What is the Telematics Reporting requirement for HVIP?

Vehicle Manufacturers participating in HVIP are required to provide a summary of GPS-based telematics vehicle data every quarter. HVIP telematics reporting is required for vehicles with vouchers requested April 1, 2016 and later. Telematics reporting applies to all HVIP vehicles except Low NOx vehicles.

HVIP Implementation Manual Description of the Telematics Reporting Requirement:

“Telematics data for Disadvantaged Communities: All vehicles, except military vehicles and vehicles equipped with low NOx engines, shall be equipped with a data acquisition system capable of collecting vehicle GPS data and vehicle mileage. Telematics requirements for ePTO vehicles are covered separately in section C.5. Each vehicle manufacturer shall be responsible for providing quarterly reports for each vehicle to the Grantee (CALSTART). Each quarterly report shall have current quarterly and cumulative data listing the following information:

i. Hours and percentage of total time when the vehicles are operating (operating would mean vehicle is “key on”) within a disadvantaged community

ii. Percentage of days when first key on of the work day is in a DAC.

iii. Total miles and percentage of total miles when the vehicles are driving within a DAC.

iv. Each report shall be broken into two groups:
   a. Vehicles domiciled in a DAC.
   b. Vehicles not domiciled in a DAC.

v. Grantee (CALSTART) shall provide manufacturer a list of vehicles for each quarterly report.

vi. Vehicle manufacturers shall provide a minimum of three years of data for vehicles from the date of voucher payment.”

What is a Disadvantaged Community?

Disadvantaged Communities (DACs) face a disproportionate burden from the effects of climate change due to geographic and socioeconomic factors. DACs are those communities in
the 25 percent of highest scoring census tracks using the California Communities Environmental Health Screening Tool (CalEnviroScreen) 3.0, and includes an additional 22 census tracks that score in the highest 5 percent of the CalEnviroScreen’s Pollution Burden but do not have an overall CalEnviroScreen score due to insufficient socioeconomic and health data.

**DAC Map:** [Click Here](#)

This California Air Resources Board (CARB) map identifies SB 535 Disadvantaged Communities by address. They are shown in the map as pink and pink-striped areas. The data for the DAC census tracts is also available for download in Geodatabase, KMZ, and Excel files on the webpage linked above. Telematics providers can integrate the telematics data from the vehicle with the DAC boundary mapping data to identify when the vehicle is in a DAC.

**Why does CARB want this information?**

CARB wants to understand the extent to which HVIP-funded vehicles are operating in DACs. HVIP utilizes California Climate Investments (CCI) funding, which requires that at least 35% of all funding benefits DACs. There is not a requirement for operators to use trucks in DACs. To date, 55% of all HVIP-funded vehicles have been deployed in DACs.

**The Process for Submission of Telematics Reports**

1) At the end of each quarter (March 31 for Q1, June 30 for Q2, Sept. 30 for Q3, Dec. 31 for Q4) the HVIP team will supply each HVIP-participant-OEM with two documents:
   - A Reporting Form: this is a four-row spreadsheet for providing the telematics data gathered during the **just-completed quarter**.
   - A document listing the VIN numbers of all vehicles that our records indicate a given OEM is responsible for providing telematics reporting for the **just-completed quarter**.

2) The reporting form should be completed and submitted to data@californiahvip.org with the subject line: “**CompletedTelematicsReport_Q1_2018_<Manufacturer Name Here>**”.

3) All reports should be submitted within **one month** of the date the Reporting Form and VIN document were provided to you (typically April 30, July 31, Oct. 31, Jan. 31). After the report is submitted, the data will be compiled and submitted to CARB.

**Example of a Complete HVIP Telematics Report:**

A properly completed Telematic Reporting Document will be one to four rows of aggregated data submitted on a spreadsheet to data@californiahvip.org.
For Manufacturers That Cannot Meet the Telematics Reporting Requirement:

The HVIP Team is aware that there are HVIP-participating OEMs that are not yet able to meet Telematics Reporting Requirements.

These groups should submit, in place of a complete Telematics Reporting Form, a document detailing the issues that the OEM is having meeting requirements. Such a document should include:

A) Designation of the point of contact at the OEM for discussing the plan to meet the Telematics Reporting Requirement moving forward.

B) Actions being taken to meet the Telematics Reporting Requirement moving forward – including changing telematic hardware or service provider if need be.

C) The timeframe for when the OEM will be able to meet the telematic reporting requirement, including actionable steps to be accomplished before the next reporting period.

Questions? Contact data@californiahvip.org

Reminder: If the contact staff person responsible for telematics at your organization changes, please notify data@californiahvip.org ASAP to avoid delays in your reporting.