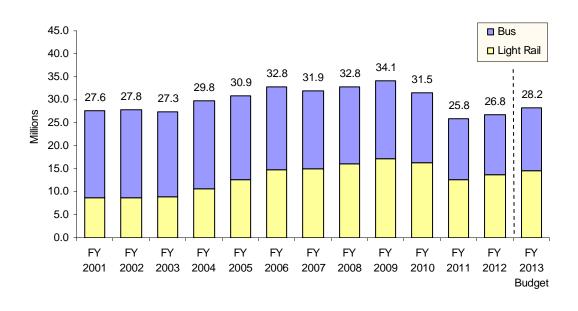


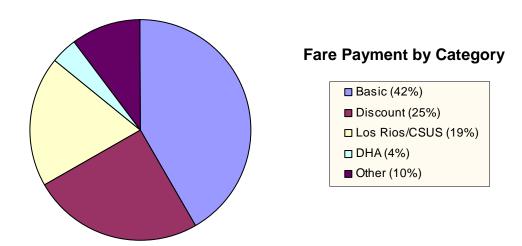
and

Post-September 2012 Service Change Analysis

System Profile - Annual Boardings by Fiscal Year



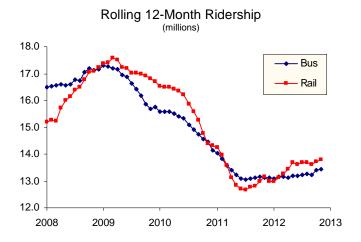
Source: RT Monthly Ridership Reports



Source: RT FY 2012 Fare Survey

Historical Trends

RT ridership peaked in early 2009 as \$4.00 gas prices and construction on Interstate 5 led commuters to try RT. This ridership increase was in spite of 7 percent service cuts in January 2008 made in response to funding cuts. In 2009, ridership declined sharply as funding reductions again prompted two fare increases (from \$2.00 to \$2.50)¹, elimination of transfers, and an additional 4 percent service cut to the bus system.



After another round of major reductions in state funding, in June 2010 RT was forced to declare a state of fiscal emergency and implemented service reductions amounting to 20 percent of all bus service and 16 percent of all light rail service, 2 including the elimination of all bus and light rail trips starting at 9:00 p.m. or later, lengthening of weekend headways on light rail from 15 to 30 minutes, and the complete elimination of 27 bus routes. In the year following the 2010 service cuts, total ridership declined 18 percent, from 31.5 million to 25.8 million.

With no major changes, ridership rebounded in FY 2012, increasing by 4 percent to 26.8 million. operating revenues were \$129.8 million, and expenses \$124.6 million, with \$5.2 million contributed to operating reserves.

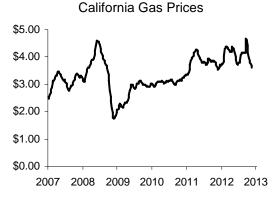
RT's ridership goal for FY 2013 is currently 28.2 million boardings, an increase of another 5 percent over FY Service improvements were implemented in September 2012 and through the first half of the fiscal

¹ Fares increased to \$2.25 in January 2009 and to \$2.50 in September 2009. ² Light rail train-hours were reduced by 16 percent. Light rail vehicle revenue hours, which count all cars in multi-car trains, were only reduced by 11 percent.

year, system-wide ridership was within 0.3 percent of expectations.

Economic Factors

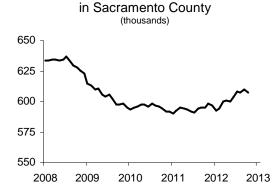
After two summers where average California gas prices did not exceed \$4.00 per gallon, 2011 and 2012 both had periods of over \$4.00 per gallon gas. There was a notable spike in gas prices to over \$4.50 per gallon for about 20 days in October 2012. This may have been a contributing factor in the strong ridership RT experienced in October and November, especially considering the strong ridership that followed the spike in gas prices in 2008.



Source: U.S. Energy Information Association

Employment in the Sacramento area declined sharply from 2008 to 2010 and was relatively flat until 2012. In 2012, employment began to increase gradually.

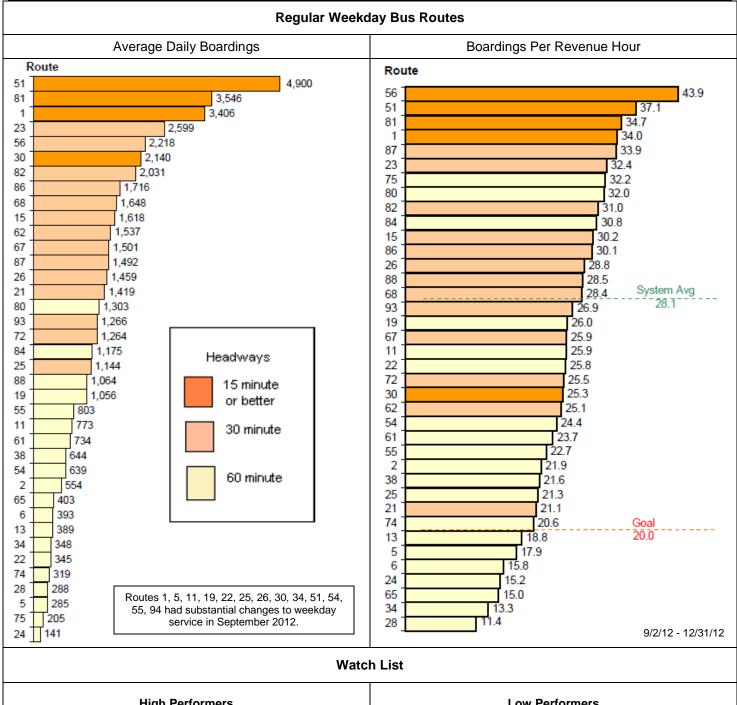
Total Employment



Source: Calif. Employment Development Dept.

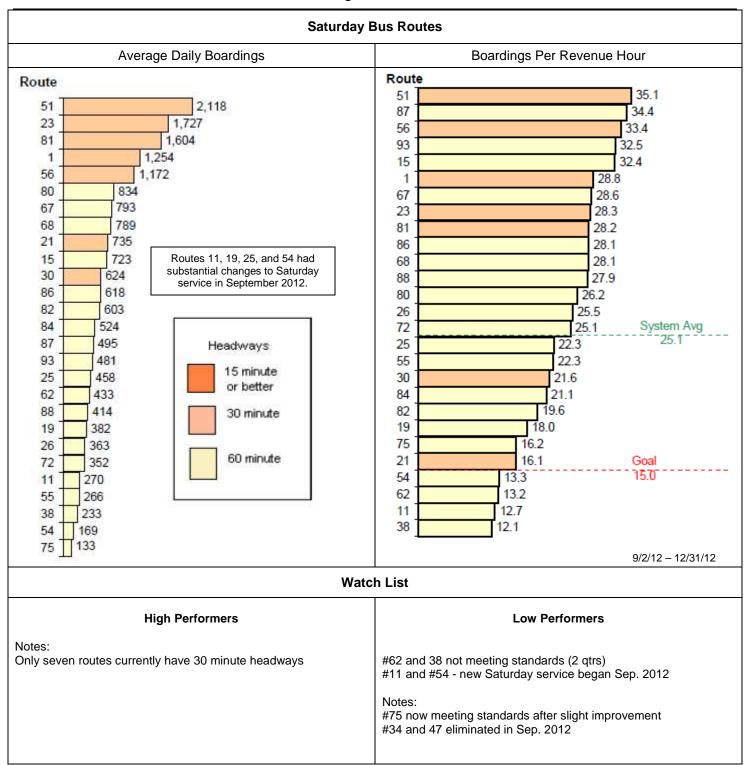
RT ridership, especially on light rail, has correlated fairly closely with employment levels; however, the importance of service changes and fare increases should not be discounted.



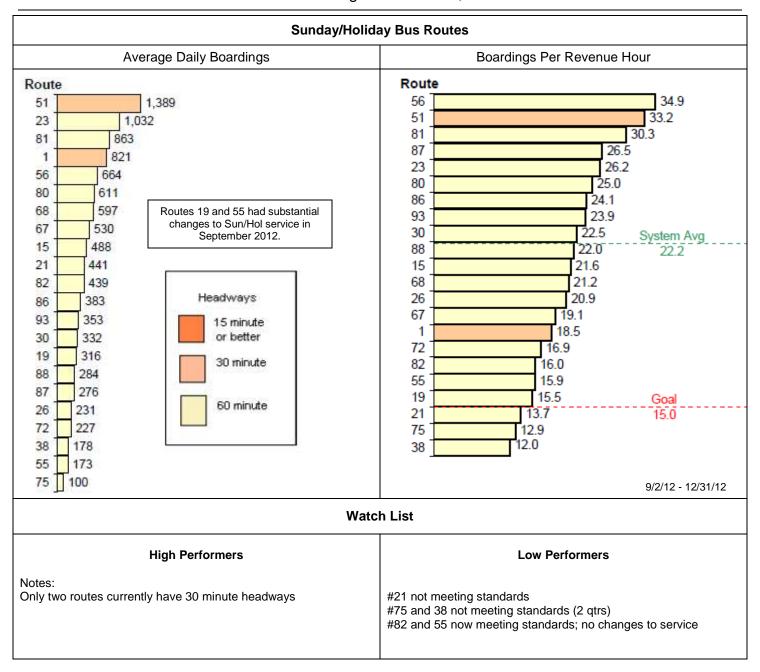


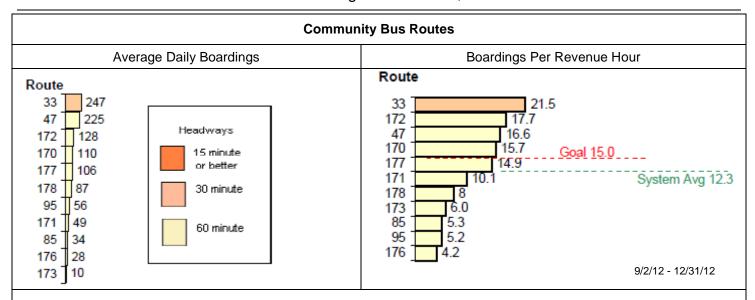
High Performers Route 56 - Exceeding maximum standards (2 qtrs) #13, 6, 24, 34, 28 all below RT standards (2 qtrs) #5 - Rerouted in Sep. 2012, still below standard (2 qtrs) #65 - Not meeting standards Notes: Headways improved on Routes 1, 51, and 55 in Sep. 2012 #19 now meeting standards after Sep. 2012 changes #74 now meeting standards after slight increase #14 eliminated in Sep. 2012











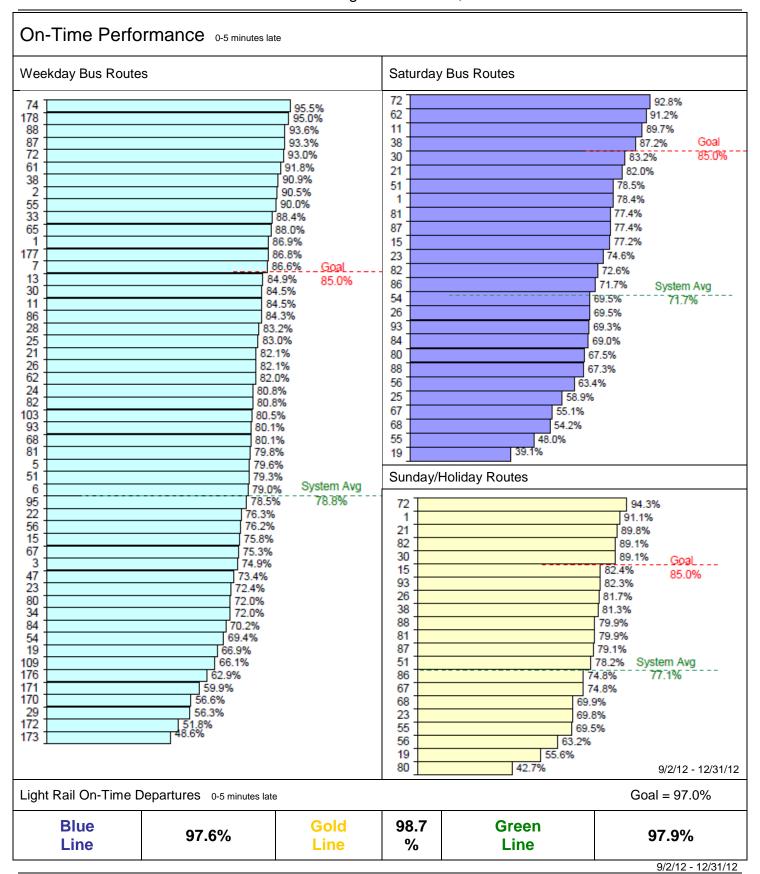
Route 95 was created in September 2012 Route 85 paid for by McClellan Business Park Routes 170-173 paid for by North Natomas TMA Routes 176-177 paid for by City of Rancho Cordova Route 178 paid for by Granite Park Route 16 was eliminated in September 2012.

Peak-Only Buses

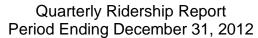
		Mornin	g Trips	Afternoon Trips						
Route	FromTime	Boardings	Max Load	RunTime	FromTime	Boardings	Max Load	RunTime		
3	6:15	27	25	0:39	16:19	32	30	0:38		
	6:45	28	26	0:35	16:34	22	20	0:36		
	7:00	32	31	0:37	16:49	22	21	0:39		
	7:15	37	32	0:42	17:04	19	18	0:42		
7	6:09	22	20	0:35	16:15	27	23	0:34		
	6:39	23	19	0:34	16:45	19	17	0:34		
	7:09	34	31	0:36	17:15	16	15	0:36		
29	6:22	36	30	0:51	16:35	39	31	1:04		
	6:52	40	36	0:52	17:05	28	21	1:02		
103	5:53	15	13	0:20	16:36	20	14	0:24		
	6:23	14	10	0:18	17:06	19	16	0:25		
	6:38	15	11	0:23	17:36	16	13	0:24		
	6:53	18	14	0:22	18:06	7	5	0:23		
109	6:26	27	24	0:51	16:35	26	24	1:02		
	6:56	30	28	0:54	17:20	20	16	0:58		

9/2/12 - 12/31/12











Weekday Bus Ridership

1/1/13 - 3	3/31/13	•			(Goal = 20)		(Goal < \$6.77)				
		Boardings	Trips	Rev Hrs	Psgr Per	Psgr Per	Full Cost	Net Cost	Net Cost	Farebox	Below
Route	Name	Per Day	Per Day	Per Day	Rev Hr	Rev Mile	Per Psgr	Per Psgr	Per Rev Hr	Recovery	Standards
1	Greenback *	3,367	121	100.1	33.7	2.8	\$4.03	\$2.93	\$98.66	27%	
2	Riverside	534	26	25.3	21.1	1.9	\$6.43	\$5.33	\$112.43	17%	
3	Riverside Express	230	8	5.6	41.5	2.4	\$3.27	\$2.17	\$90.08	34%	
5	Meadowview-Valley Hi *	288	31	16.0	18.1	1.5	\$7.51	\$6.41	\$115.76	15%	Х
6	Land Park	381	27	25.0	15.3	1.4	\$8.87	\$7.78	\$118.79	12%	X
7	Pocket Express	147	6	4.1	35.9	2.3	\$3.77	\$2.68	\$96.18	29%	
11	Truxel Road *	747	39	29.8	25.1	2.1	\$5.40	\$4.31	\$108.05	20%	
13	Northgate	377	33	21.2	17.8	1.7	\$7.62	\$6.52	\$116.05	14%	Χ
15	Rio Linda Blvd-O Street	1,512	56	53.6	28.2	2.5	\$4.81	\$3.71	\$104.64	23%	
19	Rio Linda *	1,015	29	40.6	25.0	1.7	\$5.41	\$4.32	\$108.10	20%	
21	Sunrise	1,421	70	67.3	21.1	1.6	\$6.41	\$5.32	\$112.38	17%	
22	Arden *	339	28	13.4	25.4	2.6	\$5.34	\$4.25	\$107.74	21%	
23	El Camino	2,486	62	80.3	31.0	2.6	\$4.38	\$3.28	\$101.59	25%	
24	Madison-Greenback	151	27	13.0	11.6	1.1	\$11.68	\$10.58	\$122.82	9%	X
25	Marconi *	1,183	55	53.6	22.1	1.9	\$6.14	\$5.04	\$111.34	18%	
26	Fulton *	1,491	52	50.7	29.4	2.7	\$4.60	\$3.51	\$103.28	24%	
28	Fair Oaks-Folsom	267	33	25.2	10.6	1.1	\$12.79	\$11.70	\$123.93	9%	X
29	Arden-California Avenue	137	4	3.9	35.4	2.2	\$3.83	\$2.74	\$96.79	29%	
30	J Street (DASH) *	2,191	116	84.5	25.9	3.9	\$5.23	\$4.13	\$107.13	21%	
34	McKinley *	320	27	26.3	12.2	1.5	\$11.14	\$10.05	\$122.21	10%	X
38	P/Q Streets	607	31	29.9	20.3	2.4	\$6.67	\$5.57	\$113.27	16%	
51	Broadway-Stockton *	4,800	143	132.2	36.3	3.8	\$3.73	\$2.64	\$95.74	29%	
54	Center Parkway *	599	31	26.2	22.8	2.0	\$5.93	\$4.84	\$110.51	18%	
55	Scottsdale *	837	49	35.4	23.6	2.3	\$5.73	\$4.64	\$109.63	19%	
56	Pocket-C.R.C.	2,174	66	50.6	43.0	4.0	\$3.15	\$2.06	\$88.43	35%	
61	Fruitridge	704	32	30.9	22.7	2.2	\$5.96	\$4.86	\$110.61	18%	
62	Freeport	1,432	60	61.3	23.4	2.2	\$5.80	\$4.71	\$109.93	19%	
65	Franklin South	366	28	26.9	13.6	1.7	\$9.94	\$8.84	\$120.59	11%	Х

Cost figures based on fully allocated cost of \$135.54 per revenue hour. Average fare assumed to be \$1.096 per boarding passenger.

^{*} Indicates route with substantial changes in September 2012





Weekday Bus Ridership

1/1/13 - 3/31/13 (Goal = 20)(Goal < \$6.77) **Boardings** Trips Rev Hrs Psar Per Psar Per Full Cost Net Cost Net Cost Farebox Below Route Name Per Day Per Day Per Day Rev Hr Rev Mile Per Psgr Per Psgr Per Rev Hr Recovery Standards 67 Franklin 1,465 57 57.9 25.3 2.2 \$5.35 \$4.26 \$107.79 20% 68 44th Street 57 28.0 2.4 \$3.75 \$104.85 23% 1,623 58.0 \$4.84 72 Rosemont-Lincoln Village 1,206 62 49.6 24.3 2.9 \$5.57 \$4.48 \$108.89 20% 74 287 29 18.5 2.0 \$7.32 \$6.22 \$115.24 15% Χ International 15.5 75 Mather Field 202 14 31.7 2.8 \$4.28 \$3.18 \$100.79 26% 6.4 80 Watt-Elkhorn 1.290 32 40.8 31.6 2.5 \$4.28 \$3.19 \$100.86 26% 81 Florin-65th Street 3,665 119 35.9 3.3 \$3.77 \$2.68 \$96.18 29% 102.0 82 Howe-65th Street 28.7 2.2 \$104.09 23% 1,882 66 65.6 \$4.72 \$3.63 \$3.52 84 Watt Avenue-North Highlands 1.120 28 38.2 29.4 2.4 \$4.62 \$103.36 24% San Juan-Silver Eagle 86 1,664 61 57.1 29.1 2.4 \$4.65 \$3.56 \$103.60 24% 1,358 87 55 44.1 30.8 3.8 \$4.40 \$3.30 \$101.74 25% Howe 1,004 88 West El Camino 58 \$5.03 22% 37.3 26.9 2.3 \$3.94 \$106.03 93 54 2.2 Hillsdale 1,199 47.0 25.5 \$5.31 \$4.22 \$107.58 21% 103 Auburn Blvd 114 8 4.2 26.9 1.6 \$5.03 \$3.94 \$106.03 22% \$104.06 109 110 28.7 \$3.62 **Hazel Express** 4 3.8 1.1 \$4.72 23%

Cost figures based on fully allocated cost of \$135.54 per revenue hour. Average fare assumed to be \$1.096 per boarding passenger.

^{*} Indicates route with substantial changes in September 2012



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Quarterly Ridership Report Period Ending December 31, 2012

Saturday Bus Ridership

1/1/13 - 3/31/13 (Goal = 15)(Goal < \$9.03) Boardings Trips Rev Hrs Psar Per Psar Per Full Cost Net Cost Net Cost Farebox Below Route Name Per Day Per Day Per Day Rev Hr Rev Mile Per Psgr Per Psgr Per Rev Hr Recovery Standards Greenback 1,232 63 43.5 28.3 2.4 \$4.78 \$3.69 \$104.48 23% Truxel Road * 314 Χ 11 26 21.3 14.8 1.3 \$9.18 \$8.09 \$119.36 12% 15 Rio Linda Blvd-O Street 744 29 2.4 \$2.97 \$98.99 27% 22.3 33.3 \$4.06 19 Rio Linda * 430 20 21.2 20.2 1.1 \$6.69 \$5.60 \$113.35 16% 21 769 42 16.9 Sunrise 45.6 1.7 \$8.04 \$6.94 \$117.06 14% 2.2 23 El Camino 1,714 50 28.1 \$4.82 \$3.73 23% 61.0 \$104.73 25 Marconi * 506 21 20.5 24.7 1.4 \$5.49 \$4.40 \$108.50 20% 26 Fulton 404 21 28.4 2.4 \$4.78 \$3.68 \$104.46 23% 14.3 30 J Street (DASH) 580 53 28.9 20.1 2.3 \$6.75 \$5.65 \$113.53 16% 38 P/Q Streets 251 25 19.3 13.0 1.2 \$10.41 \$9.31 \$121.27 11% Χ 51 Broadway-Stockton 2.246 64 60.3 37.3 4.0 \$3.64 \$2.54 \$94.69 30% 54 Center Parkway * 172 24 12.7 13.5 1.2 \$10.02 \$8.93 \$120.72 11% Χ 55 320 19 26.8 2.3 \$5.06 \$3.97 \$106.21 22% Scottsdale 12.0 56 Pocket-C.R.C. 1,196 53 35.1 34.1 2.7 \$3.98 \$2.88 \$98.21 28% 62 454 29 32.8 1.5 \$9.79 \$8.69 \$120.36 11% Freeport 13.8 Χ 28 23% 67 Franklin 804 27.8 29.0 2.4 \$4.68 \$3.58 \$103.80 68 44th Street 847 28 28.1 30.1 2.5 \$4.50 \$3.40 \$102.51 24% 72 \$109.65 Rosemont-Lincoln Village 332 23 14.1 23.6 2.0 \$5.74 \$4.64 19% 75 Mather Field 139 11 8.3 16.8 2.4 \$8.07 \$6.97 \$117.13 14% 80 Watt-Elkhorn 856 26 31.8 26.9 2.0 \$5.03 \$3.94 \$106.02 22% Florin-65th Street 81 1,820 58 57.0 31.9 2.8 \$4.24 \$3.15 \$100.53 26% 82 Howe-65th Street 611 31 30.7 19.9 1.6 \$5.71 16% \$6.81 \$113.71 84 Watt Avenue-North Highlands 553 1.7 \$111.12 20 24.8 22.3 \$6.08 \$4.99 18% 86 San Juan-Silver Eagle 644 28 22.0 29.3 2.1 \$4.62 \$3.53 \$103.41 24% 87 497 29 14.4 34.6 2.6 \$97.65 28% Howe \$3.92 \$2.82 West El Camino 88 414 26 14.8 27.9 2.1 \$4.86 \$3.76 \$104.98 23% 93 Hillsdale 465 22 14.8 31.4 2.1 \$4.32 \$3.22 \$101.14 25%

Cost figures based on fully allocated cost of \$135.54 per revenue hour (FY13 budget) Average fare assumed to be \$1.096 per boarding passenger (FY13 budget)

^{*} Indicates route with substantial changes in September 2012





Sun/Hol Bus Ridership

1/1/13 - 3/31/13 (Goal = 15)(Goal < \$9.03) Boardings Trips Rev Hrs Psar Per Psar Per Full Cost Net Cost Net Cost Farebox Below Route Name Per Day Per Day Per Day Rev Hr Rev Mile Per Psgr Per Psgr Per Rev Hr Recovery Standards Greenback 19.5 \$6.94 865 63 44.3 1.7 \$5.85 \$114.14 16% 15 Rio Linda Blvd-O Street 498 26 22.7 22.0 1.8 \$6.16 \$5.07 \$111.44 18% 19 Rio Linda * 343 20 20.3 16.9 0.9 \$8.03 \$6.93 \$117.03 14% 21 Sunrise 458 30 32.1 14.3 1.4 \$9.51 \$8.41 \$119.91 12% Χ 23 El Camino 1.107 28 39.3 28.2 2.5 \$3.72 23% \$4.81 \$104.68 1.5 26 Fulton 248 20 22.5 \$6.03 \$110.90 18% 11.1 \$4.93 J Street (DASH) 30 303 28 14.8 20.5 2.3 \$6.60 \$5.50 \$113.03 17% 38 P/Q Streets 168 20 14.9 11.3 1.0 \$11.99 \$10.89 \$123.15 9% Χ 51 Broadway-Stockton 1,472 50 41.9 35.2 3.4 \$3.85 \$2.76 \$97.00 28% 55 Scottsdale * 16 199 10.9 18.3 1.7 \$7.40 \$6.31 \$115.47 15% 56 Pocket-C.R.C. 694 27 19.0 36.5 3.1 \$3.71 \$2.61 \$95.50 30% \$113.79 67 Franklin 551 28 27.8 19.8 1.7 \$6.83 \$5.73 16% 1.9 68 44th Street 629 28 28.1 22.4 \$111.02 18% \$6.06 \$4.96 72 Rosemont-Lincoln Village 237 22 13.4 17.6 1.5 \$7.69 \$6.60 \$116.23 14% 75 Mather Field 110 11 7.8 14.2 1.9 \$9.53 \$8.44 \$119.96 11% Χ 80 Watt-Elkhorn 653 23 26.7 1.7 \$5.08 \$106.30 22% 24.5 \$3.98 81 Florin-65th Street 964 29 28.5 33.9 3.0 \$4.00 \$2.91 \$98.44 27% 82 28 1.3 Howe-65th Street 447 27.5 16.3 \$8.34 \$7.24 \$117.72 13% San Juan-Silver Eagle 86 407 21 15.9 25.6 1.7 \$5.30 \$4.21 \$107.52 21% \$104.66 87 Howe 293 21 10.4 28.2 2.1 \$4.81 \$3.71 23% West El Camino 312 1.6 88 26 12.9 24.3 \$5.59 \$4.49 \$108.96 20% \$5.87 93 Hillsdale 341 22 14.8 23.1 1.5 \$4.77 \$110.23 19%

Cost figures based on fully allocated cost of \$135.54 per revenue hour (FY13 budget) Average fare assumed to be \$1.096 per boarding passenger (FY13 budget)

* Indicates route with substantial changes in September 2012





CBS Ridership

1/1/13 - 3/31/13 (Goal < \$9.414) (Goal > 15)**Boardings** Rev Hrs Psgr Per Full Cost Net Cost Net Cost Farebox Contract Below Trips Psgr Per Per Psgr Route Per Day Per Dav Per Day Rev Hr Rev Mile Per Psgr Per Rev Hr Recovery Service Standards Name 33 237 \$7.64 \$135.03 Dos Rios 60 11.5 20.6 2.9 \$6.54 14% 47 Phoenix Park Χ 199 24 13.5 14.7 1.3 \$10.71 \$9.62 \$141.52 10% 85 McClellan Shuttle 30 14 6.4 4.8 0.2 \$33.05 \$31.95 \$152.42 3% Χ 95 Citrus Heights-Antelope Rd * 59 23 5.5 \$151.66 4% Χ 10.8 0.4 \$28.84 \$27.74 170 Eastside Flyer 89 8 56% Χ 7.0 12.7 8.0 \$12.39 \$5.45 \$69.36 6 Χ Westside Flyer 66 4.9 \$5.05 \$68.46 57% 171 13.6 5.1 \$11.63 8 \$72.81 Χ 172 Central Flyer 69 7.3 9.6 4.0 \$16.45 \$7.60 54% 173 Square Flyer 21 2 1.6 13.2 4.9 \$11.91 \$5.20 \$68.80 56% Χ 26 18 6.5 3.9 \$73.38 53% 176 Cordovan - Anatolia 0.3 \$40.14 \$18.68 58 Χ 177 Rancho Cordovan 96 7.1 13.5 0.9 60% \$11.69 \$4.66 \$62.90 178 Granite Shuttle 79 41 11.6 6.8 1.2 \$23.20 \$15.85 \$107.73 32% Χ

Routes 85, 95 170, 171, 172, 173, 176, 177, and 178 are operated according to a service agreement Contract revenue has been treated as fare revenue, reducing net cost and increasing farebox recovery Fixed and indirect overhead costs are included in all financial figures CBS cost figures based on fully allocated cost of \$157.65 per revenue hour (FY13 budget) Average fare assumed to be \$1.096 per boarding passenger (FY13 budget) List excludes CityRide dial-a-ride service launched 10/29/12

^{*} Indicates route with substantial changes in September 2012

18.5



Quarterly Ridership Report Period Ending December 31, 2012

	d Analysis Daily Ridership	3								Sep. 1 - I	Dec. 31
/Welage D	any reactoring		Daily Bo	pardings			Revenu	ie Hours		Boardings	/ Rev Hour
		FY 2013	FY 2012	Variance	%	FY 2013	FY 2012	Variance	%	FY 2013	FY 2012
	Mon-Fri	49,517	47,810	1,707	3.6%	1,755	1,647	108	6.6%	28.2	29.0
S	Saturday	18,567	18,209	358	2.0%	739	727	12	1.7%	25.1	25.0
BUS	Sun/Hol	10,728	10,511	217	2.1%	483	490	-7	-1.4%	22.2	21.5
	CBS (Mon-Fri)	1,079	304	775	254.9%	88	66	22	33.3%	12.3	4.6
Ö	Mon-Fri	49,348	46,940	2,408	5.1%	263	218	45	20.7%	187.7	215.5
=	Saturday	17,184	17,210	-25	-0.1%	159	120	39	32.0%	108.1	143.0
RA KA	Sun/Hol	13,065	13,448	-383	-2.8%	138	123	15	12.2%	94.4	109.0
Blue	Mon-Fri	25,618	24,216	1,403	5.8%	117	109	8	7.5%	219.4	223.0
	Saturday	8,371	n/a*	n/a*	n/a*	75	59	16	26.2%	112.2	n/a*
Line	Sun/Hol	7,016	7,165	-149	-2.1%	65	65	0	-0.1%	108.7	110.9
Gold	Mon-Fri	23,455	22,724	730	3.2%	131	109	22	20.2%	178.7	208.1
	Saturday	8,814	n/a*	n/a*	n/a*	84	61	23	37.6%	104.5	n/a*
Line	Sun/Hol	6,049	6,283	-234	-3.7%	74	59	15	25.6%	81.9	106.9

Line

Green

Mon-Fri

Tuesd Assets

275

15

In April 2012 light rail service hours increased 8.3 percent (8th Train was added to the Gold Line for schedule adherence purposes)

In June 2012 service began on the Green Line

In Sept. 2012 weekday light rail service hours were increased by 5.5 percent (additional two hours evening service)

In Sept. 2012 Saturday light rail service hours were increased by 19.3 percent (additional two hours evening service)

In Sept. 2012 weekday bus service was increased 6.2 percent (major service changes)

New CBS service in past year includes Granite Shuttle, North Natomas Flyer routes, new Rancho Cordovan Anatolia route, and Route 95 - Citrus Heights

^{*} Saturday Light Rail ridership from FY 2012 was determined to be unreliable for comparison purposes due to fluctuation in the random sample set

Trend Analysis Average Daily Ridership

Bus - Weekdays

		9/1	/12 - 12/31	/12	9/1	/11 - 12/31	Variance				
Route	Name	Boardings	Rev Hrs	Psgr/Hr	Boardings	Rev Hrs	Psgr/Hr	Boar	dings	Rev	/ Hrs
1	Greenback	3,406	100	34	3,446	83	42	-41	-1%	17	21%
2	Riverside	554	25	22	577	25	23	-23	-4%	0	0%
3	Riverside Express	228	6	41	227	6	39	0	0%	0	-3%
5	Meadowview-Valley Hi	285	16	18	329	15	22	-44	-13%	1	7%
6	Land Park	393	25	16	379	25	15	14	4%	0	0%
7	Pocket Express	145	4	35	145	4	35	0	0%	0	0%
11	Truxel Road	773	30	26	663	27	25	110	17%	3	11%
13	Northgate	389	21	19	337	18	19	53	16%	3	18%
14	Norwood (eliminated)				420	21	20	-420	-100%	-21	-100%
15	Rio Linda Blvd-O Street	1,618	54	30	1,445	53	27	173	12%	1	1%
19	Rio Linda	1,056	41	26	771	40	19	285	37%	1	2%
21	Sunrise	1,419	67	21	1,461	63	23	-42	-3%	4	6%
22	Arden	345	13	26	351	15	24	-6	-2%	-2	-10%
23	El Camino	2,599	80	32	2,501	77	32	98	4%	3	4%
24	Madison-Greenback	141	9	15	155	9	16	-14	-9%	0	-2%
25	Marconi	1,144	54	21	1,054	39	27	90	9%	15	39%
26	Fulton	1,459	51	29	1,113	36	31	346	31%	14	39%
28	Fair Oaks-Folsom	288	25	11	297	25	12	-9	-3%	0	0%
29	Arden-California Avenue	147	4	38	138	4	35	9	7%	0	-2%
30	J Street (DASH)	2,140	85	25	1,792	67	27	349	19%	18	26%
31	River Park (eliminated)				505	19	27	-505	-100%	-19	-100%
34	McKinley	348	26	13	318	26	12	29	9%	0	-1%
38	P/Q Streets	644	30	22	709	30	24	-65	-9%	0	0%
51	Broadway-Stockton	4,900	132	37	4,347	100	43	552	13%	32	32%
54	Center Parkway	639	26	24	620	26	24	19	3%	1	3%
55	Scottsdale	803	35	23	668	16	41	135	20%	19	118%
56	Pocket-C.R.C.	2,218	51	44	2,135	47	45	83	4%	3	7%
61	Fruitridge	734	31	24	725	31	23	9	1%	0	0%
62	Freeport	1,537	61	25	1,510	61	25	28	2%	0	0%



Trend Analysis Average Daily Ridership

Bus - Weekdays

	<u> </u>	9/1	/12 - 12/31	/12	9/1	/11 - 12/31	/11		Variar	nce	
Route	Name	Boardings	Rev Hrs	Psgr/Hr	Boardings	Rev Hrs	Psgr/Hr	Boar	dings	Rev	Hrs
65	Franklin South	403	27	15	408	16	26	-4	-1%	11	68%
67	Franklin	1,501	58	26	1,410	58	24	91	6%	0	0%
68	44th Street	1,648	58	28	1,603	59	27	45	3%	-1	-1%
72	Rosemont-Lincoln Village	1,264	50	25	1,394	50	28	-129	-9%	0	0%
74	International	319	16	21	303	16	20	16	5%	0	0%
75	Mather Field	205	6	32	197	7	29	9	4%	0	-6%
80	Watt-Elkhorn	1,303	41	32	1,195	38	31	108	9%	3	7%
81	Florin-65th Street	3,546	102	35	3,466	95	36	80	2%	7	7%
82	Howe-65th Street	2,031	66	31	1,854	61	31	177	10%	5	8%
84	Watt Avenue-North Highlands	1,175	38	31	1,121	37	30	53	5%	1	2%
86	San Juan-Silver Eagle	1,716	57	30	1,708	57	30	8	0%	0	0%
87	Howe	1,492	44	34	1,507	47	32	-15	-1%	-3	-7%
88	West El Camino	1,064	37	29	1,090	42	26	-26	-2%	-5	-11%
93	Hillsdale	1,266	47	27	1,192	48	25	74	6%	-1	-1%
103	Auburn Blvd	126	4	30	136	4	32	-9	-7%	0	-2%
109	Hazel Express	107	4	28	90	4	24	17	19%	0	0%
	TOTAL	49,517	1,755	28	47,810	1,647	29	1,707	3.6%	109	6.6%

Trend Analysis

Bus - Saturday

Average Daily Ridership

	The age Daily That is an in particular to the pa		9/1/12 - 12/31/12			9/1/11 - 12/31/11				Variance			
Route	Name	Boardings	Rev Hrs	Psgr/Hr	Boardings	Rev Hrs	Psgr/Hr	Boar	dings	Rev	v Hrs		
1	Greenback	1,254	43	29	1,139	44	26	115	10%	-1	-2%		
11	Truxel Road	270	21	13				270	n/a	21	n/a		
15	Rio Linda Blvd-O Street	723	22	32	645	22	29	78	12%	0	0%		
19	Rio Linda	382	21	18	418	21	19	-36	-9%	0	-1%		
21	Sunrise	735	46	16	742	36	20	-7	-1%	9	26%		
22	Arden				234	11	21	-234	-100%	-11	-100%		
23	El Camino	1,727	61	28	1,685	61	28	42	3%	0	0%		
25	Marconi	458	21	22	515	24	21	-57	-11%	-4	-15%		
26	Fulton	363	14	25	365	14	26	-2	-1%	0	0%		
30	J Street (DASH)	624	29	22	600	29	21	25	4%	0	0%		
34	McKinley				53	9	6	-53	-100%	-9	-100%		
38	P/Q Streets	233	19	12	271	19	14	-38	-14%	0	0%		
47	Phoenix Park				116	9	14	-116	-100%	-9	-100%		
51	Broadway-Stockton	2,118	60	35	2,070	60	34	48	2%	0	0%		
54	Center Parkway	169	13	13				169	n/a	13	n/a		
55	Scottsdale	266	12	22	275	12	24	-9	-3%	0	4%		
56	Pocket-C.R.C.	1,172	35	33	1,114	34	33	58	5%	1	4%		
62	Freeport	433	33	13	437	29	15	-4	-1%	4	15%		
67	Franklin	793	28	29	790	27	30	3	0%	1	4%		
68	44th Street	789	28	28	767	28	28	22	3%	0	1%		
72	Rosemont-Lincoln Village	352	14	25	356	14	25	-4	-1%	0	0%		
75	Mather Field	133	8	16	127	8	15	7	5%	0	0%		
80	Watt-Elkhorn	834	32	26	796	32	25	38	5%	0	0%		
81	Florin-65th Street	1,604	57	28	1,572	57	27	32	2%	0	-1%		
82	Howe-65th Street	603	31	20	542	30	18	60	11%	1	2%		
84	Watt Avenue-North Highlands	524	25	21	527	25	21	-3	-1%	0	0%		
86	San Juan-Silver Eagle	618	22	28	700	22	32	-81	-12%	0	0%		
87	Howe	495	14	34	519	14	36	-25	-5%	0	0%		
88	West El Camino	414	15	28	405	15	27	9	2%	0	0%		
93	Hillsdale	481	15	32	429	20	22	52	12%	-5	-25%		
	TOTAL	18,567	739	25	18,209	727	25	358	2.0%	12	1.7%		
		-			-								

Trend Analysis Average Daily Ridership

Bus - Sun/Hol

			/12 - 12/31	/12	9/1	/11 - 12/31		Variar	nce		
Route	Name	Boardings	Rev Hrs	Psgr/Hr	Boardings	Rev Hrs	Psgr/Hr		dings	Re	v Hrs
1	Greenback	821	44	19	769	45	17	52	7%	0	-1%
15	Rio Linda Blvd-O Street	488	23	22	474	23	21	14	3%	0	0%
19	Rio Linda	316	20	16	306	20	15	10	3%	0	0%
21	Sunrise	441	32	14	459	27	17	-18	-4%	5	18%
23	El Camino	1,032	39	26	1,060	39	27	-29	-3%	0	0%
26	Fulton	231	11	21	247	11	22	-16	-7%	0	0%
30	J Street (DASH)	332	15	22	290	15	20	43	15%	0	0%
					38	9	4	-38	-100%	-9	-100%
38	P/Q Streets	178	15	12	196	15	13	-18	-9%	0	0%
51	Broadway-Stockton	1,389	42	33	1,353	42	32	36	3%	0	0%
55	Scottsdale	173	11	16	135	9	15	38	28%	2	25%
56	Pocket-C.R.C.	664	19	35	639	21	30	25	4%	-2	-9%
67	Franklin	530	28	19	519	27	19	11	2%	1	4%
68	44th Street	597	28	21	551	28	20	45	8%	0	1%
72	Rosemont-Lincoln Village	227	13	17	238	13	18	-11	-5%	0	0%
75	Mather Field	100	8	13	100	8	13	0	0%	0	0%
80	Watt-Elkhorn	611	24	25	612	24	25	-1	0%	0	0%
81	Florin-65th Street	863	28	30	841	28	30	22	3%	0	1%
82	Howe-65th Street	439	28	16	388	27	14	51	13%	0	1%
86	San Juan-Silver Eagle	383	16	24	407	16	26	-24	-6%	0	0%
87	Howe	276	10	27	274	10	26	2	1%	0	0%
88	West El Camino	284	13	22	302	13	23	-19	-6%	0	0%
93	Hillsdale	353	15	24	312	20	16	42	13%	-5	-25%
	TOTAL	10,728	483	22	10,511	490	21	217	2.1%	-8	-1.5%



Trend Analysis CBS - Weekdays

Average Daily Ridership

		9/1	/12 - 12/31/	/12	9/1	/11 - 12/31/	/11		Varia	nce	
Route	Name	Boardings	Rev Hrs	Psgr/Hr	Boardings	Rev Hrs	Psgr/Hr	Boar	dings	Rev	/ Hrs
16	Del Paso Hts-Norwood Avenue				160	11	14	-160	-100%	-11	-100%
33	Dos Rios	247	11	22	141	11	12	107	76%	0	0%
47	Phoenix Park	225	14	17	211	14	16	14	7%	0	0%
85	McClellan Shuttle	34	6	5	32	6	5	1	4%	0	0%
95	Citrus Heights-Antelope Rd	56	11	5				56	n/a	11	n/a
170	Eastside Flyer	110	7	16				110	n/a	7	n/a
171	Westside Flyer	49	5	10				49	n/a	5	n/a
172	Central Flyer	128	7	18				128	n/a	7	n/a
173	Square Flyer	10	2	6				10	n/a	2	n/a
176	Cordovan - Anatolia	28	7	4				28	n/a	7	n/a
177	Rancho Cordovan	106	7	15	132	12	11	-26	-19%	-5	-42%
178	Granite Shuttle	87	12	8	99	11	9	-12	-12%	0	2%
	TOTAL	1,079	88	12	775	66	12	304	39%	22	33%





Trend Analysis

Average Daily Ridership

Blue Line - Weekdays

BLUE LINE - TOTAL		Ended ¹ D/09		Ended ² 0/10	Year I	Ended 0/11		Ended 0/12		3 YTD ³ 12/31/12		Change 2 to 2013
	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off
WATT / I-80	2,487	2,295	2,111	2,087	1,785	1,825	2,164	2,108	2,319	2,182	7%	4%
WATT I-80 WEST	96	216	102	161	143	150	116	116	121	135	4%	16%
ROSEVILLE RD	699	1,178	634	1,035	677	713	633	736	600	673	-5%	-9%
MARCONI / ARCADE	1,262	934	999	928	827	716	916	870	1,088	971	19%	12%
SWANSTON	416	417	313	267	271	294	269	299	304	291	13%	-3%
ROYAL OAKS	751	707	547	437	429	398	515	417	584	553	13%	33%
ARDEN / DEL PASO	1,644	1,917	1,605	1,777	1,186	1,366	1,361	1,606	1,333	1,580	-2%	-2%
GLOBE AVENUE	317	374	309	320	243	253	296	301	310	280	5%	-7%
ALKALI FLAT / LA VALENT	1,805	1,402	1,256	1,199	920	948	949	978	1,150	1,003	21%	3%
12TH & I STREETS	732	711	639	677	512	551	612	662	505	557	-18%	-16%
CATHEDRAL SQUARE	1,203	1,295	998	1,111	885	893	846	939	718	997	-15%	6%
7TH / 9TH & K	3,136	2,972	2,629	2,156	1,825	1,652	2,022	1,887	1,962	1,907	-3%	1%
7TH / 8TH & CAPITOL	1,061	955	967	753	701	616	673	629	640	636	-5%	1%
8TH & O STREETS	891	714	855	653	754	668	763	679	754	716	-1%	5%
ARCHIVES PLAZA	730	521	619	511	478	484	519	487	472	448	-9%	-8%
13TH STREET	398	541	446	496	346	392	429	416	511	511	19%	23%
16TH STREET	2,758	2,850	2,454	2,564	1,767	1,982	2,213	2,396	2,266	2,374	2%	-1%
BROADWAY	1,218	1,503	1,073	1,127	863	924	1,030	930	1,137	1,052	10%	13%
4TH/WAYNE HULTGREN	677	812	850	656	637	570	760	577	853	735	12%	27%
CITY COLLEGE	1,795	1,896	1,923	2,061	1,433	1,393	1,757	1,682	2,025	2,066	15%	23%
FRUITRIDGE	822	762	654	633	535	552	675	682	691	676	2%	-1%
47TH AVE	673	718	626	721	649	576	717	728	776	767	8%	5%
FLORIN	2,322	2,085	1,672	1,902	1,383	1,341	1,508	1,723	1,755	1,737	16%	1%
MEADOWVIEW	3,456	3,575	3,050	3,098	2,443	2,437	2,813	2,706	2,809	2,837	0%	5%
	31,349	31,349	27,331	27,331	21,693	21,692	24,555	24,555	25,682	25,682	5%	5%

FY 2009 is actually FY 2009 Q4 data only. Full year total was 31,667.

FY 2010 data ends on 6/20/10 when major service changes were adopted

FY 2013 YTD data purposes excludes data prior to September 2013 service changes





Trend Analysis

Average Daily Ridership

Gold Line - Weekdays

		Ended ¹	Year E	Ended ²	Year	Ended		Ended	l .	3 YTD ³		Change
GOLD LINE - TOTAL	6/3	0/09	6/30	0/10	6/30	0/11	6/30	0/12	9/2/12 -	12/31/12	FY 2012	2 to 2013
	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off
SAC VALLEY	749	951	741	619	490	561	504	482	363	371	-28%	-23%
7TH & I	715	-	636	-	379	34	375	22	385	6	3%	-72%
8TH & H	-	-	-	-	-	-	55	304	20	245	-63%	-20%
7TH & K	-	-	687	13	886	61	1,047	47	1,161	30	11%	-36%
8TH & K	-	1,922	-	1,972	80	1,585	71	1,567	41	1,400	-43%	-11%
7TH / 8TH & CAPITOL	1,716	557	982	460	633	649	610	572	526	497	-14%	-13%
8TH & O STREETS	1,165	672	946	632	911	767	871	832	790	754	-9%	-9%
ARCHIVES PLAZA	1,085	618	897	628	723	745	691	699	633	616	-8%	-12%
13TH STREET	780	648	718	526	536	460	524	484	731	577	40%	19%
16TH STREET	3,139	2,368	2,974	2,476	2,168	2,169	2,437	2,367	2,380	2,665	-2%	13%
23RD STREET	809	911	763	773	625	610	661	580	597	601	-10%	4%
29TH STREET	2,235	2,238	2,079	1,919	1,597	1,622	1,817	1,684	1,880	1,680	4%	0%
39TH STREET	504	525	386	340	355	310	353	307	426	331	21%	8%
48TH STREET	209	340	241	232	194	237	204	227	192	229	-6%	1%
59TH STREET	391	259	365	291	255	294	303	245	346	339	14%	39%
65TH STREET	1,945	2,544	1,826	1,920	1,523	1,520	1,670	1,762	1,910	1,980	14%	12%
POWER INN ROAD	1,108	1,321	1,181	1,201	832	806	846	806	809	831	-4%	3%
COLLEGE GREENS	1,153	973	856	878	769	752	823	779	806	754	-2%	-3%
WATT / MANLOVE	1,299	1,483	1,318	1,665	1,185	1,170	1,214	1,330	1,391	1,496	15%	13%
STARFIRE	575	889	605	628	439	358	511	388	582	491	14%	27%
TIBER	384	420	388	461	307	323	372	383	363	407	-2%	6%
BUTTERFIELD	817	664	741	790	677	662	737	705	721	700	-2%	-1%
MATHER FIELD / MILLS	2,581	2,279	2,048	2,350	1,600	1,632	1,762	1,914	1,960	2,110	11%	10%
ZINFANDEL	1,034	1,064	1,236	1,201	878	833	942	921	1,141	1,204	21%	31%
CORDOVA TOWN CTR	654	638	788	781	652	601	684	698	709	645	4%	-8%
SUNRISE	823	938	972	1,111	836	825	840	909	954	906	13%	0%
HAZEL	189	285	187	445	199	190	215	239	218	222	2%	-7%
IRON POINT	419	643	363	593	446	466	481	537	519	519	8%	-3%
GLENN	264	436	256	360	325	308	289	294	302	254	4%	-14%
HIST FOLSOM	433	590	582	495	512	460	533	510	549	548	3%	7%
	27,175	27,175	25,760	25.759	21,009	21,010	22,443	22,591	23,407	23,407	4%	4%

FY 2009 data is actually Q4 stop-level data adjusted to match full year totals.

FY 2010 data ends on 6/20/10 when major service changes were adopted

FY 2013 YTD data purposes excludes data prior to September 2013 service changes

Post-Service Change Analysis

On September 2, 2012, following the TransitRenewal comprehensive operational analysis of RT's system, major service changes were made to RT's bus and light rail system, including:

- an additional two hours of evening service on light rail on weekdays,
- an additional hour of evening service on light rail on Saturdays,
- an additional hour of evening service on major bus routes on weekdays,
- headway improvements to four bus routes (Routes 1, 25, 51, and 55),
- elimination of Routes 14, 16, and 31 on weekdays and of Routes 22, 34, and 47 on weekends,
- realignment of several routes, including Routes
 1, 5, 19, 22, 25, 26, 34, and 54, and other changes.

The service changes increased revenue hours as follows, compared to service levels immediately prior:

Bus Service	Change in Revenue Hours
Weekdays	+6.1 percent
Saturdays	+1.2 percent
Sundays/Holidays	-0.9 percent
Annualized	+5.4 percent

Light Rail Service	Change in Revenue Hours
Weekdays	+5.5 percent
Saturdays	+11.2 percent
Sundays/Holidays	-0.1 percent
Annualized	+5.4 percent

The following is a special report on ridership impacts observed since the changes were implemented. All comparisons are for the period Sep. 1 to Dec. 31 of 2012 compared to 2011 unless otherwise noted.

Route 1 (Greenback) - An extra hour of evening service was added, headways were improved from 20 to 15

minutes and the segment north of I-80 was eliminated (changed to Route 26) on weekdays. Excluding the eliminated segment, average daily ridership went from 3,058 to 3,406, an increase of 348 or 11 percent. Service levels increased approximately 33 percent on the same portion of the route. On-time performance is now exceeding 85 percent compared to 79 percent last year.

Route 5 (Meadowview/Valley Hi) - Service on Power Inn Road was eliminated due to low ridership. Ridership on Route 5 nevertheless decreased, partly due to fewer student riders going to Florin High School.

Route 11 (Truxel) - Two evening trips were added leaving downtown at 6:08 and 6:38 p.m. (last trip was previously 5:38 p.m.). Average daily ridership increased by 110 (+17%) from 663 to 773, while revenue hours only increased by 11 percent. Saturday service was also initiated and averaged 270 boardings per day and 13 boardings per revenue hour.

North Sacramento - Route 14 (Norwood) and Route 16 (Del Paso Hts.) were eliminated. Route 19 (Rio Linda) was realigned to cover Norwood Ave, eliminating a partial redundancy with Route 15 on Rio Linda Blvd. A segment of Route 25 on Del Paso Blvd. was also eliminated due to partial redundancy with Route 15. Overall, for Routes 13, 14, 15, 16, and 19, average weekday ridership decreased by 70 (-2%) from 3,133 to 3,063; however, weekday revenue hours decreased by 28 (-19%) from 143 to 115. Productivity increased from 21.9 to 26.6 boardings per revenue hour.

Route 13 (Northgate) - Connections were adjusted, but the number of trips was unchanged; however, with the elimination of Route 14, Route 13 became the primary way to get from the Arden/Del Paso area to the vicinity of Truxel Road and Gateway Park Blvd. in North Natomas. Average daily ridership on Route 13 consequently increased by 53 boardings per day (+16%) from 337 to 389. An unforeseen drawback was that due to the elimination of Route 14, a single specific morning trip became overloaded. Due to the prevalence of disabled passengers on this trip and the long 60 minute headways, a special tripper bus was added to supplement this trip. Between the tripper service and the schedule adjustments, revenue hours increased as



Post-Service Change Analysis

much as ridership, so productivity remained at 19 boardings per hour, just below RT's standards.

Route 15 (Rio Linda Blvd.) - Route 15 was essentially unchanged; however, the rerouting of Route 19 from Rio Linda Blvd. and the elimination of Route 25 on Del Paso Blvd. resulted in ridership increases on Route 15 as riders used Route 15 instead. Ridership increased on Rio Linda Blvd. by 58 daily boardings and on Del Paso Blvd. by 57 daily boardings. Overall, ridership increased by 173 daily boardings or 12 percent, from 1,445 to 1,618 daily boardings. This increased productivity from 27 to 30 boardings per hour; however, on-time performance declined from 81 to 76 percent.

Route 15 - Average Weekday Ridership

	Before	After	Var	%
Watt/I-80 Stn	141	154	13	9%
Grand Ave.	263	305	42	16%
Rio Linda Blvd.	198	257	58	30%
Del Paso Blvd.	131	188	57	44%
Arden/Del Paso Stn	178	213	35	20%
Downtown Segment	535	502	-33	-6%
Total	1,445	1,618	173	12%

Route 19 (Rio Linda) - Route 19 was rerouted from Rio Linda Blvd. to Norwood Ave., as explained above. Riders on Norwood Ave., which were previously served by Routes 14 and 16, must now use Route 19 for north/south travel on Norwood Ave. (Route 86 still provides east/west travel.) These changes have caused weekday ridership on Route 19 to increase by 285 (+37%) from 771 to 1,056. This has increased productivity from 19 to 26 boardings per hour. This puts Route 19 within RT's minimum productivity standards of 20 boardings per hour. Weekday on-time performance, however, is now 67 percent, compared to 85 percent before.

On weekends, Route 19 now provides service on Norwood Ave., which has not had weekend service since June 2010. On Saturdays, the Norwood Ave. segment averaged 100 daily boardings and on Sundays/Holidays, average daily ridership was 81.

Route 19 - Average Weekday Ridership

	Before	After	Var	%
Arden/Del Paso Stn	85	143	58	69%
Norwood Ave		282		
Del Paso/Rio Linda Blvd.	116			
Remainder of Route	570	631	61	11%
Total	771	1,056	285	37%

Route 22 (Arden) - The segment of Route 22 east of Morse Ave. was eliminated and the route was realigned to serve Kaiser Hospital on Morse Ave. and the Walmart on Watt Ave. Ridership has been virtually unchanged. Revenue hours decreased slightly, while productivity increased from 24 to 26 boardings per hour.

Route 25 (Marconi) - Ridership increased by 100 daily boardings at the Marconi/Arcade light rail station, most likely due to elimination of service to the Arden/Del Paso light rail station. Service was eliminated on Del Paso Blvd., affecting approximately 94 daily riders. Headways were improved from 60 to 30 minutes on Marconi Ave. but kept the same on the remainder of the route. An extra hour of evening service was added so that the last outbound trip from Marconi/Arcade is now at 7:47 p.m. Where headways were improved from 60 to 30 minutes, ridership increased by 32 percent. On the remainder of the route, ridership increased by 16 percent. Overall productivity for the route decreased from 27 to 21 boardings per hour.

Route 25 - Average Weekday Ridership

	Before	After	Var	%
Arden/Del Paso Stn.	100	0		
Del Paso Blvd.	94	0		
Marconi/Arcade Stn.	100	200	100	101%
Marconi Ave.	394	521	126	32%
Remainder of Route	366	423	57	16%
Total	1,054	1,144	90	9%

Route 30, 31, 34 - Route 31, which served J/L Streets like Route 30, but which also served River Park, was discontinued. Route 34 service from CSUS to the 65th Street light rail station was discontinued and the route was realigned to go from CSUS into River Park. This



Post-Service Change Analysis

allowed River Park to still receive hourly service at a reduced overall cost, by eliminating a redundant part of Route 34 (the segment from CSUS to the 65th Street light rail station) which is still served by Routes 82 and 87. Combined ridership on Routes 30, 31, and 34 decreased by 127 daily boardings (-5 percent) from 2,615 to 2,488, while combined revenue hours decreased 1 percent from 112 to 111. Productivity increased on Route 34 from 12.1 to 13.3, decreased on Route 30 from 26.7 to 25.3, and decreased for the group overall from 23.3 to 22.5 boardings per hour.

Route 51 (Stockton) - Weekday headways were improved from 15 to 12 minutes during the day and evening service was extended an hour later, so that the last trip now leaves downtown at 9:54 p.m. Ridership increased by 552 daily boardings (+13 percent) from 4,347 to 4,900. Revenue hours increased 32 percent, while boardings per hour decreased from 43 to 37. Ontime performance has improved from 72 to 80 percent, and anecdotal reports on reliability from operators, supervisors, and student riders have consistently been very positive.

Route 54 (Center Parkway) - Route 54 was extended from Cosumnes River College to Gerber Road via Calvine Road and Power Inn Road. Average daily ridership on the new segment was slightly over 100 boardings. The remainder of the route was adjusted to simplify and straighten the route. Ridership on this part of the route decreased by 50-90 daily riders. An unforeseen consequence of this change was that an additional vehicle became necessary to operate Route 65, which reduced its productivity from 26 to 15 boardings per revenue hour.

Route 55 (Scottsdale) - Weekday headways were improved from 60 to 30 minutes and recovery time was also added to the schedule. Ridership increased by 135 daily riders (+20 percent) from 668, to 803. Revenue hours increased 118 percent, however, due to more than doubling service. The route is, however, running much more reliably at 90 percent on-time, compared to 70 percent a year ago. On Sundays and Holidays, Route 55 was also extended to Cosumnes River College. Previously, the route ended at Kaiser Hospital on Sundays and Holidays. Sunday/Holiday ridership increased by 36 daily boardings (+28 percent) from 135 to 173, while revenue hours increased only 25 percent.

Route 65 (Franklin South) - Although there were no substantive changes to Route 65 ridership or service, statistical productivity was impacted negatively by unrelated changes to Route 54. Historically, the most efficient way to operate these two routes has been to share vehicles between both routes, which share a common terminal at the Florin light rail station. marginal increase in service on Route 54 unfortunately pushed total running time for the two routes combined to a level where an additional bus in service was necessary. The addition of a new bus to the combined schedule added additional recovery time to the combined schedule. In order to minimize disruption to existing passenger schedules on both routes, most of the recovery time was added at the end of Route 65 This resulted in a considerable increase in revenue hours for Route 65 on paper, from 16 to 27 per day, with no commensurate increase in ridership. This has resulted in Route 65's productivity decreasing from 26 to 15 boardings per hour, below RT's standard.

Route 95 (Citrus Heights) - For its first four months of operation, Route 95 averaged 56 daily boardings and 5 boardings per revenue hour.

CityRide - A pilot dial-a-ride service operating in the City of Citrus Heights, CityRide launched at the end of October 2012. CityRide averaged 11 boardings per day for its first month, and is now averaging about 20 daily boardings. This is equivalent to approximately 1.1 boardings per revenue hour. Marketing activities schedule for late February and March are expected to improve ridership and productivity.

Light Rail - An extra two hours of evening service were added on weekdays and an extra hour of evening service was added on Saturdays. In general, the start time for the last round trip of the night was changed from approximately 9:00 p.m. to approximately 11:00 p.m. On weekdays, later rail service was supported by later bus service on major routes, which generally was extended so that the last outbound trip would begin at approximately 10:00 p.m.

Although on a year-over-year basis, weekday revenue hours increased 21 percent, the September 2012 service changes were only a 5.4 percent annual increase over the pre-existing levels. The remainder of the increase from the prior year came from (1) adding running time



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and schedule recovery time to the Gold Line for schedule adherence purposes in April 2012, and (2) adding Green Line service in June 2012.

Although an hour of extra evening service was added on Saturdays on light rail, ridership was virtually unchanged.

Compared to a 5.5 percent increase in revenue hours, weekday light rail ridership increased by 5.1 percent, a gain of 2,408 daily boardings, from 46,940 to 49,348. This compares favorably to the bus system, where overall ridership increased 3.6 percent on a 6.6 percent increase in service.

As would be expected, early morning/late night service increased the most significantly on weekdays, from 5,294 to 6,434 daily boardings, a gain of 2,408 or 21.5 percent. Morning peak service unexpectedly increased by 9.3 percent, a gain of 1,012 daily boardings. Midday and afternoon peak ridership was essentially unchanged.

Light Rail - Average Weekday Boardings

	FY 2013	FY 2012	Variance	Percent
AM Peak	11,891	10,879	1,012	9.3%
Midday	20,170	19,858	311	1.6%
PM Peak	10,853	10,909	-56	-0.5%
Evenings	6,434	5,294	1,140	21.5%
Total	49,348	46,940	2,408	5.1%

^{*} Evenings includes early morning service before 6:00 a.m.

Please note that light rail ridership numbers are based on randomly chosen passenger counts, and that the random sampling technique is geared primarily toward producing an accurate annual number at the mode level for mandatory reporting to the Federal Transit Administration. Quarterly and especially monthly estimates broken down by line, time of day, or station will therefore be less reliable and be considered only in combination with other sources of information.

Average park-and-ride usage, for instance decreased approximately 6.0 percent for the same period. This would seem to cast doubt upon the reported increase in estimated peak-hour morning ridership.

Cash from light rail fare vending machines also decreased approximately 1.5 percent for the same period. Given that discount ticket and pass use as well as fare evasion tend to be greater in the evenings, it is not altogether unexpected that light rail ridership would outpace fare revenue. It should also be noted that only 15-20 percent of light rail riders pay with cash into a fare vending machine; most have a pass that they purchased in advance or on an earlier bus trip.