



## Legend for HVIP Map and Data File

*This legend accompanies the Excel data file and map, which are updated monthly at [www.californiahvip.org/impact](http://www.californiahvip.org/impact). The dataset includes vouchers requested and redeemed since 2010.*

Late updated 9/8/2022

**Redeemed Voucher Status:** Vehicle has been delivered and dealer / manufacturer has been reimbursed (Note that purchaser has already received the discount up front at the point of sale).

**Unredeemed Voucher Status:** Voucher has been submitted. Funds are then set aside and voucher can remain unredeemed for 18 months unless otherwise approved by the California Air Resources Board.

**Amount Column:** The dollar amount of the voucher incentive for the vehicle. All current voucher amounts per vehicle can be found at [www.californiahvip.org/vehicles](http://www.californiahvip.org/vehicles). However, the website does not include the historical voucher amounts.

**Drivetrain Column:** A group of components that deliver power to the vehicle's wheels. Note that since the data covers all of HVIP's history, some drivetrain types are *no longer eligible* for new funding:

- **HV:** Hybrid Vehicle: Can draw propulsion energy from both of the following on-vehicle sources of stored energy: consumable fuel and rechargeable energy storage system (*no longer eligible*).
- **ZEV:** Zero Emission Vehicle: Produces no emissions when stationary or operating.
  - **Battery Electric:** Battery electric-powered vehicle technologies
  - **Hydrogen Fuel Cell:** Powered by compressed hydrogen gas that feeds into an onboard fuel cell "stack" that doesn't burn the gas, but instead transforms the fuel's chemical energy into electrical energy.
- **EVSE:** Electric Vehicle Supply Equipment
- **Natural Gas:** The 8.9L Natural Gas engine certified to a 0.02 grams per brake horsepower-hour (g/bhp-hr) nitrogen oxide (NO<sub>x</sub>) standard was no longer eligible for HVIP funding after 2019 and the 11.9L was ineligible after 2020.
- **ePTO:** (electric Power Take-Off) – Device that takes power from an on-vehicle source (like a battery) and produces no emissions and which is used to power an aerial boom. Work vehicles with ePTO are deemed HVIP-eligible by CARB based on a demonstration that the vehicle engine does not idle to recharge the battery or to power the truck mounted hydraulic, pneumatic, or electric work equipment utilized for performing stationary work in a typical workday.

**Payment Year Column:** Completed payment date for voucher. Specifically, the year in which the voucher was redeemed. A BLANK field in this column denotes that the voucher has not yet been redeemed. Vouchers are redeemed by the dealer / manufacturer after the vehicle has been delivered to the customer. The customer, however, has already received the value of the voucher discount

immediately at the point of sale. After the date of the voucher request, vouchers have an 18-month expiration date for redemption.

**Disadvantaged Column:** Whether the vehicle is domiciled (vehicle deployed location) in a census-designated disadvantaged community (DAC), as identified by the California Communities Environmental Health Screening Tool (CalEnviroScreen). To maintain compliance with AB 1550, voucher enhancements will be applied to DAC domiciles.

**Public or Private Column:** A public fleet includes all federal, state, city, public universities, public airports, public school districts, public ports, and special districts (water, utility, and irrigation districts), or any other public entity. "Private" means the vehicle purchaser is any private entity / business / commercial operation.

**Gross Vehicle Weight Column:** The maximum total safe weight of a vehicle.

- **Class 3:** 10,001 – 14,000 pounds
- **Class 4:** 14,001 – 16,000 pounds
- **Class 5:** 16,001 – 19,500 pounds
- **Class 6:** 19,501 – 26,000 pounds
- **Class 7:** 26,001 – 33,000 pounds
- **Class 8:** 33,001 pounds and above

See more categorization at [www.californiahvip.org/vehicles](http://www.californiahvip.org/vehicles)

**Manufacturer Column:** Vehicle Original Equipment Manufacturer, who built the vehicle.

**Vocational Use Column:** Type of vehicle. Starting in 2021, the Vocational Use / Vehicle Type categories used are Utility Truck; Heavy Duty Bus; Medium Duty Bus; Refuse; School Bus; Panel and Step Van; Straight Truck; and Tractor. However, these categories are not retroactive so different categories were used prior to 2021 in some cases.

**County Column:** The County which the vehicle will be domiciled.

**Assembly District Column:** The district which the vehicle will be domiciled.

**Senate District Column:** The district which the vehicle will be domiciled.

**Air District Column:** The district which the vehicle will be domiciled. Air districts are responsible for regional air quality planning, monitoring, and stationary source and facility permitting. Air districts administer air quality improvement grant programs and are CARB's primary partners in efforts to ensure that all Californians breathe clean air. <https://ww2.arb.ca.gov/california-air-districts>

**Census Tract Column:** The tract which the vehicle will be domiciled. The geographic region defined for the purpose of taking a census.

**Fleet Zip Code Column:** The zip code where the vehicle will be domiciled.