

## Summaries of point source emissions used in air quality modeling

Annual facility-level emissions summaries of oil and gas-related point sources, other non-EGU point sources, and electricity generating units (EGUs) along with unit-level summaries of annual emissions (in short tons per year) used in the 2016v3 platform air quality modeling of 2016 and 2023. A facility-level summary for emissions at airports is also included.

In the facility comparisons, emissions totals are provided by facility for each year modeled: 2016 and 2023, while 2017, 2018, 2019, and 2020 emissions for additional context (although 2017-2020 were not modeled). Pollutants included are, NO<sub>x</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, and VOC. The state abbreviation, FIPS code, facility name, facility ID, and latitude and longitude coordinates are provided for each facility, along with control IDs, NAICS codes, and source datasets for each inventory year.

In the unit-level comparisons, emissions in short tons per year are provided for 2016 and 2023 emissions used for modeling, along with 2017, 2018, 2019, and 2020 emissions for additional context, although 2017, 2018, 2019, and 2020 were not modeled). The spreadsheet is limited to units with more than 1 tpy of emissions to keep the size manageable. The state abbreviation, FIPS code, facility name, facility ID, unit ID and latitude and longitude coordinates are provided for each unit, along with control IDs, NAICS codes, and source datasets for each inventory year. Pollutants included are CO, NO<sub>x</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, and VOC.

These spreadsheets are provided:

*point\_fac\_comparison\_16\_17\_18\_19\_20\_23fj\_23gf\_15nov2022.xlsx*

*point\_unit\_comparison\_16\_17\_18\_19\_20\_23fj\_23gf\_1tpy\_15nov2022.xlsx*

*airports\_facility\_16\_23\_comp\_26jan2023.xlsx*