# 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 430 Metro buses and 24 Metro Bus lines carrying nearly 54 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* On-Time Pullouts from Primary Terminal Point (OTP-PTP)
- \* 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

				FY06	FY06	Nov.	
Measurement	FY03	FY04	FY05	Target	YTD	Month	Status
Bus Systemwide							
On-Time Pullouts from Primary Terminal Point (OTP-PTP)*, **				58%	28.95%	29.10%	$\diamond$
Mean Miles Between Mechanical Failures Requiring Bus Exchange. (MMBMF)*				3,500	3,128	2,999	$\diamond$
In-Service On-time Performance**	69.23%	65.43%	66.50%	70%	65.69%	62.53%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	3.86	3.65	3.50	3.25	3.46	3.30	$\diamond$
Complaints per 100,000 Boardings	4.23	4.51	3.54	3.50	2.92	2.43	$\bigcirc$
New Workers' Compensation IndemnityClaims per 200,000 Exposure Hours ( <i>1 month lag</i> )	17.80	17.64	13.61	15.00	Oct. 12.66	Oct. 11.71	•
**Div 15 excluded SFV Sector							
OTP-PTP*, **				58%	27.54%	22.95%	$\diamond$
MMBMF*				3,500	3,069	3,138	$\diamond$
In-Service On-time Performance**	67.30%	67.47%	68.54%	70%	65.98%	63.84%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	2.91	2.99	2.67	2.85	3.45	2.66	$\diamond$
Complaints per 100,000 Boardings	6.32	5.45	4.39	4.25	4.06	4.04	$\bigcirc$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	16.72	15.15	13.71	16.00	Oct. 11.09	Oct. 10.83	
**Div 15 excluded Division 8							
OTP-PTP*				58%	24.44%	25.20%	$\diamond$
MMBCMF*				3,500	3,784	3,428	$\bigcirc$
In-Service On-time Performance	70.09%	69.12%	69.78%	70%	67.50%	63.84%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	2.84	2.75	2.58	2.85	3.48	3.15	$\diamond$
Complaints per 100,000 Boardings	6.87	5.09	4.17	4.25	4.68	4.43	$\diamond$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	20.92	19.15	16.77	16.00	Oct. 13.15	Oct. 13.03	
Division 15							
OTP-PTP*, **				58%			$\diamond$
MMBMF*				3,500	2,686	2,924	$\diamond$
In-Service On-time Performance**	66.13%	66.62%	67.84%	70%			$\diamond$
Bus Traffic Accidents Per 100,000 Miles	2.96	3.17	2.74	2.85	3.42	2.23	$\diamond$
Complaints per 100,000 Boardings	6.01	5.70	4.55	4.25	3.68	3.81	
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	16.23	13.14	12.46	16.00	Oct. 9.64	Oct. 9.93	

\*New Indicator. \*\* Div 15 excluded. No schedules loaded for Orange Line shake-up.

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 FERNANDO VALLEY SECTOR BUS SERVICE PERFORMANCE

# **ON-TIME PULLOUT FROM PRIMARY TERMINAL POINT (OTP-PTP) PERCENTAGE\***

**Definition:** On-time Pullout From the Primary Terminal Point Performance measures the percentage of buses leaving the first stop of the route within one minute of the scheduled time. The higher the number, the more reliable the service.

#### Calculation: OTP% = [(100% - [(Total early and late pullout runs / by Total pullouts at first terminal) X 100)] OTP-PTP Systemwide and Divisions 8 and 15\*



\* New Indicator. On-Time Pullout from Primary Terminal Point (OTP-PTP) data from ATMS. Division 15 data not available.

#### On-Time, Early and Late Pullouts From the Primary Terminal Point (OTP-PTP) by Sector Divisions'

	Pullo	Pullouts from Primary Terminal Point				Percent			
Div.	Early	Late	On-Time	Total Pullouts		Early Pullouts	On-Time Pullouts	Late Pullouts	
San Fernando Valley (SFV)									
8	790	1724	0	2514		31.42%	0.00%	68.58%	
15	0	0	0	0		-	-	-	
Total Systemwide	8456	16671	10313	35440		23.86%	29.10%	47.04%	

\*New Indicator. Division 15 data not available.

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



#### SFV Sector Bus Service Performance - Continued 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.

6.00 5.00 4.00 3.00 2.00 1.00 0.00 Jan-05 Nov-04 Dec-04 Feb-05 Mar-05 Apr-05 May-05 Jun-05 Jul-05 Aug-05 Sep-05 Oct-05 Complaints MTA Systemwide Goal - Div 8 - Div 15 -SFV Goal

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

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

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

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



One month lag in reporting.

# San Gabriel Valley Sector Scorecard Overview (SGV)

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

This report gives a brief overview of sector operations':

- \* On-Time Pullouts from Primary Terminal Point (OTP-PTP)
- \* 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

				FY06	FY06	Nov.	
Measurement	FY03	FY04	FY05	Target	YTD	Month	Status
Bus Systemwide							
On-Time Pullouts from Primary Terminal Point (OTP-PTP)*,**				58%	28.95%	29.10%	$\diamond$
Mean Miles Between Mechanical Failures Requiring Bus Exchange. (MMBMF)*				3,500	3,128	2,999	$\diamond$
In-Service On-time Performance**	69.23%	65.43%	66.50%	70%	65.69%	62.53%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	3.86	3.65	3.50	3.25	3.46	3.30	$\diamond$
Complaints per 100,000 Boardings	4.23	4.51	3.54	3.50	2.92	2.43	$\bigcirc$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	17.80	17.64	13.61	15.00	Oct. 12.66	Oct. 11.71	•
**Div 15 excluded							
SGV Sector							_
				58%	35.69%	35.55%	$\diamond$
MMBMF*				3,500	3,664	3,831	$\bigcirc$
In-Service On-time Performance	70.02%	69.98%	70.10%	75%	71.14%	70.19%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	3.40	2.91	2.96	2.75	3.06	3.34	$\diamond$
Complaints per 100,000 Boardings	3.57	3.80	2.95	3.00	2.61	2.38	$\bigcirc$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	23.15	16.12	10.14	11.00	Oct. 12.72	Oct. 9.44	$\diamond$
Division 3							
OTP-PTP*				58%	28.28%	28.44%	$\diamond$
MMBCMF*				3,500	2,725	3,157	$\diamond$
In-Service On-time Performance	71.08%	70.80%	71.06%	75%	73.36%	71.17%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	4.22	3.59	3.57	2.75	3.86	4.16	$\diamond$
Complaints per 100,000 Boardings	3.09	3.02	2.60	3.00	2.07	1.87	$\bigcirc$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	21.54	12.36	6.68	11.00	Oct. 12.33	Oct. 7.20	$\diamond$
Division 9							
OTP-PTP*				58%	41.32%	41.00%	$\diamond$
MMBMF*				3,500	5,259	4,706	$\bigcirc$
In-Service On-time Performance	67.47%	68.16%	68.16%	75%	68.05%	63.93%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	2.64	2.26	2.42	2.75	2.35	2.62	Ò
Complaints per 100,000 Boardings	4.31	5.09	5.09	3.00	3.24	3.00	$\diamond$
New Workers' Compensation IndemnityClaims per 200,000 Exposure Hours (1 month lag)	28.54	20.75	14.66	11.00	Oct. 13.37	Oct. 10.10	$\diamond$

\*New Indicator.

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.

# SAN GABRIEL VALLEY SECTOR BUS SERVICE PERFORMANCE

# **ON-TIME PULLOUT FROM PRIMARY TERMINAL POINT (OTP-PTP) PERCENTAGE\***

**Definition:** On-time Pullout From the Primary Terminal Point Performance measures the percentage of buses leaving the first stop of the route within one minute of the scheduled time. The higher the number, the more reliable the service.

Calculation: OTP% = [(100% - [(Total early and late pullout runs / by Total pullouts at first terminal) X 100)] OTP-PTP Systemwide and Divisions 3 and 9\*



\* New Indicator. On-Time Pullout from Primary Terminal Point (OTP-PTP) data from ATMS.

#### On-Time, Early and Late Pullouts From the Primary Terminal Point (OTP-PTP) by Sector Divisions'

	Pullo	uts from Prim	ary Terminal	Point	Percent			
Div.	Early	Late	On-Time	Total Pullouts	Early Pullouts	On-Time Pullouts	Late Pullouts	
San Gabriel Valley (SGV)								
3	459	1325	709	2493	18.41%	28.44%	53.15%	
9	639	1281	1334	3254	19.64%	41.00%	39.37%	
Total Systemwide	8456	16671	10313	35440	23.86%	29.10%	47.04%	

\*New Indicator

#### 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.

**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))



#### SGV Sector Bus Service Performance - Continued 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.

# Gateway Cities Sector Scorecard Overview (GC)

This sector has two Metro operating divisions, Division 1 and 2, both operating out of the downtown Los Angeles area. The sector will be responsible for the operation of approximately 395 Metro buses and 22 Metro Bus lines carrying nearly 59.8 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* On-Time Pullouts from Primary Terminal Point (OTP-PTP)
- \* 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

				EX06	EX06	Nov	
Measurement	FY03	FY04	FY05	Target	YTD	Month	Status
Rue Systemwide							
Or Time Bullaute from Brimony Terminal Boint							
(OTP-PTP)*,**				58%	28.95%	29.10%	$\diamond$
Mean Miles Between Mechanical Failures				3.500	3.128	2.999	$\diamond$
Requiring Bus Exchange. (MMBMF) <sup>*</sup>				-,	-,	_,	<u> </u>
In-Service On-time Performance <sup>**</sup>	69.23%	65.43%	66.50%	70%	65.69%	62.53%	$\sim$
Bus Traffic Accidents Per 100,000 Miles	3.86	3.65	3.50	3.25	3.46	3.30	$\sim$
Complaints per 100,000 Boardings	4.23	4.51	3.54	3.50	2.92	2.43	$\bigcirc$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	17.80	17.64	13.61	15.00	Oct. 12.66	Oct. 11.71	
**Div 15 excluded							
GC Sector							
OTP-PTP*				58%	27.55%	27.21%	$\diamond$
MMBMF*				3,500	2,510	2,263	$\diamond$
In-Service On-time Performance	74.53%	69.34%	71.20%	70%	72.14%	68.52%	
Bus Traffic Accidents Per 100,000 Miles	4.07	3.86	4.29	4.00	3.49	2.97	$\bigcirc$
Complaints per 100,000 Boardings	2.63	3.08	2.58	2.75	2.10	1.52	Õ
New Workers' Compensation Indemnity Claims					Oct	Oct	
per 200,000 Exposure Hours (1 month lag)	25.30	20.19	14.11	16.50	10.82	14.89	ightarrow
Division 1							
OTP-PTP*				58%	29.33%	28.51%	$\diamond$
MMBMF*				3,500	2,491	2,174	$\diamond$
In-Service On-time Performance	78.22%	70.57%	71.62%	70%	71.94%	68.66%	$\bigcirc$
Bus Traffic Accidents Per 100,000 Miles	3.39	3.41	4.35	4.00	3.30	3.26	
Complaints per 100,000 Boardings	2.26	3.32	2.92	2.75	2.47	1.62	
New Workers' Compensation Indemnity Claims					0-4	0	
per 200,000 Exposure Hours (1 month lag)	20.42	16.82	12.71	16.50	10.14	12.77	ightarrow
Division 2							
OTP-PTP*				58%	25.67%	25.81%	$\diamond$
MMBMF*				3,500	2,537	2,409	$\diamond$
In-Service On-time Performance	67.53%	67.62%	70.42%	70%	72.49%	68.25%	
Bus Traffic Accidents Per 100,000 Miles	4.78	4.36	4.21	4.00	3.77	2.55	$\diamond$
Complaints per 100,000 Boardings	3.07	2.84	2.15	2.75	1.65	1.40	
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	31.18	24.56	16.69	16.50	Oct. 12.39	Oct. 18.98	0

\*New Indicator.

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

Hellow - 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**

# **ON-TIME PULLOUT FROM PRIMARY TERMINAL POINT (OTP-PTP) PERCENTAGE\***

**Definition:** On-time Pullout From the Primary Terminal Point Performance measures the percentage of buses leaving the first stop of the route within one minute of the scheduled time. The higher the number, the more reliable the service.

Calculation: OTP% = [(100% - [(Total early and late pullout runs / by Total pullouts at first terminal) X 100)]



\* New Indicator. On-Time Pullout from Primary Terminal Point (OTP-PTP) data from ATMS.

#### On-Time, Early and Late Pullouts From the Primary Terminal Point (OTP-PTP) by Sector Divisions'

	Pullo	uts from Prim	ary Terminal	Point	Percent			
Div.	Early	Late	On-Time	Total Pullouts	Early Pullouts	On-Time Pullouts	Late Pullouts	
Gateway Cities (GWC)								
1	670	2292	1181	4143	16.17%	28.51%	55.32%	
2	1120	1751	999	3870	28.94%	25.81%	45.25%	
Total Systemwide	8456	16671	10313	35440	23.86%	29.10%	47.04%	

\*New Indicator

#### 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.

**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))



#### GC Sector Bus Service Performance - Continued 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.

# South Bay Sector Scorecard Overview (SB)

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

This report gives a brief overview of sector operations':

- \* On-Time Pullouts from Primary Terminal Point (OTP-PTP)
- \* 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

				FY06	FY06	Nov.	_
Measurement	FY03	FY04	FY05	Target	YTD	Month	Status
Bus Systemwide							
On-Time Pullouts from Primary Terminal Point (OTP-PTP)*,**				58%	28.95%	29.10%	$\diamond$
Mean Miles Between Mechanical Failures Requiring Bus Exchange. (MMBMF)*				3,500	3,128	2,999	$\diamond$
In-Service On-time Performance**	69.23%	65.43%	66.50%	70%	65.69%	62.53%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	3.86	3.65	3.50	3.25	3.46	3.30	$\diamond$
Complaints per 100,000 Boardings	4.23	4.51	3.54	3.50	2.92	2.43	0
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	17.80	17.64	13.61	15.00	Oct. 12.66	Oct. 11.71	ightarrow
**Div 15 excluded							
SB Sector							
OTP-PTP*				58%	29.79%	31.32%	$\diamond$
MMBMF*				3,500	3,237	3,233	$\diamond$
In-Service On-time Performance	63.67%	61.74%	64.13%	70%	61.27%	56.71%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	4.00	3.68	3.57	4.00	3.34	3.55	<u> </u>
Complaints per 100,000 Boardings	4.02	4.63	3.61	4.50	3.01	2.38	$\bigcirc$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	17.28	14.84	14.65	16.20	Oct. 14.49	Oct. 8.68	ightarrow
Division 5							
OTP-PTP*				58%	34.83%	36.38%	$\diamond$
MMBMF*				3,500	3,193	3,498	$\diamond$
In-Service On-time Performance	66.30%	63.17%	65.58%	70%	62.03%	64.12%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	4.58	3.90	4.31	4.00	3.50	3.53	0
Complaints per 100,000 Boardings	2.86	3.45	2.71	4.50	2.15	1.77	$\bigcirc$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	24.16	15.22	18.72	16.20	Oct. 13.72	Oct. 6.48	lacksquare
Division 18							
OTP-PTP*				58%	31.24%	26.69%	$\diamond$
MMBMF*				3,500	3,272	3,049	$\diamond$
In-Service On-time Performance	61.23%	60.78%	63.42%	70%	59.59%	53.72%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	3.57	3.51	3.02	4.00	3.22	3.57	Ó
Complaints per 100,000 Boardings	5.26	5.74	4.44	4.50	3.91	3.00	0
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	13.40	14.71	11.67	16.20	Oct. 15.61	Oct. 10.93	•

\*New Indicator.

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

# **ON-TIME PULLOUT FROM PRIMARY TERMINAL POINT (OTP-PTP) PERCENTAGE\***

**Definition:** On-time Pullout From the Primary Terminal Point Performance measures the percentage of buses leaving the first stop of the route within one minute of the scheduled time. The higher the number, the more reliable the service.

#### Calculation: OTP% = [(100% - [(Total early and late pullout runs / by Total pullouts at first terminal) X 100)] OTP-PTP Systemwide and Divisions 5 and 18\*



\* New Indicator. On-Time Pullout from Primary Terminal Point (OTP-PTP) data from ATMS.

#### On-Time, Early and Late Pullouts From the Primary Terminal Point (OTP-PTP) by Sector Divisions'

	Pullo	uts from Prim	ary Terminal	Point		Percent	
Div.	Early	Late	On-Time	Total Pullouts	Early Pullouts	On-Time Pullouts	Late Pullouts
South Bay (SB)							
5	1192	1485	1531	4208	28.33%	36.38%	35.29%
18	1474	1896	1227	4597	32.06%	26.69%	41.24%
Total Systemwide	8456	16671	10313	35440	23.86%	29.10%	47.04%

\*New Indicator

#### 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.

**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 5 and 18

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





# SB Sector Bus Service Performance - Continued

#### 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)



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

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

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



One month lag in reporting.

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

This sector has three Metro operating divisions, Division 6 in Venice, Division 7 in West Hollywood, and Division 10 in Los Angeles, near the Gateway building. The sector will be responsible for the operation of approximately 620 Metro buses and 21 Metro Bus lines carrying nearly 86.1 million boarding passengers each year.

This report gives a brief overview of sector operations':

- \* On-Time Pullouts from Primary Terminal Point (OTP-PTP)
- \* 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

				FY06	FY06	Nov.	
Measurement	FY03	FY04	FY05	Target	YTD	Month	Status
Bus Systemwide							
On-Time Pullouts from Primary Terminal Point (OTP-PTP)*,**				58%	28.95%	29.10%	$\diamond$
Mean Miles Between Mechanical Failures Requiring Bus Exchange. (MMBMF)*				3,500	3,128	2,999	$\diamond$
In-Service On-time Performance**	69.23%	65.43%	66.50%	70%	65.69%	62.53%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	3.86	3.65	3.50	3.25	3.46	3.30	$\diamond$
Complaints per 100,000 Boardings	4.23	4.51	3.54	3.50	2.92	2.43	$\bigcirc$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	17.80	17.64	13.61	15.00	Oct. 12.66	Oct. 11.71	
**Div 15 excluded							
WC Sector							
OTP-PTP*				58%	26.29%	26.12%	$\diamond$
MMBMF*				3,500	3,312	2,981	$\diamond$
In-Service On-time Performance	67.88%	63.31%	63.39%	70%	62.29%	59.34%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	4.72	4.61	4.03	3.50	3.85	3.89	$\diamond$
Complaints per 100,000 Boardings	4.84	5.30	4.10	3.75	2.97	2.21	$\bigcirc$
New Workers' Compensation IndemnityClaims per 200,000 Exposure Hours (1 month lag)	28.74	21.52	18.80	20.00	Oct. 15.11	Oct. 16.06	ullet
Division 6							
OTP-PTP*				58%	24.17%	21.90%	$\diamond$
MMBMF*				3,500	6,859	6,862	$\circ$
In-Service On-time Performance	65.93%	60.11%	56.75%	70%	55.78%	50.51%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	4.52	4.10	3.91	3.50	3.45	2.80	$\diamond$
Complaints per 100,000 Boardings	6.10	6.15	4.47	3.75	2.50	2.63	$\circ$
New Workers' Compensation IndemnityClaims per 200,000 Exposure Hours (1 month lag)	30.72	21.71	18.23	20.00	Oct. 14.11	Oct. 28.25	
Division 7							
OTP-PTP*				58%	25.34%	24.07%	$\diamond$
MMBMF*				3,500	2,541	2,339	$\diamond$
In-Service On-time Performance	68.80%	64.59%	64.22%	70%	63.59%	60.93%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	4.95	4.63	4.62	3.50	4.67	4.66	$\diamond$
Complaints per 100,000 Boardings	4.74	5.70	4.24	3.75	3.42	2.19	$\bigcirc$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	24.52	21.05	19.44	20.00	Oct. 15.18	Oct. 15.09	
Division 10							
OTP-PTP*				58%	27.41%	28.45%	$\diamond$
MMBMF*				3,500	3,787	3,097	$\bigcirc$
In-Service On-time Performance	67.34%	62.85%	64.14%	70%	62.56%	60.14%	$\diamond$
Bus Traffic Accidents Per 100,000 Miles	4.55	4.68	3.50	3.50	3.27	3.55	$\bigcirc$
Complaints per 100,000 Boardings	4.73	4.85	3.92	3.75	2.67	2.17	$\bigcirc$
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours (1 month lag)	35.38	22.90	19.19	20.00	Oct. 16.21	Oct. 15.98	

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.

# WESTSIDE / CENTRAL SECTOR BUS SERVICE PERFORMANCE

#### **ON-TIME PULLOUT FROM PRIMARY TERMINAL POINT (OTP-PTP) PERCENTAGE\***

**Definition:** On-time Pullout From the Primary Terminal Point Performance measures the percentage of buses leaving the first stop of the route within one minute of the scheduled time. The higher the number, the more reliable the service.

Calculation: OTP% = [(100% - [(Total early and late pullout runs / by Total pullouts at first terminal) X 100)] OTP-PTP Systemwide and Divisions 6, 7 and 10\*



\* New Indicator. On-Time Pullout from Primary Terminal Point (OTP-PTP) data from ATMS.

#### On-Time, Early and Late Pullouts From the Primary Terminal Point (OTP-PTP) by Sector Divisions'

	Pullo	uts from Prim	ary Terminal	Point		Percent			
Div.	Early	Late	On-Time	Total Pullouts	Early Pullouts	On-Time Pullouts	Late Pullouts		
Westside/Central (WC)									
6	174	493	187	854	20.37%	21.90%	57.73%		
7	972	1902	911	3785	25.68%	24.07%	50.25%		
10	966	2522	1387	4875	19.82%	28.45%	51.73%		
Total Systemwide	8456	16671	10313	35440	23.86%	29.10%	47.04%		

\*New Indicator

# 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.

**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.





#### WC Sector Bus Service Performance - Continued COMPLAINTS PER 100,000 BOARDINGS Systemwide and Bus Operating Divisions 6, 7 and 10

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



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

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

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

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



One month lag in reporting.

# Metro Rail Scorecard Overview

Metro Rail operates one heavy rail line, Metro Red Line from Union Station to North Hollywood and three 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

				FY06	FY06	Nov.	
Measurement	FY03	FY04	FY05	Target	YTD	Month	Status
New Workers' Compensation Indemnity Claims per 200,000 Exposure Hours ( <i>1 month lag</i> )	11.25	11.59	9.32	10.00	Oct. 10.25	Oct. 7.60	$\diamond$
Metro Red Line (MRL)							
On-Time Pullouts	99.36%	99.71%	99.94%	99.00%	98.98%	99.72%	$\diamond$
Mean Miles Between Chargeable Mechanical Failures*	9,495	12,793	11,759	15,000	17,804	15,143	
In-Service On-time Performance	99.15%	99.04%	98.66%	99.20%	98.59%	98.70%	$\diamond$
Traffic Accidents Per 100,000 Train Miles	0.07	0	0.22	0.14	0	0	$\bigcirc$
Complaints per 100,000 Boardings	1.20	1.17	1.13	1.00	0.94	0.96	$\bigcirc$
Metro Blue Line (MBL)							
On-Time Pullouts	99.07%	99.94%	99.73%	99.00%	99.69%	99.30%	$\bigcirc$
Mean Miles Between Chargeable Mechanical Failures	6,399	10,365	16,273	15,000	22,057	28,573	
In-Service On-time Performance	97.59%	98.74%	98.16%	99.00%	98.26%	98.53%	$\diamond$
Traffic Accidents Per 100,000 Train Miles	0.82	1.36	0.64	0.40	0.99	1.43	$\diamond$
Complaints per 100,000 Boardings	1.30	0.97	0.98	1.00	1.08	1.02	$\diamond$
Metro Green Line (MGrL)							
On-Time Pullouts	98.99%	99.78%	99.91%	99.00%	99.96%	100.00%	$\bigcirc$
Mean Miles Between Chargeable Mechanical Failures	5,617	11,337	12,558	15,000	19,781	15,883	
In-Service On-time Performance	98.21%	98.99%	98.22%	99.00%	98.99%	99.40%	$\diamond$
Traffic Accidents Per 100,000 Train Miles	0.14	0.08	0.00	0.40	0	0	$\bigcirc$
Complaints per 100,000 Boardings	1.26	1.37	1.39	1.00	1.24	1.60	$\diamond$
Metro Gold Line (MGoL)							
On-Time Pullouts		100%	99.85%	99.00%	100%	100%	$\bigcirc$
Mean Miles Between Chargeable Mechanical Failures		8,938	16,571	15,000	18,501	23,365	
In-Service On-time Performance		98.52%	97.97%	99.00%	98.57%	99.51%	$\diamond$
Traffic Accidents Per 100,000 Train Miles		0.25	0.23	0.40	0.29	0.00	$\diamond$
Complaints per 100,000 Boardings		3.81	2.85	1.00	2.64	4.08	$\diamond$

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))





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

#### Mean Miles Between Chargeable Mechanical Failures

**Definition:** Mean vehicle miles between Revenue Vehicle Failures. NTD defined Revenue Vehicle Failures are vehicle systems failures that occur in revenue service and during deadhead miles in which the vehicle did not complete its scheduled revenue trip or in which the vehicle did not start its next scheduled revenue trip.



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

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

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

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

One month lag in reporting.



# **BUS SERVICE PERFORMANCE**

#### **ON-TIME PULLOUT FROM PRIMARY TERMINAL POINT (OTP-PTP) PERCENTAGE \***

**Definition:** On-time Pullout From Primary Terminal Point (OTP-PTP) Performance measures the percentage of buses leaving the first terminal point in the AM peak (first scheduled stop) within one minute of the scheduled time. The higher the number, the more reliable the service.

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

\* New Indicator. The On-Time Pullout from Primary Terminal Point (OTP-PTP) data is from the Advanced Transportation Management System (ATMS).



#### OTP-PTP by Sector Bus Operating Divisions September - November 2005



#### OTP-PTP, Early and Late Pullout Percentage by Sector Divisions\*

	Pullo	uts from Prin	nary Terminal	Point		Percent	
Div.	Early	Late	On-Time	Total Pullouts	Early Pullouts	On-Time Pullouts	Late Pullouts
San Fernando Valley (SFV)							
8	790	1724	847	3361	23.50%	25.20%	51.29%
15				0	-	-	-
San Gabriel Valley (SGV)							
3	459	1325	709	2493	18.41%	28.44%	53.15%
9	639	1281	1334	3254	19.64%	41.00%	39.37%
Gateway Cities (GWC)							
1	670	2292	1181	4143	16.17%	28.51%	55.32%
2	1120	1751	999	3870	28.94%	25.81%	45.25%
South Bay (SB)							
5	1192	1485	1531	4208	28.33%	36.38%	35.29%
18	1474	1896	1227	4597	32.06%	26.69%	41.24%
Westside/Central (WC)							
6	174	493	187	854	20.37%	21.90%	57.73%
7	972	1902	911	3785	25.68%	24.07%	50.25%
10	966	2522	1387	4875	19.82%	28.45%	51.73%
TOTAL	8456	16671	10313	35440	23.86%	29.10%	47.04%

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

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

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

Systemwide Trend





# **ISOTP By Sectors' Divisions**

		FY05	FY06-YTD	Variance								
San Ferna	ndo Valley	Sector (SF	V)									
Division 8	-											
	Early	6.82%	7.33%	0.52%								
	On-Time	69.78%	67.50%	-2.28%								
	Late	23.40%	25.17%	1.76%								
<b>Division 15</b>												
	Early	8.15%	7.48%	-0.66%								
	On-Time	67.84%	65.08%	-2.76%								
	Late	24.01%	27.44%	3.43%								
Gateway Cities Sector (GWC)												
Division 1												
	Early	7.05%	6.80%	-0.25%								
	On-Time	71.62%	71.94%	0.32%								
	Late	21.33%	21.26%	-0.07%								
Division 2												
	Early	9.23%	7.68%	-1.55%								
	On-Time	70.42%	72.49%	2.06%								
	Late	20.35%	19.84%	-0.51%								
South Bay	Sector (SI	3)										
Division 5												
	Early	9.62%	10.26%	0.64%								
	On-Time	65.58%	64.12%	-1.46%								
	Late	24.80%	25.62%	0.82%								
<b>Division 18</b>												
	Early	8.14%	7.39%	-0.75%								
	On-Time	63.42%	59.59%	-3.83%								
	Late	28.44%	33.02%	4.58%								

# Year-to-Date Compared To Last Year

	FY05	FY06-YTD	Variance
San Gabri	el Valley Seo	ctor (SGV)	
Division 3			
Early	8.92%	6.40%	-2.52%
On-Time	71.06%	73.36%	2.30%
Late	20.03%	20.24%	0.22%
Division 9			
Early	7.04%	6.28%	-0.76%
On-Time	68.49%	68.05%	-0.44%
Late	24.47%	25.66%	1.20%
Westside/	Central Sect	or (WC)	
Division 6			
Early	10.18%	6.79%	-3.39%
On-Time	56.75%	55.78%	-0.97%
Late	33.07%	37.43%	4.36%
Division 7			
Early	10.52%	7.60%	-2.91%
On-Time	64.22%	63.59%	-0.63%
Late	25.27%	28.81%	3.54%
Division 10			
Early	9.41%	7.84%	-1.57%
On-Time	64.14%	62.56%	-1.58%
Late	26.45%	29.61%	3.15%

SYSTEMW	IDE		
Early	8.92%	7.47%	-1.45%
On-Time	66.50%	65.69%	-0.81%
Late	24.58%	26.83%	2.26%

#### **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.







# 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 September - November 2005



#### **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.

# Bus Maintenance Performance - Continued MMBTRC --Bus Operating Sector Divisions

# September - November 2005



	Number of Buses	Percent of Buses
CNG	2,080	78.02%
Diesel (Except FlexMetro)	493	18.49%
FlexMetro Diesel	0	0.00%
Gasoline	59	2.21%
Propane	34_	1.28%
Total	2,666	100.00%

Average Age of Fleet by Sectors' Divisions

	SFV	SGV		G	SWC	SB		
Div 8	Div 15	Div 3	Div 9	Div 1	Div 2	Div 5	Div 18	
7.8	7.4	7.9	5.5	5.5	5.3	5.9	7.9	

	WC		
Div 6	Div 7	Div 10	
11.8	5.9	6.9	

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

\*Data not available for November.

# SAFETY PERFORMANCE

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

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

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



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



## **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.



## **RAIL ACCIDENTS PER 100,000 REVENUE TRAIN MILES**

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

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



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

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

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



# **CUSTOMER SATISFACTION**

# COMPLAINTS PER 100,000 BOARDINGS

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

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



# Bus Operating Divisions - by Sectors' Divisions September - November 2005



# 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 2005

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

#### Monthly Calculations - November 2005 Metro Bus - Maintenance

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

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

					Maintenand	ce						
	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%	994.8	1373.4	1770.8	1667.6	1239.0	1071.5	1993.0	2516.0	1219.2	1546.4	1159.6
Points		1	6	9	8	5	2	10	11	4	7	3
Attendance												
Points												
New WC Claims /200,000												
Exp Hrs*	36%	9.6273	11.9533	10.1339	0.0000	37.7201	9.5355	0.0000	0.0000	17.2008	8.8832	8.3935
Points		5	3	4	10	1	6	10	10	2	7	8
*One month lag												
Totals		2.44	4.92	7.20	8.72	3.56	3.44	10.00	10.64	3.28	7.00	4.80
FINAL				Γ	Maintenand	ce Division I	Ranking (So	orted)				
RANKING	DIV.	Div 9	Div 8	Div 5	Div 3	Div 15	Div 2	Div 18	Div 6	Div 7	Div 10	Div 1
	Score	10.64	10.00	8.72	7.20	7.00	4.92	4.80	3.56	3.44	3.28	2.44
	Rank	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th



### Monthly Calculations - November 2005 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.

				٦	Fransportat	ion						
	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%	0.6866	0.6825	0.7117	0.6203	0.5051	0.6093	0.6384	0.6893	0.6014	0.0000	0.5372
Points		9	8	11	6	2	5	7	10	4	0	3
Miles Between Total Road												
Calls	10%	994.8221	1373.3654	1770.8168	1667.5775	1239.0167	1071.5117	1993.0386	2515.9531	1219.1709	1546.4264	1159.6032
Points		1	6	9	8	5	2	10	11	4	7	3
Accident Rate	25%	3.2614	2.5519	4.1565	3.5275	2.8024	4.6595	3.1505	2.6248	3.5454	2.2263	3.5691
Points		6	10	2	5	8	1	7	9	4	11	3
Complaints/100K												
Boardings	15%	1.6229	1.4012	1.8696	1.7654	2.6336	2.1865	4.4271	3.0015	2.1746	3.8065	3.0023
Points		10	11	8	9	5	6	1	4	7	2	3
New WC Claims /200,000												
Exp Hrs*	25%	13.6608	21.0427	6.2932	8.4577	25.1023	16.7162	17.5148	13.0917	15.6628	10.2368	11.6357
Points		6	2	11	10	1	4	3	7	5	9	8
*One month lag												
Totals		6.85	7.25	8.10	7.40	4.00	3.60	5.40	8.20	4.70	7.98	4.25
FINAL				1	ransportat	ion Divisio	n Ranking (	Sorted)				
RANKING	DIV.	Div 9	Div 3	Div 15	Div 5	Div 2	Div 1	Div 8	Div 10	Div 18	Div 6	Div 7
	Score	8.20	8.10	7.98	7.40	7.25	6.85	5.40	4.70	4.25	4.00	3.60
	Rank	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th



#### Monthly Calculations - November 2005 Metro Rail

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

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

	Me	etro Blue Lin	е	Met	tro Red Lir	ne	Met	ro Green Li	ne	Me	tro Gold Li	ne
Wayside Availability	Nov-04	Nov-05	Yearly Improvement	Nov-04	Nov-05	Yearly Improvement	Nov-04	Nov-05	Yearly Improvement	Nov-04	Nov-05	Yearly Improvement
Track	100.00%	100.00%	0.00%	100.00%	99.53%	-0.47%	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%
Signals	99.96%	99.70%	-0.27%	99.24%	99.98%	0.73%	99.26%	99.99%	0.72%	99.98%	100.00%	0.02%
Power	100.00%	99.97%	-0.03%	100.00%	100.00%	0.00%	98.76%	100.00%	1.24%	100.00%	100.00%	0.00%
Wayside Performance	<b>99.99%</b>	<b>99.89%</b>	-0.10%	99.75%	99.84%	0.09%	99.34%	100.00%	0.66%	99.99%	100.00%	0.01%
Vehicle Availability Vehicle Performance Operator Availability Operators In-Service Performance Rev. Hr. Delivered - Rail	98.69% 99.95% 98.60%	99.36% 99.96% 98.98%	0.67% 0.01% 0.38%	99.49% 99.99% 98.72%	99.46% 99.94% 97.53%	-0.03% -0.04% -1.19%	99.25% 99.97% 97.24%	99.49% 99.92% 99.39%	0.23% -0.05% 2.15%	99.18% 99.97% 99.14%	99.81% 99.95% 99.76%	0.63% -0.02% 0.62%

tal Rail Line Performance	<b>99.31%</b>	99.55%	0.24%	99.49%	99.19%	-0.29%	98.95%	99.70%	0.75%	99.57%	99.88%	0.31%
=												

