

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Staff Report:

**AB 2766 Funds Annual Report from Motor Vehicle Registration Fees
for FY 2008-09**

September 10, 2010

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Other Information Available Upon Request

AB 2766 Motor Vehicle Fee Subvention Fund Program Resource Guide
CARB Criteria and Guidelines for the Use of Motor Vehicle Registration Fees
CARB Motor Vehicle Registration Fees Automated Report
AB 2766 Funds Report from Motor Vehicle Registration Fees – Past Reports

I. BACKGROUND

On-road motor vehicles, including cars, trucks and buses make up the most significant sources of air pollution in the South Coast Air Basin (SCAB). Vehicle emissions contribute to unhealthy levels of ozone, toxic air contaminants such as benzene, and particulate matter from diesel exhaust. To protect public health, Assembly Bill 2766 was signed into law in September 1990. Section 44223 of the H&SC authorized a \$2 motor vehicle registration fee surcharge, effective April 1991, to fund the implementation of programs designed to reduce air pollution from motor vehicles, and to implement the California Clean Air Act of 1988. H&SC Section 44225 authorized a subsequent increase in this fee to \$4 effective April 1992. In 2004, a \$2 surcharge was added pursuant to H&SC Section 44229 to provide a long-term source of funding for expansion of the Carl Moyer Memorial Air Quality Standards Attainment program and to drive early introduction of clean air technology such as cleaner diesel engines, a Lower-Emission School Bus Program, and accelerated vehicle retirement and repair programs.

From the first \$4 of the funds, AB 2766 requires that fees collected by the Department of Motor Vehicles be subvented to the South Coast Air Quality Management District (AQMD) for the purpose of funding three programs with a prescribed allocation as follows: the local government Subvention Fund Program portion (40%) is distributed on a quarterly basis to South Coast Basin cities and counties based upon their prorated share of population to implement projects that reduce emissions from mobile sources; the AQMD Program Fund (30%) goes towards agency planning, monitoring, research, and other activities that reduce mobile source emissions; the Discretionary Fund Program (30%) is administered by the Mobile Source Air Pollution Reduction Review Committee (MSRC), which awards money to project proponents that also reduce motor vehicle emissions. AB 2766 funded projects have many additional benefits including increasing transportation alternatives, relieving traffic congestion, conserving scarce energy resources, and reducing greenhouse gas emissions.

II. REPORTING

This staff report addresses solely the local government subvention portion of AB 2766 monies by accounting for projects, financial expenditures, emissions reduced, and cost-effectiveness of projects implemented through the AB 2766 Subvention Fund Program during FY 2008-09.

AB 2766 fees are collected by the Department of Motor Vehicles and subvented to the AQMD on a monthly basis. The AQMD Finance Division disburses the AB 2766 revenues to local governments quarterly. During FY 2008-09, two new cities were added to the AB2766 Program, Menifee and Wildomar, bringing the total number of local governments (Attachment A) eligible to receive AB 2766 funds (Motor Vehicle Fees) to 160. Pursuant to H&SC Section 44243 (b)(1), newly incorporated cities may receive subvention funds provided they adopt and transmit to the AQMD the specified ordinance within 90 days of official incorporation.

Cities and counties complete and submit an annual report to the AQMD identifying the revenues received, project expenditures, emissions reduced, and cost-effectiveness of each project implemented during the preceding fiscal year. Staff then reviews the data which includes fund expenditures, administrative costs, fund balances, the earmarking of ending balances, emission reductions, and cost-effectiveness. A summary of the information (Attachment B) is forwarded to the California Air Resources Board (CARB) upon consent of the AQMD Governing Board.

III. TECHNICAL ASSISTANCE

Purpose

As directed by the Governing Board in 1998, the AQMD's AB 2766 staff continues to serve as a resource to cities and counties by providing technical guidance for project development and implementation. AQMD places special emphasis on the selection of cost-effective, quantifiable mobile source emission reduction Subvention Fund projects that meet the needs of the local jurisdiction. AQMD staff assists local jurisdictions with emission reduction calculations and advises them in the preparation of their annual reports.

Although AQMD staff reviews and evaluates the AB 2766 reports submitted, AQMD does not have the authority to “approve” or “disapprove” local government’s use of AB 2766 funds for specific projects. Rather, staff is authorized to provide guidance according to AB 2766 criteria and guidelines established by CARB.

AQMD Guidance

To provide guidance in identifying projects that are eligible for AB 2766 funding, an AB 2766 Subvention Fund Program Resource Guide was developed and is updated as needed and made available to local governments. Project descriptions and examples outlined in the Resource Guide are consistent with CARB’s criteria and guidelines for the use of Motor Vehicle Registration Fees, which focus on strategies that directly reduce motor vehicle emissions.

Activities

The AB 2766 staff continues to provide recommendations to CARB staff on ways to improve the automated software for local government staff to report their annually funded projects. AQMD staff conducted, as in prior years, technical training sessions to local government representatives and Council of Government (COG) staff to familiarize them with the updated electronic program and to solicit feedback on its usefulness. Ten AB 2766 technical training sessions were conducted by AQMD staff during the months of January and February 2010.

The AQMD staff provided technical assistance which consisted of meetings with local government staff to address program challenges unique to specific cities/counties, assisted with emissions calculations and provided hands-on instructions in the use of the automated reporting system. Staff will continue to provide enhanced AB 2766 outreach to city mayors, city managers and other decision making local government staff, in order to further educate and encourage implementation of quantifiable, SIP credible, more cost-effective projects that yield direct mobile source emission reductions. These efforts will assist local governments in achieving the 4 ton NO_x reduction, assigned to the AB 2766 Subvention Program in the 2007 AQMP, by the 2014 PM_{2.5} attainment date.

The AQMD staff has reviewed and evaluated the FY 2008-09 annual program reports for the 160 participating local jurisdictions. The results are summarized in the Program Data section of this report.

Several local governments give a portion of their AB 2766 subvention funds to their respective Council of Governments (COGs) in order to pool their resources to implement projects that reduce air pollution from motor vehicles. Table 1 is a summary of the COG activities for COGs receiving AB 2766 funds from their member cities and is provided for informational purposes only. To monitor, track and ensure the cost effectiveness of subvention funds given by local governments to the COGs, local governments have been asked to provide information on the use of the AB 2766 funds that they give to their COGs for mobile source emission reduction projects. COGs provide summary reports to their member cities and the AQMD identifying the funding amount and description of AB 2766 funded projects.

Table 1
Summary of COG Activities

COG Name	Expenditure Amount*	Project Description**
<i>Western Riverside</i>	\$73,500	Ongoing Clean Cities Coalition outreach.
<i>San Gabriel Valley</i>	\$129,173	Coordinated congestion pricing, traffic synchronization and low emission fleet vehicle workshops; ongoing corridor and rail extension planning activities.
<i>Gateway Cities</i>	\$151,908	91/105 Corridor study; collaboration on the I-710 Major Corridor Study; Needs Assessment Study for the SR91/605 Corridor and supported the Rivers and Mountains Conservancy for regional expansion of open space and bikeways; Truck Impacted Intersections Project for improvements to major intersections; pursuing an ITS initiative to improve traffic flow on freeways and highways along the Goods Movement corridor.
<i>Coachella Valley</i>	\$255,572	Regional PM ₁₀ Street Sweeping Program which uses alternative fuel equipment to sweep approximately 40,841 curb miles of regional arterials in the Coachella Valley.

*Expenditure amount as reported by COG member cities.

**Project description as reported by the COG.

IV. PROGRAM DATA

Project Categories

Local governments are required, in accordance with AB 2766 legislation, to utilize the subvented funding dollars they receive to implement projects that reduce motor vehicle emissions. The AQMD Resource Guide summarizes CARB's fund usage criteria and identifies appropriate strategies that, through careful planning and design, will most cost effectively and efficiently reduce emissions from mobile sources. The following is the list of AB 2766 Project Categories (11) and examples of projects that meet the criteria and guidelines established by CARB for AB 2766 fund expenditures:

1. **Alternative Fuels/Electric Vehicles** - Promoting the use of alternative fuels by purchasing or leasing vehicles powered by compressed natural gas, propane, full hybrids that meet SULEV certification standards, fuel cell and electric vehicles; conversion or re-powering conventionally fueled vehicles to an alternative fuel. Installation of alternative fuel infrastructure.
2. **Vehicle Emissions Abatement** - Utilizing cleaner diesel engines, and ensuring that vehicles are properly tuned and maintained; replacing dirty off-road engines with newer,

cleaner diesel engines or installation of particulate trap retrofits for diesel engines; participation in an old vehicle scrapping program.

3. **Land Use** - Implementation of land use strategies that make it easier for pedestrians to walk, bicycle or use public transit, thus reducing automobile trips and emissions; planning, designing and developing facilities that discourage and decrease the use of automobiles.
4. **Public Transportation** - Reducing single occupancy vehicle trips by providing fare subsidies, rail feeder operations, and marketing; purchase or lease of alternative fueled vans, buses or shuttles for shuttle service. Provide public transportation facilities and supporting transit information. Support public transit alternative fuel activities by developing, designing, coordinating and constructing alternative fuel infrastructure.
5. **Traffic Management and Signal Coordination** - Installation of signal synchronization systems, design and installation of pedestrian islands, turning lanes, pedestrian traffic controls, changeable message signs and mobilization of freeway tow trucks.
6. **Transportation Demand Management** - Reduction of single occupancy vehicle trips by encouraging carpooling, vanpooling, biking, walking, use of public transit, telecommuting, or implementation of compressed work week schedules. Developing programs that focus on reducing trips to special event centers or other attractions; support of Park and Ride facilities.
7. **Market Based Strategies** - Developing and implementing user fees or congestion charges to encourage behavioral changes for consumers to use less congesting or less polluting forms of transportation; implementation of Parking Cash-out Programs.
8. **Bicycles** - Designing, developing and/or installing bikeways or establishing new bicycle corridors; making bicycle facility enhancements/improvements by installing bicycle lockers, bus bike racks; providing assistance with bike loan programs (motorized and standard) for police officers, community members and the general public.
9. **PM Reduction Strategies** - Measures that prevent deposits of dust and other materials from build-up on roadway surfaces; measures to remove materials previously deposited on roadways. Implementing projects designed to significantly reduce or eliminate minute particles of dust (PM₁₀) from roadway surfaces such as paving roads, shoulders, and purchasing AQMD Rule 1186.1 compliant street sweepers.
10. **Public Education** - Ongoing air quality outreach campaigns that educate the public about options that reduce single occupancy vehicle trips when launching new programs such as shuttle services, transit station openings, HOV lanes, and rideshare incentive programs. Dissemination of updated printed materials; developing and conducting group specific presentations; participation in or sponsorship of workshops, forums and conferences.
11. **Miscellaneous Projects** - The "Miscellaneous Project" category allows local jurisdictions to identify projects that reduce mobile source emissions, but are not specifically listed or identified in the AB 2766 Program guidelines.

Project Funding & Quantification

A financial summary of how local governments in the four counties used their AB 2766 subvention funds during FY 2008-09 is provided in Table 2. Local governments spent more of the AB 2766 subvention funds, \$19.9 million, on mobile source emission reduction projects than they received, \$19.2 million, from motor vehicle (MV) fees. They spent 36% of their combined beginning balance and MV fees received, which is a slight increase to what occurred in FY 2007-08 when cities and counties spent 34% (\$17.9 million) of the total beginning balances and MV fees received.

Table 2 also shows that of the \$36.3 million ending balance that local governments reported, approximately \$31.7 million or 88% of the ending balance was earmarked for future projects. This is a significant increase to what occurred in FY 2007-08 when only 76% of the ending balance was earmarked for future projects. Local governments have the ability to carryover earmarked fund balances indefinitely, which provides the flexibility of saving for future large projects or to secure additional co-funding. Riverside County shows a negative fund balance after earmarking because local jurisdictions have the ability to forecast and earmark based on funds that they anticipate receiving.

Table 2

FY 2008-09 Motor Vehicle Funds Financial Summary (As Reported by Local Jurisdictions)

County	Beginning Balance	MV Fees Received	Project Spending	Ending Balance ¹	Earmarked Funds	Funds Remaining After Earmarking
Los Angeles	\$14,783,250	\$11,216,211	\$11,872,896	\$14,531,090	\$11,918,371	\$2,612,719
Orange	\$9,789,445	\$3,609,023	\$3,726,892	\$9,869,330	\$7,497,813	\$2,371,517
Riverside	\$6,469,367	\$2,441,276	\$2,632,033	\$6,446,714	\$8,037,852	-\$1,591,138
San Bernardino	\$5,007,634	\$1,951,042	\$1,648,941	\$5,414,714	\$4,286,864	\$1,127,850
Totals*	\$36,049,695	\$19,217,553	\$19,880,762	\$36,261,851	\$31,740,900	\$4,520,951

*Totals may vary slightly due to rounding.

Table 3 shows the historical funding, project expenditure levels and funds earmarked by local governments over the last seven fiscal years. Motor Vehicle funding subvented to local governments continues to decline, however, local jurisdictions spent substantially more of their AB 2766 funds, on average. Cities receiving AB 2766 funds have earmarked more funds in FY 2008-09 than in any other reporting year of the program, further demonstrating local government awareness of the need for more advanced planning.

¹ The ending balance represents the beginning balance and MV Fees received, minus project spending. Interest earned and administrative costs are reflected, but not shown. Interest earned and Administrative costs are fully detailed in Appendix B.

Table 3
History of MV Funds Financial Summary

Fiscal Year	Beginning Balance	MV Fees Received	Project Spending	Ending Balance	Earmarked Funds	Funds Remaining After Earmarking
2002-03	\$26,442,883	\$17,819,579	\$19,030,646	\$25,861,798	\$20,340,704	\$4,891,112
2003-04	\$27,670,811	\$18,574,896	\$18,332,057	\$28,041,619	\$19,453,169	\$8,460,481
2004-05	\$28,105,843	\$18,991,723	\$20,345,184	\$27,135,692	\$19,296,125	\$7,456,257
2005-06	\$28,382,547	\$19,569,231	\$19,873,515	\$28,659,691	\$18,701,317	\$9,376,946
2006-07	\$31,800,719	\$20,307,032	\$20,112,062	\$33,232,203	\$23,051,795	\$8,943,894
2007-08	\$32,956,998	\$19,932,651	\$17,872,604	\$36,219,271	\$27,374,058	\$8,845,213
2008-09	\$36,049,695	\$19,217,553	\$19,880,762	\$36,261,851	\$31,740,900	\$4,520,951

Table 4 identifies, by county, the number of projects funded by local governments and, of those, the number and percentages of quantified emission reductions achieved during FY 2008-09. Los Angeles County has the majority of the cities in the South Coast Basin and had more projects funded (190) than the other three counties collectively. Orange County had the second highest number of projects funded (75), followed by Riverside County (61) and San Bernardino County (30). Relative to quantified emission reductions, Orange County yielded the highest percentage of quantified projects since reporting FY 03/04 (65%).

Table 4
FY 2008-09 Local Government Project Reporting and Emission Reduction Quantification

County	Number of Local Governments Reporting	Number of Projects Funded	Number of Projects with Emission Reductions Quantified	Percent of Projects with Emission Reductions Quantified
Los Angeles	82	190	90	47%
Orange	35	75	49	65%
Riverside	26	61	33	54%
San Bernardino	17	30	19	63%
Totals	160	356	191	54%

Table 5 shows overall that the last seven fiscal years have resulted in project quantification below 50% of the total number of projects funded by local governments, with the exception of last fiscal year, peaking in this reporting cycle at 54%. CARB has provided methodologies for emission

reduction quantifications with corresponding emission factors for some of the most widely implemented transportation-related air quality projects. The annual emission reductions then are calculated to estimate the cost-effectiveness of the projects. Emission reductions from several of these projects are difficult to quantify or cannot be quantified, such as alternative fuel and electric vehicle infrastructure projects, public education and outreach programs and projects that include research and development.

Table 5
Project Quantification History

Year	Number of Projects	Projects with Emission Reductions Quantified	Percent of Projects
FY 2002-03	405	189	47%
FY 2003-04	380	184	48%
FY 2004-05	397	178	45%
FY 2005-06	374	169	45%
FY 2006-07	381	182	48%
FY 2007-08	340	175	51%
FY 2008-09	356	191	54%

The data in Table 6 shows the FY 2008-09 expenditures made in ten of the eleven AB 2766 project categories. There were no Market Based Strategy projects reported for FY 2008-09. Table 6 shows expenditures beginning with the project category having the highest expenditures and ending with the project category that had the least amount of local government spending. The four project categories that reflect the highest spending percentages are Transportation Demand Management (TDM) (33%), Alternative Fuels/Electric Vehicles (30%), Traffic Management (11%) and Public Transportation (9%). Projects funded in these four project categories comprised 82% of the \$19.9 million expended on projects during FY 2008-09, or about \$16.4 million.

In addition, the two highest spending categories, Transportation Demand Management (TDM) and Alternative Fuels/Electric Vehicles, comprised of 63% or about \$12.5 of the \$19.9 million program expenditures. Much of these funds were spent towards AQMD rule compliance related activities, such as implementation of employee rideshare programs and compliance with AQMD Clean Fleet Rules.

Table 6
Expenditures by Project Category

Project Category	Project Spending*	Percent of Spending*	# of Projects
Transportation Demand Management	\$6,560,322	33%	79
Alternative Fuels/Electric Vehicles	\$5,920,676	30%	88
Traffic Management	\$2,088,231	11%	28
Public Transportation	\$1,802,825	9%	37
Land Use	\$1,024,623	5%	32
PM 10 Reduction Strategies	\$749,797	4%	15
Vehicle Emissions Abatement	\$738,981	4%	14
Bicycles	\$506,032	3%	20
Miscellaneous Projects	\$305,295	2%	35
Public Education	\$183,980	1%	8
Total	\$19,880,762	100%	356

*Numbers may vary slightly due to rounding.

Emission Reductions & Cost-Effectiveness

Table 7 summarizes, by county, the number of projects funded, project spending and emissions reduced. Local governments in Los Angeles County reported the vast majority of project spending, \$11.9 million (60%) and also represented the majority of annual emission reductions, 3,626 tons (94%). During the FY 2008-09, a total of 3,872 tons of emissions were reduced by projects funded with AB 2766 Subvention Funds. These reductions represent a decrease to what occurred in FY 2007-08, when implementation of local government's AB2766 projects resulted in the reduction of 4,699 tons per year of emissions.

Table 7
FY 2008-09 AB 2766 Project Spending and Emissions Reduced

County	Number of Projects Funded	Project Spending	Emissions Reduced² (Tons/Yr)
Los Angeles	190	\$11,872,896	3,626
Orange	75	\$3,726,892	57
Riverside	61	\$2,632,033	167
San Bernardino	30	\$1,648,941	22
Total	356	\$19,880,762	3,872

² Emissions reduced account for total reduction (VOC, NOx, PM₁₀ and CO/7) from Air Fund expenditures. Air Funds consist of the MV Fees and funding both from the state Carl Moyer Program and the AB 2766 Discretionary fund. Refer to Attachment B: Average Cost-Effectiveness by Project.

Table 8 provides emission reduction and cost-effectiveness information within the AB 2766 project categories. As in previous years, the Traffic Management category represented the bulk of emissions reduced for FY 2008-09. Traffic Management, which includes traffic calming and traffic signal synchronization projects, accounted for 3,331 tons of emissions reduced, or about 86% of the 3,872 tons of total emissions reduced from all AB 2766 project categories. However, only 11% (refer to Table 6) of the total funding was spent within this category. The cost effectiveness of the Traffic Management category was greatly skewed by one project which claimed 3,290 tons per year of emissions reduced. Less significantly, the TDM category claimed 340 tons per year of emission reductions; accounting for approximately 33% of the total annual AB 2766 project spending (refer to Table 6). The Public Transportation category claimed 139 tons in FY 08-09, a significant increase in comparison to the reported 32 tons of emissions reduced in FY 07-08.

Within the Alternative Fuels/Electric Vehicle project category, emission reductions slightly decreased from the 21 tons reported in FY 2007-08 to 20 tons for FY 2008-09. However, as a result of the AB 2766 Staff's continued efforts throughout the reporting year to maintain ongoing and increased technical support and program outreach, jurisdictions are implementing more cost-effective, quantifiable emission reduction projects. Local governments are being encouraged to seek and to create opportunities to coordinate with neighboring cities, jurisdictions and COGs to implement projects that will result in shared, mutual emission reduction benefits, while potentially sharing costs and resources. Earmarking funds for projects that are planned for future implementation or that are in need of funding assistance has helped program administrators to understand the importance of advanced financial planning and has encouraged them to research other sources and ways of obtaining and securing matching funds.

The last column in Table 8 identifies the total air funds cost-effectiveness (dollar per pound) of emissions reduced. The "Air Funds" consist of the Motor Vehicle Fees, and if applicable, funding from the state Carl Moyer Program, and the Mobile Source Air Pollution Reduction Review Committee (MSRC) funding pursuant to CARB's methodology.

The cost-effectiveness of all project categories ranges, as shown in Table 8, from \$0.15 - \$15.78 per pound of emissions reduced in FY 08-09. The overall total average cost-effectiveness was computed as \$1.10 per pound of emissions reduced. As previously mentioned, there was one skewed project within the Traffic Management category that had a significant effect on the overall cost-effectiveness. If that project had been excluded from the total number of projects implemented, the average cost-effectiveness would have been \$6.65 per pound of emissions reduced instead of \$1.10 per pound, which is still below the \$10 per pound cost-effectiveness threshold established by CARB. Various factors, such as funding amounts, project design, emission factor efficiencies and trip and vehicle miles traveled reductions all help to determine how cost-effective one project is compared to another and determines the final project category cost-effectiveness as shown in Table 8.

Table 8
Emissions Reduced and Cost-Effectiveness by Project Category

Project Category	Number of Projects	Number of Projects Quantified	Percent of Projects Quantified	Emissions Reduced³ (Lbs/Yr)	Emissions Reduced⁴ (Tons/Yr)	Air Funds Cost-Effectiveness⁵ (\$/Lb)
Traffic Management	28	14	50%	6,662,627	3,331	\$0.15
Transportation Demand Management	79	66	84%	679,905	340	\$8.08
Public Transportation	37	28	76%	277,196	139	\$2.97
Miscellaneous Projects⁶	35	0	0%	0	0	No Projects
Alternative Fuels/Electric Vehicles	88	52	59%	40,751	20	\$14.88
PM 10 Reduction	15	13	87%	62,326	31	\$5.75
Vehicle Emissions Abatement	14	10	71%	18,870	9	\$10.07
Bicycles	20	8	40%	3,164	2	\$15.78
Public Education	8	0	0%	0	0	Not Quantified
Land Use	32	0	0%	0	0	No Projects
TOTALS*	356	191	54%	7,744,839	3,872	\$1.10 ⁷

*Totals may vary slightly due to rounding.

Figure 1 shows the historical funding and total project expenditure levels by local governments over the last seven fiscal years. The project expenditures are expressed in both total project expenditures and quantifiable project expenditures. Motor Vehicle funding subvented to local

³ Emissions reduced account for total reductions (VOC, NOx, PM₁₀ and CO/7) from Air Fund expenditures. Air Funds consist of the MV Fees and funding from the state Carl Moyer Program and the AB 2766 Discretionary fund. Refer to Attachment B: Average Cost-Effectiveness by Project.

⁴ Emissions reduced (tons/year) is determined by dividing by 2,000 lbs/ton. Totals may vary slightly due to rounding.

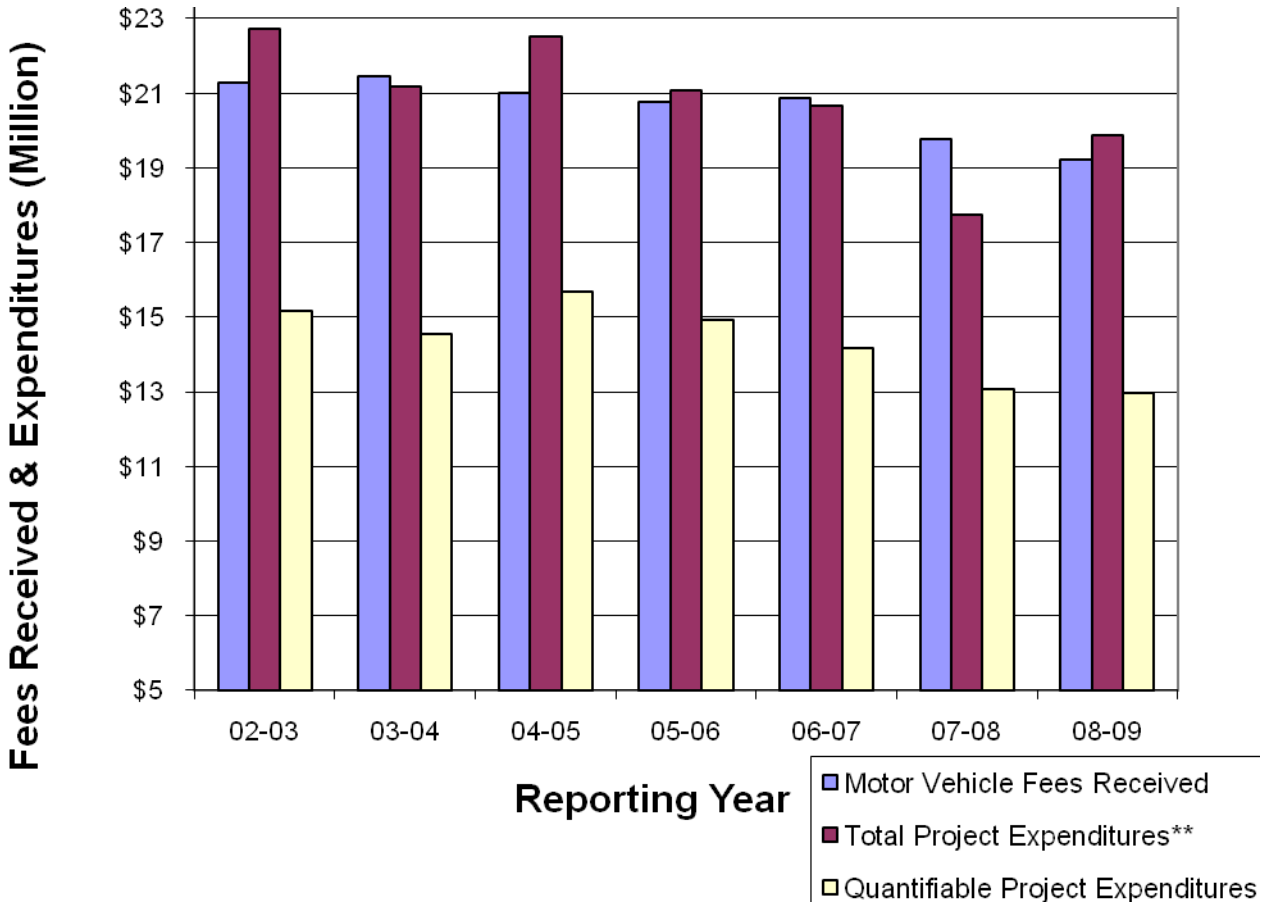
⁵ Cost effectiveness is determined by multiplying default capital recovery factors (amortized formula reflecting project life and discount rate) by total funds, then dividing those annualized funds by annual emission reductions. Refer to Attachment B: Average Cost-Effectiveness by Project. Emission reductions were based on EMFAC 2007, Version 2.3 (Nov 1, 2008).

⁶ The "Miscellaneous Project" category represents non-quantified projects that were not classified under the major program categories (i.e., payment of membership dues to Council of Governments to support air quality activities and regional air quality coordination).

⁷ The overall cost-effectiveness would be \$6.65 with the exclusion of one outlying project which skewed the cost-effectiveness down to \$1.10.

governments has decreased over the last two years. The quantifiable project expenditures represent 65% (\$13 million) of the total project expenditures (\$19.9 million) for FY 2008-09.

Figure 1
History of MV Fees Received and Expenditures*

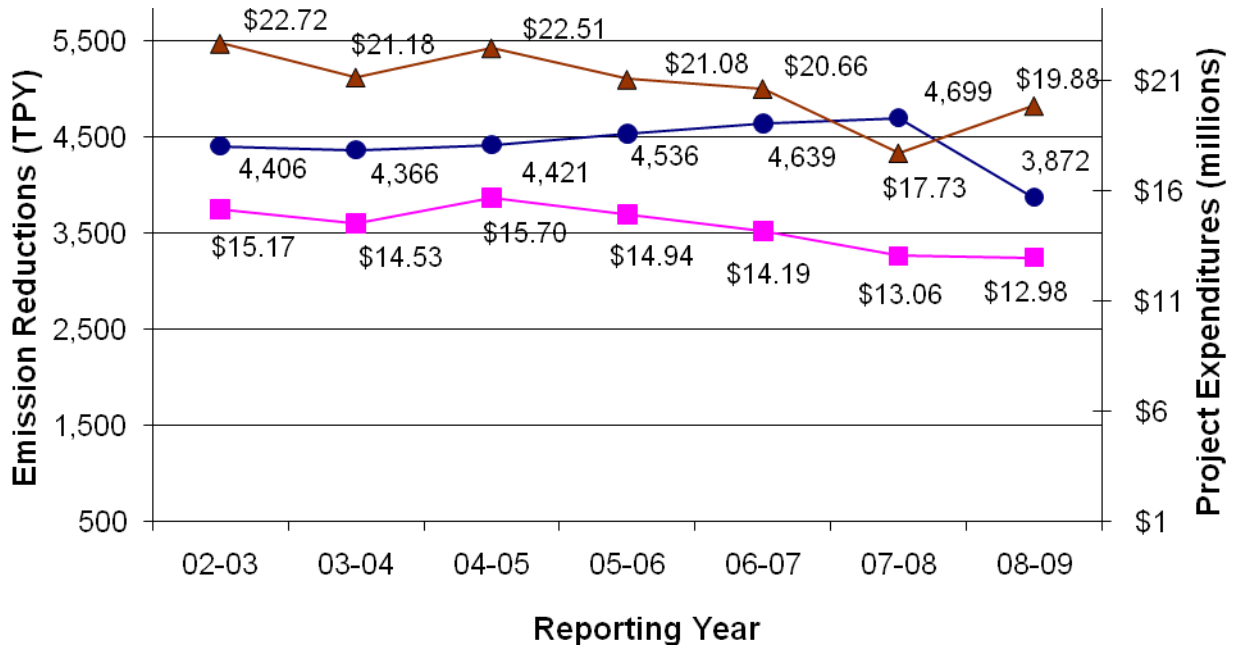


* In current dollars.

**In most instances, Total Project Expenditures are slightly more than Motor Vehicle Fees Received due to funds available from carryover balances.

In Figure 2, emission reductions as well as both total and quantifiable expenditures adjusted for inflation are shown. Approximately 3,872 tons (VOC, NOx, PM10 and CO/7) or about 11 tons per day of pollution was eliminated during FY 2008-09 from \$12.98 million expended by local governments compared to 4,699 quantifiable reductions achieved in FY2007-08 from \$13.06 million.

Figure 2
Emission Reductions and Project Expenditures*



*Emissions calculated based on EMFAC 2007 V2.3. Expenditures are in current (2009) dollars.

- ▲— Total Expenditures
- Emission Reductions
- Project Expenditures w/Quantifiable Reductions

The history of emission reductions and cost-effectiveness is shown in Table 9. This table reflects the total amount of emissions reduced annually from projects funded. The average cost-effectiveness of projects funded during FY 2008-09 was approximately \$1.10 per pound of emissions reduced. It should be noted that the cost effectiveness calculation was performed in current (nominal) dollars. The cost-effectiveness numbers would have been lower in real dollars.

The average cost-effectiveness figure is determined by dividing the amortized Air Fund dollar amount (\$8.6 million) which is associated with quantified projects, by the total amount of emission reductions (7.7 million lbs.). Table 9 illustrates the progress that has been made since FY 2001-02 in reducing emissions. Emission calculations are based on emission factors at the time of each reporting cycle. As vehicles become cleaner and emission factors decrease from year to year, it would take more cost-effective projects to maintain the same level of emission reductions. Accordingly, slight decreases in emission reductions in subsequent years should not necessarily be perceived as diminished accomplishments by the AB 2766 program.

Table 9
History of Emissions Reduced and Cost-Effectiveness*

Fiscal Year	Emissions Reduced** (Lbs./Yr)	Emissions Reduced** (Tons/Yr)	Cost Effectiveness (\$/Lb.)	Cost Effectiveness (\$/Ton)
FY 2001-02	8,811,953	4,406	\$1	\$2,020
FY 2002-03	8,812,510	4,406	\$0.92	\$1,840
FY 2003-04	8,731,457	4,366	\$0.90	\$1,800
FY 2004-05	8,841,722	4,421	\$1.01	\$2,020
FY 2005-06	9,072,033	4,536	\$0.99	\$1,980
FY 2006-07	9,279,778	4,639	\$0.98	\$1,960
FY 2007-08	9,399,442	4,699	\$0.98	\$1,960
FY 2008-09	7,744,749	3,872	\$1.10	\$2,200

* In current dollars.

** Emission reductions determined by the emission model in effect for the year specified.

Table 10 shows the project subcategories with the highest Motor Vehicle Fee funding allocations within each project category. Each major category is comprised of subcategories for the purpose of emission reduction quantification. Over the last four fiscal years, the three project subcategories with the highest expenditures were Employer Based Trip Reductions, Alternative Fuel Vehicle Purchases and Traffic Flow or Signalization. The total sum of expenditures in these three subcategories indicated that there was a minor decrease in the percentage of funding dollars spent (56%), among the subcategories with the highest funding allocations compared to 58% reported in FY 2007-08, the previous annual reporting cycle. The combined total expenditure for the top three subcategories is approximately \$11 million. This amount represents more than half of the \$19.9 million MV Fees spent on mobile source projects during FY 2008-09.

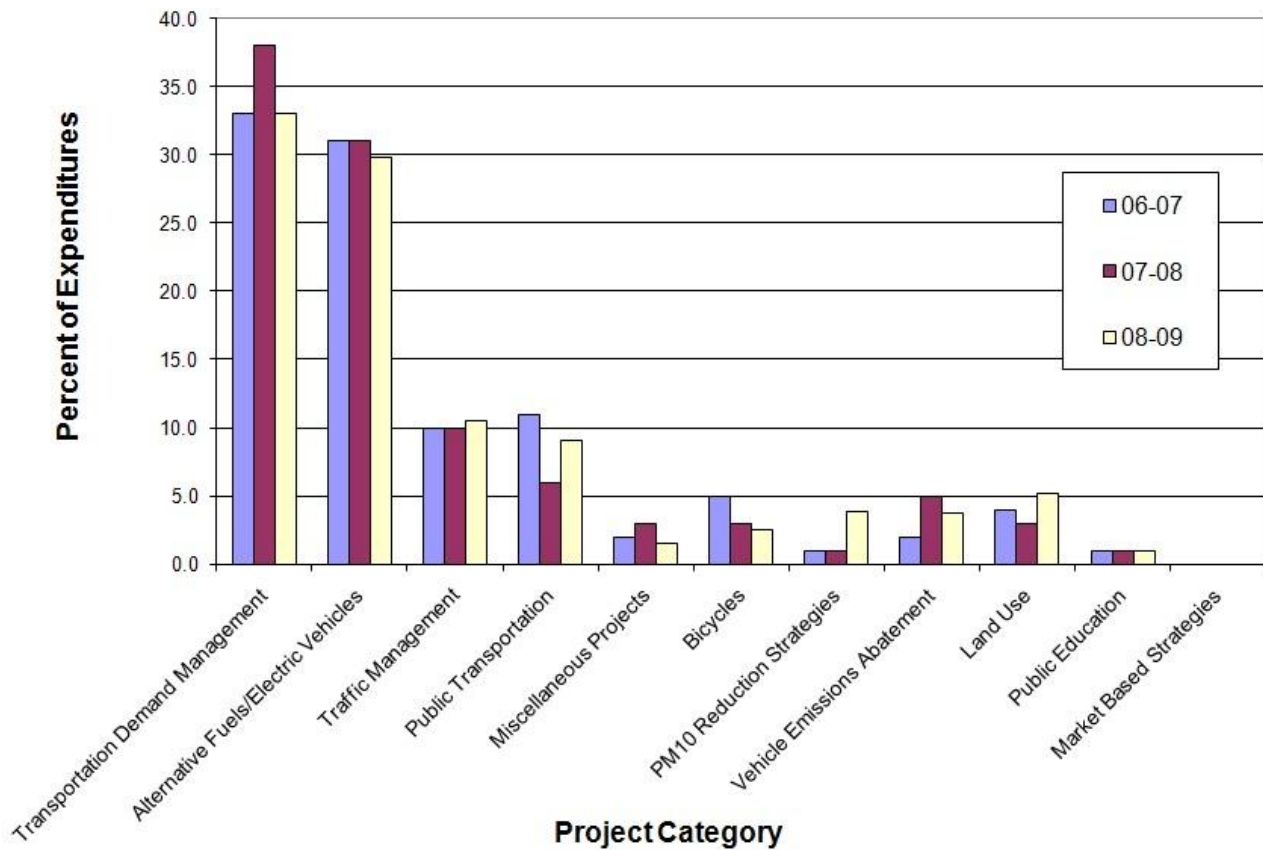
Table 10
Project Subcategories with Highest Funding Allocations

Project Category (# of Projects)	Project Subcategory (# of Projects)	Project Subcategory Expenditures	Percent of Project Category Expenditures
Transportation Demand Management (79)	Employer-Based Trip Reduction (63)	\$4,833,848	74%
Alternative Fuels /Electric Vehicles (88)	Alternative Fuel Vehicle Purchases (50)	\$4,259,696	72%
Traffic Management (28)	Traffic Flow or Signalization (25)	\$1,949,771	93%
Public Transportation (37)	Public Transportation Facilities (4)	\$768,572	43%
PM ₁₀ Reduction Strategies (15)	Road Dust Control (9)	\$657,203	88%
Land Use (32)	Development Guidelines (12)	\$655,716	64%
Vehicle Emissions Abatement (14)	On-road CARB verified Diesel Emission Control System (8)	\$330,305	45%
Misc. Projects (35)	Misc. Projects (35)	\$305,295*	N/A
Bicycles (20)	Bicycle Lanes (8)	\$252,560	50%
Public Education (8)	Short Term PE [promote transit, rideshare] (4)	\$117,908	64%

*Misc. Projects has no subcategory. This amount is the total expenditure for this category.

Figure 3 depicts a comparison by percentages of the expenditures made in all project categories during FYs 2006-07, 2007-08 and 2008-09. The Transportation Demand Management (TDM) project category showed a decrease from 38% to 33% of total Motor Vehicle Fee expenditures from FY 2007-08 to FY 2008-09, while the categories of Public Transportation, PM Reductions and Land Use had increases in project spending. The Public Transportation Facilities project subcategory showed an increase in project spending over Transit Operations.

Figure 3
Project Expenditure Comparisons



Summary of Local Government Reports

The FY 2008-09 Subvention Fund local government reporting is summarized below:

(↑ represents improvement, ↓ represents a decrease, ↔ represents no change)

↓ Cost-Effectiveness:

The overall cost-effectiveness of projects quantified shows a slight increase (projects implemented were less cost-effective) in the FY 2008-09 reporting cycle of \$1.10 from \$.98 per pound reported in FY07-08.

↓ Emission Reductions:

Emission reductions reported from all quantifiable projects implemented has decreased from 4,699 tons in FY 2007-08 to 3,872 tons of pollution eliminated for FY 2008-09.

↑ Earmarked Funds:

The percent of the ending balances earmarked for future projects has significantly increased from 76% in FY 2007-08 to 88% in FY 2008-09.

↑ Projects with Emission Reductions Quantified:

The percentage of projects quantified has increased from 51% in FY 2007-08 to 54% in FY 2008-09.

V. FUTURE EFFORTS

- AQMD technical staff will continue to educate and encourage cities to implement quantifiable mobile source emission reduction projects and to fund projects that will improve the program's overall cost-effectiveness by meeting with and maintaining an open, ongoing dialogue with city mayors, city managers and other decision making local government staff specifically educating them on the benefits of implementing SIP credible, more cost-effective, quantifiable projects that result in direct emission reductions.
- In coordination with CARB, AQMD staff will highlight an AB 2766 Preferred Projects list, identifying specific SIP credible projects that will yield quantifiable emission reductions to help achieve the additional NO_x reductions, identified in the AQMP for the SCAB region, by the 2014 PM_{2.5} attainment date.
- AQMD staff will continue to keep local jurisdictions informed of other potential air quality funding opportunities beyond the AB2766 program as they become available.
- AQMD staff will continue to maintain an outreach presence through meetings with local governments' AB 2766 Coordinators, new local government staff, and COG staff to: 1) Provide technical guidance on program changes, modifications and/or enhancements; 2) Inform them of the legal constraints of AB 2766 spending; 3) Provide technical assistance on tracking, calculating and reporting on projects that will yield quantifiable emission reductions; 4) Explain and discuss the importance of earmarking funds; 5) Train them on the automated reporting process and; 6) Respond to general questions about the AB 2766 Program.
- AQMD staff will continue to coordinate with COG staff to ensure accurate reporting on the annual summaries submitted to AQMD of their project activities funded with AB 2766 funds received from member cities and counties. Emphasis will continue to be placed on the importance of ensuring that projects funded by the COG adhere to the AB 2766 project criteria.
- AQMD staff will continue to encourage local governments to provide feedback to AQMD and to their respective COGs on various AB 2766 matters, including but not limited to the annual reporting process, Subvention funds allocated towards COG sponsored projects and the AB 2766 Resource Guide.
- AQMD staff will provide assistance to local governments in their selection and quantification of projects that have co-benefit reductions that meet AB32 and/or SB 375 objectives.
- AQMD and CARB staff will continue to work on streamlining the reporting process to improve the program efficiency and accuracy of program data submittal.

**ATTACHMENT A:
Eligible Cities and Counties (FY 2008-09)**

Eligible Cities and Counties (FY 2008-09)

Los Angeles County	Los Angeles County(cont'd)	Orange County	Riverside County	San Bernardino
Agoura Hills	La Verne	Aliso Viejo	Banning	Big Bear Lake
Alhambra	Lakewood	Anaheim	Beaumont	Chino
Arcadia	Long Beach	Brea	Calimesa	Chino Hills
Artesia	Lomita	Buena Park	Canyon Lake	Colton
Azusa	City of Los Angeles	Costa Mesa	Cathedral City	Fontana
Baldwin Park	Lynwood	Cypress	Coachella	Grand Terrace
Bell	Malibu	Dana Point	Corona	Highland
Bell Gardens	Manhattan Beach	Fountain Valley	Desert Hot Springs	Loma Linda
Bellflower	Maywood	Fullerton	Hemet	Montclair
Beverly Hills	Monrovia	Garden Grove	Indian Wells	Ontario
Burbank	Montebello	Huntington Beach	Indio	Rancho Cucamonga
Carson	Monterey Park	Irvine	Lake Elsinore	Redlands
Calabasas	Norwalk	La Habra	La Quinta	Rialto
Cerritos	Palos Verdes	La Palma	Menifee	San Bernardino
Claremont	Paramount	Laguna Beach	Moreno Valley	City of San Bernardino
Commerce	Pasadena	Laguna Hills	Murrieta	Upland
Compton	Pico Rivera	Laguna Niguel	Norco	Yucaipa
Covina	Pomona	Laguna Woods	Palm Desert	
Cudahy	Rancho Palos Verdes	Lake Forest	Palm Springs	
Culver City	Redondo Beach	Los Alamitos	Perris	
Diamond Bar	Rolling Hills Estates	Mission Viejo	Rancho Mirage	
Downey	Rosemead	Newport Beach	Riverside	
Duarte	San Dimas	Orange	County of Riverside	
El Monte	San Fernando	County of Orange	San Jacinto	
El Segundo	San Gabriel	Placentia	Temecula	
Gardena	San Marino	Rancho Santa Margarita	Wildomar	
Glendale	Santa Clarita	San Clemente		
Glendora	Santa Monica	San Juan Capistrano		
Hawaiian Gardens	Santa Fe Springs	Santa Ana		
Hawthorne	Sierra Madre	Seal Beach		
Hermosa Beach	Signal Hill	Stanton		
Hidden Hills	South El Monte	Tustin		
Huntington Park	South Gate	Villa Park		
Inglewood	South Pasadena	Westminster		
Irwindale	Torrance	Yorba Linda		
La Canada Flintridge	Temple City			
La Habra Heights	Walnut			
La Mirada	West Covina			
La Puente	West Hollywood			
Los Angeles County	Westlake Village			
Lawndale	Whittier			
Total Eligible Governments = 160	Los Angeles = 82	Orange = 35	Riverside = 26	San Bernardino = 17

CITIES OF BRADBURY, INDUSTRY AND VERNON ARE NOT ELIGIBLE TO RECEIVE AB 2766 SUBVENTION FUNDS

ATTACHMENT B:
FY 2008-09 AB 2766 Subvention Fund Program Reports

South Coast Cities and Counties Financial Summary of Motor Vehicle Funds

Fiscal Year 2008-2009

County	Local Name	<i>Beginning Balance</i>	Motor Vehicle Fees Received	Interest	<i>Revenue</i>	Project Spending	Admin	<i>Ending Balance</i>	Funds Earmarked for Future Year
<i>Los Angeles Co</i>									
	Agoura Hills	\$31,745	\$26,474	\$570	\$58,789	\$31,745	\$1,200	\$25,844	\$25,000
	Alhambra	\$180,964	\$130,922	\$3,803	\$315,689	\$21,764	\$2,858	\$291,067	\$291,067
	Arcadia	\$326,445	\$65,177	\$13,484	\$405,106	\$103,555	\$0	\$301,551	\$300,000
	Artesia	\$64,007	\$19,357	\$1,384	\$84,748	\$5,000	\$0	\$79,748	\$79,748
	Azusa	\$116,514	\$56,737	\$4,496	\$177,747	\$32,148	\$2,350	\$143,249	\$152,391
	Baldwin Park	\$448,435	\$94,670	\$5,482	\$548,587	\$101,680	\$0	\$446,907	\$300,000
	Bell	\$86,324	\$45,209	\$650	\$132,183	\$4,500	\$931	\$126,752	\$60,000
	Bell Gardens	\$65,664	\$54,539	\$161	\$120,365	\$10,935	\$0	\$109,430	\$0
	Bellflower	\$227,861	\$90,058	\$6,126	\$324,044	\$0	\$4,500	\$319,544	\$319,544
	Beverly Hills	\$244,200	\$40,925	\$4,295	\$289,420	\$100,000	\$0	\$189,420	\$244,200
	Burbank	\$203,343	\$92,567	\$3,235	\$299,145	\$95,802	\$4,628	\$198,715	\$141,857
	Calabasas	\$135,114	\$33,516	\$3,202	\$171,832	\$13,299	\$0	\$158,533	\$158,533
	Carson	\$210,787	\$83,940	\$2,555	\$297,281	\$274,693	\$0	\$22,588	\$0
	Cerritos	\$201,773	\$79,642	\$5,848	\$287,263	\$42,310	\$3,980	\$240,973	\$240,973
	Claremont	\$143,171	\$42,274	\$2,640	\$188,085	\$8,590	\$0	\$179,495	\$181,552
	Commerce	\$0	\$15,699	\$0	\$15,699	\$15,699	\$0	\$0	\$0
	Compton	\$203,534	\$116,064	\$227	\$319,825	\$90,715	\$0	\$229,110	\$0
	County of LA	\$0	\$933,447	\$4,739	\$938,186	\$938,186	\$0	\$0	\$0
	Covina	\$168,232	\$57,680	\$4,524	\$230,436	\$22,711	\$2,790	\$204,936	\$204,936
	Cudahy	\$25,771	\$29,528	\$1,200	\$56,499	\$3,000	\$0	\$53,499	\$0
	Culver City	\$213,152	\$47,469	\$9,982	\$270,603	\$144,804	\$0	\$125,799	\$111,700
	Diamond Bar	\$103,554	\$51,419	\$345	\$155,318	\$9,700	\$0	\$145,618	\$130,000
	Downey	\$609,262	\$132,057	\$28,096	\$769,415	\$132,057	\$5,500	\$631,858	\$550,000
	Duarte	\$37,564	\$26,510	\$533	\$64,607	\$43,992	\$0	\$20,615	\$49,500
	El Monte	\$268,612	\$146,541	\$5,058	\$420,211	\$111,294	\$2,488	\$306,428	\$250,000
	El Segundo	\$93,616	\$19,178	\$3,998	\$116,792	\$53,528	\$0	\$63,264	\$57,062

County	Local Name	<i>Beginning Balance</i>	Motor Vehicle Fees Received	Interest	<i>Revenue</i>	Project Spending	Admin	<i>Ending Balance</i>	Funds Earmarked for Future Year
	Gardena	\$102,082	\$72,130	\$2,147	\$176,359	\$42,492	\$3,607	\$130,260	\$157,326
	Glendale	\$658,646	\$234,542	\$17,624	\$910,812	\$310,000	\$0	\$600,812	\$400,000
	Glendora	\$230,776	\$60,958	\$3,969	\$295,703	\$60,816	\$3,048	\$231,839	\$172,851
	Hawaiian Gardens	\$124,564	\$17,371	\$2,455	\$144,390	\$0	\$0	\$144,390	\$0
	Hawthorne	\$254,848	\$103,652	\$5,922	\$364,422	\$156,630	\$5,052	\$202,740	\$0
	Hermosa Beach	\$132,574	\$22,714	\$4,797	\$160,085	\$61,833	\$0	\$98,252	\$0
	Hidden Hills	\$32,177	\$2,555	\$776	\$35,508	\$0	\$0	\$35,508	\$34,000
	Huntington Park	\$395,499	\$75,599	\$14,448	\$485,546	\$2,500	\$2,085	\$480,961	\$10,000
	Inglewood	\$776,719	\$137,408	\$30,000	\$944,127	\$71,550	\$0	\$872,577	\$512,204
	Irwindale	\$0	\$1,843	\$0	\$1,843	\$1,700	\$0	\$143	\$2,000
	La Canada Flintridge	\$235,612	\$16,997	\$7,574	\$260,182	\$3,780	\$0	\$256,402	\$139,820
	La Habra Heights	\$73,958	\$7,058	\$1,060	\$82,076	\$30,400	\$0	\$51,676	\$0
	La Mirada	\$330,468	\$58,660	\$6,606	\$395,734	\$60,600	\$0	\$335,134	\$334,934
	La Puente	\$191,562	\$50,335	\$5,333	\$247,231	\$12,230	\$0	\$235,001	\$224,752
	La Verne	\$226,231	\$39,594	\$7,539	\$273,363	\$63,933	\$1,978	\$207,452	\$59,578
	Lakewood	\$88,663	\$97,514	\$3,687	\$189,864	\$59,840	\$4,117	\$125,907	\$125,907
	Lawndale	\$0	\$39,102	\$0	\$39,102	\$0	\$0	\$39,102	\$60,900
	Lomita	\$51,603	\$24,501	\$129	\$76,233	\$69,185	\$1,347	\$5,701	\$28,000
	Long Beach	\$886,535	\$574,565	\$23,946	\$1,485,046	\$140,170	\$14,598	\$1,330,278	\$1,200,000
	Los Angeles (City)	\$305,849	\$4,720,863	\$407,167	\$5,433,879	\$5,202,156	\$231,723	\$0	\$534,976
	Lynwood	\$44,308	\$40,151	\$157	\$84,616	\$44,308	\$1,329	\$38,979	\$0
	Malibu	\$34,310	\$21,436	\$873	\$56,619	\$13,287	\$0	\$43,332	\$43,332
	Manhattan Beach	\$235,159	\$41,523	\$5,165	\$281,846	\$6,300	\$2,000	\$273,546	\$275,000
	Maywood	\$0	\$34,331	\$0	\$34,331	\$34,331	\$0	\$0	\$0
	Monrovia	\$103,161	\$33,505	\$1,806	\$138,472	\$23,018	\$1,209	\$114,245	\$100,000
	Montebello	\$239,255	\$76,436	\$7,285	\$322,976	\$0	\$3,923	\$319,053	\$175,000
	Monterey Park	\$112,499	\$73,722	\$2,182	\$188,403	\$41,978	\$0	\$146,425	\$100,000
	Norwalk	\$335,543	\$128,289	\$3,782	\$467,614	\$12,829	\$6,500	\$448,285	\$250,000
	Palos Verdes Estates	\$45,657	\$14,212	\$1,167	\$61,036	\$0	\$0	\$61,036	\$61,036
	Paramount	\$338,754	\$92,035	\$4,793	\$435,582	\$236,869	\$348	\$198,366	\$103,850
	Pasadena	\$46,819	\$169,236	\$103	\$216,158	\$179,614	\$0	\$36,544	\$180,000

County	Local Name	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Ending Balance	Funds Earmarked for Future Year
	Pico Rivera	\$0	\$75,477	\$119	\$75,596	\$75,596	\$0	\$0	\$0
	Pomona	\$718,928	\$190,764	\$12,512	\$922,204	\$159,662	\$7,455	\$755,087	\$771,728
	Rancho Palos Verdes	\$52,197	\$50,124	\$455	\$102,776	\$50,000	\$0	\$52,776	\$0
	Redondo Beach	\$115,741	\$78,771	\$4,704	\$199,216	\$96,702	\$0	\$102,514	\$115,741
	Rolling Hills Estates	\$150,478	\$8,852	\$2,811	\$162,142	\$162,142	\$0	\$0	\$163,578
	Rosemead	(\$1,152)	\$64,648	\$0	\$63,496	\$9,000	\$0	\$54,496	\$0
	San Dimas	\$128,201	\$42,891	\$193	\$171,285	\$15,612	\$2,002	\$153,671	\$100,000
	San Fernando	\$0	\$29,384	\$0	\$29,384	\$0	\$0	\$29,384	\$30,000
	San Gabriel	\$142,855	\$49,163	\$2,348	\$194,366	\$99,745	\$0	\$94,621	\$113,080
	San Marino	\$69,228	\$15,582	\$1,239	\$86,049	\$84,853	\$0	\$1,195	\$33,000
	Santa Clarita	\$761,237	\$152,397	\$8,366	\$922,000	\$969,301	\$3,648	(\$50,949)	\$0
	Santa Fe Springs	\$0	\$20,085	\$0	\$20,085	\$20,085	\$0	\$0	\$0
	Santa Monica	\$345,519	\$106,792	\$5,434	\$457,745	\$16,320	\$1,650	\$439,775	\$439,775
	Sierra Madre	\$76,171	\$15,242	\$549	\$91,962	\$30,396	\$762	\$60,804	\$31,600
	Signal Hill	\$43,366	\$12,965	\$2,071	\$58,402	\$2,988	\$0	\$55,414	\$0
	South El Monte	\$22,583	\$25,996	\$362	\$48,941	\$15,180	\$0	\$33,761	\$24,800
	South Gate	\$104,263	\$119,164	\$1,673	\$225,100	\$106,509	\$6,042	\$112,549	\$112,548
	South Pasadena	\$131,317	\$29,964	\$1,063	\$162,344	\$78,681	\$0	\$83,663	\$26,000
	Temple City	\$81,196	\$41,609	\$64	\$122,869	\$96,328	\$0	\$26,541	\$36,000
	Torrance	\$168,129	\$174,215	\$4,943	\$347,287	\$182,914	\$0	\$164,373	\$168,129
	Walnut	\$42,412	\$36,737	\$1,688	\$80,837	\$21,511	\$0	\$59,326	\$59,326
	West Covina	\$143,605	\$96,541	\$2,396	\$242,542	\$99,690	\$5,102	\$137,750	\$64,000
	West Hollywood	\$195,679	\$43,816	\$5,444	\$244,939	\$8,480	\$0	\$236,459	\$244,939
	Westlake Village	\$51,881	\$10,247	\$221	\$62,349	\$53,884	\$0	\$8,465	\$10,072
	Whittier	\$195,941	\$110,353	\$2,223	\$308,517	\$63,262	\$4,729	\$240,526	\$240,526
	County Total:	\$14,783,250	\$11,216,211	\$750,006	\$26,749,466	\$11,872,896	\$345,480	\$14,531,090	\$11,918,371
	Orange Co.								
	Aliso Viejo	\$428,986	\$51,706	\$9,417	\$490,109	\$1,206	\$0	\$488,903	\$488,903
	Anaheim	\$2,144	\$404,839	\$1,865	\$408,848	\$371,566	\$13,496	\$23,786	\$17,000
	Brea	\$20,792	\$46,752	\$1,514	\$69,058	\$46,752	\$0	\$22,306	\$26,058

County	Local Name	<i>Beginning Balance</i>	Motor Vehicle Fees Received	Interest	<i>Revenue</i>	Project Spending	Admin	<i>Ending Balance</i>	Funds Earmarked for Future Year
	Buena Park	\$60,927	\$96,533	\$1,350	\$158,810	\$547,395	\$0	(\$388,585)	\$60,927
	Costa Mesa	\$786,943	\$143,134	(\$3,079)	\$926,998	\$250,817	\$0	\$676,181	\$893,919
	County of Orange	\$528,967	\$138,350	\$14,756	\$682,073	\$25,000	\$3,464	\$653,609	\$425,000
	Cypress	\$86,909	\$57,218	\$2,174	\$146,301	\$568	\$18	\$145,714	\$145,715
	Dana Point	\$33,713	\$43,103	\$1,000	\$77,816	\$3,252	\$0	\$74,564	\$0
	Fountain Valley	\$340,474	\$52,507	\$8,549	\$401,530	\$42,000	\$2,625	\$356,905	\$320,000
	Fullerton	\$245,100	\$160,733	\$3,530	\$409,363	\$211,063	\$7,412	\$190,888	\$190,888
	Garden Grove	\$215,744	\$202,222	\$9,130	\$427,096	\$202,222	\$10,093	\$214,781	\$143,000
	Huntington Beach	\$1,110,000	\$236,231	\$36,005	\$1,382,236	\$205,413	\$1,754	\$1,175,069	\$720,000
	Irvine	\$1,296,002	\$240,447	\$46,910	\$1,583,359	\$270,370	\$1,324	\$1,311,665	\$1,311,666
	La Habra	\$117,217	\$73,130	\$6,670	\$197,017	\$73,130	\$0	\$123,887	\$0
	La Palma	\$6,162	\$17,585	\$128	\$23,875	\$10,780	\$0	\$13,094	\$0
	Laguna Beach	\$74,648	\$28,671	\$92	\$103,411	\$22,393	\$0	\$81,018	\$105,200
	Laguna Hills	\$98,033	\$38,365	\$2,288	\$138,686	\$62,799	\$0	\$75,887	\$75,887
	Laguna Niguel	\$239,312	\$78,090	\$14,059	\$331,461	\$95,092	\$0	\$236,369	\$287,680
	Laguna Woods	\$77,860	\$20,398	\$577	\$98,835	\$0	\$0	\$98,835	\$0
	Lake Forest	\$546,792	\$91,469	\$13,752	\$652,013	\$37,554	\$0	\$614,459	\$0
	Los Alamitos	\$24,736	\$13,714	\$524	\$38,974	\$0	\$0	\$38,974	\$0
	Mission Viejo	\$355,577	\$115,200	\$9,019	\$479,796	\$135,833	\$3,421	\$340,542	\$446,679
	Newport Beach	\$362,564	\$98,737	\$17,778	\$479,079	\$16,705	\$0	\$462,374	\$0
	Orange (City)	\$47,771	\$160,890	\$569	\$209,230	\$174,723	\$4,484	\$30,023	\$8,270
	Placentia	\$280,539	\$60,372	\$2,578	\$343,489	\$43,999	\$0	\$299,490	\$299,490
	Rancho Santa Margarita	\$295,194	\$58,076	\$6,146	\$359,416	\$119,866	\$0	\$239,550	\$239,550
	San Clemente	\$241,252	\$79,277	\$9,447	\$329,976	\$96,627	\$0	\$233,349	\$233,349
	San Juan Capistrano	\$283,593	\$42,894	\$7,540	\$334,027	\$56,022	\$0	\$278,005	\$278,005
	Santa Ana	\$462,807	\$416,275	\$8,361	\$887,443	\$315,398	\$15,285	\$556,760	\$297,975
	Seal Beach	\$28,738	\$29,650	\$731	\$59,119	\$26,827	\$0	\$32,292	\$32,292
	Stanton	\$102,439	\$33,532	\$3,619	\$139,590	\$69,408	\$0	\$70,182	\$0

County	Local Name	<i>Beginning Balance</i>	<i>Motor Vehicle Fees Received</i>	<i>Interest</i>	<i>Revenue</i>	<i>Project Spending</i>	<i>Admin</i>	<i>Ending Balance</i>	<i>Funds Earmarked for Future Year</i>
	Tustin	\$2,931	\$84,929	\$422	\$88,282	\$0	\$0	\$88,282	\$88,283
	Villa Park	\$9,977	\$6,594	\$184	\$16,755	\$10,600	\$330	\$5,825	\$6,155
	Westminster	\$324,359	\$108,795	\$9,932	\$443,086	\$111,723	\$5,440	\$325,923	\$325,923
	Yorba Linda	\$650,242	\$78,605	\$19,363	\$748,210	\$69,787	\$0	\$678,423	\$30,000
	County Total:	\$9,789,445	\$3,609,023	\$266,900	\$13,665,368	\$3,726,892	\$69,146	\$9,869,330	\$7,497,813
Riverside Co.									
	Banning	\$250,699	\$33,030	\$5,652	\$289,381	\$49,501	\$0	\$239,880	\$2,398,800
	Beaumont	\$79,611	\$27,425	\$617	\$107,653	\$74,122	\$900	\$32,631	\$30,000
	Calimesa	\$46,299	\$7,087	\$953	\$54,339	\$3,000	\$0	\$51,339	\$55,213
	Canyon Lake	\$44,820	\$12,204	\$311	\$57,335	\$6,268	\$0	\$51,067	\$37,358
	Cathedral City	\$419,566	\$60,754	\$14,891	\$495,211	\$86,757	\$0	\$408,454	\$332,809
	Coachella	\$133,420	\$45,699	\$1,899	\$181,018	\$57,646	\$540	\$122,832	\$20,000
	Corona	\$361,382	\$172,417	\$13,301	\$547,100	\$273,864	\$8,324	\$264,912	\$260,500
	County of Riverside	\$1,306,564	\$589,624	\$31,307	\$1,927,496	\$645,057	\$29,481	\$1,252,958	\$1,226,000
	Desert Hot Springs	\$42,086	\$29,136	\$1,199	\$72,421	\$46,713	\$0	\$25,708	\$29,600
	Hemet	\$152,286	\$86,637	\$3,121	\$242,044	\$8,500	\$0	\$233,544	\$150,000
	Indian Wells	\$0	\$5,713	\$8	\$5,721	\$5,721	\$0	\$0	\$5,000
	Indio	\$49,386	\$93,992	\$2,424	\$145,802	\$41,667	\$0	\$104,135	\$104,135
	La Quinta	\$318,391	\$61,277	\$4,651	\$384,319	\$27,711	\$0	\$356,608	\$297,982
	Lake Elsinore	\$245,769	\$58,127	\$7,589	\$311,484	\$104,959	\$2,850	\$203,675	\$190,000
	Menifee	\$0	\$62,169	\$0	\$62,169	\$0	\$0	\$62,169	\$62,169
	Moreno Valley	\$758,508	\$213,283	\$15,118	\$986,909	\$486,547	\$89	\$500,273	\$574,570
	Murrieta	\$344,636	\$114,570	\$11,570	\$470,776	\$51,550	\$5,729	\$413,497	\$362,815
	Norco	\$47,831	\$30,771	\$1,089	\$79,691	\$6,526	\$1,500	\$71,665	\$66,000
	Palm Desert	\$217,629	\$58,980	\$53,480	\$330,089	\$39,547	\$0	\$290,542	\$242,410
	Palm Springs	\$47,323	\$54,732	\$1,217	\$103,272	\$54,732	\$0	\$48,540	\$55,000
	Perris	\$224,449	\$62,568	\$5,820	\$292,837	\$7,350	\$0	\$285,487	\$292,837
	Rancho Mirage	\$107,860	\$19,669	\$5,007	\$132,536	\$8,856	\$0	\$123,680	\$9,314
	Riverside (City)	\$666,781	\$346,960	\$37,682	\$1,051,423	\$283,450	\$10,699	\$757,274	\$699,190

County	Local Name	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Ending Balance	Funds Earmarked for Future Year
	San Jacinto	\$85,232	\$41,572	\$1,722	\$128,526	\$47,844	\$0	\$80,682	\$85,000
	Temecula	\$518,838	\$117,106	\$13,206	\$649,150	\$214,145	\$5,855	\$429,150	\$429,150
	Wildomar	\$0	\$35,773	\$238	\$36,011	\$0	\$0	\$36,011	\$22,000
	County Total:	\$6,469,367	\$2,441,276	\$234,072	\$9,144,714	\$2,632,033	\$65,967	\$6,446,714	\$8,037,852
 San Bernardino Co.									
	Big Bear Lake	\$16,625	\$7,175	\$403	\$24,203	\$1,258	\$0	\$22,945	\$7,200
	Chino	\$527,680	\$96,560	\$20,628	\$644,868	\$22,336	\$0	\$622,532	\$622,000
	Chino Hills	\$530,657	\$92,218	\$14,270	\$637,145	\$0	\$0	\$637,145	\$159,000
	Colton	\$144,238	\$60,595	\$3,348	\$208,181	\$0	\$0	\$208,181	\$208,181
	County of San	\$143,767	\$204,404	\$11,004	\$359,175	\$204,404	\$10,220	\$144,551	\$144,551
	Fontana	\$660,596	\$220,448	\$0	\$881,044	\$71,372	\$10,000	\$799,672	\$590,000
	Grand Terrace	\$48,042	\$14,546	\$972	\$63,560	\$2,686	\$700	\$60,174	\$41,100
	Highland	\$217,556	\$61,280	\$4,522	\$283,357	\$2,260	\$0	\$281,097	\$43,000
	Loma Linda	\$68,121	\$26,152	\$1,504	\$95,778	\$6,965	\$1,308	\$87,505	\$50,000
	Montclair	\$0	\$42,571	\$34	\$42,605	\$12,454	\$366	\$29,785	\$50,000
	Ontario	\$985,418	\$203,131	\$44,121	\$1,232,670	\$186,989	\$10,157	\$1,035,524	\$985,418
	Rancho Cucamonga	\$494,963	\$328,854	\$17,122	\$840,939	\$415,005	\$1,500	\$424,434	\$424,164
	Redlands	\$361,924	\$83,856	\$11,923	\$457,702	\$79,999	\$0	\$377,703	\$350,000
	Rialto	\$217,046	\$115,058	\$4,373	\$336,476	\$248,055	\$5,880	\$82,541	\$115,000
	San Bernardino (City)	\$136,123	\$245,794	\$6,143	\$388,060	\$239,307	\$0	\$148,753	\$114,500
	Upland	\$53,193	\$87,750	\$681	\$141,624	\$155,082	\$4,388	(\$17,846)	\$87,750
	Yucaipa	\$401,685	\$60,651	\$8,453	\$470,789	\$770	\$0	\$470,020	\$295,000
	County Total:	\$5,007,634	\$1,951,042	\$149,501	\$7,108,177	\$1,648,941	\$44,519	\$5,414,717	\$4,286,864
 GRAND TOTAL:									
		\$36,049,695	\$19,217,553	\$1,400,478	\$56,667,726	\$19,880,762	\$525,112	\$36,261,851	\$31,740,900

Number of Local Governments: 160

Local Government Administrative Costs

Fiscal Year 2008-2009

Local Government	Administrative Costs	Motor Vehicle Revenues	Admin Costs as %
Agoura Hills	\$1,200	\$26,474	5%
Alhambra	\$2,858	\$130,922	2%
Aliso Viejo	\$0	\$51,706	0%
Anaheim	\$13,496	\$404,839	3%
Arcadia	\$0	\$65,177	0%
Artesia	\$0	\$19,357	0%
Azusa	\$2,350	\$56,737	4%
Baldwin Park	\$0	\$94,670	0%
Banning	\$0	\$33,030	0%
Beaumont	\$900	\$27,425	3%
Bell	\$931	\$45,209	2%
Bell Gardens	\$0	\$54,539	0%
Bellflower	\$4,500	\$90,058	5%
Beverly Hills	\$0	\$40,925	0%
Big Bear Lake	\$0	\$7,175	0%
Brea	\$0	\$46,752	0%
Buena Park	\$0	\$96,533	0%
Burbank	\$4,628	\$92,567	5%
Calabasas	\$0	\$33,516	0%
Calimesa	\$0	\$7,087	0%
Canyon Lake	\$0	\$12,204	0%
Carson	\$0	\$83,940	0%
Cathedral City	\$0	\$60,754	0%
Cerritos	\$3,980	\$79,642	5%
Chino	\$0	\$96,560	0%
Chino Hills	\$0	\$92,218	0%
Claremont	\$0	\$42,274	0%
Coachella	\$540	\$45,699	1%
Colton	\$0	\$60,595	0%
Commerce	\$0	\$15,699	0%
Compton	\$0	\$116,064	0%
Corona	\$8,324	\$172,417	5%
Costa Mesa	\$0	\$143,134	0%
County of LA	\$0	\$933,447	0%
County of Orange	\$3,464	\$138,350	3%
County of Riverside	\$29,481	\$589,624	5%
County of San Bernardino	\$10,220	\$204,404	5%
Covina	\$2,790	\$57,680	5%
Cudahy	\$0	\$29,528	0%
Culver City	\$0	\$47,469	0%
Cypress	\$18	\$57,218	0%
Dana Point	\$0	\$43,103	0%
Desert Hot Springs	\$0	\$29,136	0%
Diamond Bar	\$0	\$51,419	0%
Downey	\$5,500	\$132,057	4%
Duarte	\$0	\$26,510	0%
El Monte	\$2,488	\$146,541	2%
El Segundo	\$0	\$19,178	0%
Fontana	\$10,000	\$220,448	5%
Fountain Valley	\$2,625	\$52,507	5%
Fullerton	\$7,412	\$160,733	5%
Garden Grove	\$10,093	\$202,222	5%
Gardena	\$3,607	\$72,130	5%

Local Government	Administrative Costs	Motor Vehicle Revenues	Admin Costs as %
Glendale	\$0	\$234,542	0%
Glendora	\$3,048	\$60,958	5%
Grand Terrace	\$700	\$14,546	5%
Hawaiian Gardens	\$0	\$17,371	0%
Hawthorne	\$5,052	\$103,652	5%
Hemet	\$0	\$86,637	0%
Hermosa Beach	\$0	\$22,714	0%
Hidden Hills	\$0	\$2,555	0%
Highland	\$0	\$61,280	0%
Huntington Beach	\$1,754	\$236,231	1%
Huntington Park	\$2,085	\$75,599	3%
Indian Wells	\$0	\$5,713	0%
Indio	\$0	\$93,992	0%
Inglewood	\$0	\$137,408	0%
Irvine	\$1,324	\$240,447	1%
Irwindale	\$0	\$1,843	0%
La Canada Flintridge	\$0	\$16,997	0%
La Habra	\$0	\$73,130	0%
La Habra Heights	\$0	\$7,058	0%
La Mirada	\$0	\$58,660	0%
La Palma	\$0	\$17,585	0%
La Puente	\$0	\$50,335	0%
La Quinta	\$0	\$61,277	0%
La Verne	\$1,978	\$39,594	5%
Laguna Beach	\$0	\$28,671	0%
Laguna Hills	\$0	\$38,365	0%
Laguna Niguel	\$0	\$78,090	0%
Laguna Woods	\$0	\$20,398	0%
Lake Elsinore	\$2,850	\$58,127	5%
Lake Forest	\$0	\$91,469	0%
Lakewood	\$4,117	\$97,514	4%
Lawndale	\$0	\$39,102	0%
Loma Linda	\$1,308	\$26,152	5%
Lomita	\$1,347	\$24,501	5%
Long Beach	\$14,598	\$574,565	3%
Los Alamitos	\$0	\$13,714	0%
Los Angeles (City)	\$231,723	\$4,720,863	5%
Lynwood	\$1,329	\$40,151	3%
Malibu	\$0	\$21,436	0%
Manhattan Beach	\$2,000	\$41,523	5%
Maywood	\$0	\$34,331	0%
Menifee	\$0	\$62,169	0%
Mission Viejo	\$3,421	\$115,200	3%
Monrovia	\$1,209	\$33,505	4%
Montclair	\$366	\$42,571	1%
Montebello	\$3,923	\$76,436	5%
Monterey Park	\$0	\$73,722	0%
Moreno Valley	\$89	\$213,283	0%
Murrieta	\$5,729	\$114,570	5%
Newport Beach	\$0	\$98,737	0%
Norco	\$1,500	\$30,771	5%
Norwalk	\$6,500	\$128,289	5%
Ontario	\$10,157	\$203,131	5%
Orange (City)	\$4,484	\$160,890	3%
Palm Desert	\$0	\$58,980	0%
Palm Springs	\$0	\$54,732	0%
Palos Verdes Estates	\$0	\$14,212	0%
Paramount	\$348	\$92,035	0%
Pasadena	\$0	\$169,236	0%

Local Government	Administrative Costs	Motor Vehicle Revenues	Admin Costs as %
Perris	\$0	\$62,568	0%
Pico Rivera	\$0	\$75,477	0%
Placentia	\$0	\$60,372	0%
Pomona	\$7,455	\$190,764	4%
Rancho Cucamonga	\$1,500	\$328,854	0%
Rancho Mirage	\$0	\$19,669	0%
Rancho Palos Verdes	\$0	\$50,124	0%
Rancho Santa Margarita	\$0	\$58,076	0%
Redlands	\$0	\$83,856	0%
Redondo Beach	\$0	\$78,771	0%
Rialto	\$5,880	\$115,058	5%
Riverside (City)	\$10,699	\$346,960	3%
Rolling Hills Estates	\$0	\$8,852	0%
Rosemead	\$0	\$64,648	0%
San Bernardino (City)	\$0	\$245,794	0%
San Clemente	\$0	\$79,277	0%
San Dimas	\$2,002	\$42,891	5%
San Fernando	\$0	\$29,384	0%
San Gabriel	\$0	\$49,163	0%
San Jacinto	\$0	\$41,572	0%
San Juan Capistrano	\$0	\$42,894	0%
San Marino	\$0	\$15,582	0%
Santa Ana	\$15,285	\$416,275	4%
Santa Clarita	\$3,648	\$152,397	2%
Santa Fe Springs	\$0	\$20,085	0%
Santa Monica	\$1,650	\$106,792	2%
Seal Beach	\$0	\$29,650	0%
Sierra Madre	\$762	\$15,242	5%
Signal Hill	\$0	\$12,965	0%
South El Monte	\$0	\$25,996	0%
South Gate	\$6,042	\$119,164	5%
South Pasadena	\$0	\$29,964	0%
Stanton	\$0	\$33,532	0%
Temecula	\$5,855	\$117,106	5%
Temple City	\$0	\$41,609	0%
Torrance	\$0	\$174,215	0%
Tustin	\$0	\$84,929	0%
Upland	\$4,388	\$87,750	5%
Villa Park	\$330	\$6,594	5%
Walnut	\$0	\$36,737	0%
West Covina	\$5,102	\$96,541	5%
West Hollywood	\$0	\$43,816	0%
Westlake Village	\$0	\$10,247	0%
Westminster	\$5,440	\$108,795	5%
Whittier	\$4,729	\$110,353	4%
Wildomar	\$0	\$35,773	0%
Yorba Linda	\$0	\$78,605	0%
Yucaipa	\$0	\$60,651	0%

Summary of Spending by Project SubCategory

Fiscal Year 2008-2009

Subcategory	Category	Expenditures	Number of Projects
(1) Alternative Fuels/Electric Vehicles			
(1a)	Alternative Fuel Vehicle Purchases	\$4,259,696	50
(1b)	Alternative Fuel Vehicle Conversions	\$101,921	3
(1c)	Alternative Fuel Infrastructure (refueling, etc.)	\$1,152,566	22
(1d)	Electric Vehicle Purchases	\$132,580	5
(1f)	Electric Veh Infrastructure	\$7,472	3
(1g)	Mechanic Training, Veh Oper (Non-transit fuel subsidies)	\$141,777	4
(1h)	Alternative Fuel Vehicle Research & Development	\$124,664	1
(2) Vehicle Emissions Abatement			
(2a)	Off Road Veh Cleaner Diesel Purchases, Repowers, &	\$320,138	4
(2b)	Improved Maintenance (I&M, smoking veh enforce)	\$87,297	2
(2c)	Old Vehicle Scrappage	\$1,241	1
(2d)	On-road CARB-verified Diesel Emission Control Systems--	\$330,305	7
(3) Land Use			
(3a)	Plan Elements	\$368,907	12
(3b)	Development Guidelines	\$655,716	20
(4) Public Transportation (Transit & Rail)			
(4a)	Public Transportation Facilities (multi-modal, shelters)	\$768,572	4
(4c)	Transit Operations (new service, shuttles, fuel subsidies)	\$510,324	14
(4d)	Passenger Fare Subsidies	\$521,729	18
(4e)	Public Transportation Research and Dev	\$2,200	1
(5) Traffic Management			
(5a)	Traffic Calming	\$126,749	2
(5b)	Traffic Flow or Signalization (timing, surveillance)	\$1,949,771	25
(5c)	Alternate Mode Signalization (transit/bike pre-emption)	\$11,710	1
(6) Transportation Demand Management			
(6a)	Employer-Based Trip Reduction	\$4,833,848	63
(6b)	Other Trip Reduction Incentive Programs	\$12,289	2
(6c)	Vanpool Programs	\$1,015,374	5
(6d)	Park and Ride Lots (for carpools, transit)	\$253,810	2
(6e)	Telecommunication	\$200,305	3
(6f)	Transportation Management Agencies/Organizations	\$227,340	3
(6g)	TCM Effectiveness Research and Development	\$17,355	1
(8) Bicycles			
(8a)	Bicycle Lanes and Trails (also bridges)	\$252,560	8
(8b)	Other Bicycle Facilities (racks, lockers, loop detectors)	\$119,185	4
(8c)	Bicycle Usage (electric bikes, purchases, loaner projects)	\$134,287	8

Subcategory	Category	Expenditures	Number of Projects
	(9) PM10 Reduction Strategies		
(9a)	Road Dust Control (paving roads, shoulders, street sweeping)	\$657,203	14
(9b)	PM10 Research and Development	\$92,594	1
	(10) Public Education		
(10a)	Short Term PE (promote transit, rideshare; conferences)	\$117,908	6
(10b)	Long Term PE (curriculum, video, brochures, bilingual)	\$66,072	2
	(11) Miscellaneous Projects		
(11a)	Miscellaneous (use with "Miscellaneous Projects")	\$305,295	35
	Grand Total	\$19,880,762	356

Local Government Projects Funded by Category

Fiscal Year 2008-2009

Project Category	Project Subcategory	Project Name	Motor Vehicle Expenditures
(1) Alternative Fuels/Electric Vehicles			
(1a) Alternative Fuel Vehicle Purchases			
	Agoura Hills	Public Works Hybrid Vehicle	\$31,745
	Arcadia	Purchase One Full Hybrid Vehicle	\$28,000
	Baldwin Park	Alternative Fuel Vehicle Purchase	\$83,705
	Beaumont	Alternative Fuel Vehicle Purchases	\$62,745
	Beaumont	SEGWAY Purchases	\$11,377
	Beverly Hills	Public Works & Transportation fleet vehicle (1)	\$20,000
	Calabasas	Super Ultra Low Emission Vehicle Fleet Acquisition	\$13,299
	Canyon Lake	New Vehicle and Related Costs	\$6,224
	Coachella	Purchase Hybrid Vehicle	\$31,579
	Corona	Vanpool Vans Replacement with Honda GX-CNG	\$134,448
	Culver City	Six CNG Refuse Trucks	\$90,000
	Culver City	Two CNG Pick-up Trucks	\$29,804
	Culver City	One CNG Heavy-duty Dump Truck	\$25,000
	Desert Hot Springs	Purchase Hybrid Vehicle for Public Works	\$37,269
	Duarte	2009 Nissan hybrid sedan vehicle	\$26,667
	El Monte	Alternate Fuel Vehicle Purchase	\$25,394
	El Segundo	Two Hybrid vehicles	\$53,528
	Fullerton	Lease of 3 Alternative Fuel Vehicles	\$13,846
	Glendora	Purchase of one hybrid Toyota Prius	\$25,668
	Hermosa Beach	2 Ford Escape Hybrids for Police Department	\$61,523
	Indian Wells	Purchase of one CNG Ford Crown Vic for use by City personnel	\$3,150
	La Habra Heights	Purchase of one (1) 2009 Ford Escape Hybrid	\$30,400
	La Verne	Two (2) Ford F-250 CNG vehicles	\$39,719
	Lake Elsinore	Hybrid Vehicles	\$98,290
	Lake Forest	Alternative Vehicle Purchase	\$37,554
	Lomita	CNG Street Sweeping Services	\$66,185
	Los Angeles (City)	Alternative Fuel Vehicle Purchase #1 & Support	\$933,228
	Los Angeles (City)	Alternative Fuel Vehicle Purchase #2 & Support	\$3,870
	Manhattan Beach	Purchase of Hybrid Vehicle	\$6,300
	Paramount	Purchase of 4 Hybrid Vehicles	\$225,423
	Placentia	Commercial Code Enforcement Vehicle	\$43,999
	Rancho Cucamonga	2008 Ford Escape	\$31,532
	Rancho Cucamonga	2008 Saturn Vue	\$28,498
	Redlands	Purchase Transit Bus	\$79,999
	Redondo Beach	CNG Bus Purchase	\$50,699
	Rialto	Purchase of Hybrid Vehicle	\$149,963
	San Gabriel	Hybrid Purchases	\$95,178
	San Jacinto	Malibu Purchase	\$23,545
	San Juan Capistrano	Hybrid Vehicle Purchase	\$31,913
	San Juan Capistrano	Hybrid Vehicle Purchase - Prius	\$24,109
	San Marino	Purchase of Hybrid Vehicles for Police Department	\$55,000
	Santa Clarita	Alternative Fuel Vehicle Purchase	\$929,488
	Santa Clarita	Storm drain Vactor Truck	\$25,000
	Sierra Madre	Two Replacement CNG-fueled Transit Buses	\$28,729
	Stanton	Purchase of Hybrid Vehicle	\$33,883
	Temple City	Purchase Hybrid Vehicles (3)	\$96,328
	Upland	Light Duty Alternative Fuel Vehicles	\$102,329

Project Category	Project Subcategory	Project Name	Motor Vehicle Expenditures
		West Covina Alternative Fuel Vehicle Purchase (2)	\$49,892
		Westlake Village CNG (1) and Hybrid Vehicles (3)	\$53,884
		Yorba Linda Vehicle replacement program	\$69,787
		Subcategory Total	\$4,259,696
	(1b) Alternative Fuel Vehicle Conversions		
	Irvine	Conversion of 2 vehicles to CNG	\$31,200
	South Pasadena	2008 GMC TC 6500 Dump Truck w/ CNG conversion	\$55,579
	South Pasadena	Shuttle Conversion CNG	\$15,142
		Subcategory Total	\$101,921
	(1c) Alternative Fuel Infrastructure (refueling, etc.)		
	Alhambra	Operation of NGV Fueling Station	\$8,264
	Banning	CNG Compressors	\$49,501
	Cathedral City	Development of CNG infrastructure	\$59,402
	Costa Mesa	Gas Vapor Recovery System	\$30,337
	County of Riverside	Construction of an LCNG fueling station	\$30,000
	Covina	CNG Infrastructure Support	\$14,501
	Grand Terrace	CNG Single Fueling Station - Line Installation	\$2,349
	Hawthorne	Alternative Fuel Infrastructure	\$3,800
	Los Angeles (City)	Alternative Fuel and Electric Vehicle Infrastructure	\$287,432
	Malibu	CNG Fueling Station	\$13,287
	Maywood	Alternative Fuel Purchase	\$34,331
	Monterey Park	CNG Fueling System	\$2,348
	Norco	Fuel	\$526
	Ontario	CNG Infrastructure Improvements	\$166,957
	Pomona	Construction of a new CNG Fueling Station	\$33,603
	Rancho Cucamonga	Alternative Fuel Infrastructure	\$187,079
	San Jacinto	Propane Tank Installation	\$10,000
	South Gate	Propane Fuel Infrastructure (refueling etc.)	\$13,573
	Stanton	CNG Vehicle Fuel	\$31,825
	Temecula	Alternative Fueling Station	\$150,000
	Villa Park	NGV Pump Station	\$10,600
	Walnut	CNG Fueling Station	\$12,851
		Subcategory Total	\$1,152,566
	(1d) Electric Vehicle Purchases		
	Inglewood	Street Patrol Electric Vehicles	\$71,550
	La Palma	Electric Utility Cart for Parks & Recreation's Fields	\$10,780
	Los Angeles (City)	Zero Emission Vehicle Demonstration Leases & Support	\$5,000
	Orange (City)	Community Services Electric Vehicle Initiative	\$29,638
	San Dimas	Purchase Electric Vehicle	\$15,612
		Subcategory Total	\$132,580
	(1f) Electric Veh Infrastructure		
	Grand Terrace	Electric Vehicle Fuel Station Infrastructure	\$337
	Santa Monica	Pedestals for Electric Chargers	\$6,320
	West Covina	Electric Vehicle Charging Station	\$816
		Subcategory Total	\$7,472
	(1g) Mechanic Training, Veh Oper (Non-transit fuel subsidies)		
	El Monte	Alternative Fuels/Electric Vehicles	\$1,560
	Los Angeles (City)	Alternative Fuel Vehicle Training and Support	\$79,226
	San Bernardino (City)	Alternative Fuel Vehicle Maintenance	\$60,000
	West Covina	CNG Fuel Calibration Certification	\$991
		Subcategory Total	\$141,777
	(1h) Alternative Fuel Vehicle Research & Development		
	Los Angeles (City)	Alternative Fuel Vehicle Demonstration Support	\$124,664
		Subcategory Total	\$124,664
		Category Total	\$5,920,676

Project Category	Project Subcategory	Project Name	Motor Vehicle Expenditures
(2) Vehicle Emissions Abatement			
(2a) Off Road Veh Cleaner Diesel Purchases, Repowers, & Retrofits			
Huntington Beach		Particulate filters for 3 beach maintenance diesel tractors	\$63,262
Huntington Beach		Particulate filter on beach maintenance diesel loader	\$24,673
Los Angeles (City)		Off-Road Vehicle Purchase #1 (2 loaders)	\$175,406
Los Angeles (City)		Off-Road Vehicle Purchase #2 (dozer)	\$56,797
Subcategory Total			\$320,138
(2b) Improved Maintenance (I&M, smoking veh enforce)			
La Verne		Network Fleet GPS Units/Remote Vehicle Diagnostic computer	\$11,925
South Gate		Vehicle Modification to Reduce Emissions	\$75,372
Subcategory Total			\$87,297
(2c) Old Vehicle Scrappage			
Long Beach		Rule 2202 Compliance	\$1,241
Subcategory Total			\$1,241
(2d) On-road CARB-verified Diesel Emission Control Systems--VDECS			
Arcadia		Installation of Diesel Particulate Matter Filters	\$30,357
Arcadia		Installation of Diesel Particulate Matter Filter	\$15,179
Los Angeles (City)		Cleaner Diesel On-Road Vehicle, Engines and Support	\$143,799
Pomona		Particulate matter reduction devises (DMPRD)	\$107,923
San Jacinto		Cleanaire System	\$14,299
San Marino		Diesel Exhaust Removal System Installed	\$9,374
San Marino		Diesel Exhaust Removal System Installed	\$9,374
Subcategory Total			\$330,305
Category Total			\$738,981
(3) Land Use			
(3a) Plan Elements			
Carson		Geographical Information System	\$24,061
Chino		General Plan Update	\$22,157
County of LA		Air Quality Coordination	\$5,265
County of LA		Clean Air Plan Implementation	\$4,155
Fullerton		General Plan Update	\$24,945
Long Beach		Metro Blue Line & Pedestrian Access Plan	\$81
Los Angeles (City)		Plans to Improve Air Quality	\$188,689
Mission Viejo		City of Mission Viejo AQ Planning/Implementation: FY08-09	\$18,525
Norwalk		I-5 Consortium Cities Guideline Development	\$12,829
Santa Ana		Regional Air Quality Coordination	\$43,000
Santa Ana		Santa Ana Renaissance Specific Plan	\$15,000
Santa Ana		Mixed Use Transit Corridors	\$10,200
Subcategory Total			\$368,907
(3b) Development Guidelines			
Artesia		Gateway Cities Sustainable Communities Study	\$5,000
Bell		Gateway Cities COG Program Activities	\$4,500
Bell Gardens		I-710 Corridor Project	\$10,000
Cerritos		Gateway Cities - SB375 Study	\$5,000
Cudahy		I-710 Corridor Project	\$3,000
Huntington Park		SB375 Sustainable Community Strategy	\$2,500
La Mirada		SB375 Program Assessment	\$5,000
Lakewood		Major Corridor Study - 91/605	\$30,544
Lakewood		Corridor Study / SB375	\$14,918
Lakewood		91/605 COG Corridor Study	\$9,660
Long Beach		SB375 COG Study	\$16,000
Los Angeles (City)		Land Use, Development, and Other Strategies to Improve AQ	\$269,778
Los Angeles (City)		Climate Action Plan	\$233,075
Los Angeles (City)		Urban Heat Island Projects & Development	\$11,507

Project Category	Project Subcategory	Project Name	Motor Vehicle Expenditures
Paramount		Transportation planning	\$6,445
Paramount		SB375 Sustainable Community Strategy	\$5,000
Pico Rivera		Gateway Cities - SB 375 Study	\$5,000
Santa Ana		Bicycle Support Facilities	\$3,800
Signal Hill		Gateway Cities Trans Assessment	\$2,988
South Gate		Air Quality Planning and Development	\$12,000
		Subcategory Total	\$655,716
		Category Total	\$1,024,623
(4) Public Transportation (Transit & Rail)			
	(4a) Public Transportation Facilities (multi-modal, shelters)		
Beverly Hills		Bus Stop shelter/bench/amenities enhancement	\$50,000
Buena Park		Buena Park Metrolink Multi-Modal Facility	\$547,395
Laguna Niguel		Laguna Niguel/Mission Viejo Metrolink Station	\$51,311
Rancho Santa Margarita		Public Transportation Infrastructure	\$119,866
		Subcategory Total	\$768,572
	(4c) Transit Operations (new service, shuttles, fuel subsidies)		
Anaheim		Canyon Downtown Program	\$39,611
Anaheim		Rail Feeder Pool Vehicles	\$4,449
Brea		Brea Transportation Program	\$46,752
Carson		Public Transit Equipment	\$168,263
Corona		Holiday Trolley	\$1,000
Duarte		Shuttle Service	\$764
Glendora		Metrolink Connection Shuttle Services	\$11,893
Huntington Beach		Shuttle Service Operation	\$56,770
La Habra		Shuttle Program	\$73,130
Pasadena		Pasadena ARTS - Route 10 Bus Service	\$7,080
Rancho Palos Verdes		PV Transit (Palos Verdes Peninsula Transit Authority)	\$50,000
Santa Fe Springs		Norwalk/Santa Fe Springs Transportation Center Shuttle	\$20,085
Seal Beach		Local Transportation Program	\$26,827
Stanton		Van Transportation	\$3,700
		Subcategory Total	\$510,324
	(4d) Passenger Fare Subsidies		
Anaheim		Metrolink - OCTA	\$167,281
Azusa		Metrolink Subsidy Program	\$3,753
Compton		Rideshare Program	\$90,715
Corona		RTA/RCC Go-Pass - two year program	\$18,670
Corona		Employee Express Bus Monthly Pass Program	\$43
County of Riverside		Riverside Community College Go-Pass Program	\$4,000
Covina		Commuter Choice Reimbursement Program	\$4,360
Duarte		Senior Bus Passes	\$12,400
Laguna Beach		Free Ride to Work Bus Pass Program	\$12,075
Laguna Beach		Free Main Line Service during the Summer	\$8,618
Lynwood		Fixed Trolley Route	\$44,308
Monrovia		Discount Bus Passes	\$8,838
Moreno Valley		RTA Go-Pass Bus Fare Subsidies Program	\$28,075
Perris		RTA U Pass Program	\$7,350
Riverside (City)		RCCD Go Pass Program	\$75,000
Riverside (City)		City of Riverside Employee City Pass	\$9,750
Santa Clarita		Passenger Fare Subsidies	\$14,813
South El Monte		Bus Pass Program	\$11,680
		Subcategory Total	\$521,729
	(4e) Public Transportation Research and Dev		
Santa Ana		Santa Ana Transit Master Plan	\$2,200
		Subcategory Total	\$2,200
		Category Total	\$1,802,825

Project Category	Project Subcategory	Project Name	Motor Vehicle Expenditures
(5) Traffic Management			
(5a) Traffic Calming			
Riverside (City)		Traffic timing and Coordination / Traffic Mgmt Center	\$30,122
San Clemente		Traffic calming radar signals	\$96,627
Subcategory Total			\$126,749
(5b) Traffic Flow or Signalization (timing, surveillance)			
Chino		City wide Traffic Monitoring/Control Project	\$67
Costa Mesa		17th/Tustin & Harbor/Wilson Intersection Improvements	\$76,417
Costa Mesa		Signal Management System Upgrade Project	\$40,425
Costa Mesa		Costa Mesa & Santa Ana Signal Coordination Project	\$31,565
Costa Mesa		Red Hill Av. and Baker St./Bear St. Signal Improvements	\$29,829
Costa Mesa		CCTV Phase III Expansion Project	\$21,695
Costa Mesa		Fairview Rd./Adams Ave. Intersection Improvements	\$6,299
Costa Mesa		Harbor Blvd./Gisler Ave. Intersection Improvements	\$2,752
Fontana		Cherry Valley - Arrow Wireless	\$60,647
Fountain Valley		Traffic Improvement Project 029 (T1 029)	\$42,000
Highland		Signal Synchronization	\$2,260
Huntington Beach		Traffic Signals	\$1,336
La Mirada		Interstate 5 Capacity Enhancement Innovation Project	\$55,600
Laguna Hills		Alicia Parkway and La Paz Road Signal Interconnect	\$62,799
Laguna Niguel		Traffic Signal Synchronization	\$43,781
Lake Elsinore		Traffic Synchronization	\$6,669
Lakewood		Truck-impacted intersection project	\$4,718
Loma Linda		Signal Coordination	\$6,965
Los Angeles (City)		ATSAC Control Center	\$778,943
Mission Viejo		City of Mission Viejo Traffic Signal Coordination: FY08-09	\$117,308
Moreno Valley		Krameria Avenue / Vista Conejo Traffic Signal Improvements	\$249,397
Moreno Valley		Traffic Signal Coordination Program	\$106,154
Murrieta		Traffic Light Synchronization Program	\$51,550
Pico Rivera		Traffic Control Measures	\$70,596
San Bernardino (City)		Misc Traffic Engineering	\$80,000
Subcategory Total			\$1,949,771
(5c) Alternate Mode Signalization (transit/bike pre-emption)			
Long Beach		Pedestrian/Bike Signal & Related	\$11,710
Subcategory Total			\$11,710
Category Total			\$2,088,231
(6) Transportation Demand Management			
(6a) Employer-Based Trip Reduction			
Anaheim		Trip Reduction Plan	\$70,017
Arcadia		Rideshare Plus Program	\$21,546
Azusa		Employee Rideshare Program	\$21,084
Baldwin Park		Employee Transportation Program	\$12,174
Bell Gardens		Alternative Transportation Program	\$935
Beverly Hills		Employee Rideshare Program	\$20,000
Burbank		Burbank Commuter Program	\$95,802
Carson		Breathe - Employee Rideshare Program	\$82,369
Cerritos		Employee Rideshare Trip Rebate Program	\$37,310
Chino		Participation in the Air Quality Investment Program	\$112
Claremont		City Employee Trip Reduction Program	\$4,090
Commerce		Employer Based Trip Reduction	\$15,699
Corona		City of Corona Trip Reduction Program	\$50,928
Costa Mesa		Rule 2202 Implementation	\$11,497
County of LA		Trip Reduction Plan Incentive - Civic Center	\$746,731
County of LA		Trip Reduction Plan Incentive; Countywide (no Civic Center)	\$182,035

Project Category	Project Subcategory	Project Name	Motor Vehicle Expenditures
County of Orange		Employee Rideshare Program	\$25,000
County of Riverside		Rideshare Program	\$517,796
County of San Bernardino		Employee Commute Reduction Program	\$204,404
Covina		Covina Rideshare Program	\$3,850
Downey		Downey Employees "Thumbs Up" Commuting Program	\$132,057
El Monte		Transportation Demand Management	\$71,840
Fontana		Rideshare Program	\$10,725
Fullerton		Employee Rideshare Program (Rule 2202 Implementation)	\$18,174
Garden Grove		Employee Commute Reduction Program	\$202,222
Gardena		Gardena Employee Rideshare	\$41,300
Gardena		Air Quality Investment Program	\$1,192
Glendale		Employee Trip Reduction Program	\$310,000
Glendora		ALTCOM--Rideshare Program	\$15,401
Hawthorne		Rideshare Program	\$2,830
Hermosa Beach		AQMD Incentives to reduce auto trips	\$310
Huntington Beach		Employee Alternative Commute Rideshare Program	\$42,017
Irvine		Rule 2202 Compliance	\$4,505
Los Angeles (City)		Commuter Services	\$248,798
Los Angeles (City)		Commuter Services	\$233,449
Los Angeles (City)		Commuter Services	\$5,398
Monrovia		Clean Air Program	\$9,846
Montclair		Rideshare Program	\$12,454
Monterey Park		Employee Transportation Program	\$39,630
Newport Beach		Employee Rideshare Program	\$16,705
Ontario		Rideshare	\$20,032
Orange (City)		Trip Reduction Program	\$140,573
Palm Desert		Rideshare Program	\$6,102
Palm Springs		Rideshare Activities	\$54,732
Pasadena		Prideshare	\$172,534
Pomona		On Road Motor Vehicle Mitigation Options	\$4,150
Pomona		On Road Motor Vehicle Mitigation Options	\$487
Rancho Cucamonga		Ride Share Program	\$48,205
Redondo Beach		Employee Rideshare	\$46,003
Rialto		Employer Based Trip Reduction (6) (6a)	\$98,092
Riverside (City)		Rule 2202 On-Road Motor Vehicle Mitigation Compliance	\$31,226
San Bernardino (City)		Employee Rideshare Program	\$99,307
Santa Ana		Santa Ana Employer Based Program	\$241,198
South Gate		Employer Rideshare Program	\$5,563
South Pasadena		Rideshare Program for City Employees	\$4,871
Torrance		Employee Trip Reduction Program	\$182,914
Upland		Rides Share	\$33,968
West Covina		Employee Rideshare Program	\$39,779
West Covina		Air Quality Investment Program (AQIP)	\$8,212
West Hollywood		Employee Trip Reduction	\$8,480
Westminster		Rideshare Program	\$30,122
Whittier		Employee Rideshare	\$10,251
Whittier		Air Quality Investment Program	\$4,817
		Subcategory Total	\$4,833,848
	(6b) Other Trip Reduction Incentive Programs		
La Verne		Bike, Carpool, Walk Incentive Program	\$12,229
La Verne		Bike To Work Week Incentive	\$60
		Subcategory Total	\$12,289

Project Category	Project Subcategory	Project Name	Motor Vehicle Expenditures
(6c) Vanpool Programs			
Anaheim		City Wide Vanpool Program	\$21,992
Corona		City of Corona Carpool/Vanpool Program (9- vehicles)	\$60,895
Cypress		City of Cypress Employee Vanpool	\$568
Los Angeles (City)		Commuter Services Office (Vanpool)	\$850,318
Westminster		Vanpool Program	\$81,601
Subcategory Total			\$1,015,374
(6d) Park and Ride Lots (for carpools, transit)			
Irvine		Irvine Transportation Center Parking Structure	\$199,665
Temecula		Temecula Park and Ride	\$54,145
Subcategory Total			\$253,810
(6e) Telecommunication			
County of Riverside		Teleconferencing	\$14,805
Fullerton		Permits & Telecommunications Project	\$150,500
Irvine		Video Conferencing	\$35,000
Subcategory Total			\$200,305
(6f) Transportation Management Agencies/Organizations			
Corona		T-NOW Committee Public Transit Field Trip/Monthly Meeting	\$80
Fullerton		Regional Transportation Management	\$3,598
Los Angeles (City)		Regional Transportation Planning to Improve Air Quality	\$223,662
Subcategory Total			\$227,340
(6g) TCM Effectiveness Research and Development			
Huntington Beach		Transportation Management Feasibility Study	\$17,355
Subcategory Total			\$17,355
Category Total			\$6,560,322
(8) Bicycles			
(8a) Bicycle Lanes and Trails (also bridges)			
Aliso Viejo		#047 Bike Trail on SCE Row	\$1,206
Anaheim		Crescent Bike Path	\$29,091
Anaheim		Bike Lanes - La Palma & Nohl Ranch Rd	\$11,138
Big Bear Lake		Bicycle master plan review and signage	\$1,258
Long Beach		Vista Bike Boulevard	\$10,258
Rolling Hills Estates		Palos Verdes Dr N Bike Lane Project	\$162,142
Whittier		Greenway Bicycle Trail	\$36,697
Yucaipa		12th Street Storm Drain, Curb, Gutter & Sidewalk	\$770
Subcategory Total			\$252,560
(8b) Other Bicycle Facilities (racks, lockers, loop detectors)			
Anaheim		Bicycle Lockers	\$10,561
Long Beach		Bike Parking	\$83,230
Long Beach		Bike Sharing Project	\$17,650
San Marino		Bicycle Lockers & Racks	\$7,745
Subcategory Total			\$119,185
(8c) Bicycle Usage (electric bikes, purchases, loaner projects)			
Baldwin Park		Bicycle Patrol Purchases	\$800
Beverly Hills		Parking Enforcement Bicycles (2)	\$10,000
Canyon Lake		AQMD Bicycle Patrol	\$44
Dana Point		Law Enforcement Bicycle Patrol	\$3,252
Lomita		Lomita Bicycle Patrol	\$3,000
Los Angeles (City)		Bicycle Purchases & Support	\$111,344
Orange (City)		Orange Police Bike Team (Community Policing)	\$4,512
San Marino		Bicycle Purchases for Police Patrol	\$1,335
Subcategory Total			\$134,287
Category Total			\$506,032

Project Category	Project Subcategory	Project Name	Motor Vehicle Expenditures
(9) PM10 Reduction Strategies			
(9a) Road Dust Control (paving roads, shoulders, street sweeping)			
Cathedral City	Regional PM10 Street Sweeping Program		\$27,355
Coachella	Regional PM10 Street Sweeping Program		\$26,067
County of Riverside	Regional PM10 Street Sweeping Program		\$38,456
Desert Hot Springs	CVAG Regional PM10 Street Sweeping Program		\$9,444
Hawthorne	Street Sweeper Program		\$150,000
Indian Wells	PM 10 Reduction		\$2,571
Indio	PM 10 Reduction Strategies		\$41,667
La Quinta	Regional PM10 Street Sweeping Program		\$27,711
Moreno Valley	Street Sweeping Program - PM10 and PM2.5 Reduction		\$87,922
Palm Desert	CVAG Regional PM10 Street Sweeping Program		\$33,445
Rancho Cucamonga	3 CNG Street Sweepers Purchase		\$75,000
Rancho Mirage	CVAG Regional PM10 Street Sweeping Program		\$8,856
Riverside (City)	PM10 Paving Projects		\$109,924
Upland	Street Sweeping		\$18,785
Subcategory Total			\$657,203
(9b) PM10 Research and Development			
SC Los Angeles (City)	PM Standards & Control Measures Development		\$92,594
Subcategory Total			\$92,594
Category Total			\$749,797
(10) Public Education			
(10a) Short Term PE (promote transit, rideshare; conferences)			
Anaheim	Rideshare Outreach		\$17,426
Duarte	Air Quality Education		\$675
La Puente	Rideshare Information		\$5,400
Los Angeles (City)	Public Outreach & Education Short Term		\$80,807
Santa Monica	Alt Car Expo		\$10,000
Walnut	Solar Car Project		\$3,600
Subcategory Total			\$117,908
(10b) Long Term PE (curriculum, video, brochures, bilingual)			
Laguna Beach	Promotion of Free Ride Programs		\$1,700
Los Angeles (City)	Public Outreach & Education Long Term		\$64,372
Subcategory Total			\$66,072
Category Total			\$183,980
(11) Miscellaneous Projects			
(11a) Miscellaneous (use with "Miscellaneous Projects" Category)			
Alhambra	SGVCOG Dues		\$13,500
Arcadia	San Gabriel Valley Council of Governments (SGVCOG)		\$8,474
Azusa	SGVCOG Dues		\$7,311
Baldwin Park	SGV COG Dues		\$5,000
Calimesa	WRCOG Dues		\$3,000
Claremont	San Gabriel Valley Council of Government - Clean Air Dues		\$4,500
Corona	Western Riverside Council of Gov Clean Cities Coalition		\$6,000
Corona	Annual Audit of AB 2766 Funds		\$1,800
County of Riverside	Western Riverside County Council of Governments		\$40,000
Diamond Bar	SGVCOG Annual Dues		\$9,700
Duarte	SGV COG dues		\$3,486
El Monte	SGVCOG Dues		\$12,500
Glendora	SGVCOG Membership Dues		\$7,854
Hemet	Membership dues-Clean Cities Coalition		\$8,500
Irwindale	SGVCOG Contributions		\$1,700

Project Category	Project Subcategory	Project Name	Motor Vehicle Expenditures
La Canada Flintridge		San Gabriel Valley COG Membership	\$3,600
La Canada Flintridge		Link and Gateway Project	\$180
La Puente		SGVCOG Dues & Membership	\$6,830
Monrovia		San Gabriel Valley COG (SGVCOG)	\$4,334
Moreno Valley		WRCOG - Clean Cities Coalition	\$15,000
Norco		Western Riverside COG DUES	\$6,000
Pomona		San Gabriel Valley Council of Government dues	\$13,500
Rancho Cucamonga		Diesel Fleet Retrofit Project	\$44,691
Riverside (City)		WRCOG Clean Cities Coalition	\$25,000
Riverside (City)		City Alternative Fuel Vehicle Rebate Program	\$2,000
Riverside (City)		Central Printing Charges	\$428
Rosemead		Membership Fees (SGVCOG)	\$9,000
San Gabriel		SGVCOG Membership dues	\$4,567
San Marino		SGV Council of Governments Dues	\$2,026
Sierra Madre		SGVCOG Annual Dues	\$1,667
South El Monte		SGVCOG Dues	\$3,500
South Pasadena		SGV COG dues	\$3,090
Temecula		WRCOG- Clean Cities Coalition Air Quality	\$10,000
Walnut		San Gabriel Valley COG Air Quality Program	\$5,060
Whittier		Gateway Cities COG dues	\$11,497
		Subcategory Total	\$305,295
		Category Total	\$305,295
		GRAND TOTAL:	\$19,880,762

Range of Cost-Effectiveness by Subcategory for Fiscal Year 2008-2009

	Lowest	Highest	Lowest (\$/lb)	Highest (\$/lb)
	(ROG + NO _x + PM _{2.5})		(ROG + NO _x + PM _{2.5} + CO/7)	
(1a) Alternative Fuel Vehicle Purchases	\$4.34	\$13,773.43	\$4.34	\$7,160.37
(1b) Alternative Fuel Vehicle Conversions	\$109.60	\$4,076.50	\$74.95	\$1,500.56
(1c) Alternative Fuel Infrastructure (refueling, etc.)	\$5.96	\$25.12	\$3.08	\$25.12
(1d) Electric Vehicle Purchases	\$3.87	\$3,739.13	\$3.65	\$933.70
(2a) Off Road Veh Cleaner Diesel Purchases, Repowers	\$36.82	\$1,204.21	\$35.46	\$1,204.21
(2c) Old Vehicle Scrappage	\$0.03	\$0.03	\$0.03	\$0.03
(2d) On-road CARB-verified Diesel Emission Control	\$12.19	\$1,008.01	\$12.19	\$1,008.01
(4a) Public Transportation Facilities (multi-modal)	\$14.23	\$14.23	\$13.31	\$13.31
(4c) Transit Operations (new service, shuttles, fuel)	\$1.40	\$1,008.85	\$0.82	\$742.55
(4d) Passenger Fare Subsidies	\$0.05	\$647.90	\$0.03	\$370.78
(5b) Traffic Flow or Signalization (timing, surveillance)	\$0.12	\$153.32	\$0.08	\$99.83
(6a) Employer-Based Trip Reduction	\$0.90	\$284.45	\$0.51	\$165.49
(6b) Other Trip Reduction Incentive Programs	\$89.70	\$904.11	\$55.12	\$532.74
(6c) Vanpool Programs	\$7.14	\$2,029.19	\$5.21	\$1,612.82
(6d) Park and Ride Lots (for carpools, transit)	\$4.03	\$48.14	\$2.31	\$28.72

	Lowest	Highest	Lowest (\$/lb)	Highest (\$/lb)
	(ROG + NO _x + PM _{2.5})		(ROG + NO _x + PM _{2.5} + CO/7)	
(6e) Telecommunication	\$210.95	\$1,119.50	\$120.80	\$640.47
(8a) Bicycle Lanes and Trails (also bridges)	\$2.63	\$186.78	\$1.53	\$109.07
(8b) Other Bicycle Facilities (racks, lockers, loop detectors)	\$30.13	\$30.13	\$17.20	\$17.20
(8c) Bicycle Usage (electric bikes, purchases, loaner)	\$24.56	\$176.45	\$6.13	\$44.06
(9a) Road Dust Control (paving roads, shoulders)	\$1.89	\$76.72	\$1.89	\$76.72

Cost-effectiveness is based on MVFees + MSRC + Moyer funding.

Project Funding Sources

Fiscal Year 2008-2009

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Agoura Hills					
Public Works Hybrid Vehicle	\$31,745	\$0	\$0	\$0	\$0
Alhambra					
Operation of NGV Fueling Station	\$8,264	\$0	\$0	\$0	\$0
SGVCOG Dues	\$13,500	\$0	\$0	\$0	\$0
Aliso Viejo					
#047 Bike Trail on SCE Row	\$1,206	\$0	\$0	\$0	\$0
Anaheim					
Bicycle Lockers	\$10,561	\$0	\$0	\$0	\$1,251
Bike Lanes - La Palma & Nohl Ranch Rd	\$11,138	\$0	\$0	\$0	\$1,319
Canyon Downtown Program	\$39,611	\$0	\$0	\$0	\$47,617
City Wide Vanpool Program	\$21,992	\$0	\$0	\$0	\$11,057
Crescent Bike Path	\$29,091	\$0	\$0	\$0	\$0
Metrolink - OCTA	\$167,281	\$0	\$0	\$0	\$31,643
Rail Feeder Pool Vehicles	\$4,449	\$0	\$0	\$0	\$527
Rideshare Outreach	\$17,426	\$0	\$0	\$0	\$2,064
Trip Reduction Plan	\$70,017	\$0	\$0	\$0	\$8,291
Arcadia					
Installation of Diesel Particulate Matter Filter	\$15,179	\$0	\$0	\$0	\$0
Installation of Diesel Particulate Matter Filters	\$30,357	\$0	\$0	\$0	\$0
Purchase One Full Hybrid Vehicle	\$28,000	\$0	\$0	\$0	\$0
Rideshare Plus Program	\$21,546	\$0	\$0	\$0	\$0
San Gabriel Valley Council of Governments (SGVCOG)	\$8,474	\$0	\$0	\$0	\$0
Artesia					
Gateway Cities Sustainable Communities Study	\$5,000	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Azusa					
Employee Rideshare Program	\$21,084	\$0	\$0	\$0	\$0
Metrolink Subsidy Program	\$3,753	\$0	\$0	\$0	\$2,713
SGVCOG Dues	\$7,311	\$0	\$0	\$0	\$0
Baldwin Park					
Alternative Fuel Vehicle Purchase	\$83,705	\$0	\$0	\$0	\$0
Bicycle Patrol Purchases	\$800	\$0	\$0	\$0	\$0
Employee Transportation Program	\$12,174	\$0	\$0	\$0	\$0
SGV COG Dues	\$5,000	\$0	\$0	\$0	\$13,200
Banning					
CNG Compressors	\$49,501	\$0	\$0	\$0	\$0
Beaumont					
Alternative Fuel Vehicle Purchases	\$62,745	\$0	\$0	\$0	\$0
SEGWAY Purchases	\$11,377	\$0	\$0	\$0	\$0
Bell					
Gateway Cities COG Program Activities	\$4,500	\$0	\$0	\$0	\$0
Bell Gardens					
Alternative Transportation Program	\$935	\$0	\$0	\$0	\$0
I-710 Corridor Project	\$10,000	\$0	\$0	\$0	\$0
Bellflower					
	\$0	\$0	\$0	\$0	\$0
Beverly Hills					
Bus Stop shelter/bench/amenities enhancement	\$50,000	\$0	\$0	\$0	\$0
Employee Rideshare Program	\$20,000	\$0	\$0	\$0	\$0
Parking Enforcement Bicycles (2)	\$10,000	\$0	\$0	\$0	\$0
Public Works & Transportation fleet vehicle (1)	\$20,000	\$0	\$0	\$0	\$0
Big Bear Lake					
Bicycle master plan review and signage	\$1,258	\$0	\$0	\$0	\$0
Brea					
Brea Transportation Program	\$46,752	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Buena Park					
Buena Park Metrolink Multi-Modal Facility	\$547,395	\$0	\$0	\$0	\$0
Burbank					
Burbank Commuter Program	\$95,802	\$0	\$0	\$0	\$0
Calabasas					
Super Ultra Low Emission Vehicle Fleet Acquisition	\$13,299	\$0	\$0	\$0	\$0
Calimesa					
WRCOG Dues	\$3,000	\$0	\$0	\$0	\$0
Canyon Lake					
AQMD Bicycle Patrol	\$44	\$0	\$0	\$0	\$0
New Vehicle and Related Costs	\$6,224	\$0	\$0	\$0	\$0
Carson					
Breathe - Employee Rideshare Program	\$82,369	\$0	\$0	\$0	\$0
Geographical Information System	\$24,061	\$0	\$0	\$0	\$0
Public Transit Equipment	\$168,263	\$0	\$0	\$0	\$0
Cathedral City					
	\$0	\$0	\$0	\$0	\$0
Development of CNG infrastructure	\$59,402	\$0	\$0	\$0	\$0
Regional PM10 Street Sweeping Program	\$27,355	\$0	\$0	\$0	\$0
Cerritos					
Employee Rideshare Trip Rebate Program	\$37,310	\$0	\$0	\$0	\$0
Gateway Cities - SB375 Study	\$5,000	\$0	\$0	\$0	\$0
Chino					
City wide Traffic Monitoring/Control Project	\$67	\$0	\$0	\$0	\$0
General Plan Update	\$22,157	\$0	\$0	\$0	\$0
Participation in the Air Quality Investment Program	\$112	\$0	\$0	\$0	\$0
Chino Hills					
	\$0	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Claremont					
City Employee Trip Reduction Program	\$4,090	\$0	\$0	\$0	\$0
San Gabriel Valley Council of Government - Clean Air Dues	\$4,500	\$0	\$0	\$0	\$0
Coachella					
Purchase Hybrid Vehicle	\$31,579	\$0	\$0	\$0	\$0
Regional PM10 Street Sweeping Program	\$26,067	\$0	\$0	\$0	\$0
Colton					
	\$0	\$0	\$0	\$0	\$0
Commerce					
Employer Based Trip Reduction	\$15,699	\$0	\$0	\$0	\$0
Compton					
Rideshare Program	\$90,715	\$0	\$0	\$0	\$0
Corona					
Annual Audit of AB 2766 Funds	\$1,800	\$0	\$0	\$0	\$0
City of Corona Carpool/Vanpool Program (9- vehicles)	\$60,895	\$0	\$0	\$0	\$0
City of Corona Trip Reduction Program	\$50,928	\$0	\$0	\$0	\$0
Employee Express Bus Monthly Pass Program	\$43	\$0	\$0	\$0	\$0
Holiday Trolley	\$1,000	\$0	\$0	\$0	\$0
RTA/RCC Go-Pass - two year program	\$18,670	\$0	\$0	\$0	\$0
T-NOW Committee Public Transit Field Trip/Monthly Meeting	\$80	\$0	\$0	\$0	\$0
Vanpool Vans Replacement with Honda GX-CNG	\$134,448	\$0	\$0	\$0	\$0
Western Riverside Council of Gov Clean Cities Coalition	\$6,000	\$0	\$0	\$0	\$0
Costa Mesa					
17th/Tustin & Harbor/Wilson Intersection Improvements	\$76,417	\$0	\$0	\$0	\$0
CCTV Phase III Expansion Project	\$21,695	\$0	\$0	\$0	\$0
Costa Mesa & Santa Ana Signal Coordination Project	\$31,565	\$0	\$0	\$0	\$0
Fairview Rd./Adams Ave. Intersection Improvements	\$6,299	\$0	\$0	\$0	\$0
Gas Vapor Recovery System	\$30,337	\$0	\$0	\$0	\$0
Harbor Blvd./Gisler Ave. Intersection Improvements	\$2,752	\$0	\$0	\$0	\$0
Red Hill Av. and Baker St./Bear St. Signal Improvements	\$29,829	\$0	\$0	\$0	\$0
Rule 2202 Implementation	\$11,497	\$0	\$0	\$0	\$0
Signal Management System Upgrade Project	\$40,425	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
County of LA					
Air Quality Coordination	\$5,265	\$0	\$0	\$0	\$0
Clean Air Plan Implementation	\$4,155	\$0	\$0	\$0	\$0
Trip Reduction Plan Incentive - Civic Center	\$746,731	\$0	\$0	\$0	\$0
Trip Reduction Plan Incentive; Countywide (no Civic Center)	\$182,035	\$0	\$0	\$0	\$0
County of Orange					
Employee Rideshare Program	\$25,000	\$0	\$0	\$0	\$142,109
County of Riverside					
Construction of an LCNG fueling station	\$30,000	\$0	\$0	\$0	\$0
Regional PM10 Street Sweeping Program	\$38,456	\$0	\$0	\$0	\$0
Rideshare Program	\$517,796	\$0	\$0	\$0	\$0
Riverside Community College Go-Pass Program	\$4,000	\$0	\$0	\$0	\$0
Teleconferencing	\$14,805	\$0	\$0	\$0	\$0
Western Riverside County Council of Governments	\$40,000	\$0	\$0	\$0	\$0
County of San Bernardino					
Employee Commute Reduction Program	\$204,404	\$0	\$0	\$0	\$0
Covina					
CNG Infrastructure Support	\$14,501	\$0	\$0	\$0	\$0
Commuter Choice Reimbursement Program	\$4,360	\$0	\$0	\$0	\$0
Covina Rideshare Program	\$3,850	\$0	\$0	\$0	\$0
Cudahy					
I-710 Corridor Project	\$3,000	\$0	\$0	\$0	\$0
Culver City					
One CNG Heavy-duty Dump Truck	\$25,000	\$25,000	\$0	\$0	\$112,267
Six CNG Refuse Trucks	\$90,000	\$192,000	\$0	\$0	\$1,303,635
Two CNG Pick-up Trucks	\$29,804	\$0	\$0	\$0	\$255,572
Cypress					
City of Cypress Employee Vanpool	\$568	\$0	\$0	\$0	\$0
Dana Point					
Law Enforcement Bicycle Patrol	\$3,252	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Desert Hot Springs					
CVAG Regional PM10 Street Sweeping Program	\$9,444	\$0	\$0	\$0	\$0
Purchase Hybrid Vehicle for Public Works	\$37,269	\$0	\$0	\$0	\$0
Diamond Bar					
SGVCOG Annual Dues	\$9,700	\$0	\$0	\$0	\$0
Downey					
Downey Employees "Thumbs Up" Commuting Program	\$132,057	\$0	\$0	\$0	\$0
Duarte					
2009 Nissan hybrid sedan vehicle	\$26,667	\$0	\$0	\$0	\$0
Air Quality Education	\$675	\$0	\$0	\$0	\$0
Senior Bus Passes	\$12,400	\$0	\$0	\$0	\$0
SGV COG dues	\$3,486	\$0	\$0	\$0	\$0
Shuttle Service	\$764	\$0	\$0	\$0	\$0
El Monte					
Alternate Fuel Vehicle Purchase	\$25,394	\$0	\$0	\$0	\$0
Alternative Fuels/Electric Vehicles	\$1,560	\$0	\$0	\$0	\$0
SGVCOG Dues	\$12,500	\$0	\$0	\$0	\$0
Transportation Demand Management	\$71,840	\$0	\$0	\$0	\$0
El Segundo					
Two Hybrid vehicles	\$53,528	\$0	\$0	\$0	\$0
Fontana					
Cherry Valley - Arrow Wireless	\$60,647	\$0	\$0	\$0	\$0
Rideshare Program	\$10,725	\$0	\$0	\$0	\$0
Fountain Valley					
Traffic Improvement Project 029 (TI 029)	\$42,000	\$0	\$0	\$0	\$158,000
Fullerton					
Employee Rideshare Program (Rule 2202 Implementation)	\$18,174	\$0	\$0	\$0	\$0
General Plan Update	\$24,945	\$0	\$0	\$0	\$0
Lease of 3 Alternative Fuel Vehicles	\$13,846	\$0	\$0	\$0	\$0
Permits & Telecommunications Project	\$150,500	\$0	\$0	\$0	\$0
Regional Transportation Management	\$3,598	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Garden Grove					
Employee Commute Reduction Program	\$202,222	\$0	\$0	\$0	\$0
Gardena					
Air Quality Investment Program	\$1,192	\$0	\$0	\$0	\$0
Gardena Employee Rideshare	\$41,300	\$0	\$0	\$0	\$0
Glendale					
Employee Trip Reduction Program	\$310,000	\$0	\$0	\$0	\$0
Glendora					
ALTCOM--Rideshare Program	\$15,401	\$0	\$0	\$0	\$0
Metrolink Connection Shuttle Services	\$11,893	\$0	\$0	\$0	\$0
Purchase of one hybrid Toyota Prius	\$25,668	\$0	\$0	\$0	\$0
SGVCOG Membership Dues	\$7,854	\$0	\$0	\$0	\$0
Grand Terrace					
CNG Single Fueling Station - Line Installation	\$2,349	\$0	\$0	\$0	\$0
Electric Vehicle Fuel Station Infrastructure	\$337	\$0	\$0	\$0	\$0
Hawaiian Gardens					
	\$0	\$0	\$0	\$0	\$0
Hawthorne					
Alternative Fuel Infrastructure	\$3,800	\$0	\$0	\$0	\$0
Rideshare Program	\$2,830	\$0	\$0	\$0	\$0
Street Sweeper Program	\$150,000	\$0	\$0	\$0	\$0
Hemet					
Membership dues-Clean Cities Coalition	\$8,500	\$0	\$0	\$0	\$0
Hermosa Beach					
2 Ford Escape Hybrids for Police Department	\$61,523	\$0	\$0	\$0	\$0
AQMD Incentives to reduce auto trips	\$310	\$0	\$0	\$0	\$0
Hidden Hills					
	\$0	\$0	\$0	\$0	\$0
Highland					
Signal Synchronization	\$2,260	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Huntington Beach					
Employee Alternative Commute Rideshare Program	\$42,017	\$0	\$0	\$0	\$0
Particulate filter on beach maintenance diesel loader	\$24,673	\$0	\$0	\$0	\$0
Particulate filters for 3 beach maintenance diesel tractors	\$63,262	\$0	\$0	\$0	\$0
Shuttle Service Operation	\$56,770	\$0	\$0	\$0	\$67,700
Traffic Signals	\$1,336	\$0	\$0	\$0	\$0
Transportation Management Feasibility Study	\$17,355	\$0	\$0	\$0	\$0
Huntington Park					
SB375 Sustainable Community Strategy	\$2,500	\$0	\$0	\$0	\$0
Indian Wells					
PM 10 Reduction	\$2,571	\$0	\$0	\$0	\$0
Purchase of one CNG Ford Crown Vic for use by City personnel	\$3,150	\$0	\$0	\$0	\$0
Indio					
PM 10 Reduction Strategies	\$41,667	\$0	\$0	\$0	\$0
Inglewood					
Street Patrol Electric Vehicles	\$71,550	\$0	\$0	\$0	\$0
Irvine					
Conversion of 2 vehicles to CNG	\$31,200	\$0	\$0	\$0	\$0
Irvine Transportation Center Parking Structure	\$199,665	\$0	\$0	\$0	\$0
Rule 2202 Compliance	\$4,505	\$0	\$0	\$0	\$0
Video Conferencing	\$35,000	\$0	\$0	\$0	\$0
Irwindale					
SGVCOG Contributions	\$1,700	\$0	\$0	\$0	\$0
La Canada Flintridge					
Link and Gateway Project	\$180	\$0	\$0	\$0	\$0
San Gabriel Valley COG Membership	\$3,600	\$0	\$0	\$0	\$0
La Habra					
Shuttle Program	\$73,130	\$0	\$0	\$0	\$69,326
La Habra Heights					
Purchase of one (1) 2009 Ford Escape Hybrid	\$30,400	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
La Mirada					
Interstate 5 Capacity Enhancement Innovation Project	\$55,600	\$0	\$0	\$0	\$0
SB375 Program Assessment	\$5,000	\$0	\$0	\$0	\$0
La Palma					
Electric Utility Cart for Parks & Recreation's Fields	\$10,780	\$0	\$0	\$0	\$0
La Puente					
Rideshare Information	\$5,400	\$0	\$0	\$0	\$0
SGVCOG Dues & Membership	\$6,830	\$0	\$0	\$0	\$0
La Quinta					
Regional PM10 Street Sweeping Program	\$27,711	\$0	\$0	\$0	\$0
La Verne					
Bike To Work Week Incentive	\$60	\$0	\$0	\$0	\$0
Bike, Carpool, Walk Incentive Program	\$12,229	\$0	\$0	\$0	\$0
Network Fleet GPS Units/Remote Vehicle Diagnostic computer	\$11,925	\$11,925	\$0	\$0	\$0
Two (2) Ford F-250 CNG vehicles	\$39,719	\$0	\$0	\$0	\$0
Laguna Beach					
Free Main Line Service during the Summer	\$8,618	\$0	\$0	\$0	\$0
Free Ride to Work Bus Pass Program	\$12,075	\$0	\$0	\$0	\$0
Promotion of Free Ride Programs	\$1,700	\$0	\$0	\$0	\$0
Laguna Hills					
Alicia Parkway and La Paz Road Signal Interconnect	\$62,799	\$0	\$0	\$0	\$0
Laguna Niguel					
Laguna Niguel/Mission Viejo Metrolink Station	\$51,311	\$0	\$0	\$0	\$0
Traffic Signal Synchronization	\$43,781	\$0	\$0	\$0	\$0
Laguna Woods					
	\$0	\$0	\$0	\$0	\$0
Lake Elsinore					
Hybrid Vehicles	\$98,290	\$0	\$0	\$0	\$0
Traffic Synchronization	\$6,669	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Lake Forest					
Alternative Vehicle Purchase	\$37,554	\$0	\$0	\$0	\$0
Lakewood					
91/605 COG Corridor Study	\$9,660	\$0	\$0	\$0	\$0
Corridor Study / SB375	\$14,918	\$0	\$0	\$0	\$0
Major Corridor Study - 91/605	\$30,544	\$0	\$0	\$0	\$0
Truck-impacted intersection project	\$4,718	\$0	\$0	\$0	\$0
Lawndale					
	\$0	\$0	\$0	\$0	\$0
Loma Linda					
Signal Coordination	\$6,965	\$0	\$0	\$0	\$0
Lomita					
CNG Street Sweeping Services	\$66,185	\$0	\$0	\$0	\$0
Lomita Bicycle Patrol	\$3,000	\$0	\$0	\$0	\$0
Long Beach					
Bike Parking	\$83,230	\$0	\$0	\$0	\$0
Bike Sharing Project	\$17,650	\$0	\$0	\$0	\$0
Metro Blue Line & Pedestrian Access Plan	\$81	\$0	\$0	\$0	\$0
Pedestrian/Bike Signal & Related	\$11,710	\$0	\$0	\$0	\$0
Rule 2202 Compliance	\$1,241	\$0	\$0	\$0	\$0
SB375 COG Study	\$16,000	\$0	\$0	\$0	\$0
Vista Bike Boulevard	\$10,258	\$0	\$0	\$0	\$0
Los Alamitos					
	\$0	\$0	\$0	\$0	\$0
Los Angeles (City)					
Alternative Fuel and Electric Vehicle Infrastructure	\$287,432	\$0	\$0	\$0	\$0
Alternative Fuel Vehicle Demonstration Support	\$124,664	\$0	\$0	\$0	\$0
Alternative Fuel Vehicle Purchase #1 & Support	\$933,228	\$0	\$0	\$0	\$24,076,886
Alternative Fuel Vehicle Purchase #2 & Support	\$3,870	\$470,000	\$0	\$0	\$11,789,992
Alternative Fuel Vehicle Training and Support	\$79,226	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Los Angeles (City) cont'd					
ATSAC Control Center	\$778,943	\$0	\$0	\$0	\$3,735,421
Bicycle Purchases & Support	\$111,344	\$0	\$0	\$0	\$0
Cleaner Diesel On-Road Vehicle, Engines and Support	\$143,799	\$0	\$0	\$0	\$0
Climate Action Plan	\$233,075	\$0	\$0	\$0	\$0
Commuter Services	\$5,398	\$0	\$0	\$0	\$44,166
Commuter Services	\$233,449	\$0	\$0	\$0	\$1,910,160
Commuter Services	\$248,798	\$0	\$0	\$0	\$24,617
Commuter Services Office (Vanpool)	\$850,318	\$0	\$0	\$0	\$218,816
Land Use, Development, and Other Strategies to Improve AQ	\$269,778	\$0	\$0	\$0	\$0
Off-Road Vehicle Purchase #1 (2 loaders)	\$175,406	\$0	\$0	\$353,678	\$555,344
Off-Road Vehicle Purchase #2 (dozer)	\$56,797	\$0	\$0	\$399,034	\$214,103
Plans to Improve Air Quality	\$188,689	\$0	\$0	\$0	\$0
PM Standards & Control Measures Development	\$92,594	\$0	\$0	\$0	\$0
Public Outreach & Education Long Term	\$64,372	\$0	\$0	\$0	\$0
Public Outreach & Education Short Term	\$80,807	\$0	\$0	\$0	\$0
Regional Transportation Planning to Improve Air Quality	\$223,662	\$0	\$0	\$0	\$0
Urban Heat Island Projects & Development	\$11,507	\$0	\$0	\$0	\$0
Zero Emission Vehicle Demonstration Leases & Support	\$5,000	\$0	\$0	\$0	\$0
Lynwood					
Fixed Trolley Route	\$44,308	\$0	\$0	\$0	\$0
Malibu					
CNG Fueling Station	\$13,287	\$0	\$0	\$0	\$0
Manhattan Beach					
Purchase of Hybrid Vehicle	\$6,300	\$0	\$0	\$0	\$36,909
Maywood					
Alternative Fuel Purchase	\$34,331	\$0	\$0	\$0	\$0
Menifee					
	\$0	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Mission Viejo					
City of Mission Viejo AQ Planning/Implementation: FY08-09	\$18,525	\$0	\$0	\$0	\$0
City of Mission Viejo Traffic Signal Coordination: FY08-09	\$117,308	\$0	\$0	\$0	\$0
Monrovia					
Clean Air Program	\$9,846	\$0	\$0	\$0	\$0
Discount Bus Passes	\$8,838	\$0	\$0	\$0	\$0
San Gabriel Valley COG (SGVCOG)	\$4,334	\$0	\$0	\$0	\$0
Montclair					
Rideshare Program	\$12,454	\$0	\$0	\$0	\$0
Montebello					
	\$0	\$0	\$0	\$0	\$0
Monterey Park					
CNG Fueling System	\$2,348	\$0	\$0	\$0	\$0
Employee Transportation Program	\$39,630	\$0	\$0	\$0	\$0
Moreno Valley					
Krameria Avenue / Vista Conejo Traffic Signal Improvements	\$249,397	\$0	\$0	\$0	\$0
RTA Go-Pass Bus Fare Subsidies Program	\$28,075	\$0	\$0	\$0	\$0
Street Sweeping Program - PM10 and PM2.5 Reduction	\$87,922	\$0	\$0	\$0	\$0
Traffic Signal Coordination Program	\$106,154	\$0	\$0	\$0	\$0
WRCOG - Clean Cities Coalition	\$15,000	\$0	\$0	\$0	\$0
Murrieta					
Traffic Light Synchronization Program	\$51,550	\$0	\$0	\$0	\$0
Newport Beach					
Employee Rideshare Program	\$16,705	\$0	\$0	\$0	\$0
Norco					
Fuel	\$526	\$0	\$0	\$0	\$0
Western Riverside COG DUES	\$6,000	\$0	\$0	\$0	\$0
Norwalk					
I-5 Consortium Cities Guideline Development	\$12,829	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Ontario					
CNG Infrastructure Improvements	\$166,957	\$0	\$0	\$0	\$0
Rideshare	\$20,032	\$0	\$0	\$0	\$0
Orange (City)					
Community Services Electric Vehicle Initiative	\$29,638	\$0	\$0	\$0	\$0
Orange Police Bike Team (Community Policing)	\$4,512	\$0	\$0	\$0	\$0
Trip Reduction Program	\$140,573	\$0	\$0	\$0	\$0
Palm Desert					
CVAG Regional PM10 Street Sweeping Program	\$33,445	\$0	\$0	\$0	\$0
Rideshare Program	\$6,102	\$0	\$0	\$0	\$0
Palm Springs					
Rideshare Activities	\$54,732	\$0	\$0	\$0	\$0
Palos Verdes Estates					
	\$0	\$0	\$0	\$0	\$0
Paramount					
Purchase of 4 Hybrid Vehicles	\$225,423	\$0	\$0	\$0	\$0
SB375 Sustainable Community Strategy	\$5,000	\$0	\$0	\$0	\$0
Transportation planning	\$6,445	\$0	\$0	\$0	\$0
Pasadena					
Pasadena ARTS - Route 10 Bus Service	\$7,080	\$0	\$0	\$0	\$849,870
Prideshare	\$172,534	\$0	\$0	\$0	\$255,818
Perris					
RTA U Pass Program	\$7,350	\$0	\$0	\$0	\$0
Pico Rivera					
Gateway Cities - SB 375 Study	\$5,000	\$0	\$0	\$0	\$0
Traffic Control Measures	\$70,596	\$0	\$0	\$0	\$0
Placentia					
Commercial Code Enforcement Vehicle	\$43,999	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Pomona					
Construction of a new CNG Fueling Station	\$33,603	\$0	\$0	\$0	\$0
On Road Motor Vehicle Mitigation Options	\$487	\$0	\$0	\$0	\$0
On Road Motor Vehicle Mitigation Options	\$4,150	\$0	\$0	\$0	\$0
Particulate matter reduction devises (DMPRD)	\$107,923	\$0	\$0	\$0	\$0
San Gabriel Valley Council of Government dues	\$13,500	\$0	\$0	\$0	\$0
Rancho Cucamonga					
2008 Ford Escape	\$31,532	\$0	\$0	\$0	\$0
2008 Saturn Vue	\$28,498	\$0	\$0	\$0	\$0
3 CNG Street Sweepers Purchase	\$75,000	\$75,000	\$0	\$0	\$0
Alternative Fuel Infrastructure	\$187,079	\$187,079	\$0	\$0	\$0
Diesel Fleet Retrofit Project	\$44,691	\$0	\$0	\$0	\$0
Ride Share Program	\$48,205	\$0	\$0	\$0	\$0
Rancho Mirage					
CVAG Regional PM10 Street Sweeping Program	\$8,856	\$0	\$0	\$0	\$0
Rancho Palos Verdes					
PV Transit (Palos Verdes Peninsula Transit Authority	\$50,000	\$0	\$0	\$0	\$0
Rancho Santa Margarita					
Public Transportation Infrastructure	\$119,866	\$0	\$0	\$0	\$461,718
Redlands					
Purchase Transit Bus	\$79,999	\$0	\$0	\$0	\$0
Redondo Beach					
CNG Bus Purchase	\$50,699	\$50,699	\$0	\$0	\$324,644
Employee Rideshare	\$46,003	\$0	\$0	\$0	\$0
Rialto					
Employer Based Trip Reduction (6) (6a)	\$98,092	\$0	\$0	\$0	\$0
Purchase of Hybrid Vehicle	\$149,963	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Riverside (City)					
Central Printing Charges	\$428	\$0	\$0	\$0	\$0
City Alternative Fuel Vehicle Rebate Program	\$2,000	\$0	\$0	\$0	\$0
City of Riverside Employee City Pass	\$9,750	\$0	\$0	\$0	\$0
PM10 Paving Projects	\$109,924	\$0	\$0	\$0	\$0
RCCD Go Pass Program	\$75,000	\$0	\$0	\$0	\$0
Rule 2202 On-Road Motor Vehicle Mitigation Compliance	\$31,226	\$0	\$0	\$0	\$0
Traffic timing and Coordination / Traffic Mgmt Center	\$30,122	\$0	\$0	\$0	\$0
WRCOG Clean Cities Coalition	\$25,000	\$0	\$0	\$0	\$0
Rolling Hills Estates					
Palos Verdes Dr N Bike Lane Project	\$162,142	\$0	\$0	\$0	\$2,800,000
Rosemead					
Membership Fees (SGVCOG)	\$9,000	\$0	\$0	\$0	\$0
San Bernardino (City)					
Alternative Fuel Vehicle Maintenance	\$60,000	\$0	\$0	\$0	\$0
Employee Rideshare Program	\$99,307	\$0	\$0	\$0	\$5,200
Misc Traffic Engineering	\$80,000	\$0	\$0	\$0	\$0
San Clemente					
Traffic calming radar signals	\$96,627	\$0	\$0	\$0	\$0
San Dimas					
Purchase Electric Vehicle	\$15,612	\$0	\$0	\$0	\$0
San Fernando					
	\$0	\$0	\$0	\$0	\$0
San Gabriel					
Hybrid Purchases	\$95,178	\$0	\$0	\$0	\$0
SGVCOG Membership dues	\$4,567	\$0	\$0	\$0	\$0
San Jacinto					
Cleanaire System	\$14,299	\$0	\$0	\$0	\$0
Malibu Purchase	\$23,545	\$0	\$0	\$0	\$0
Propane Tank Installation	\$10,000	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
San Juan Capistrano					
Hybrid Vehicle Purchase	\$31,913	\$0	\$0	\$0	\$0
Hybrid Vehicle Purchase - Prius	\$24,109	\$0	\$0	\$0	\$0
San Marino					
Bicycle Lockers & Racks	\$7,745	\$0	\$0	\$0	\$0
Bicycle Purchases for Police Patrol	\$1,335	\$0	\$0	\$0	\$0
Diesel Exhaust Removal System Installed	\$9,374	\$0	\$0	\$0	\$0
Diesel Exhaust Removal System Installed	\$9,374	\$0	\$0	\$0	\$0
Purchase of Hybrid Vehicles for Police Department	\$55,000	\$0	\$0	\$0	\$0
SGV Council of Governments Dues	\$2,026	\$0	\$0	\$0	\$0
Santa Ana					
Bicycle Support Facilities	\$3,800	\$0	\$0	\$0	\$0
Mixed Use Transit Corridors	\$10,200	\$0	\$0	\$0	\$0
Regional Air Quality Coordination	\$43,000	\$0	\$0	\$0	\$0
Santa Ana Employer Based Program	\$241,198	\$0	\$0	\$0	\$0
Santa Ana Renaissance Specific Plan	\$15,000	\$0	\$0	\$0	\$0
Santa Ana Transit Master Plan	\$2,200	\$0	\$0	\$0	\$0
Santa Clarita					
Alternative Fuel Vehicle Purchase	\$929,488	\$0	\$0	\$0	\$0
Passenger Fare Subsidies	\$14,813	\$0	\$0	\$0	\$0
Storm drain Vactor Truck	\$25,000	\$0	\$0	\$0	\$0
Santa Fe Springs					
Norwalk/Santa Fe Springs Transportation Center Shuttle	\$20,085	\$0	\$0	\$0	\$145,912
Santa Monica					
Alt Car Expo	\$10,000	\$0	\$0	\$0	\$0
Pedestals for Electric Chargers	\$6,320	\$0	\$0	\$0	\$0
Seal Beach					
Local Transportation Program	\$26,827	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Sierra Madre					
SGVCOG Annual Dues	\$1,667	\$0	\$0	\$0	\$0
Two Replacement CNG-fueled Transit Buses	\$28,729	\$0	\$0	\$0	\$140,264
Signal Hill					
Gateway Cities Trans Assessment	\$2,988	\$0	\$0	\$0	\$0
South El Monte					
Bus Pass Program	\$11,680	\$0	\$0	\$0	\$0
SGVCOG Dues	\$3,500	\$0	\$0	\$0	\$0
South Gate					
Air Quality Planning and Development	\$12,000	\$0	\$0	\$0	\$0
Employer Rideshare Program	\$5,563	\$0	\$0	\$0	\$0
Propane Fuel Infrastructure (refueling etc.)	\$13,573	\$0	\$0	\$0	\$0
Vehicle Modification to Reduce Emissions	\$75,372	\$0	\$0	\$0	\$0
South Pasadena					
2008 GMC TC 6500 Dump Truck w/ CNG conversion	\$55,579	\$25,000	\$0	\$0	\$0
Rideshare Program for City Employees	\$4,871	\$0	\$0	\$0	\$0
SGV COG dues	\$3,090	\$0	\$0	\$0	\$0
Shuttle Conversion CNG	\$15,142	\$25,000	\$0	\$0	\$47,250
Stanton					
CNG Vehicle Fuel	\$31,825	\$0	\$0	\$0	\$0
Purchase of Hybrid Vehicle	\$33,883	\$0	\$0	\$0	\$0
Van Transportation	\$3,700	\$0	\$0	\$0	\$0
Temecula					
Alternative Fueling Station	\$150,000	\$0	\$0	\$0	\$0
Temecula Park and Ride	\$54,145	\$0	\$0	\$0	\$0
WRCOG- Clean Cities Coalition Air Quality	\$10,000	\$0	\$0	\$0	\$0
Temple City					
Purchase Hybrid Vehicles (3)	\$96,328	\$0	\$0	\$0	\$0
Torrance					
Employee Trip Reduction Program	\$182,914	\$0	\$0	\$0	\$0

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
Tustin					
	\$0	\$0	\$0	\$0	\$0
Upland					
Light Duty Alternative Fuel Vehicles	\$102,329	\$0	\$0	\$0	\$0
Rides Share	\$33,968	\$0	\$0	\$0	\$0
Street Sweeping	\$18,785	\$0	\$0	\$0	\$0
Villa Park					
NGV Pump Station	\$10,600	\$0	\$0	\$0	\$0
Walnut					
CNG Fueling Station	\$12,851	\$0	\$0	\$0	\$0
San Gabriel Valley COG Air Quality Program	\$5,060	\$0	\$0	\$0	\$0
Solar Car Project	\$3,600	\$0	\$0	\$0	\$0
West Covina					
Air Quality Investment Program (AQIP)	\$8,212	\$0	\$0	\$0	\$0
Alternative Fuel Vehicle Purchase (2)	\$49,892	\$0	\$0	\$0	\$0
CNG Fuel Calibration Certification	\$991	\$0	\$0	\$0	\$0
Electric Vehicle Charging Station	\$816	\$0	\$0	\$0	\$0
Employee Rideshare Program	\$39,779	\$0	\$0	\$0	\$0
West Hollywood					
Employee Trip Reduction	\$8,480	\$0	\$0	\$0	\$0
Westlake Village					
CNG (1) and Hybrid Vehicles (3)	\$53,884	\$0	\$0	\$0	\$0
Westminster					
Rideshare Program	\$30,122	\$0	\$0	\$0	\$0
Vanpool Program	\$81,601	\$0	\$0	\$0	\$0
Whittier					
Air Quality Investment Program	\$4,817	\$0	\$0	\$0	\$0
Employee Rideshare	\$10,251	\$0	\$0	\$0	\$0
Gateway Cities COG dues	\$11,497	\$0	\$0	\$0	\$0
Greenway Bicycle Trail	\$36,697	\$0	\$0	\$0	\$0

Percent of Project Expenditures by Project Category

Fiscal Year 2008-2009

Project Category	Project Expenditures	Percent of Total Project Expenditures	Number of Projects
(6) Transportation Demand Management	\$6,560,322	33%	79
(1) Alternative Fuels/Electric Vehicles	\$5,920,676	30%	88
(5) Traffic Management	\$2,088,231	11%	28
(4) Public Transportation (Transit & Rail)	\$1,802,825	9%	37
(3) Land Use	\$1,024,623	5%	32
(9) PM10 Reduction Strategies	\$749,797	4%	15
(2) Vehicle Emissions Abatement	\$738,981	4%	14
(8) Bicycles	\$506,032	3%	20
(11) Miscellaneous Projects	\$305,295	2%	35
(10) Public Education	\$183,980	1%	8
	\$19,880,762	100%	356

Average Cost-Effectiveness by Project

Fiscal Year 2008-2009

Project Category	Project Name	MVFee	Air Funds* Amortized	Emission Reductions ROG+NO _x +PM2.5+CO/7 (\$/lb)	Cost- Effectiveness (\$/lb)
(1) Alternative Fuels/Electric Vehicles					
(1a) Alternative Fuel Vehicle Purchases					
<i>Redondo Beach</i>	CNG Bus Purchase	\$50,699	\$10,187	837	\$12.18
<i>Lomita</i>	CNG Street Sweeping Services	\$66,185	\$68,171	751	\$90.77
<i>Los Angeles (City)</i>	Alternative Fuel Vehicle Purchase #1 & Support	\$933,228	\$109,403	25,192	\$4.34
<i>Rancho Cucamonga</i>	2008 Saturn Vue	\$28,498	\$4,060	34	\$120.58
<i>Fullerton</i>	Lease of 3 Alternative Fuel Vehicles	\$13,846	\$1,972	16	\$121.48
<i>Rancho Cucamonga</i>	2008 Ford Escape	\$31,532	\$4,492	34	\$133.42
<i>Culver City</i>	Six CNG Refuse Trucks	\$90,000	\$33,059	1,313	\$25.18
<i>Yorba Linda</i>	Vehicle replacement program	\$69,787	\$7,542	51	\$147.59
<i>El Monte</i>	Alternate Fuel Vehicle Purchase	\$25,394	\$2,551	17	\$148.49
<i>Desert Hot Springs</i>	Purchase Hybrid Vehicle for Public Works	\$37,269	\$5,309	31	\$169.23
<i>West Covina</i>	Alternative Fuel Vehicle Purchase (2)	\$49,892	\$5,012	28	\$178.97
<i>San Juan Capistrano</i>	Hybrid Vehicle Purchase - Prius	\$24,109	\$2,826	14	\$205.63
<i>San Jacinto</i>	Malibu Purchase	\$23,545	\$3,354	14	\$236.09
<i>Coachella</i>	Purchase Hybrid Vehicle	\$31,579	\$3,702	15	\$242.94
<i>Indian Wells</i>	Purchase of one CNG Ford Crown Vic for use by City	\$3,150	\$449	2	\$251.36
<i>Los Angeles (City)</i>	Alternative Fuel Vehicle Purchase #2 & Support	\$3,870	\$47,606	4,740	\$10.04
<i>San Juan Capistrano</i>	Hybrid Vehicle Purchase	\$31,913	\$3,741	14	\$272.19
<i>Upland</i>	Light Duty Alternative Fuel Vehicles	\$102,329	\$14,577	51	\$284.81
<i>Baldwin Park</i>	Alternative Fuel Vehicle Purchase	\$83,705	\$9,813	34	\$285.58
<i>Redlands</i>	Purchase Transit Bus	\$79,999	\$11,396	40	\$288.51
<i>Corona</i>	Vanpool Vans Replacement with Honda GX-CNG	\$134,448	\$19,153	62	\$307.00
<i>Arcadia</i>	Purchase One Full Hybrid Vehicle	\$28,000	\$3,282	9	\$373.23
<i>Calabasas</i>	Super Ultra Low Emission Vehicle Fleet Acquisition	\$13,299	\$4,702	12	\$384.53
<i>Glendora</i>	Purchase of one hybrid Toyota Prius	\$25,668	\$3,657	9	\$399.06
<i>San Gabriel</i>	Hybrid Purchases	\$95,178	\$13,559	28	\$479.47
<i>Lake Forest</i>	Alternative Vehicle Purchase	\$37,554	\$4,402	9	\$480.46

Project Category	Project Name	MVFee	Air Funds* Amortized	Emission	Cost- Effectiveness (\$/lb)
				Reductions ROG+NOx+PM2.5+CO/7 (\$/lb)	
<i>Hermosa Beach</i>	2 Ford Escape Hybrids for Police Department	\$61,523	\$7,212	14	\$512.83
<i>La Habra Heights</i>	Purchase of one (1) 2009 Ford Escape Hybrid	\$30,400	\$4,331	8	\$540.14
<i>Placentia</i>	Commercial Code Enforcement Vehicle	\$43,999	\$4,420	8	\$544.48
<i>San Marino</i>	Purchase of Hybrid Vehicles for Police Department	\$55,000	\$12,010	20	\$611.93
<i>Stanton</i>	Purchase of Hybrid Vehicle	\$33,883	\$3,972	6	\$619.29
<i>Agoura Hills</i>	Public Works Hybrid Vehicle	\$31,745	\$4,522	7	\$677.92
<i>Paramount</i>	Purchase of 4 Hybrid Vehicles	\$225,423	\$26,426	35	\$756.47
<i>El Segundo</i>	Two Hybrid vehicles	\$53,528	\$6,275	7	\$927.01
<i>Lake Elsinore</i>	Hybrid Vehicles	\$98,290	\$11,523	11	\$1,064.50
<i>Temple City</i>	Purchase Hybrid Vehicles (3)	\$96,328	\$13,723	10	\$1,415.92
<i>Manhattan Beach</i>	Purchase of Hybrid Vehicle	\$6,300	\$739	3	\$278.14
<i>Culver City</i>	One CNG Heavy-duty Dump Truck	\$25,000	\$5,862	9	\$673.46
<i>Sierra Madre</i>	Two Replacement CNG-fueled Transit Buses	\$28,729	\$3,368	8	\$429.41
<i>Rialto</i>	Purchase of Hybrid Vehicle	\$149,963	\$17,580	6	\$2,913.61
<i>La Verne</i>	Two (2) Ford F-250 CNG vehicles	\$39,719	\$3,990	1	\$7,160.37
<i>Culver City</i>	Two CNG Pick-up Trucks	\$29,804	\$3,494	4	\$861.71
Subcategory Totals and Average cost-effectiveness**: Subcategory Summary		\$3,124,311	\$527,424	33,513	\$15.74
(1b) Alternative Fuel Vehicle Conversions					
<i>South Pasadena</i>	Shuttle Conversion CNG	\$15,142	\$4,706	63	\$74.95
<i>Irvine</i>	Conversion of 2 vehicles to CNG	\$31,200	\$4,445	11	\$398.17
<i>South Pasadena</i>	2008 GMC TC 6500 Dump Truck w/ CNG conversion	\$55,579	\$9,446	6	\$1,500.56
Subcategory Totals and Average cost-effectiveness**: Subcategory Summary		\$101,921	\$18,597	80	\$231.75
(1c) Alternative Fuel Infrastructure (refueling, etc.)					
<i>Temecula</i>	Alternative Fueling Station	\$150,000	\$10,082	3,277	\$3.08
<i>County of Riverside</i>	Construction of an LCNNG fueling station	\$30,000	\$30,900	3,290	\$9.39
<i>San Jacinto</i>	Propane Tank Installation	\$10,000	\$1,005	40	\$25.12
Subcategory Totals and Average cost-effectiveness**: Subcategory Summary		\$190,000	\$41,987	6,606	\$6.36

Project Category	Project Name	MVFee	Air Funds* Amortized	Emission Reductions ROG+NOx+PM2.5+CO/7 (\$/lb)	Cost- Effectiveness (\$/lb)
(1d) Electric Vehicle Purchases					
<i>La Palma</i>	Electric Utility Cart for Parks & Recreation's Fields	\$10,780	\$1,730	474	\$3.65
<i>Orange (City)</i>	Community Services Electric Vehicle Initiative	\$29,638	\$2,977	45	\$65.52
<i>Los Angeles (City)</i>	Zero Emission Vehicle Demonstration Leases & Support	\$5,000	\$5,150	23	\$222.09
<i>Inglewood</i>	Street Patrol Electric Vehicles	\$71,550	\$8,388	9	\$933.70
Subcategory Totals and Average cost-effectiveness**:		\$116,968	\$18,246	551	\$33.09
Category Summary		\$3,533,200	\$606,254	40,751	\$14.88
(2) Vehicle Emissions Abatement					
(2a) Off Road Veh Cleaner Diesel Purchases, Repowers, & Retrofits					
<i>Los Angeles (City)</i>	Off-Road Vehicle Purchase #2 (dozer)	\$56,797	\$53,437	1,262	\$42.35
<i>Los Angeles (City)</i>	Off-Road Vehicle Purchase #1 (2 loaders)	\$175,406	\$115,528	3,258	\$35.46
<i>Huntington Beach</i>	Particulate filter on beach maintenance diesel loader	\$24,673	\$2,892	20	\$141.28
<i>Huntington Beach</i>	Particulate filters for 3 beach maintenance diesel tractors	\$63,262	\$7,416	6	\$1,204.21
Subcategory Totals and Average cost-effectiveness**:		\$320,138	\$179,274	4,546	\$39.43
(2c) Old Vehicle Scrappage					
<i>Long Beach</i>	Rule 2202 Compliance	\$1,241	\$439	13,860	\$0.03
Subcategory Totals and Average cost-effectiveness**:		\$1,241	\$439	13,860	\$0.03
(2d) On-road CARB-verified Diesel Emission Control Systems--VDECS					
<i>Arcadia</i>	Installation of Diesel Particulate Matter Filter	\$15,179	\$1,779	146	\$12.19
<i>San Marino</i>	Diesel Exhaust Removal System Installed	\$9,374	\$1,099	75	\$14.69
<i>San Jacinto</i>	Cleanaire System	\$14,299	\$1,676	64	\$26.38
<i>Arcadia</i>	Installation of Diesel Particulate Matter Filters	\$30,357	\$3,559	88	\$40.54
<i>San Marino</i>	Diesel Exhaust Removal System Installed	\$9,374	\$1,335	1	\$1,008.01
Subcategory Totals and Average cost-effectiveness**:		\$78,583	\$9,449	373	\$25.30
Category Summary		\$399,962	\$189,161	18,780	\$10.07
(4) Public Transportation (Transit & Rail)					
(4a) Public Transportation Facilities (multi-modal, shelters)					
<i>Rancho Santa Margarita</i>	Public Transportation Infrastructure	\$119,866	\$8,057	605	\$13.31
Subcategory Totals and Average cost-effectiveness**:		\$119,866	\$8,057	605	\$13.31

Project Category	Project Name	MVFee	Air Funds* Amortized	Emission Reductions ROG+NOx+PM2.5+CO/7 (\$/lb)	Cost- Effectiveness (\$/lb)
(4c) Transit Operations (new service, shuttles, fuel subsidies)					
<i>Stanton</i>	Van Transportation	\$3,700	\$434	528	\$0.82
<i>Glendora</i>	Metrolink Connection Shuttle Services	\$11,893	\$12,250	7,841	\$1.56
<i>Duarte</i>	Shuttle Service	\$764	\$787	210	\$3.75
<i>Rancho Palos Verdes</i>	PV Transit (Palos Verdes Peninsula Transit Authority)	\$50,000	\$51,500	1,071	\$48.07
<i>Anaheim</i>	Rail Feeder Pool Vehicles	\$4,449	\$4,582	102	\$45.06
<i>Anaheim</i>	Canyon Downtown Program	\$39,611	\$40,799	1,007	\$40.51
<i>Santa Fe Springs</i>	Norwalk/Santa Fe Springs Transportation Center Shuttle	\$20,085	\$20,688	903	\$22.91
<i>Seal Beach</i>	Local Transportation Program	\$26,827	\$27,632	114	\$242.00
<i>Brea</i>	Brea Transportation Program	\$46,752	\$48,155	176	\$273.64
<i>Huntington Beach</i>	Shuttle Service Operation	\$56,770	\$58,473	141	\$413.57
<i>La Habra</i>	Shuttle Program	\$73,130	\$75,324	101	\$742.55
Subcategory Totals and Average cost-effectiveness**:		\$333,981	\$340,623	12,195	\$27.93
(4d) Passenger Fare Subsidies					
<i>Perris</i>	RTA U Pass Program	\$7,350	\$7,570	232,934	\$0.03
<i>Lynwood</i>	Fixed Trolley Route	\$44,308	\$9,675	9,198	\$1.05
<i>Monrovia</i>	Discount Bus Passes	\$8,838	\$9,103	7,309	\$1.25
<i>County of Riverside</i>	Riverside Community College Go-Pass Program	\$4,000	\$4,120	617	\$6.68
<i>Moreno Valley</i>	RTA Go-Pass Bus Fare Subsidies Program	\$28,075	\$28,917	2,791	\$10.36
<i>Riverside (City)</i>	City of Riverside Employee City Pass	\$9,750	\$2,129	196	\$10.84
<i>Duarte</i>	Senior Bus Passes	\$12,400	\$12,772	1,081	\$11.81
<i>Compton</i>	Rideshare Program	\$90,715	\$93,436	4,982	\$18.75
<i>Santa Clarita</i>	Passenger Fare Subsidies	\$14,813	\$15,258	744	\$20.52
<i>Covina</i>	Commuter Choice Reimbursement Program	\$4,360	\$4,491	133	\$33.74
<i>Azusa</i>	Metrolink Subsidy Program	\$3,753	\$3,866	164	\$23.62
<i>Laguna Beach</i>	Free Main Line Service during the Summer	\$8,618	\$8,876	185	\$48.03
<i>Laguna Beach</i>	Free Ride to Work Bus Pass Program	\$12,075	\$12,437	258	\$48.13
<i>Anaheim</i>	Metrolink - OCTA	\$167,281	\$172,299	3,538	\$48.70
<i>South El Monte</i>	Bus Pass Program	\$11,680	\$12,030	58	\$205.85
<i>Riverside (City)</i>	RCCD Go Pass Program	\$75,000	\$77,250	208	\$370.78
Subcategory Totals and Average cost-effectiveness**:		\$503,016	\$474,231	264,396	\$1.79
Category Summary		\$956,863	\$822,911	277,196	\$2.97

Project Category	Project Name	MVFee	Air Funds* Amortized	Emission Reductions ROG+NOx+PM2.5+CO/7 (\$/lb)	Cost- Effectiveness (\$/lb)
(5) Traffic Management					
(5b) Traffic Flow or Signalization (timing, surveillance)					
<i>Highland</i>	Signal Synchronization	\$2,260	\$493	5,808	\$0.08
<i>Laguna Niguel</i>	Traffic Signal Synchronization	\$43,781	\$5,132	34,100	\$0.15
<i>Loma Linda</i>	Signal Coordination	\$6,965	\$1,521	4,908	\$0.31
<i>Murrieta</i>	Traffic Light Synchronization Program	\$51,550	\$11,256	25,161	\$0.45
<i>Los Angeles (City)</i>	ATSAC Control Center	\$778,943	\$802,311	6,579,286	\$0.12
<i>Costa Mesa</i>	Costa Mesa & Santa Ana Signal Coordination Project	\$31,565	\$6,892	1,910	\$3.61
<i>Costa Mesa</i>	Harbor Blvd./Gisler Ave. Intersection Improvements	\$2,752	\$1,438	219	\$6.56
<i>Fontana</i>	Cherry Valley - Arrow Wireless	\$60,647	\$13,243	1,306	\$10.14
<i>Pico Rivera</i>	Traffic Control Measures	\$70,596	\$72,714	4,873	\$14.92
<i>Fountain Valley</i>	Traffic Improvement Project 029 (TI 029)	\$42,000	\$9,171	2,248	\$4.08
<i>Laguna Hills</i>	Alicia Parkway and La Paz Road Signal Interconnect	\$62,799	\$64,683	2,267	\$28.54
<i>Costa Mesa</i>	Fairview Rd./Adams Ave. Intersection Improvements	\$6,299	\$1,375	27	\$51.79
<i>Moreno Valley</i>	Traffic Signal Coordination Program	\$106,154	\$23,179	346	\$66.97
<i>Moreno Valley</i>	Krameria Avenue / Vista Conejo Traffic Signal	\$249,397	\$16,763	168	\$99.83
Subcategory Totals and Average cost-effectiveness**:		\$1,515,708	\$1,030,173	6,662,627	\$0.15
Category Summary		\$1,515,708	\$1,030,173	6,662,627	\$0.15
(6) Transportation Demand Management					
(6a) Employer-Based Trip Reduction					
<i>Gardena</i>	Air Quality Investment Program	\$1,192	\$1,228	2,388	\$0.51
<i>Riverside (City)</i>	Rule 2202 On-Road Motor Vehicle Mitigation Compliance	\$31,226	\$3,137	5,265	\$0.60
<i>County of LA</i>	Trip Reduction Plan Incentive; Countywide (no Civic	\$182,035	\$187,496	305,709	\$0.61
<i>South Pasadena</i>	Rideshare Program for City Employees	\$4,871	\$5,017	3,016	\$1.66
<i>County of Orange</i>	Employee Rideshare Program	\$25,000	\$25,750	27,943	\$0.92
<i>Fullerton</i>	Employee Rideshare Program (Rule 2202 Implementation)	\$18,174	\$18,719	2,671	\$7.01
<i>Hermosa Beach</i>	AQMD Incentives to reduce auto trips	\$310	\$319	44	\$7.20
<i>Costa Mesa</i>	Rule 2202 Implementation	\$11,497	\$11,842	1,572	\$7.53
<i>Newport Beach</i>	Employee Rideshare Program	\$16,705	\$17,206	2,200	\$7.82
<i>Monrovia</i>	Clean Air Program	\$9,846	\$10,141	1,294	\$7.83
<i>South Gate</i>	Employer Rideshare Program	\$5,563	\$5,730	603	\$9.51

Project Category	Project Name	MVFee	Air Funds* Amortized	Emission	Cost- Effectiveness (\$/lb)
				Reductions ROG+NOx+PM2.5+CO/7 (\$/lb)	
Glendora	ALTCOM--Rideshare Program	\$15,401	\$15,863	1,407	\$11.27
County of San Bernardino	Employee Commute Reduction Program	\$204,404	\$210,536	18,362	\$11.47
Anaheim	Trip Reduction Plan	\$70,017	\$72,118	6,929	\$10.41
Ontario	Rideshare	\$20,032	\$20,633	1,693	\$12.19
Rancho Cucamonga	Ride Share Program	\$48,205	\$49,651	3,740	\$13.27
Commerce	Employer Based Trip Reduction	\$15,699	\$16,170	1,146	\$14.10
Whittier	Employee Rideshare	\$10,251	\$10,559	748	\$14.11
Fontana	Rideshare Program	\$10,725	\$11,047	763	\$14.48
Irvine	Rule 2202 Compliance	\$4,505	\$4,640	309	\$15.02
County of LA	Trip Reduction Plan Incentive - Civic Center	\$746,731	\$769,133	51,191	\$15.02
Torrance	Employee Trip Reduction Program	\$182,914	\$188,401	12,138	\$15.52
Covina	Covina Rideshare Program	\$3,850	\$3,965	237	\$16.75
Gardena	Gardena Employee Rideshare	\$41,300	\$42,539	2,388	\$17.82
Bell Gardens	Alternative Transportation Program	\$935	\$963	54	\$17.88
West Hollywood	Employee Trip Reduction	\$8,480	\$8,734	433	\$20.17
Redondo Beach	Employee Rideshare	\$46,003	\$47,383	2,291	\$20.68
Burbank	Burbank Commuter Program	\$95,802	\$98,676	4,707	\$20.96
Pasadena	Prideshare	\$172,534	\$177,710	20,566	\$8.64
Montclair	Rideshare Program	\$12,454	\$12,828	584	\$21.95
Glendale	Employee Trip Reduction Program	\$310,000	\$319,300	14,057	\$22.72
Westminster	Rideshare Program	\$30,122	\$31,026	1,363	\$22.77
Los Angeles (City)	Commuter Services	\$233,449	\$240,452	90,577	\$2.65
Los Angeles (City)	Commuter Services	\$5,398	\$5,560	2,094	\$2.65
Monterey Park	Employee Transportation Program	\$39,630	\$40,819	1,636	\$24.94
Baldwin Park	Employee Transportation Program	\$12,174	\$12,539	491	\$25.53
Los Angeles (City)	Commuter Services	\$248,798	\$256,262	10,870	\$23.57
Orange (City)	Trip Reduction Program	\$140,573	\$144,790	4,464	\$32.44
Cerritos	Employee Rideshare Trip Rebate Program	\$37,310	\$38,429	1,116	\$34.42
Claremont	City Employee Trip Reduction Program	\$4,090	\$4,213	102	\$41.19
Azusa	Employee Rideshare Program	\$21,084	\$21,717	500	\$43.46
Palm Desert	Rideshare Program	\$6,102	\$6,285	127	\$49.48
Palm Springs	Rideshare Activities	\$54,732	\$56,374	1,116	\$50.50

Project Category	Project Name	MVFee	Air Funds* Amortized	Emission	Cost-
				Reductions ROG+NOx+PM2.5+CO/7 (\$/lb)	Effectiveness (\$/lb)
<i>Garden Grove</i>	Employee Commute Reduction Program	\$202,222	\$208,289	3,867	\$53.87
<i>Carson</i>	Breathe - Employee Rideshare Program	\$82,369	\$84,840	1,315	\$64.51
<i>El Monte</i>	Transportation Demand Management	\$71,840	\$73,995	966	\$76.56
<i>Santa Ana</i>	Santa Ana Employer Based Program	\$241,198	\$248,434	3,232	\$76.87
<i>San Bernardino (City)</i>	Employee Rideshare Program	\$99,307	\$102,286	1,315	\$77.79
<i>Rialto</i>	Employer Based Trip Reduction (6) (6a)	\$98,092	\$101,035	1,084	\$93.20
<i>Upland</i>	Rides Share	\$33,968	\$34,987	371	\$94.28
<i>West Covina</i>	Employee Rideshare Program	\$39,779	\$40,972	423	\$96.78
<i>Arcadia</i>	Rideshare Plus Program	\$21,546	\$22,192	210	\$105.48
<i>Huntington Beach</i>	Employee Alternative Commute Rideshare Program	\$42,017	\$43,278	334	\$129.52
<i>Downey</i>	Downey Employees "Thumbs Up" Commuting Program	\$132,057	\$136,019	839	\$162.19
<i>Whittier</i>	Air Quality Investment Program	\$4,817	\$4,962	30	\$165.49
Subcategory Totals and Average cost-effectiveness**: Subcategory Summary		\$4,229,334	\$4,327,188	624,893	\$6.92
(6b) Other Trip Reduction Incentive Programs					
<i>La Verne</i>	Bike, Carpool, Walk Incentive Program	\$12,229	\$12,596	229	\$55.12
<i>La Verne</i>	Bike To Work Week Incentive	\$60	\$62	0	\$532.74
Subcategory Totals and Average cost-effectiveness**: Subcategory Summary		\$12,289	\$12,658	229	\$55.36
(6c) Vanpool Programs					
<i>Cypress</i>	City of Cypress Employee Vanpool	\$568	\$585	96	\$6.10
<i>Anaheim</i>	City Wide Vanpool Program	\$21,992	\$22,652	4,346	\$5.21
<i>Los Angeles (City)</i>	Commuter Services Office (Vanpool)	\$850,318	\$875,828	42,124	\$20.79
<i>Westminster</i>	Vanpool Program	\$81,601	\$84,049	150	\$561.21
<i>Corona</i>	City of Corona Carpool/Vanpool Program (9- vehicles)	\$60,895	\$62,722	39	\$1,612.82
Subcategory Totals and Average cost-effectiveness**: Subcategory Summary		\$1,015,374	\$1,045,835	46,754	\$22.37
(6d) Park and Ride Lots (for carpools, transit)					
<i>Irvine</i>	Irvine Transportation Center Parking Structure	\$199,665	\$13,421	5,804	\$2.31
<i>Temecula</i>	Temecula Park and Ride	\$54,145	\$55,769	1,942	\$28.72
Subcategory Totals and Average cost-effectiveness**: Subcategory Summary		\$253,810	\$69,190	7,745	\$8.93

Project Category	Project Name	MVFee	Air Funds* Amortized	Emission Reductions ROG+NOx+PM2.5+CO/7 (\$/lb)	Cost- Effectiveness (\$/lb)
(6e) Telecommunication					
<i>Fullerton</i>	Permits & Telecommunications Project	\$150,500	\$32,862	272	\$120.80
<i>Irvine</i>	Video Conferencing	\$35,000	\$7,642	12	\$640.47
Subcategory Totals and Average cost-effectiveness**:		\$185,500	\$40,505	284	\$142.64
Category Summary		\$5,696,307	\$5,495,376	679,905	\$8.08
(8) Bicycles					
(8a) Bicycle Lanes and Trails (also bridges)					
<i>Big Bear Lake</i>	Bicycle master plan review and signage	\$1,258	\$85	55	\$1.53
<i>Whittier</i>	Greenway Bicycle Trail	\$36,697	\$2,467	219	\$11.24
<i>Rolling Hills Estates</i>	Palos Verdes Dr N Bike Lane Project	\$162,142	\$10,898	100	\$109.07
Subcategory Totals and Average cost-effectiveness**:		\$200,097	\$13,450	375	\$35.91
(8b) Other Bicycle Facilities (racks, lockers, loop detectors)					
<i>Anaheim</i>	Bicycle Lockers	\$10,561	\$10,878	632	\$17.20
Subcategory Totals and Average cost-effectiveness**:		\$10,561	\$10,878	632	\$17.20
(8c) Bicycle Usage (electric bikes, purchases, loaner projects)					
<i>Dana Point</i>	Law Enforcement Bicycle Patrol	\$3,252	\$710	116	\$6.13
<i>Orange (City)</i>	Orange Police Bike Team (Community Policing)	\$4,512	\$453	39	\$11.64
<i>Los Angeles (City)</i>	Bicycle Purchases & Support	\$111,344	\$24,312	2,000	\$12.16
<i>San Marino</i>	Bicycle Purchases for Police Patrol	\$1,335	\$134	3	\$44.06
Subcategory Totals and Average cost-effectiveness**:		\$120,443	\$25,610	2,157	\$11.87
Category Summary		\$331,101	\$49,937	3,164	\$15.78
(9) PM10 Reduction Strategies					
(9a) Road Dust Control (paving roads, shoulders, street sweeping)					
<i>Moreno Valley</i>	Street Sweeping Program - PM10 and PM2.5 Reduction	\$87,922	\$90,559	47,970	\$1.89
<i>Desert Hot Springs</i>	CVAG Regional PM10 Street Sweeping Program	\$9,444	\$949	221	\$4.29
<i>Rancho Cucamonga</i>	3 CNG Street Sweepers Purchase	\$75,000	\$17,585	2,685	\$6.55
<i>Hawthorne</i>	Street Sweeper Program	\$150,000	\$17,585	2,336	\$7.53
<i>County of Riverside</i>	Regional PM10 Street Sweeping Program	\$38,456	\$39,610	4,183	\$9.47

Project Category	Project Name	MVFee	Air Funds* Amortized	Emission Reductions	Cost- Effectiveness (\$/lb)
				ROG+NOx+PM2.5+CO/7 (\$/lb)	
<i>Upland</i>	Street Sweeping	\$18,785	\$19,349	1,552	\$12.47
<i>Indian Wells</i>	PM 10 Reduction	\$2,571	\$2,648	98	\$27.02
<i>Indio</i>	PM 10 Reduction Strategies	\$41,667	\$42,917	1,484	\$28.92
<i>Rancho Mirage</i>	CVAG Regional PM10 Street Sweeping Program	\$8,856	\$9,122	150	\$60.93
<i>Cathedral City</i>	Regional PM10 Street Sweeping Program	\$27,355	\$28,176	462	\$60.93
<i>Coachella</i>	Regional PM10 Street Sweeping Program	\$26,067	\$26,849	357	\$75.21
<i>La Quinta</i>	Regional PM10 Street Sweeping Program	\$27,711	\$28,542	379	\$75.31
<i>Palm Desert</i>	CVAG Regional PM10 Street Sweeping Program	\$33,445	\$34,448	449	\$76.72
Subcategory Totals and Average cost-effectiveness**:					
Subcategory Summary		\$547,279	\$358,338	62,326	\$5.75
Category Summary		\$547,279	\$358,338	62,326	\$5.75
Program Summary		\$12,980,419	\$8,552,150	7,744,749	\$1.10

*Air Funds amortized equals (MV Fees + MSRC + Moyer) multiplied by the Capital Recovery Factor.
 Cost-effectiveness is based on air funds and on ROG + NOx + PM10 + CO/7.
 Only those projects with cost-effectiveness greater than zero are included in this report.

Cost-Effectiveness of Funding by Project

Fiscal Year 2008-2009

Project Category	Project Name	Cost-Effectiveness (\$/lb) *Based on ROG+NOx+PM2.5		Cost-Effectiveness (\$/lb) Based on ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL	Air Funds	ALL
(1) Alternative Fuels/Electric Vehicles					
<i>Agoura Hills</i>	Public Works Hybrid Vehicle	\$6,843.71	\$6,843.71	\$677.92	\$677.92
<i>Arcadia</i>	Purchase One Full Hybrid Vehicle	\$3,821.11	\$3,821.11	\$373.23	\$373.23
<i>Baldwin Park</i>	Alternative Fuel Vehicle Purchase	\$1,350.00	\$1,350.00	\$285.58	\$285.58
<i>Calabasas</i>	Super Ultra Low Emission Vehicle Fleet	\$1,817.78	\$1,817.78	\$384.53	\$384.53
<i>Coachella</i>	Purchase Hybrid Vehicle	\$1,239.01	\$1,239.01	\$242.94	\$242.94
<i>Corona</i>	Vanpool Vans Replacement with Honda	\$1,451.28	\$1,451.28	\$307.00	\$307.00
<i>County of Riverside</i>	Construction of an LCNG fueling station	\$16.32	\$16.32	\$9.39	\$9.39
<i>Culver City</i>	One CNG Heavy-duty Dump Truck	\$673.46	\$2,185.60	\$673.46	\$2,185.60
<i>Culver City</i>	Six CNG Refuse Trucks	\$25.18	\$141.59	\$25.18	\$141.59
<i>Culver City</i>	Two CNG Pick-up Trucks	\$4,073.56	\$39,004.79	\$861.71	\$8,251.01
<i>Desert Hot Springs</i>	Purchase Hybrid Vehicle for Public	\$472.62	\$472.62	\$169.23	\$169.23
<i>El Monte</i>	Alternate Fuel Vehicle Purchase	\$701.96	\$701.96	\$148.49	\$148.49
<i>El Segundo</i>	Two Hybrid vehicles	\$4,382.25	\$4,382.25	\$927.01	\$927.01
<i>Fullerton</i>	Lease of 3 Alternative Fuel Vehicles	\$1,243.74	\$1,243.74	\$121.48	\$121.48
<i>Glendora</i>	Purchase of one hybrid Toyota Prius	\$1,886.46	\$1,886.46	\$399.06	\$399.06
<i>Hermosa Beach</i>	2 Ford Escape Hybrids for Police	\$2,849.05	\$2,849.05	\$512.83	\$512.83
<i>Indian Wells</i>	Purchase of one CNG Ford Crown Vic	\$170.57	\$170.57	\$251.36	\$251.36
<i>Inglewood</i>	Street Patrol Electric Vehicles	\$3,739.13	\$3,739.13	\$933.70	\$933.70
<i>Irvine</i>	Conversion of 2 vehicles to CNG	\$4,076.50	\$4,076.50	\$398.17	\$398.17
<i>La Habra Heights</i>	Purchase of one (1) 2009 Ford Escape	\$2,553.41	\$2,553.41	\$540.14	\$540.14
<i>La Palma</i>	Electric Utility Cart for Parks &	\$3.87	\$3.87	\$3.65	\$3.65
<i>La Verne</i>	Two (2) Ford F-250 CNG vehicles	\$7,160.37	\$7,160.37	\$7,160.37	\$7,160.37

Project Category	Project Name	Cost-Effectiveness (\$/lb) *Based on ROG+NOx+PM2.5		Cost-Effectiveness (\$/lb) Based on ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL	Air Funds	ALL
Lake Elsinore	Hybrid Vehicles	\$10,898.46	\$10,898.46	\$1,064.50	\$1,064.50
Lake Forest	Alternative Vehicle Purchase	\$2,271.28	\$2,271.28	\$480.46	\$480.46
Lomita	CNG Street Sweeping Services	\$90.77	\$90.77	\$90.77	\$90.77
Los Angeles (City)	Alternative Fuel Vehicle Purchase #1 &	\$4.34	\$116.38	\$4.34	\$116.38
Los Angeles (City)	Zero Emission Vehicle Demonstration	\$1,046.13	\$1,046.13	\$222.09	\$222.09
Los Angeles (City)	Alternative Fuel Vehicle Purchase #2 &	\$10.04	\$259.92	\$10.04	\$259.92
Manhattan Beach	Purchase of Hybrid Vehicle	\$2,847.58	\$19,530.19	\$278.14	\$1,907.60
Orange (City)	Community Services Electric Vehicle	\$262.38	\$262.38	\$65.52	\$65.52
Paramount	Purchase of 4 Hybrid Vehicles	\$3,576.04	\$3,576.04	\$756.47	\$756.47
Placentia	Commercial Code Enforcement Vehicle	\$5,574.44	\$5,574.44	\$544.48	\$544.48
Rancho Cucamonga	2008 Saturn Vue	\$194.01	\$194.01	\$120.58	\$120.58
Rancho Cucamonga	2008 Ford Escape	\$214.67	\$214.67	\$133.42	\$133.42
Redlands	Purchase Transit Bus	\$472.25	\$472.25	\$288.51	\$288.51
Redondo Beach	CNG Bus Purchase	\$12.18	\$51.16	\$12.18	\$51.16
Rialto	Purchase of Hybrid Vehicle	\$13,773.43	\$13,773.43	\$2,913.61	\$2,913.61
San Gabriel	Hybrid Purchases	\$2,258.54	\$2,258.54	\$479.47	\$479.47
San Jacinto	Malibu Purchase	\$2,417.11	\$2,417.11	\$236.09	\$236.09
San Jacinto	Propane Tank Installation	\$25.12	\$25.12	\$25.12	\$25.12
San Juan Capistrano	Hybrid Vehicle Purchase - Prius	\$972.09	\$972.09	\$205.63	\$205.63
San Juan Capistrano	Hybrid Vehicle Purchase	\$1,286.74	\$1,286.74	\$272.19	\$272.19
San Marino	Purchase of Hybrid Vehicles for Police	\$3,563.60	\$3,563.60	\$611.93	\$611.93
Sierra Madre	Two Replacement CNG-fueled Transit	\$1,199.23	\$7,054.30	\$429.41	\$2,525.96
South Pasadena	2008 GMC TC 6500 Dump Truck w/	\$1,500.56	\$1,500.56	\$1,500.56	\$1,500.56
South Pasadena	Shuttle Conversion CNG	\$109.60	\$238.60	\$74.95	\$163.17
Stanton	Purchase of Hybrid Vehicle	\$2,927.53	\$2,927.53	\$619.29	\$619.29
Temecula	Alternative Fueling Station	\$5.96	\$5.96	\$3.08	\$3.08

Project Category	Project Name	Cost-Effectiveness (\$/lb) *Based on ROG+NOx+PM2.5		Cost-Effectiveness (\$/lb) Based on ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL	Air Funds	ALL
<i>Temple City</i>	Purchase Hybrid Vehicles (3)	\$1,415.92	\$1,415.92	\$1,415.92	\$1,415.92
<i>Upland</i>	Light Duty Alternative Fuel Vehicles	\$437.17	\$437.17	\$284.81	\$284.81
<i>West Covina</i>	Alternative Fuel Vehicle Purchase (2)	\$846.05	\$846.05	\$178.97	\$178.97
<i>Yorba Linda</i>	Vehicle replacement program	\$256.84	\$256.84	\$147.59	\$147.59
(2) Vehicle Emissions Abatement					
<i>Arcadia</i>	Installation of Diesel Particulate Matter	\$40.54	\$40.54	\$40.54	\$40.54
<i>Arcadia</i>	Installation of Diesel Particulate Matter	\$12.19	\$12.19	\$12.19	\$12.19
<i>Huntington Beach</i>	Particulate filter on beach maintenance	\$141.28	\$141.28	\$141.28	\$141.28
<i>Huntington Beach</i>	Particulate filters for 3 beach	\$1,204.21	\$1,204.21	\$1,204.21	\$1,204.21
<i>Long Beach</i>	Rule 2202 Compliance	\$0.03	\$0.03	\$0.03	\$0.03
<i>Los Angeles (City)</i>	Off-Road Vehicle Purchase #2 (dozer)	\$43.97	\$64.62	\$42.35	\$62.24
<i>Los Angeles (City)</i>	Off-Road Vehicle Purchase #1 (2)	\$36.82	\$75.47	\$35.46	\$72.68
<i>San Jacinto</i>	Cleanaire System	\$26.38	\$26.38	\$26.38	\$26.38
<i>San Marino</i>	Diesel Exhaust Removal System	\$14.69	\$14.69	\$14.69	\$14.69
<i>San Marino</i>	Diesel Exhaust Removal System	\$1,008.01	\$1,008.01	\$1,008.01	\$1,008.01
(4) Public Transportation (Transit & Rail)					
<i>Anaheim</i>	Metrolink - OCTA	\$85.41	\$101.56	\$48.70	\$57.91
<i>Anaheim</i>	Canyon Downtown Program	\$70.70	\$155.69	\$40.51	\$89.21
<i>Anaheim</i>	Rail Feeder Pool Vehicles	\$40.60	\$45.41	\$45.06	\$50.39
<i>Azusa</i>	Metrolink Subsidy Program	\$38.44	\$66.23	\$23.62	\$40.70
<i>Brea</i>	Brea Transportation Program	\$471.83	\$471.83	\$273.64	\$273.64
<i>Compton</i>	Rideshare Program	\$30.52	\$30.52	\$18.75	\$18.75
<i>County of Riverside</i>	Riverside Community College Go-Pass	\$10.87	\$10.87	\$6.68	\$6.68
<i>Covina</i>	Commuter Choice Reimbursement	\$54.68	\$54.68	\$33.74	\$33.74
<i>Duarte</i>	Shuttle Service	\$5.97	\$5.97	\$3.75	\$3.75

Project Category	Project Name	Cost-Effectiveness (\$/lb) *Based on ROG+NOx+PM2.5		Cost-Effectiveness (\$/lb) Based on ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL	Air Funds	ALL
<i>Duarte</i>	Senior Bus Passes	\$19.22	\$19.22	\$11.81	\$11.81
<i>Glendora</i>	Metrolink Connection Shuttle Services	\$2.73	\$2.73	\$1.56	\$1.56
<i>Huntington Beach</i>	Shuttle Service Operation	\$717.83	\$1,573.86	\$413.57	\$906.76
<i>La Habra</i>	Shuttle Program	\$1,008.85	\$1,965.23	\$742.55	\$1,446.47
<i>Laguna Beach</i>	Free Main Line Service during the	\$80.32	\$80.32	\$48.03	\$48.03
<i>Laguna Beach</i>	Free Ride to Work Bus Pass Program	\$80.47	\$80.47	\$48.13	\$48.13
<i>Lynwood</i>	Fixed Trolley Route	\$1.83	\$1.83	\$1.05	\$1.05
<i>Monrovia</i>	Discount Bus Passes	\$2.04	\$2.04	\$1.25	\$1.25
<i>Moreno Valley</i>	RTA Go-Pass Bus Fare Subsidies	\$17.18	\$17.18	\$10.36	\$10.36
<i>Perris</i>	RTA U Pass Program	\$0.05	\$0.05	\$0.03	\$0.03
<i>Rancho Palos Verdes</i>	PV Transit (Palos Verdes Peninsula	\$75.86	\$75.86	\$48.07	\$48.07
<i>Rancho Santa Margarita</i>	Public Transportation Infrastructure	\$14.23	\$69.07	\$13.31	\$64.60
<i>Riverside (City)</i>	RCCD Go Pass Program	\$647.90	\$647.90	\$370.78	\$370.78
<i>Riverside (City)</i>	City of Riverside Employee City Pass	\$18.93	\$18.93	\$10.84	\$10.84
<i>Santa Clarita</i>	Passenger Fare Subsidies	\$33.37	\$33.37	\$20.52	\$20.52
<i>Santa Fe Springs</i>	Norwalk/Santa Fe Springs	\$38.69	\$319.78	\$22.91	\$189.34
<i>Seal Beach</i>	Local Transportation Program	\$382.51	\$382.51	\$242.00	\$242.00
<i>South El Monte</i>	Bus Pass Program	\$334.97	\$334.97	\$205.85	\$205.85
<i>Stanton</i>	Van Transportation	\$1.40	\$1.40	\$0.82	\$0.82
(5) Traffic Management					
<i>Costa Mesa</i>	Harbor Blvd./Gisler Ave. Intersection	\$7.92	\$7.92	\$6.56	\$6.56
<i>Costa Mesa</i>	Costa Mesa & Santa Ana Signal	\$7.47	\$7.47	\$3.61	\$3.61
<i>Costa Mesa</i>	Fairview Rd./Adams Ave. Intersection	\$62.50	\$62.50	\$51.79	\$51.79
<i>Fontana</i>	Cherry Valley - Arrow Wireless	\$17.18	\$17.18	\$10.14	\$10.14
<i>Fountain Valley</i>	Traffic Improvement Project 029 (TI 029)	\$7.77	\$37.00	\$4.08	\$19.42

Project Category	Project Name	Cost-Effectiveness (\$/lb) *Based on ROG+NOx+PM2.5		Cost-Effectiveness (\$/lb) Based on ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL	Air Funds	ALL
<i>Highland</i>	Signal Synchronization	\$0.12	\$0.12	\$0.08	\$0.08
<i>Laguna Hills</i>	Alicia Parkway and La Paz Road Signal	\$134.53	\$134.53	\$28.54	\$28.54
<i>Laguna Niguel</i>	Traffic Signal Synchronization	\$0.25	\$0.25	\$0.15	\$0.15
<i>Loma Linda</i>	Signal Coordination	\$0.49	\$0.49	\$0.31	\$0.31
<i>Los Angeles (City)</i>	ATSAC Control Center	\$0.13	\$0.75	\$0.12	\$0.71
<i>Moreno Valley</i>	Traffic Signal Coordination Program	\$111.62	\$111.62	\$66.97	\$66.97
<i>Moreno Valley</i>	Krameria Avenue / Vista Conejo Traffic	\$153.32	\$153.32	\$99.83	\$99.83
<i>Murrieta</i>	Traffic Light Synchronization Program	\$0.68	\$0.68	\$0.45	\$0.45
<i>Pico Rivera</i>	Traffic Control Measures	\$23.17	\$23.17	\$14.92	\$14.92
(6) Transportation Demand Management					
<i>Anaheim</i>	Trip Reduction Plan	\$18.25	\$20.41	\$10.41	\$11.64
<i>Anaheim</i>	City Wide Vanpool Program	\$7.14	\$10.73	\$5.21	\$7.83
<i>Arcadia</i>	Rideshare Plus Program	\$171.64	\$171.64	\$105.48	\$105.48
<i>Azusa</i>	Employee Rideshare Program	\$70.72	\$70.72	\$43.46	\$43.46
<i>Baldwin Park</i>	Employee Transportation Program	\$41.42	\$41.42	\$25.53	\$25.53
<i>Bell Gardens</i>	Alternative Transportation Program	\$29.10	\$29.10	\$17.88	\$17.88
<i>Burbank</i>	Burbank Commuter Program	\$34.11	\$34.11	\$20.96	\$20.96
<i>Carson</i>	Breathe - Employee Rideshare Program	\$112.82	\$112.82	\$64.51	\$64.51
<i>Cerritos</i>	Employee Rideshare Trip Rebate Program	\$60.37	\$60.37	\$34.42	\$34.42
<i>Claremont</i>	City Employee Trip Reduction Program	\$67.03	\$67.03	\$41.19	\$41.19
<i>Commerce</i>	Employer Based Trip Reduction	\$24.68	\$24.68	\$14.10	\$14.10
<i>Corona</i>	City of Corona Carpool/Vanpool	\$2,029.19	\$2,029.19	\$1,612.82	\$1,612.82
<i>Costa Mesa</i>	Rule 2202 Implementation	\$13.21	\$13.21	\$7.53	\$7.53
<i>County of LA</i>	Trip Reduction Plan Incentive;	\$1.00	\$1.00	\$0.61	\$0.61
<i>County of LA</i>	Trip Reduction Plan Incentive - Civic	\$26.93	\$26.93	\$15.02	\$15.02

Project Category	Project Name	Cost-Effectiveness (\$/lb) *Based on ROG+NOx+PM2.5		Cost-Effectiveness (\$/lb) Based on ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL	Air Funds	ALL
County of Orange	Employee Rideshare Program	\$1.62	\$10.80	\$0.92	\$6.16
County of San Bernardino	Employee Commute Reduction Program	\$18.66	\$18.66	\$11.47	\$11.47
Covina	Covina Rideshare Program	\$27.26	\$27.26	\$16.75	\$16.75
Cypress	City of Cypress Employee Vanpool	\$10.13	\$10.13	\$6.10	\$6.10
Downey	Downey Employees "Thumbs Up"	\$284.45	\$284.45	\$162.19	\$162.19
El Monte	Transportation Demand Management	\$124.58	\$124.58	\$76.56	\$76.56
Fontana	Rideshare Program	\$21.40	\$21.40	\$14.48	\$14.48
Fullerton	Employee Rideshare Program (Rule	\$11.41	\$11.41	\$7.01	\$7.01
Fullerton	Permits & Telecommunications Project	\$210.95	\$210.95	\$120.80	\$120.80
Garden Grove	Employee Commute Reduction Program	\$87.66	\$87.66	\$53.87	\$53.87
Gardena	Air Quality Investment Program	\$0.90	\$0.90	\$0.51	\$0.51
Gardena	Gardena Employee Rideshare	\$31.25	\$31.25	\$17.82	\$17.82
Glendale	Employee Trip Reduction Program	\$39.77	\$39.77	\$22.72	\$22.72
Glendora	ALTCOM--Rideshare Program	\$18.34	\$18.34	\$11.27	\$11.27
Hermosa Beach	AQMD Incentives to reduce auto trips	\$12.62	\$12.62	\$7.20	\$7.20
Huntington Beach	Employee Alternative Commute	\$227.14	\$227.14	\$129.52	\$129.52
Irvine	Rule 2202 Compliance	\$26.25	\$26.25	\$15.02	\$15.02
Irvine	Irvine Transportation Center Parking	\$4.03	\$4.03	\$2.31	\$2.31
Irvine	Video Conferencing	\$1,119.50	\$1,119.50	\$640.47	\$640.47
La Verne	Bike, Carpool, Walk Incentive Program	\$89.70	\$89.70	\$55.12	\$55.12
La Verne	Bike To Work Week Incentive	\$904.11	\$904.11	\$532.74	\$532.74
Los Angeles (City)	Commuter Services	\$4.66	\$42.75	\$2.65	\$24.38
Los Angeles (City)	Commuter Services	\$4.66	\$42.75	\$2.65	\$24.38
Los Angeles (City)	Commuter Services	\$41.35	\$45.44	\$23.57	\$25.91
Los Angeles (City)	Commuter Services Office (Vanpool)	\$33.54	\$42.17	\$20.79	\$26.14
Monrovia	Clean Air Program	\$12.75	\$12.75	\$7.83	\$7.83

Project Category	Project Name	Cost-Effectiveness (\$/lb) *Based on ROG+NOx+PM2.5		Cost-Effectiveness (\$/lb) Based on ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL	Air Funds	ALL
<i>Montclair</i>	Rideshare Program	\$35.72	\$35.72	\$21.95	\$21.95
<i>Monterey Park</i>	Employee Transportation Program	\$40.59	\$40.59	\$24.94	\$24.94
<i>Newport Beach</i>	Employee Rideshare Program	\$13.33	\$13.33	\$7.82	\$7.82
<i>Ontario</i>	Rideshare	\$19.83	\$19.83	\$12.19	\$12.19
<i>Orange (City)</i>	Trip Reduction Program	\$56.84	\$56.84	\$32.44	\$32.44
<i>Palm Desert</i>	Rideshare Program	\$80.58	\$80.58	\$49.48	\$49.48
<i>Palm Springs</i>	Rideshare Activities	\$82.18	\$82.18	\$50.50	\$50.50
<i>Pasadena</i>	Prideshare	\$14.06	\$34.91	\$8.64	\$21.45
<i>Rancho Cucamonga</i>	Ride Share Program	\$21.60	\$21.60	\$13.27	\$13.27
<i>Redondo Beach</i>	Employee Rideshare	\$33.65	\$33.65	\$20.68	\$20.68
<i>Rialto</i>	Employer Based Trip Reduction (6) (6a)	\$151.65	\$151.65	\$93.20	\$93.20
<i>Riverside (City)</i>	Rule 2202 On-Road Motor Vehicle	\$1.07	\$1.07	\$0.60	\$0.60
<i>San Bernardino (City)</i>	Employee Rideshare Program	\$126.58	\$133.21	\$77.79	\$81.86
<i>Santa Ana</i>	Santa Ana Employer Based Program	\$125.09	\$125.09	\$76.87	\$76.87
<i>South Gate</i>	Employer Rideshare Program	\$16.67	\$16.67	\$9.51	\$9.51
<i>South Pasadena</i>	Rideshare Program for City Employees	\$2.71	\$2.71	\$1.66	\$1.66
<i>Temecula</i>	Temecula Park and Ride	\$48.14	\$48.14	\$28.72	\$28.72
<i>Torrance</i>	Employee Trip Reduction Program	\$25.17	\$25.17	\$15.52	\$15.52
<i>Upland</i>	Rides Share	\$153.41	\$153.41	\$94.28	\$94.28
<i>West Covina</i>	Employee Rideshare Program	\$157.65	\$157.65	\$96.78	\$96.78
<i>West Hollywood</i>	Employee Trip Reduction	\$32.78	\$32.78	\$20.17	\$20.17
<i>Westminster</i>	Rideshare Program	\$39.93	\$39.93	\$22.77	\$22.77
<i>Westminster</i>	Vanpool Program	\$951.93	\$951.93	\$561.21	\$561.21
<i>Whittier</i>	Air Quality Investment Program	\$273.02	\$273.02	\$165.49	\$165.49
<i>Whittier</i>	Employee Rideshare	\$23.09	\$23.09	\$14.11	\$14.11

Project Category	Project Name	Cost-Effectiveness (\$/lb) *Based on ROG+NOx+PM2.5		Cost-Effectiveness (\$/lb) Based on ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL	Air Funds	ALL
(8) Bicycles					
Anaheim	Bicycle Lockers	\$30.13	\$33.70	\$17.20	\$19.24
Big Bear Lake	Bicycle master plan review and signage	\$2.63	\$2.63	\$1.53	\$1.53
Dana Point	Law Enforcement Bicycle Patrol	\$24.56	\$24.56	\$6.13	\$6.13
Los Angeles (City)	Bicycle Purchases & Support	\$38.32	\$38.32	\$12.16	\$12.16
Orange (City)	Orange Police Bike Team (Community	\$46.60	\$46.60	\$11.64	\$11.64
Rolling Hills Estates	Palos Verdes Dr N Bike Lane Project	\$186.78	\$3,412.30	\$109.07	\$1,992.57
San Marino	Bicycle Purchases for Police Patrol	\$176.45	\$176.45	\$44.06	\$44.06
Whittier	Greenway Bicycle Trail	\$19.18	\$19.18	\$11.24	\$11.24
(9) PM10 Reduction Strategies					
Cathedral City	Regional PM10 Street Sweeping	\$60.93	\$60.93	\$60.93	\$60.93
Coachella	Regional PM10 Street Sweeping	\$75.21	\$75.21	\$75.21	\$75.21
County of Riverside	Regional PM10 Street Sweeping	\$9.47	\$9.47	\$9.47	\$9.47
Desert Hot Springs	CVAG Regional PM10 Street Sweeping	\$4.29	\$4.29	\$4.29	\$4.29
Hawthorne	Street Sweeper Program	\$7.53	\$7.53	\$7.53	\$7.53
Indian Wells	PM 10 Reduction	\$27.02	\$27.02	\$27.02	\$27.02
Indio	PM 10 Reduction Strategies	\$28.92	\$28.92	\$28.92	\$28.92
La Quinta	Regional PM10 Street Sweeping	\$75.31	\$75.31	\$75.31	\$75.31
Moreno Valley	Street Sweeping Program - PM10 and	\$1.89	\$1.89	\$1.89	\$1.89
Palm Desert	CVAG Regional PM10 Street Sweeping	\$76.72	\$76.72	\$76.72	\$76.72
Rancho Cucamonga	3 CNG Street Sweepers Purchase	\$6.55	\$6.55	\$6.55	\$6.55
Rancho Mirage	CVAG Regional PM10 Street Sweeping	\$60.93	\$60.93	\$60.93	\$60.93
Upland	Street Sweeping	\$12.47	\$12.47	\$12.47	\$12.47

*Used for Statewide Comparisons.

Air Funds include MV Fees, MSRC, and Moyer dollars. All Funds also include CMAQ and other Co-funding.

Summary of Projects that Reported Cost-Effectiveness

Fiscal Year 2008-2009

Motor Vehicle Fees	\$12,980,419
Air Funds (MV Fees+MSRC+Moyer)	\$14,595,830
Amortized Air Funds	\$8,552,150
Emission Reductions (lbs per year) (ROG + NO _x + PM _{2.5} + CO/7)	7,744,749
Average Cost-Effectiveness (dollars per lb)	\$1.10