

Sector	Data source(s)	2022 Status
EGU (ptegu)	Annual (2022) NEI point and CEMS data [unsubmitted point sources not closed carried forward from 2020]	Draft point file is available and has been sectorized – CEMS overlaid. Facility and unit-level summaries are available
Non-EGU point (ptnonipm)	Annual (2022) NEI point]unsubmitted point sources not closed carried forward from 2020] Consider using non-EGU CEMS data.	Draft point file is available and has been sectorized. Facility and unit-level summaries are available
Airports (airports)	Smaller airports: adjust 2021 to 2022 (or 2020 to 2022) using latest TAF; EPA will provide emissions for top 50 airports. Recompute temporal profiles to reflect 2022 patterns.	Computing of top 50 airport emissions is in progress. 2023 TAF is now available from https://taf.faa.gov/
Ag. Fires (ptagfire)	2022 Satellite data and other datasets, land use (no state data). As provided from ORD.	Draft is available; working to separate ag fires from prescribed.
Wild & prescribed fires (ptfire)	2022 satellite and other datasets and land use plus state-submitted data for 2022).	Draft is available; working towards “beta” version for April review.
Meteorological inputs	2022 U.S. EPA WRF	Fall 2023 [already available]
Biogenics (beis)	2022 Met. data, land use – BEIS inputs are available.	Will be developed soon.
Commercial Marine Vessels (cmv_c1c3, cmv_c3)	2022 AIS data with emissions computed using 2021 methods. Hourly.	Data have been received from CoastGuard. EPA and contractor starting to work with those data. May not be ready by April 1.
Fertilizer (fertilizer)	2022 CMAQ simulation – computed on the fly. Suggest using the STAGE option for CMAQ.	Will create during early base year run in summer 2024.
Livestock (livestock)	2022-specific livestock emissions data – provided by EPA. Pull forward from 2020 livestock not in FEM.	EPA preparing to run FEM . 2022 Census of Agriculture just released. EPA to review this for livestock animal count information. Met inputs ready.
Paved and Unpaved Road Fugitive dust (afdust)	2020 NEI data projected to 2022 using ratio of 2022 / 2020 VMT; with year-specific met adjustments.	2022 VMT needed - hopefully finalized by early March 2024.

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Construction, Agricultural Tilling, Mining Fugitive Dust (afdust)	2020 NEI held constant but adjusted with 2022 met	2020NEI-based. See nonpoint projections plans.
Nonpoint oil and gas (np_oilgas)	2022 well activity data (production of oil, bas, etc) run through Oil and gas tool from ERG, plus abandoned wells based on 2020. Shapefiles for surrogates from ERG.	Activity data have been shared. Will compute emissions in March 2023 including ancillary data.
Point oil and gas (pt_oilgas)	Annual (2022) NEI point [unsubmitted carried forward from 2020]. Note that some states submit their own emissions for oil and gas (e.g., CO, WY, UT, CA). Then reconcile between point and what's left in nonpoint.	Draft inventory available Feb 1. Final for v1 available by late May.
Solvents (np_solvents)	Use 2021 inventory	2021 inventory available
Residential Wood combustion (rwc)	2020 NEI data with SEDS adjustments to 2021.	2021 inventory is available
Nonpoint Fuel Combustion and Marketing Categories (Stage I, etc....) (nonpt)	2020 NEI data with possible adjustments.	2020 NEI available. Nonpoint task force recommendations still to be implemented.
Remaining Nonpoint (nonpt)	Employment, population or hold flat depending on SCC	2020 NEI available. Nonpoint task force recommendations still to be implemented.
Locomotives (rail)	To be provided by EPA.	Contractor working on this. Should be ready in March.
Nonroad (nonroad)	2022 MOVES4 run, 2022 U.S. EPA WRF data; some CARB-provided data	2022 inventory available (presenting on MOVES MJO 2/15)
Onroad (onroad)	2022 MOVES4 run with 2022 activity data. State-provided activity + FHWA. Some CARB-provided data; 2020 VPOP and Starts, ONI from OTAQ. TMAS for temporal profiles.	MOVES run is about to start. Draft VMT and VPOP are available (presenting on MOVES MJO 2/15). TMAS data is being prepared.
Canada (various sectors)	Interpolate ECCC between 2020 and 2023. ECCC data are available for 2020, 2023, and other later years.	Not started for 2022 but available for 2021. Consider how to make Canada & Mexico data available