

## EFMP Retire and Replace Program Statistics

Below are summary statistics of the EFMP and EFMP Plus-Up Retire and Replace program data in South Coast Air Quality Management District (SCAQMD), San Joaquin Air Pollution Control District (SJVAPCD), Bay Area Air Quality Management District (BAAQMD) and Sacramento Metropolitan Air Quality Management District (SMAQMD) from June 1, 2015 through September 30, 2021.

**Table 1: Replacement Vehicles by Vehicle Technology**

| <b>Replacement Vehicle Technology</b>                            | <b>SCAQMD</b> | <b>SJVAPCD</b> | <b>BAAQMD</b> | <b>SMAQMD</b> | <b>All Districts</b> |
|--|---------------|----------------|---------------|---------------|----------------------|
| Battery Electric Vehicle (BEV)                                   | 749           | 326            | 294           | 137           | 1,506                |
| Fuel Cell  | 20            | 0              | 11            | 0             | 31                   |
| Plug-in Hybrid Electric Vehicle (PHEV)                           | 4,203         | 1,811          | 641           | 268           | 6,923                |
| Conventional Hybrid  | 2,364         | 1,346          | 362           | 0             | 4,072                |
| Internal Combustion Engine                                       | 367           | 184            | 0             | 0             | 551                  |
| Alt mobility transportation                                      | 10            | 0              | 10            | 0             | 20                   |
| Electric Vehicle Supply Equipment (EVSE) funded for BEVs & PHEVs | 18            | 6              | 132           | 0             | 156                  |
| <b>Total Replacement Vehicles</b>                                | <b>7,713</b>  | <b>3,667</b>   | <b>1,318</b>  | <b>405</b>    | <b>13,103</b>        |

**Table 2: Summary Statistics (Average) Characteristics of the Replacement Vehicle**

| Vehicle Characteristic              | SCAQMD      | SJVAPCD     | BAAQMD      | SMAQMD      | All Districts |
|-------------------------------------|-------------|-------------|-------------|-------------|---------------|
| Model Year                          | 2016        | 2015        | 2018        | 2019        | 2016          |
| Miles Per Gallon (MPG) <sup>1</sup> | 83.11       | 73.61       | 93.79       | 110.4       | 82.34         |
| Mileage at Purchase                 | 29,484      | 43,000      | 15,877      | 19,638      | 31,610        |
| EFMP Incentive                      | \$8,027.87  | \$8,069.36  | \$8,392.96  | \$9,035.80  | \$8,107.36    |
| Total Purchase Price                | \$23,907.26 | \$19,387.00 | \$29,269.52 | \$31,040.47 | \$23,399.73   |
| Amount Financed                     | \$16,037.50 | \$11,324    | \$18,651.53 | \$17,563.50 | \$15,002.18   |
| Interest Rate                       | 5.74        | 7.80        | 3.51        | 4.93        | 6.08          |

<sup>1</sup> The MPG-equivalent (MPGe) fuel economy rating is used for battery electric and plug-in hybrid vehicles while the standard MPG rating is used for hybrid and internal combustion engine vehicles.

**Table 3: Summary Statistics (Average) Characteristics of the Retired Vehicle**

| Vehicle Characteristic | SCAQMD  | SJVAPCD | BAAQMD  | SMAQMD  | All Districts |
|------------------------|---------|---------|---------|---------|---------------|
| Model Year             | 2001    | 1995    | 2000    | 2001    | 1999          |
| MPG                    | 22.40   | 20.30   | 20.68   | 20.68   | 21.58         |
| Mileage at Retirement  | 179,129 | 218,551 | 188,138 | 196,905 | 191,613       |

**Table 4: Participation by Household Income Categories with respect to the Federal Poverty Level (FPL)<sup>1</sup> and Disadvantaged Community (DAC)<sup>2</sup>**

| Participant Category                             | Household Income Category/ DAC Characteristic | SCAQMD | SJVAPCD | BAAQMD | SMAQMD | All Districts |
|--|---|--------|---------|--------|--------|---------------|
| Household Income of Participant (Percent of FPL) | Less than or equal to 225%                    | 6,836  | 3,326   | 1,031  | 333    | 11,526        |
|  | 226% to 300%                                  | 666    | 271     | 181    | 53     | 1,171         |
|  | 301% to 400%                                  | 211    | 70      | 106    | 19     | 406           |
| Disadvantaged Community Residence                | Zip Code Containing a DAC                     | 6,930  | 3,595   | 876    | 233    | 11,634        |
|  | DAC Census Tract                              | 3,269  | 2,649   | 220    | 65     | 6,203         |

<sup>1</sup> <https://aspe.hhs.gov/poverty-guidelines>

<sup>2</sup> <https://ww3.arb.ca.gov/cc/capandtrade/auctionproceeds/communityinvestments.htm>

Annual emission reductions achieved by this program can be found in the annual report to the legislature: <http://www.caclimateinvestments.ca.gov/annual-report/>.