



Engines and Vehicles – Compliance Information System (EV-CIS)

Production Volume Reporting Module Updates:

Industries to be Added for Model Year 2021

All-Terrain Vehicles, Electric Motorcycles, Large Spark-Ignition Engines, Marine Compression-Ignition, Marine Spark-Ignition Engines, Off-Highway Motorcycles, Small Spark-Ignition Engines, Snowmobiles

Informational Meeting
September 22, 2021

Note: This presentation does not cover the following industries:

- Heavy-Duty Gasoline/Diesel Engines are already using the new PV Reporting module
- Heavy-Duty Vehicles will be added to the new PV Reporting module (for Phase II reports only) at the same time as the family-level reporting industries in time for model year 2021 submissions, but is covered in separate manufacturer outreach materials found at <https://www.epa.gov/ve-certification/system-documentation-heavy-duty-greenhouse-gas-ghg-reporting>
- Locomotives, Nonroad Compression-Ignition Engines, and On-Highway Motorcycles will be added to the new PV Reporting module sometime after the release of HDV and all the family-level reporting industries. Timing will be communicated as soon as it becomes available
- Light-Duty is not currently planned to be added to the new PV reporting module

Agenda

- What's Happening
- Production Volume (PV) Reporting Module Changes
- Demonstration and Screenshots
- Testing and Deployment Information
- Contact Information and Resources
- Questions

What's Happening?

- Updates will be made to the **new** EV-CIS Production Volume (PV) Reporting module* to accommodate the following industries that all report at the family-level+:
 - All-Terrain Vehicles (Part 1051)
 - Electric Motorcycles (Part 86)
 - Large Spark-Ignition Engines (Part 1048)
 - Marine Compression-Ignition Engines (Part 1042)
 - Marine Spark-Ignition Engines (Part 1045)
 - Off-Highway Motorcycles (Part 1051)
 - Small Spark-Ignition Engines (Part 1054)
 - Snowmobiles (Part 1051)

**In November 2020, EPA released a new PV Reporting module intended to unify and streamline the reporting process across all industries. The first release only supported Heavy-Duty Engines (Phase I and II).*

+The Heavy-Duty Vehicle industry (Phase II only) will also be added to the PV Reporting module at the same time as the industries listed above (see separate HDV communications) even though it does not report volumes at the family level

What's Happening?

- These changes are targeted to be released in time for submitting model year 2021 production volume reports to the new PV reporting module
- Any corrections/updates to pre-model year 2021 production volume reports for all the family-level reporting industries will also need to be submitted to the new PV Reporting module*
- The legacy PV reporting submission methods for these industries will be decommissioned
- The first correction/update for a pre-model year 2021 report must be submitted to the new PV Reporting module using the “Create Submission” option
- All subsequent corrections/updates would then be submitted using the “Edit” or “Revise” options in the new module

*Not applicable for Heavy-Duty Vehicle Phase II reports

PV Reporting Changes

- The Contact(s) drop-down list in the PV module will only include contacts from the EV-CIS Manufacturer Information module that have the combination of:
 - Applicable PV report industry; and
 - Compliance Program of “Production Volume”
- All certified families will be auto-populated on the PV Report Details screen so that production volumes can be entered for each family
 - Interim saves will be possible prior to entering production volumes for all certified families
 - Once production volumes have been entered for all certified families, the PV report can be submitted to EV-CIS

PV Reporting Changes- Small SI Industry Only

- 1054.801 establishes a Small SI small volume manufacturer threshold of 25,000 handheld engines or 10,000 nonhandheld engines
- For each Small SI PV report submission, EV-CIS will calculate the total production volume for all handheld families and separately for all nonhandheld families
 - If the small volume manufacturer threshold is exceeded for either handheld or nonhandheld engines, warning business rules will inform the manufacturer that they will no longer qualify as a small volume manufacturer for the exceeded family category (i.e., handheld, nonhandheld, or both). (Note- Warning business rules do not prevent the PV report from being submitted)
 - New business rules for the Small SI certification dataset (i.e., application) will not allow the Small Volume Manufacturer Indicator to equal “Yes” in any future model years if the small volume manufacturer threshold for the same family category was exceeded in a PV report for any previous model year



Demonstration & Screenshots

Compliance Reporting Home*

*Screen may vary across industries

The screenshot shows the EPA EV-CIS Compliance Reporting Home interface for Small Nonroad Spark-Ignition Engines. The header includes the EPA logo, EV-CIS (Engines and Vehicles - Compliance Information System), and user options like 'My CDX' and 'CDX Inbox'. The main content area is titled 'Small Nonroad Spark-Ignition Engines' and features a 'Change Industry' button. Five main reporting modules are displayed: 'Averaging, Banking, and Trading', 'Defects and Recalls', 'Production Line Testing', 'Production Volume', and 'Selective Enforcement Audit'. The 'Production Volume' module is circled in red, and a red arrow points to it from the text on the left. A 'Don't see what you're looking for?' section with an 'Upload Compliance Documents' button is also visible.

The “Production Volume” button on the Compliance Reporting Home for all the family-level reporting industries will be modified to link to the new PV Reporting module

PV Reporting Home (Submission History)

Use the “Create Submission” button to initially create a PV report for a new model year

Only the HD Vehicle industry will use this button to submit pre-MY2021 Phase I PV Reports. Other industries will submit pre-MY2021 report corrections via the new PV reporting module

EPA EV-CIS Engines and Vehicles - Compliance Information System

My CDX CDX Inbox

Production Volume Reporting

Home

Submission History

Create Submission Export All Print All

Submission Status: Show All Search: Small Nonroad Spark-

Mfr Report Name	EPA Submission ID	Model Year	Industry	Submission Status	Last Modified	Last Modified By	Actions
Production Volume Report Family MY 2021	EPA-PV-2021-0000105	2021	Small Nonroad Spark-Ignition Engines	Pending In Progress	09/13/2021 05:16:25 pm	Ching-Shih Yang	Select
Production Volume Report Family MY 2021	EPA-PV-2021-0000105	2021	Small Nonroad Spark-Ignition Engines	Submitted	09/13/2021 03:40:13 pm	Ching-Shih Yang	Select

Show 10 entries Showing 1 to 2 of 2 entries (filtered from 34 total entries) Previous 1 Next

To correct a Production Volume Report that was submitted for compliance with the Heavy-Duty Vehicle Greenhouse Gas (GHG) Phase I program for MY2020 and earlier vehicles, use the HD Vehicle GHG Phase I PV Reporting button below.

HD Vehicle GHG Phase I PV Reporting

Upon entering the module, all PV reports submitted by any user for the selected industry will be displayed. Type additional text in the Search box to further filter which PV reports are displayed

Manage PV reports by selecting an option from the “Actions” column. The options vary depending on whether the report has been submitted (Revise, History, View) or is still pending (Edit, History, Delete)

PV Report Setup

EPA EV-CIS Engines and Vehicles - Compliance Information System My CDX CDX Inbox

← Production Volume Reporting

Report Setup

EPA Manufacturer Code: EPA Manufacturer Name: Environmental Protection Agency

Industry: * Large Nonroad Spark-Ignition Engines

Report Type: * Production Volume Report Model Year: * 2021

Manufacturer Report Name: * Manufacturer Report ID: Optional Manufacturer Report ID

Comments (3949 characters available): CR-19
Optional comments for this Production Volume Report

Exit Next →

Enter a unique Manufacturer Report Name for this PV report. A warning business rule will display on the Review & Confirm screen if the same Manufacturer Report Name already exists for a different PV report for the same model year

Enter a unique Manufacturer Report ID (optional) for this PV report. A warning business rule will display on the Review & Confirm screen if the same Manufacturer Report ID already exists for a different PV report for the same model year

Industry, Report Type, and Model Year cannot be modified after clicking the "Next" button when first creating a new report

PV Report Description

Select applicable Contact(s) for this PV Report. If the correct Contact is not included in the drop-down list, go to the Manufacturer Information module and add the applicable Industry and Compliance Program of "Production Volume" combination to the desired Contact

The screenshot shows the EPA EV-CIS interface for the Production Volume Reporting process. The top navigation bar includes the EPA logo, EV-CIS text, and the subtitle "Engines and Vehicles - Compliance Information System". On the right, there are links for "My CDX" and "CDX Inbox" with a search input field. Below the navigation bar is a dark blue header with a back arrow and the text "Production Volume Reporting".

The main content area is titled "Report Description" and features a progress indicator with five steps: 1. Report Setup (checked), 2. Report Description (active), 3. Report Details, 4. Review & Confirm, and 5. Complete.

The form contains the following fields:

- EPA Manufacturer Code: EPA
- EPA Report Identifier: EPA-PV-2021-0000122
- Report Type: Production Volume Report
- Manufacturer Name: Environmental Protection Agency
- Industry: Large Nonroad Spark-Ignition Engines
- Report Name: Manufacturer Report Name
- Contact(s): * Select Contact... (dropdown menu)
- Comments (3949 characters available): Optional comments for this Production Volume Report (text area)

At the bottom of the form are four buttons: "Back" (green), "Exit" (grey), "Save" (dark blue), and "Next" (green) with a right-pointing arrow.

Click the "Next" button to proceed to the Report Details screen

PV Report Details

EPA EV-CIS Engines and Vehicles - Compliance Information System

My CDX CDX Inbox

Production Volume Reporting

Report Details

Report Setup Report Description **Report Details** Review & Confirm Complete

EPA Manufacturer Code: EPA
EPA Report Identifier: EPA-PV-2021-0000101
Report Type: Production Volume Report

Manufacturer Name: Environmental Protection Agency
Industry: Marine Spark-Ignition Engines
Report Name: 1st MSI PV Report

List of Families:

Search for Families...

Hide Completed Records

Family Name	Status	Projected Sales (Federal)	Projected Sales (CA)	Projected Sales (Total U.S.)	Production Volume (CA)	Production Volume (Total U.S.) *
MEPAM07.9LX2	Certified	150	0	150	0	200
MEPAM07.9LXB	Certified	150	0	150	0	180
MEPAM4.002G2	Certified	2699	49	2748	45	2999
MEPAM4.002G4	Certified	2699	49	2748		
MEPAM4.002G5	Certified	2699	49	2748	41	2510
MEPAM4.002G6	Certified	2699	49	2748	51	3171

Comments (3961 characters available):
Testing MSLPVR during DEV#3 deployment

← Back Exit Save Review & Confirm →

Type all or part of a family name in this search box to filter the list of families that are displayed

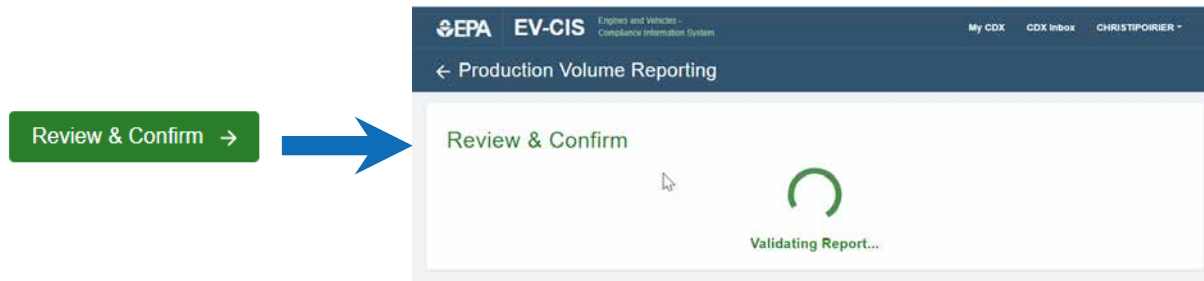
This report cannot be submitted until all the required production volumes have been entered

Click the “Save” button to save incomplete data that is not yet ready to be submitted

Click the “Hide Completed Records” button to hide families for which required production volume values have already been entered (the button will then change to “Show All Records” which can be used to return to the full list of all families)

Click the “Review & Confirm” button to validate the information entered for this PV report

PV Review & Confirm



If no business rule errors are displayed at the top of the Review & Confirm screen, click the “Submit” button to submit this PV report

Click the “Exit” button to keep this PV report as pending

Click the “Back” button to edit this PV report to resolve any business rule errors

A screenshot of the EPA EV-CIS 'Review & Confirm' screen showing report details. The page title is 'Production Volume Reporting' and the sub-header is 'Review & Confirm'. A progress bar at the top shows five steps: Report Setup, Report Description, Report Details, Review & Confirm (current), and Complete. A 'Hide All Sections' button is present. The report details are as follows:

Manufacturer Code:	EPA	Manufacturer Name:	Environmental Protection Agency
EPA Report Identifier:	EPA-PV-2021-0000101	Industry:	Marine Spark-Ignition Engines
Report Type:	Production Volume Report	Model Year:	2021
Manufacturer Report Name:	1st MSI PV Report	Manufacturer Report ID:	MSI-2021

Report Description:

- Contacts: Mrs. Christl Poirier (poirier.christl@epa.gov)
- Summary of Modifications: Testing out modifying a submitted report.

Report Details:

Family Name	Status	Projected Sales (Federal)	Projected Sales (CA)	Projected Sales (Total U.S.)	Production Volume (CA)	Production Volume (Total U.S.)
MEPAM07.9LX2	Certified	150	0	150	0	200
MEPAM07.9LXB	Certified	150	0	150	0	180
MEPAM4.002G2	Certified	2699	49	2748	45	2999
MEPAM4.002G4	Certified	2699	49	2748	32	2777
MEPAM4.002G5	Certified	2699	49	2748	41	2510
MEPAM4.002G6	Certified	2699	49	2748	51	3171

Comments:

- Testing MSI PVR during DEV#3 deployment

Buttons: Back, Exit, Submit

PV Complete



Complete

Your report has been submitted to EPA. If you have any questions, please contact EPA at 703-253-3259 or email evcishelpdesk@epacdx.net. You can check the status of your submission on the Production Volume Reporting Home Page.

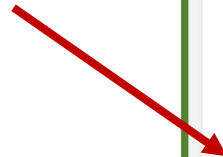
Report Setup ✓ Report Description ✓ Report Details ✓ Review & Confirm ✓ Complete ✓

Submission Summary

Date:	09/09/2021	Process Code:	Correction
Manufacturer Code:	EPA	Manufacturer Name:	Environmental Protection Agency
Industry:	Marine Spark-Ignition Engines	Report Type:	Production Volume Report
Model Year:	2021	Report ID:	EPA-PV-2021-0000101
Transaction ID:	_00d54fab-f42b-4e80-aa16-431477edb46d		

[Go to My CDX](#) [Done](#)

Record the Transaction ID in case there are any issues with the submission



Testing & Deployment Information

- EPA will **NOT** be holding an official Manufacturer Testing period due to:
 - Limited/unknown availability of the EV-CIS testing environment due to other system upgrades
 - The time that would be required by manufacturers to get families certified in the testing environment which is a prerequisite to testing the PV Reporting module
- These changes are targeted to be released in time for submitting model year 2021 production volume reports to the new PV reporting module



Contact Information

EV-CIS Help Desk

Direct all system-related questions to the EV-CIS Help Desk—
Email evcishelpdesk@epacdx.net

EV-CIS Listserver

To sign up for the EV-CIS list server,
send email to evcis-subscribe@lists.epa.gov

Manufacturer Information and Guidance Listserver

To be notified when new manufacturer information, guidance letters and advisory circulars are issued for vehicle, engine, and equipment programs, join the Manufacturer Information list server by sending email to manufacturer-info-subscribe@lists.epa.gov.



Resources

EV-CIS Website

<https://www.epa.gov/vehicles-and-engines>

EV-CIS User Registration

<https://www.epa.gov/ve-certification/how-register-engines-and-vehicles-compliance-information-system-ev-cis>



Resources

System Documentation and Guidance for Production Volume Reporting

<https://www.epa.gov/ve-certification/system-documentation-and-guidance-production-volume-reporting>



Questions?