{}$
Complaints per 100,000 Boardings	E 20	4 40	0 50	0.60					$\overline{\diamond}$
New Workers' Compensation	5.30	4.10	2.53	2.66	2.97	3.00	3.05	2.52	$\checkmark$
IndemnityClaims per 200,000 Exposure Hours	21.52	18.80	14.61	12.99	13.41	13.00	Dec YTD	Dec.	
(1 month lag)	21.02	10.00	14.01	12.33	10.41	13.00	8.991	5.17	$\bullet$
Division 6									
MMBMF			6,279	4,456	3,756	3,500	5,706	10,100	$\bigcirc$
No. of unaddressed road calls			0,210	30*	32		6	2	
MMBTRC				1,063	899	1,329	1,181	1,368	$\underline{\diamond}$
In-Service On-time Performance	60.11%	56.75%	57.20%	53.28%	53.12%	60.00%	54.54%	56.38%	$\sim$
Bus Traffic Accidents Per 100,000 Miles					3.86	4.00	3.57	1.52	$\sim$
Complaints per 100,000 Boardings	6.15	4.47	2.52	2.10	2.70	3.00	3.97	2.08	$\diamond$
New Workers' Compensation							Dec YTD	Dec.	
IndemnityClaims per 200,000 Exposure Hours (1 month lag)	21.71	18.23	16.43	15.02	11.77	13.00	10.01	9.10	$\bigcirc$
Division 7									
MMBMF				3,468	3,327		3,505	3,547	
No. of unaddressed road calls			2,947	64*	84	3,500	65	5	$\sim$
MMBTRC				1,118	981	1,397	989	1,042	$\diamond$
In-Service On-time Performance	64.59%	64.22%	61.78%	58.01%	57.66%	60.00%	59.48%	63.03%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles					4.10	4.00	4.05	3.43	$\diamond$
Complaints per 100,000 Boardings	5.70	4.24	2.87	2.98	3.00	3.00	3.07	2.79	$\diamond$
New Workers' Compensation Indemnity									*
Claims per 200,000 Exposure Hours (1 month	21.05	19.44	15.76	12.09	13.42	13.00	Dec YTD	Dec.	$\bigcirc$
lag)							9.38	6.09	
Division 10									
Division 10				0 700	0.000			0.00-	~
MMBMF No. of unaddressed road calls			3,723	3,702	3,028	3,500	2,924	2,685	$\diamond$
MMBTRC				61*	0	1 400	0	076	$\sim$
	60.050/	64 4 40/	60 700/	1,197	1,044	1,496	942	976	$\rightarrow$
In-Service On-time Performance	62.85%	64.14%	60.73%	58.61%	56.63%	60.00%	59.44%	62.12%	$\rightarrow$
Bus Traffic Accidents Per 100,000 Miles					4.47	4.00	3.84	3.39	
Complaints per 100,000 Boardings	4.85	3.92	2.23	2.48	2.99	3.00	2.89	2.31	$\bigcirc$
New Workers' Compensation Indemnity	00.05	3.74	3.80	4 4 9 5	4 + <del>-</del>	40.00	Dec. YTD	Dec.	
Claims per 200,000 Exposure Hours (1 month	22.90	114	1	14.02	14.74	13.00	8.81	3.84	$\mathbf{\bullet}$
lag)			-						

\*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).

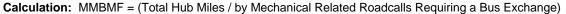
Cellow - Uncertain if the FY06 target will be achieved -- slight problems, delays or management issues.

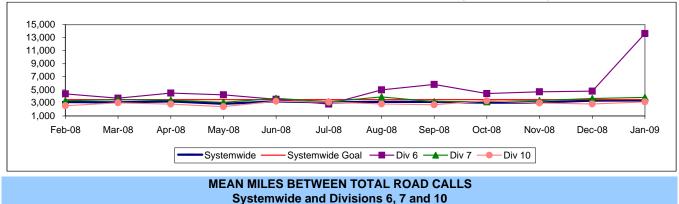
Red - High probability that the FY06 target will not be achieved -- significant problems and/or delays.

# WESTSIDE / CENTRAL SECTOR BUS SERVICE PERFORMANCE

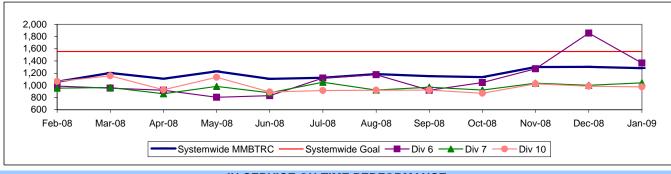
# MEAN MILES BETWEEN MECHANICAL FAILURES REQUIRING BUS EXCHANGE Systemwide and Divisions 6, 7 and 10

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





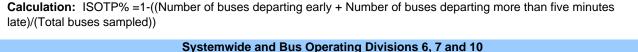
**Definition:** Average Hub Miles traveled between total road calls.

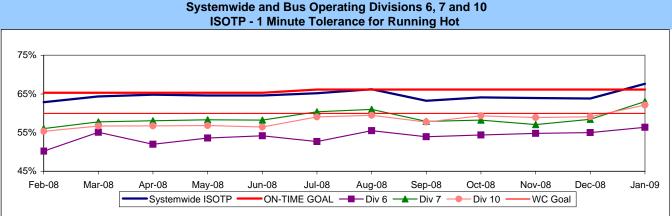


**Calculation:** MMBMF = (Total Hub Miles / by Total Roadcalls)

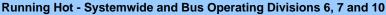
#### IN-SERVICE ON-TIME PERFORMANCE

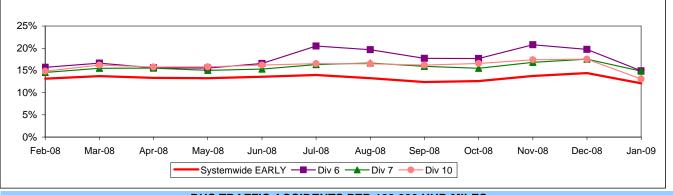
**Definition:** This performance indicator measures the percentage of scheduled buses that depart selected time points no more than 1 minute early and no more than five minutes later than scheduled. (Excludes Rapid buses)







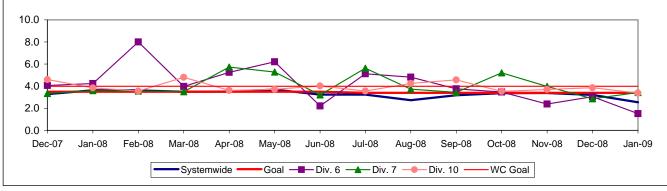




## BUS TRAFFIC ACCIDENTS PER 100,000 HUB MILES Systemwide and Bus Operating Divisions 6, 7 and 10

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

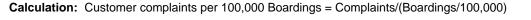
Calculation: Traffic Accidents Per 100,000 Hub Miles = (The number of Traffic Accidents / by (Hub Miles / by 100,000))

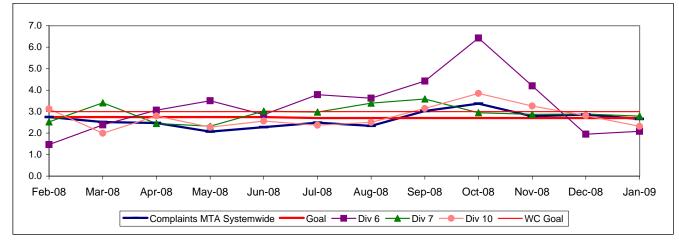


NOTE: Accident code 482 (alleged accidents) has been excluded from \*Accidents per 100,000 Hub Miles\* calculation per management decision.

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.





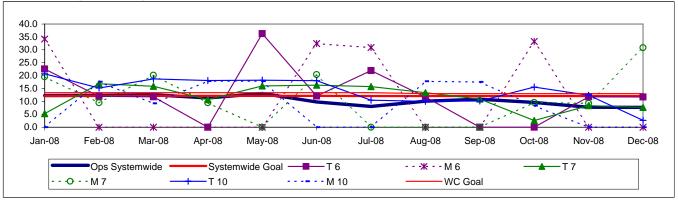
# WC Sector Bus Service Performance - Continued

# 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.

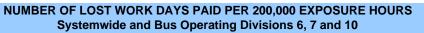


# OSHA INJURIES FILED PER 200,000 EXPOSURE HOURS Systemwide and Bus Operating Divisions 6, 7 and 10

**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.

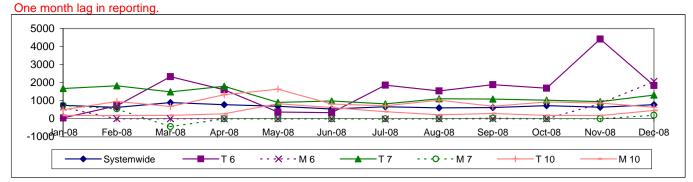
80 40 0 = Feb-08 Mar-08 Apr-08 May-08 Jun-08 Jul-08 Sep-08 Nov-08 Dec-08 Jan-08 Aug-08 Oct-08 Systemwide Goal **—**— T 6 --- <del>X</del> -- M 6 Systemwide 4 -T 7 --- •• -- M 7 M 10 WC Goal T 10

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



**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

						FY09	FY09	Jan.	
Measurement	FY04	FY05	FY06	FY07	FY08	Target	YTD	Month	Status
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	11.59	9.32	11.56	8.08	11.24	10.00	Dec. YTD 5.22	Dec. 3.22	ightarrow
Metro Red Line (MRL)									
On-Time Pullouts	99.71%	99.94%	99.61%	99.76%	99.79%	99.00%	99.94%	100%	$\bigcirc$
Mean Miles Between Chargeable Mechanical Failures	12,793	11,759	19,587	17,260	26,743	25,000	36,153	28,851	ightarrow
In-Service On-time Performance*					99.13%	99.00%	99.29%	99.33%	$\bigcirc$
Traffic Accidents Per 100,000 Train Miles	0	0.22	0.22	0	0.30	0.14	0.12	0.00	$\bigcirc$
Complaints per 100,000 Boardings	1.17	1.13	0.66	0.41	0.50	0.50	0.41	0.26	$\bigcirc$
Metro Blue Line (MBL)									
On-Time Pullouts	99.94%	99.73%	99.76%	99.72%	99.62%	99.00%	99.70%	99.43%	0
Mean Miles Between Chargeable Mechanical Failures	10,365	16,273	26,774	35,125	31,278	25,000	28,917	49,700	0
In-Service On-time Performance*					98.81%	99.00%	98.44%	98.63%	$\diamond$
Traffic Accidents Per 100,000 Train Miles	1.36	0.64	0.96	1.35	1.65	0.50	1.43	1.42	$\diamond$
Complaints per 100,000 Boardings	0.97	0.98	0.78	0.53	0.64	0.73	0.53	0.47	$\bigcirc$
Metro Green Line (MGrL)									
On-Time Pullouts	99.78%	99.91%	99.97%	99.54%	99.80%	99.00%	99.91%	100%	$\bigcirc$
Mean Miles Between Chargeable Mechanical Failures	11,337	12,558	20,635	27,471	36,727	25,000	16,949	9,450	$\diamond$
In-Service On-time Performance*					99.07%	99.00%	98.74%	98.82%	$\diamond$
Traffic Accidents Per 100,000 Train Miles	0.08	0.00	0	0	0.00	0.50	0	0	$\bigcirc$
Complaints per 100,000 Boardings	1.37	1.39	0.92	0.72	0.81	0.73	1.00	0.21	$\diamond$
Metro Gold Line (MGoL)									
On-Time Pullouts	100%	99.85%	99.97%	99.95%	99.95%	99.00%	100%	100%	$\bigcirc$
Mean Miles Between Chargeable Mechanical Failures	8,938	16,571	23,329	22,775	39,521	25,000	24,690	15,955	$\diamondsuit$
In-Service On-time Performance*					98.86%	99.00%	99.41%	99.33%	$\bigcirc$
Traffic Accidents Per 100,000 Train Miles	0.25	0.23	0.12	0.23	0.43	0.50	0.17	0.00	$\bigcirc$
Complaints per 100,000 Boardings	3.81	2.85	2.71	1.88	1.57	0.73	1.57	1.57	$\diamond$

\*Effective December, ISOTP calculated differently. Green - High probability of achieving the FY06 target (on track).

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

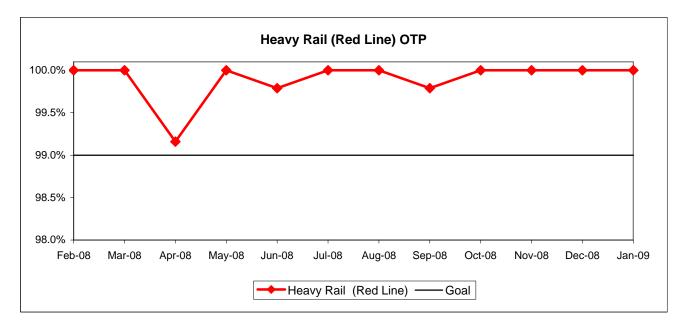
Red - High probability that the FY06 target will not be achieved -- significant problems and/or delays.

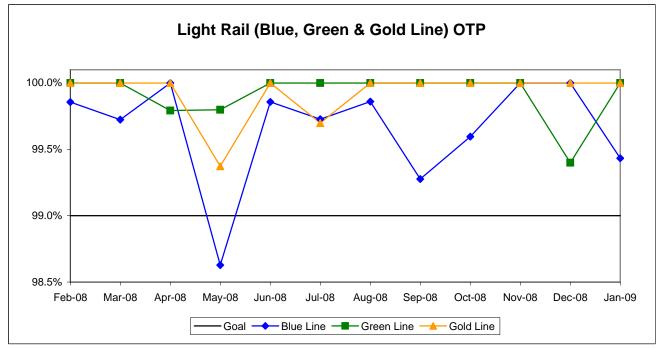
# **RAIL SERVICE PERFORMANCE**

# **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)]

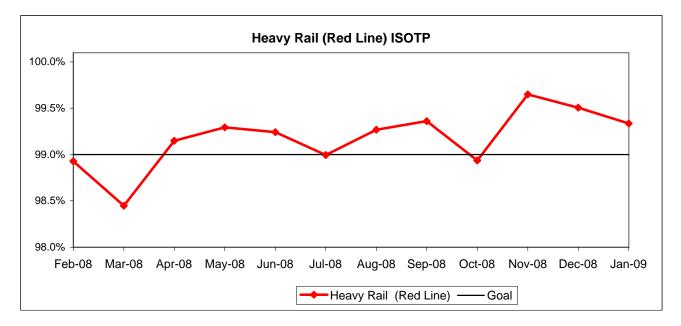


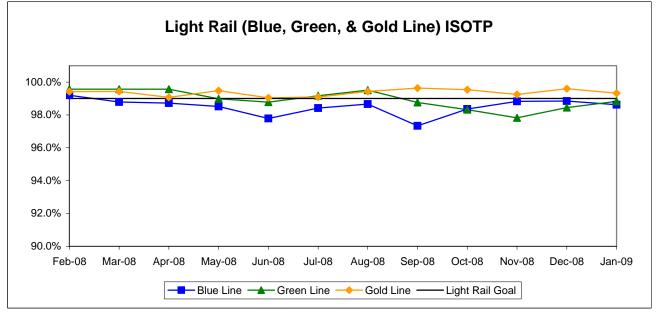


# **IN-SERVICE ON-TIME PERFORMANCE (ISOTP)**

**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.

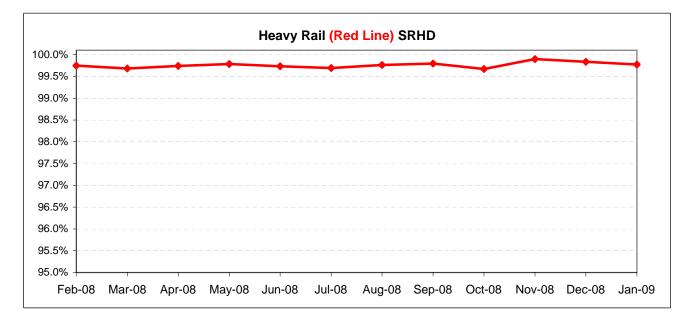
**Calculation:** ISOTP% = [(100% minus [(Total runs in which a train left any timecheck point either late or early) / by Total scheduled runs) X by 100)]

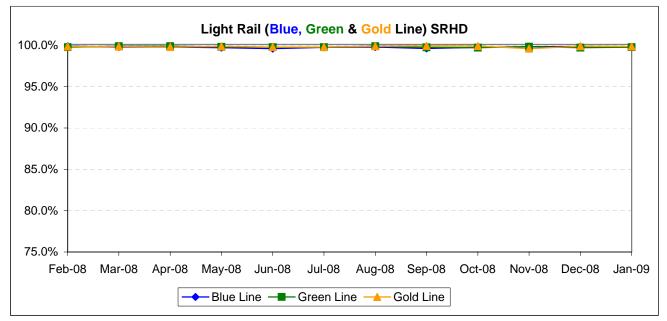




# Scheduled Revenue Hours Delivered (SRHD) by Rail Line

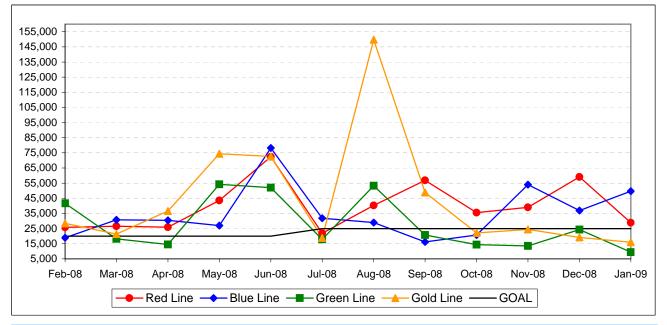
**Definition:** This performance indicator measures the percentage of scheduled Revenue Service Hours delivered after subtracting cancellations, outlates and in-service delays. **Calculation:** SRSHD% = (1-(Total Service Hours Lost / by Total Scheduled Service Hours))





# 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.

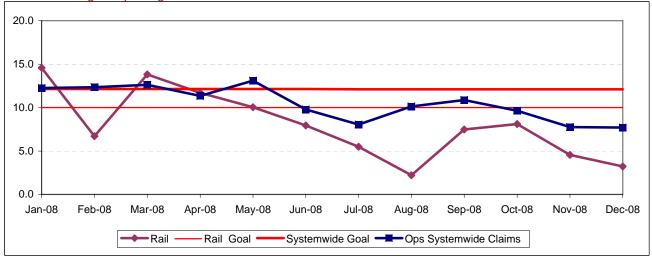


**Calculation:** MVMBRVF = Total Vehicle Miles / Revenue Vehicle Systems Failures

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

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

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



One month lag in reporting.

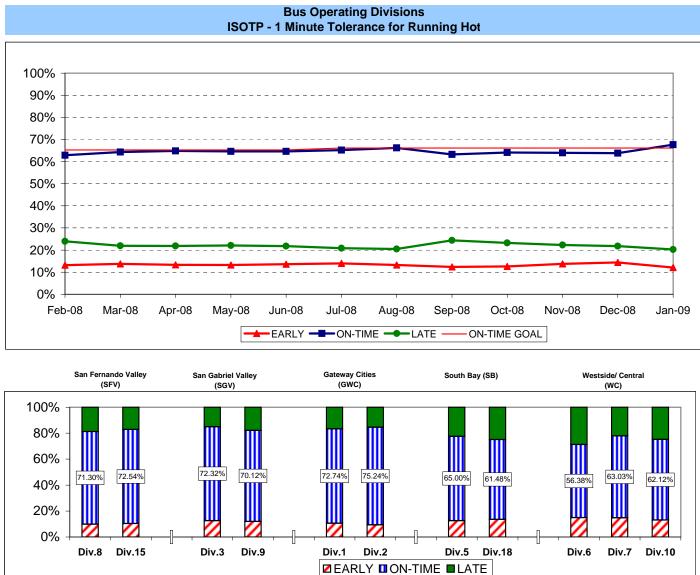
# **BUS SERVICE PERFORMANCE**

**IN-SERVICE ON-TIME PERFORMANCE** 

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



# **ISOTP By Sectors' Divisions**

			0-Date Col								
	FY08	FY09-YTD	Variance								
San Fernando Valley	Sector (SF	V)									
Division 8											
Early	11.24%	10.11%	-1.13%								
On-Time	68.50%	68.89%	0.39%								
Late	20.26%	21.00%	0.74%								
Division 15											
Early	11.26%	11.32%	0.06%								
On-Time	66.85%	67.31%	0.45%								
Late	21.88%	21.38%	-0.51%								
Gateway Cities Sector	Gateway Cities Sector (GWC)										
Division 1											
Early	12.77%	12.20%	-0.56%								
On-Time	67.55%	69.82%	2.28%								
Late	19.69%	17.97%	-1.71%								
Division 2											
Early	11.94%	11.10%	-0.84%								
On-Time	68.60%	71.64%	3.05%								
Late	19.47%	17.26%	-2.21%								
South Bay Sector (S	B)										
Division 5											
Early	14.08%	13.28%	-0.80%								
On-Time	63.35%	63.82%	0.48%								
Late	22.57%	22.89%	0.32%								
Division 18											
Early	14.42%	13.66%	-0.76%								
On-Time	60.88%	59.61%	-1.27%								
Late	24.70%	26.74%	2.04%								

# Year-to-Date Compared To Last Year

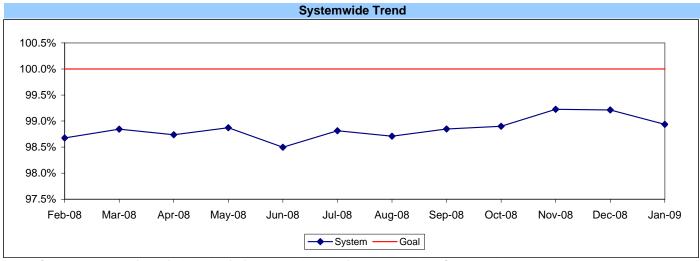
	FY08	FY09-YTD	Variance
San Gabri	el Valley Sec		
Division 3			
Early	15.37%	13.66%	-1.71%
On-Time	66.83%	68.72%	1.89%
Late	17.81%	17.62%	-0.18%
Division 9			
Early	12.92%	11.79%	-1.13%
On-Time	66.84%	68.82%	1.99%
Late	20.24%	19.39%	-0.85%
Westside/	Central Sect	or (WC)	
Division 6			
Early	16.78%	18.88%	2.10%
On-Time	53.12%	54.54%	1.42%
Late	30.10%	26.58%	-3.52%
Division 7			
Early	14.80%	16.21%	1.41%
On-Time	57.66%	59.48%	1.82%
Late	27.54%	24.31%	-3.23%
Division 10			
Early	16.30%	16.22%	-0.08%
On-Time	56.63%	59.44%	2.81%
Late	27.07%	24.34%	-2.73%

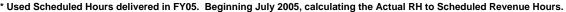
SYSTEMWI	DE		
Early	13.55%	13.21%	-0.34%
On-Time	64.05%	64.89%	0.84%
Late	22.40%	21.91%	-0.50%

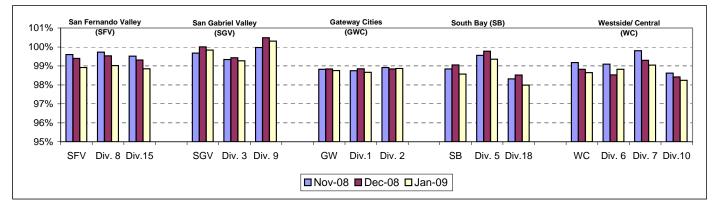
# **ACTUAL TO SCHEDULED REVENUE HOURS DELIVERED\***

**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.





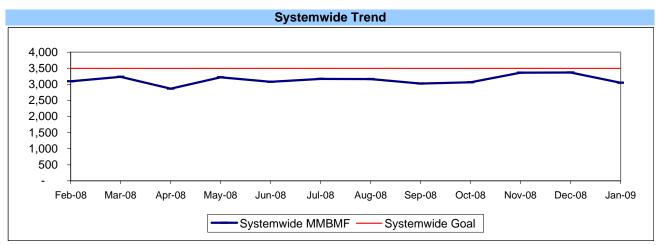


# **BUS MAINTENANCE PERFORMANCE**

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

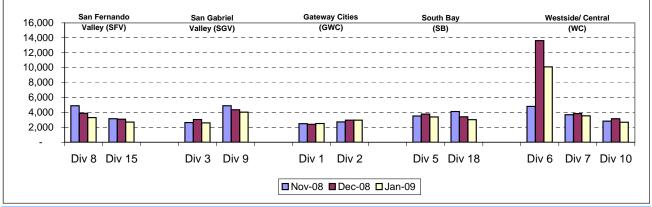
Definition: Average Hub Miles traveled between mechanical problems that result in a bus exchange.

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



\* New Indicator.

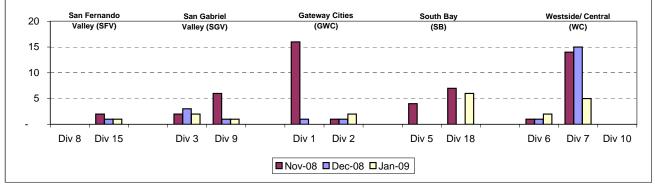
# MMBMBF -- Bus Operating Sector Divisions November 2008 - January 2009



Unaddressed Road Calls -- Bus Operating Sector Divisions\* November 2008 - January 2009

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

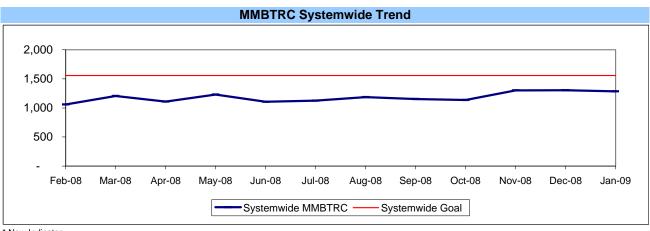
Calculation: Unaddressed Road Calls = Total number of road calls that have not been assigned.



\* New Indicator.

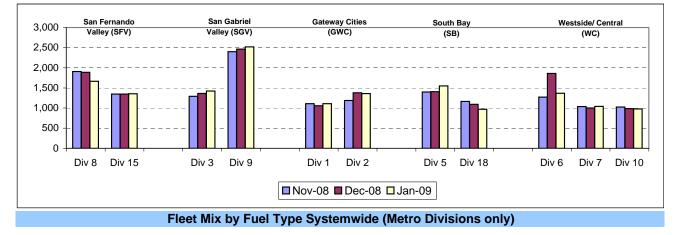
#### Bus Maintenance Performance - Continued MEAN MILES BETWEEN TOTAL ROAD CALLS (MMBTRC)\*

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



\* New Indicator.

# MMBTRC --Bus Operating Sector Divisions November 2008 - January 2009



	Number of Buses	Percent of Buses
CNG	2,437	91.17%
Hybrid	2	0.07%
Diesel	141	5.27%
Gasoline	59	2.21%
Propane	34	1.27%
Total	2,673	100.00%

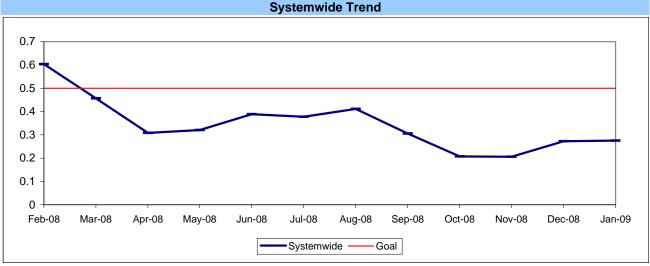
# Average Age of Fleet by Sectors' Divisions

	SFV	SGV		GWC		SB	
Div 8	Div 15	Div 3	Div 9	Div 1	Div 2	Div 5	Div 18
9.9	7.8	7.6	6.9	6.8	7.0	6.6	8.0

	WC	
Div 6	Div 7	Div 10
14.1	7.4	6.8

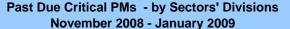
# PAST DUE CRITICAL PREVENTIVE MAINTENANCE PROGRAM JOBS (PMP's)

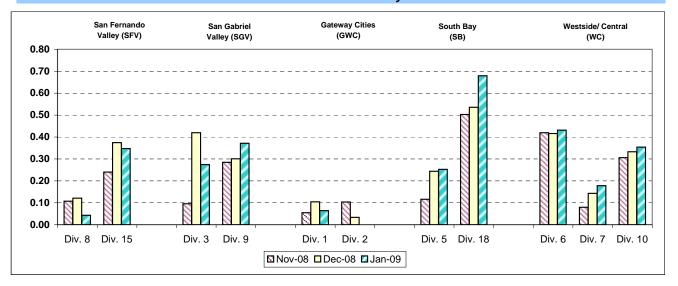
**Definition:** Average past due critical scheduled preventive maintenance jobs per bus. This indicator measures maintenance management's ability to prioritize and perform critical repairs and indicates the general maintenance condition of the fleet.



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.

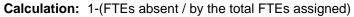


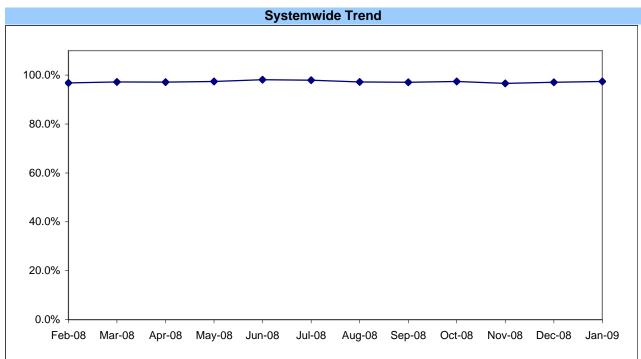


# ATTENDANCE

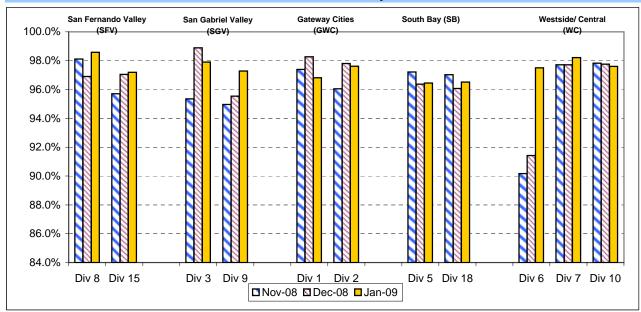
# MAINTENANCE ATTENDANCE

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





# Maintenance Attendance - By Sectors' Divisions (By Current Month) November 2008 - January 2009



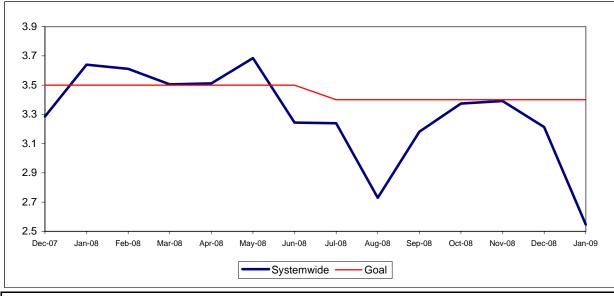
# SAFETY PERFORMANCE

# **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))

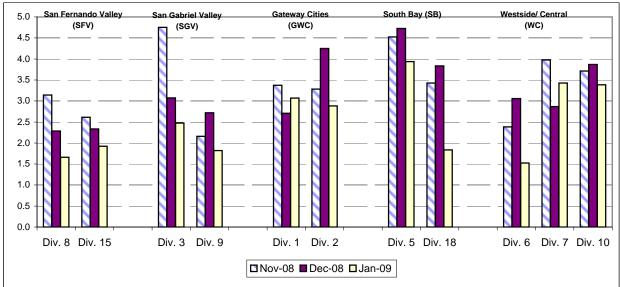
NOTE: As of Aug. '07, Accident code 482 (alleged accidents) has been excluded from "Accidents per 100,000 Hub Miles" calculation per management decision. Systemwide Trend



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.

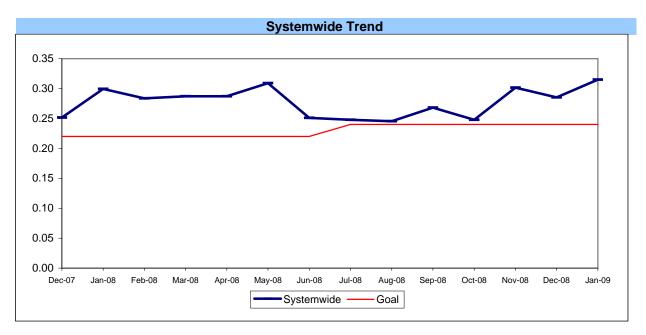




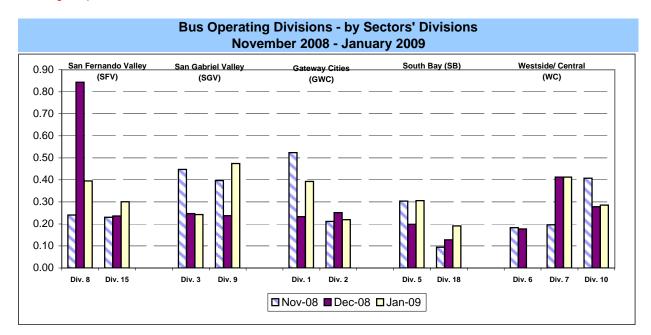
# Safety Performance Continued BUS PASSENGER ACCIDENTS PER 100,000 BOARDINGS

**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))



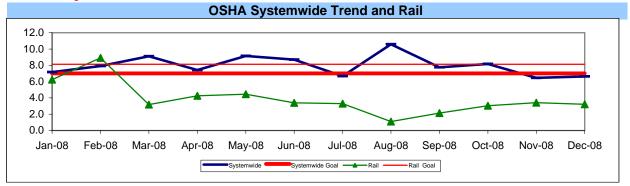
Note: The thirteen months prior to the reporting month are re-examined each month to allow for reclassification of accidents and late filing of reports.



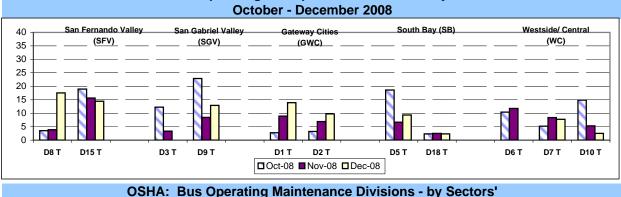
# Safety Performance Continued OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) RECORDABLE INJURIES PER 200,000 EXPOSURE HOURS

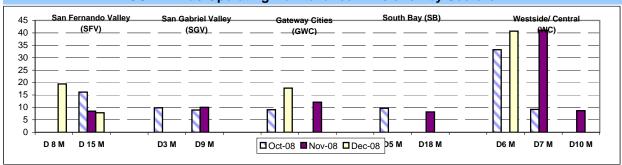
Definition: Work-related injuries and illnesses that result in: death, loss of consciousness, days away from work, restricted work activity or job transfer, or medical treatment beyond first aid. Calculation: Number of OSHA Injuries/Illnesses Filed / (Exposure Hours / 200,000)

One month lag from current month



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.





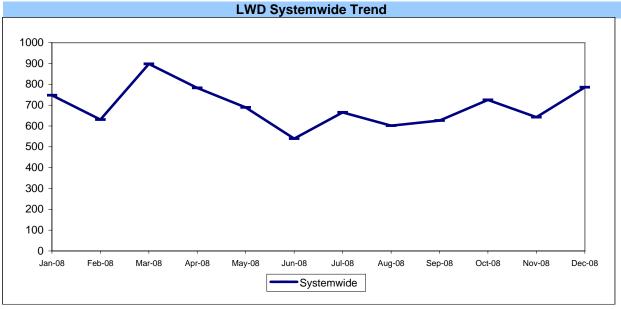
# **OSHA: Bus Operating Transportation Divisions - by Sectors'**

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

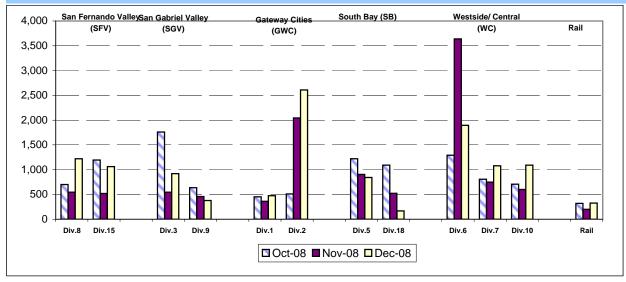
**Definition:** Number of paid working days lost due to employees workers' compensation injuries each month per 200,000 exposure hours..

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

One month lag from current month



# LWD/200,000 Exposure Hours per Operating Divisions - by Sectors' Divisions October - December 2008

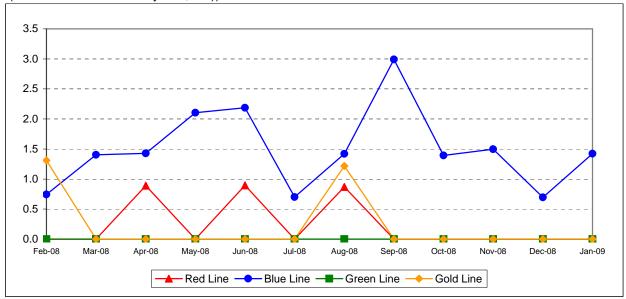


# **Safety Performance Continued**

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.

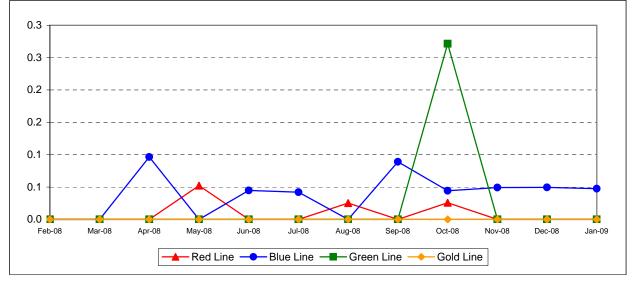
**Calculation:** Rail Accidents Per 100,000 Revenue Train Miles = (The number of Rail Accidents / by (Revenue Train Miles / by 100,000))



# **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))

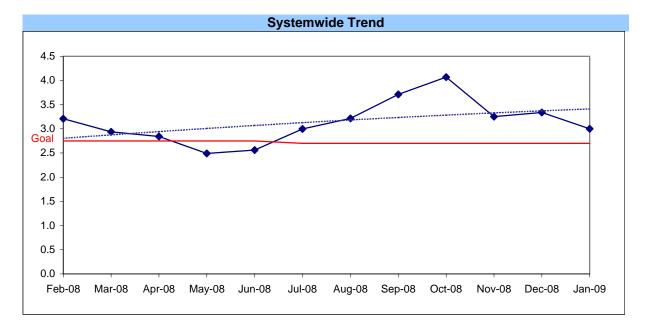


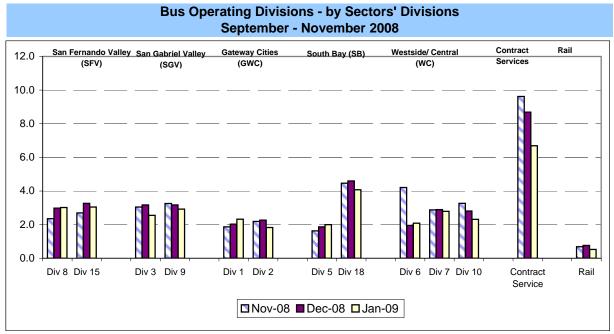
# **CUSTOMER SATISFACTION**

# 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)



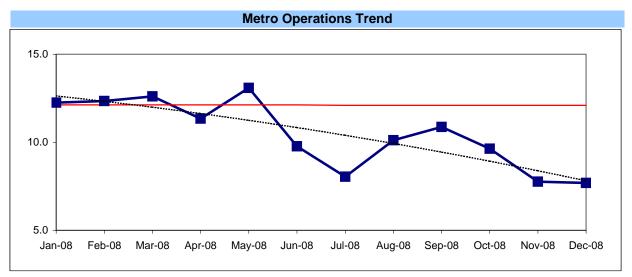


# WORKERS COMPENSATION CLAIMS

# 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)

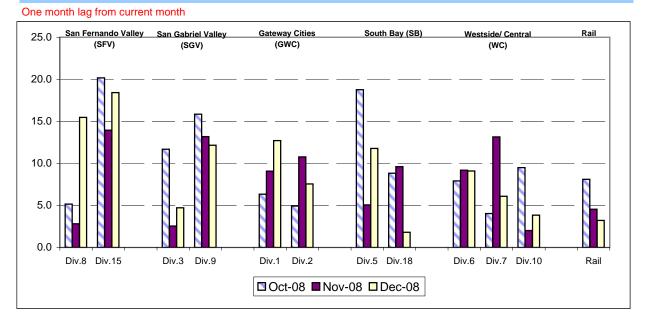


#### One month lag from current month

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 October - December 2008

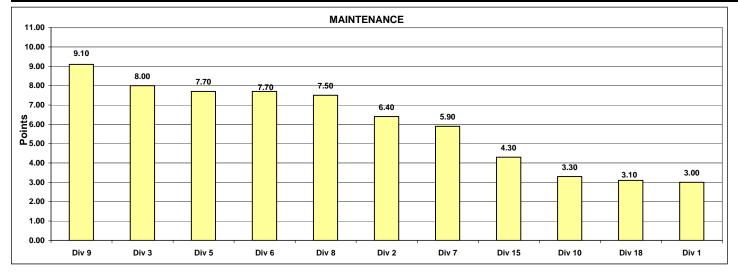
# "HOW YOU DOIN'?" PERFORMANCE INCENTIVE PROGRAM

# Monthly Calculations - January 2009 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.

					Maintenan	се						
	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	50%	1107.5	1360.6	1424.4	1547.9	1367.7	1041.6	1663.0	2517.9	975.8	1353.2	970.
Points		4	6	8	9	7	3	10	11	2	5	
Attendance	20%	0.97209	0.97612	0.98209	0.97520	0.98349	0.98433	0.98707	0.97816	0.97872	0.97312	0.96868
Points		2	5	8	4	9	10	11	6	7	3	
New WC Claims /200,000												
Exp Hrs*	30%	8.8946	0.0000	0.0000	0.0000	0.0000	0.0000	9.7297	0.0000	8.3883	7.8439	0.000
Points		2	8	8	8	8	8	1	8	3	4	
*One month lag												
Totals		3.00	6.40	8.00	7.70	7.70	5.90	7.50	9.10	3.30	4.30	3.10
FINAL					Maintenan	ce Division	Ranking (S	orted)				
RANKING	DIV.	Div 9	Div 3	Div 5	Div 6	Div 8	Div 2	Div 7	Div 15	Div 10	Div 18	Div 1
	Score	9.10	8.00	7.70	7.70	7.50	6.40	5.90	4.30	3.30	3.10	3.00
	Rank	1st	2nd	3rd	3rd	5th	6th	7th	8th	9th	10th	11th

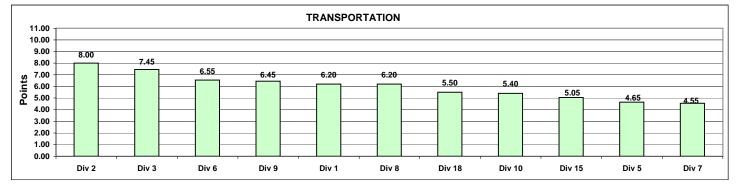


# Monthly Calculations - January 2009 Metro Bus - Transportation

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%	0.7274	0.7524	0.7232	0.6500	0.5638	0.6303	0.7130	0.7012	0.6212	0.7254	0.6148	
Points		10	11	8	5	1	4	7	6	3	9	2	
Miles Between Total Road													
Calls	10%	1107.5216	1360.5697	1424.3660	1547.9050	1367.7396	1041.5653	1662.9728	2517.9369	975.8384	1353.2424	970.3367	
Points		4	6	8	9	7	3	10	11	2	5	1	
Accident Rate	25%	3.0711	2.8823	2.4762	3.9375	1.5232	3.4289	1.6597	1.8190	3.3858	1.9244	4 0000	
Points	25%	3.0711		2.4762		1.5232		1.0597	1.8190	3.3656	1.9244	1.8338	
Points		4	5	6	1	11	2	10	9	3	1	8	
Complaints/100K													
Boardings	15%	2.3260	1.8301	2.5507	1.9995	2.0824	2.7907	3.0126	2.9261	2.3125	3.0415	4.0750	
Points		7	11	6	10	9	5	3	4	8	2	1	
New WC Claims /200,000													
Exp Hrs*	25%	13.8945	9.7335	6.2276	15.5658	11.7233	7.7145	17.5377	15.4456	2.4861	21.6700	2.3414	
Points *One month lag		5	7	9	3	6	8	2	4	10	1	11	
Totals		6.20	8.00	7.45	4.65	6.55	4.55	6.20	6.45	5.40	5.05	5.50	
FINAL					Transporta	tion Divisio	n Ranking (	Sorted)					
RANKING	DIV.	Div 2	Div 3	Div 6	Div 9	Div 1	Div 8	Div 18	Div 10	Div 15	Div 5	Div 7	
	Score	8.00	7.45	6.55	6.45	6.20	6.20	5.50	5.40	5.05	4.65	4.55	
	Rank	1st	2nd	3rd	4th	5th	5th	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			Me	tro Green Li	ine	Metro Gold Line			
- Wayside Availability	Jan-08	Jan-09	Yearly Improvement	Jan-08	Jan-09	Yearly Improvement	Jan-08	Jan-09	Yearly Improvement	Jan-08	Jan-09	Yearly Improvement	
Track	100.00%	99.98%	-0.02%	99.99%	100.00%	0.01%	100.00%	100.00%	0.00%	100.00%	99.99%	-0.01%	
Signals	99.99%	99.99%	0.00%	100.00%	100.00%	0.00%	100.00%	99.99%	-0.01%	99.96%	100.00%	0.04%	
Power	99.77%	100.00%	0.23%	100.00%	100.00%	0.00%	99.90%	99.99%	0.08%	99.97%	100.00%	0.03%	
Wayside Performance	99.92%	99.99%	0.07%	100.00%	100.00%	0.00%	99.97%	99.99%	0.02%	99.98%	100.00%	0.02%	
Vehicle Availability Vehicle Performance	99.90%	99.93%	0.03%	99.88%	99.83%	-0.06%	99.91%	99.81%	-0.10%	99.97%	99.87%	-0.10%	
Operator Availability Operators	<b>99.98%</b>	99.95%	-0.02%	99.96%	99.98%	0.02%	100.00%	99.98%	-0.02%	100.00%	99.99%	-0.01%	
In-Service Performance Rev. Hr. Delivered - Rail	99.74%	99.88%	0.14%	99.93%	99.81%	-0.13%	99.90%	99.77%	-0.14%	99.93%	99.85%	-0.08%	

stal Rail Line Performance	<b>99.88%</b>	<b>99.94%</b>	<b>0.054%</b>	<b>99.94%</b>	<b>99.90%</b>	<b>-0.04</b> 1%	99.94%	99.89%	-0.06%	<b>99.97%</b>	99.93%	<b>-0.04%</b>
-												

