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# Mobility Management: Fixed-route Bus Service

San Mateo January 9, 2013

## Fixed-route Bus Service

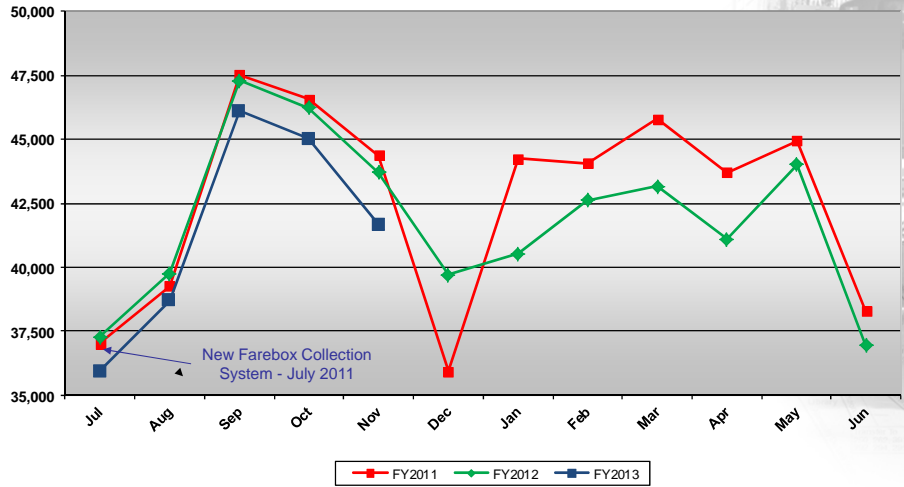
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- Performance Statistics
- FY 2012 Service
- Emissions Reductions
- Human Capital Investment
- Summary



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# Average Weekday Ridership



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# ECR – November Service

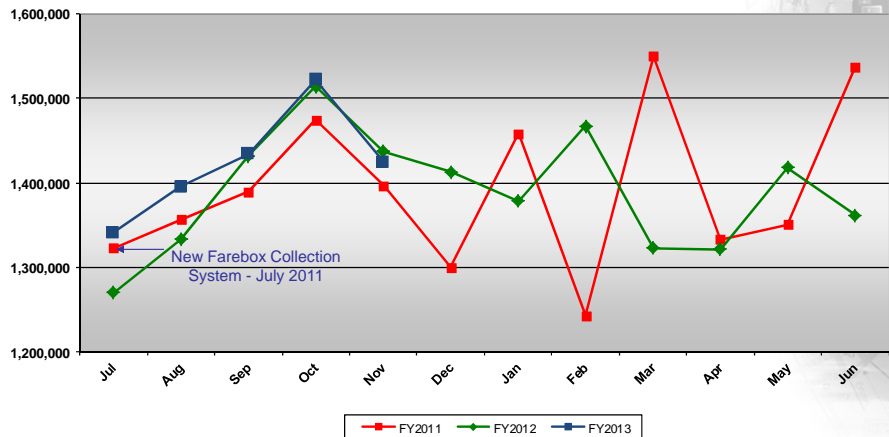


	<u>2011</u>	<u>2012</u>	<u>Change</u>	<u>%Change</u>
Ave. Saturday	7,464	7,582	118	1.6%
Ave. Sunday	6,015	6,661	647	10.7%
Ave. Holiday	3,677	4,230	553	15.0%
Total	57,589	61,201	3,612	6.3%



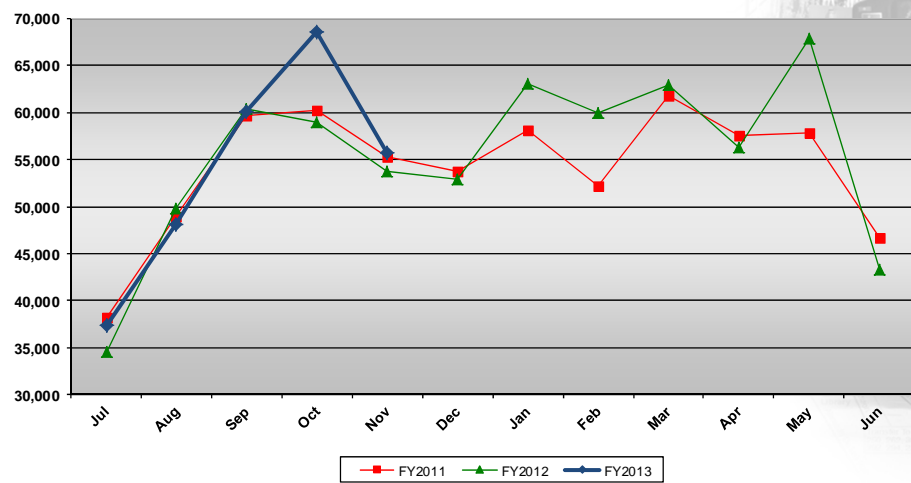
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# Monthly Farebox Revenue



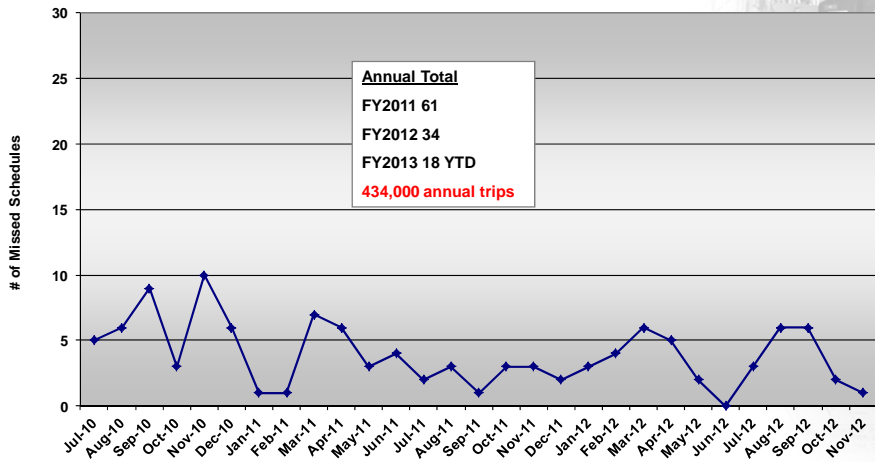
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# Token Usage



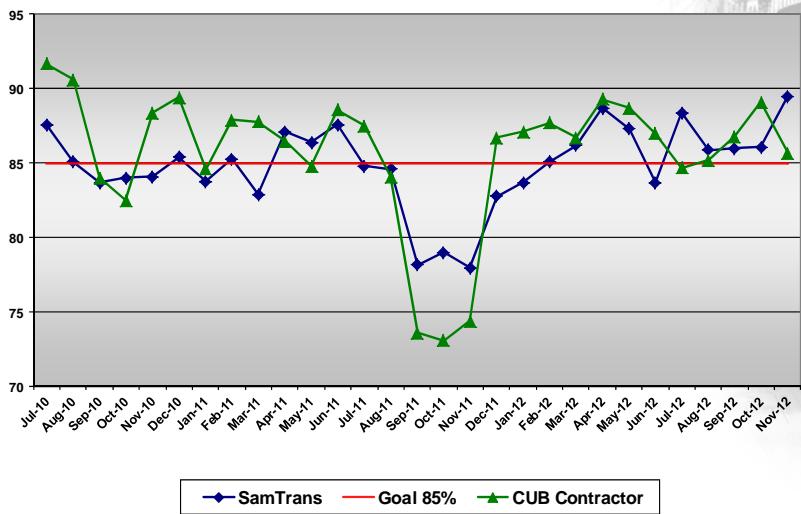
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# Missed Schedules



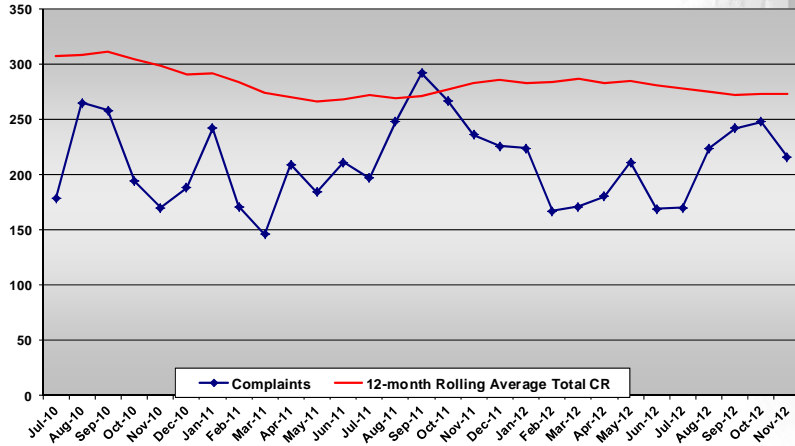
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# On-time Performance



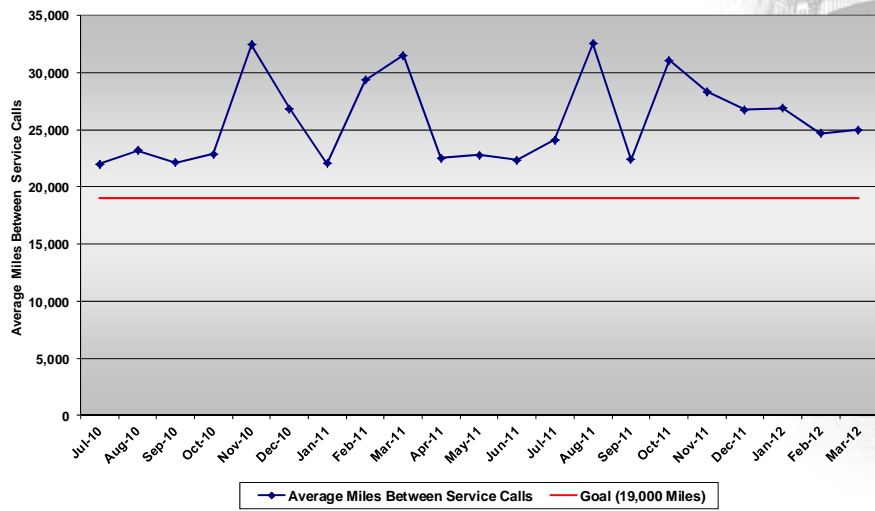
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# Consumer Reports



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# Fleet Reliability



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## FY 2012 Service

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	<u>Passenger Miles</u>	<u>Trips</u>	<u>Ave. Miles Per Trip</u>
SamTrans	42,828,847	9,960,197	4.3
CUB	19,082,911	2,687,734	7.1
Total	61,911,758	12,647,931	4.9



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## Emissions Reductions

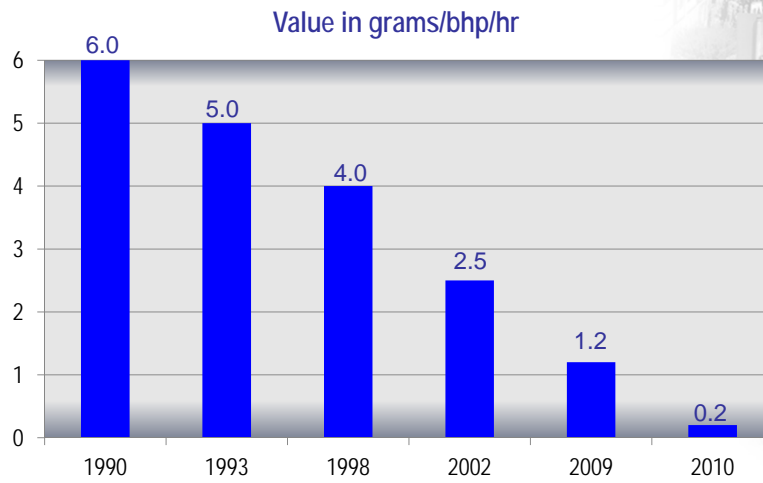
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- 2001 – District chose California Air Resources Board (CARB) diesel path for its fleet
- 2001 – Ultra low sulfur fuel (ULSF) standard in California
- 2002-2004 – ULSF fuel combined with advances in engine and exhaust after treatment significantly reduced emissions
- 2010 – Certified emissions levels for clean-diesel and Compressed Natural Gas (CNG) engines becomes identical

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## Diesel NOx Emissions Reductions

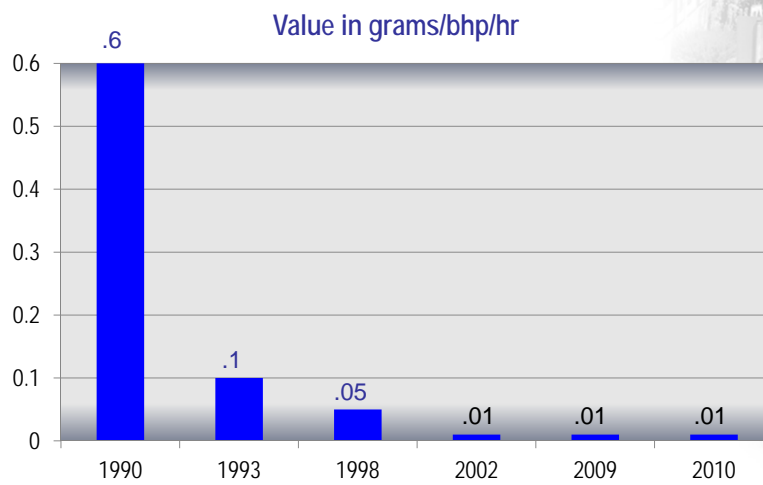
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## Diesel PM Emissions Reductions

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## Emission Reductions/Fuel

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- Replacing oldest fleet (62 -1998 Gillig) will reduce overall fleet emissions and save fuel - \$3.0 million over 12 years
- 25 of 62 new buses will be District's first diesel-electric hybrid drive models
  - Even lower emissions than standard clean diesel
  - Improved fuel economy compared to non-hybrid model
  - Hybrid buses funded by Federal Transit Administration State of Good Repair grant (SOGR)

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## Human Capital Investment

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<u>Hours</u>	<u>Training</u>
6,618	new Bus Operator
1,120	new Maintenance
192	new Bus Transportation Supervisor
3,848	DMV mandated
2,271	Bus Operator retraining
1,080	Professional Development
<u>4,198</u>	Maintenance
19,327	Total hours



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## Summary

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- Bus ridership lower than prior year, but trend may be changing for the better
- New weekend ECR Route is a success
- Monthly farebox revenue is up
- Missed schedules remains extremely low
- On-time performance has improved in recent months
- Consumer Reports and Complaints are low
- Fleet reliability is very high
- New bus purchase will continue to reduce emissions and increase efficiency
- Continuing Human Capital investments

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