



MEMORANDUM

To: CMAP Climate Committee
From: CMAP staff
Date: July 23, 2026
Subject: 2025 Regional Greenhouse Gas Inventory Update
Action Requested: Discussion

The project team will update the Climate Committee on the 2025 update of the regional greenhouse gas inventory. At the July workshop, staff will provide an overview of the project and lead a discussion about how the inventory update can best serve the region.

Project overview

Every five years, CMAP conducts its regional greenhouse gas (GHG) inventory to understand emissions in northeastern Illinois. As such, CMAP is currently developing the 2025 regional GHG inventory, updating data from the 2019, 2015, and 2010 emissions inventories. This inventory provides a summary of GHG emissions for the seven-county region of Cook, DuPage, Kane, Kendall, Lake, McHenry, and Will counties. It includes local emissions summaries for each of the region's seven counties, 284 municipalities, and 77 Chicago community areas. This inventory reflects emissions from the three most common human made GHG pollutants: carbon dioxide, methane, and nitrous oxide.

Historically, this inventory has provided emissions estimates for three sectors: stationary energy, transportation, and waste. However, this 2025 inventory update will also break out water and wastewater emissions as their own subsectors and will add agriculture emissions and emissions reductions from natural carbon sequestration. It also seeks to provide more details for different sub-sectors, such as a breakout of emissions related to different types of residential and commercial building types.

This 2025 GHG inventory update will result in a few key outputs. First and foremost, it will result in a regional inventory of 2025 greenhouse gas emissions, as well as updates to previous inventories, where needed. It will also include local summaries for the seven counties, 284 municipalities, and 77 Chicago community areas as well as the raw data. In addition to these core inventory products, there will be an emissions trend memo and a methodology report.

The project team anticipates completing data collection and analysis in late 2026, with the emissions trend memo and methodology report following shortly after. The team plans to publish the final 2025 inventory, local summaries, and raw data in early 2027.

Questions for discussion

The CMAP team seeks feedback from Climate Committee members on how this 2025 GHG inventory update can best serve their organizations' and their constituents' needs. To that end, please review these questions in advance of the discussion the committee will have during the July workshop.

- How do you plan to use this new inventory?
- What would you like to see from this inventory update?
- Do you have specific subsectors that you care most about (e.g., municipal buildings/operations)?
- As we improve our methodology and add new details, some numbers may become harder to compare directly to past inventories. How important is year-over-year comparability to you, relative to having more accurate or detailed information?
- How frequently would you like to see inventory updates moving forward?
- What format would you be most likely to engage with the inventory?

Next steps

Following the July workshop, the project team will incorporate feedback into the 2025 GHG inventory update and will plan to publish the new inventory early in 2027. A summary of how feedback shaped the inventory's direction will be included within the memo methodology.