

Update and Corrigenda Log for Greenhouse Gas Inventory and Analysis for the United States: 1990-2024

Below are two tables logging changes, one logging updates, and another logging corrigenda related issues and corrections made to the GHGIA elements since publication on 4/15/2026 (e.g. report PDFs, CSVs, etc.). The log is current through 05/26/2026. This date will be updated as the log is updated with each set of published changes.

Updates

Content	Specific Content	Location	Description of Update	Date Implemented
Report PDF	All	https://ghgi.cgs.umd.edu/reports.html	Updated report content for compliance with applicable UMD accessibility requirements and added Digital Object Identifier (DOI) number: https://doi.org/10.13016/g1xw-qftw	05/15/2026 and 5/22/2026
Report PDF	Suggested Citation	https://ghgi.cgs.umd.edu/reports.html	Updated the suggested citation listed in the front matter of the full report and individual chapter PDFs to format author names according to APA conventions	05/26/2026
Data CSVs	All	https://ghgi.cgs.umd.edu/data.html	Added README sheet to zipped chapter CSVs	05/26/2026
Data mapping guide	Crosswalk of report tables and corresponding CSVs from previous inventory (EPA (2025) to current GHGIA 2026	https://ghgi.cgs.umd.edu/data.html	Posted spreadsheet that lists table numbers and titles corresponding to the previous inventory (EPA 2025) with updated table numbers corresponding to where that information is found in tables and figures presented in GHGIA 2026 to facilitate locating data historically included in inventory reports.	05/22/2026

Corrigenda

Content	Specific Content	Location	Description of Issue/Correction	Date Implemented
Report PDF	Full Report PDF	pp. iv-xiv	Hyperlinked table of contents, including figure and table content list.	05/15/2026
Report PDF	All	-	Addressed minor formatting issues (e.g. spacing, justification, etc.)	05/15/2026
Report PDF	All	-	Removed CGS footer from all report pages	05/15/2026
Report PDF	Executive Summary and Full Report PDF	p. ES-2	Clarified text on relative impact of emissions from the land use, land use change and forest sector for consistency with Chapter 2 on "Sequestration of CO ₂ in the LULUCF sector offset the equivalent of 14.6 percent of total gross emissions in 2024 (906.5 MMT CO ₂ Eq.)."	05/15/2026
Report PDF	Executive Summary, Chapter 6 and Full Report PDFs	p. i	Author affiliation footnote was corrected from "Department of Geography" to Department of Geographical Sciences.	05/15/2026
Report PDF	Chapter 1 and Full Report PDF	p. 1-4	Corrected description of trend assessment for consistent with the 2019 Refinement to the 2006 IPCC Guidelines. The description was updated as follows on pg. 1-4: "The Approach 1 "trend" assessments, with and without LULUCF, identified additional categories: smaller sources that have trends that differ also contribute significantly from to the overall trend, including fluorochemical productions, stored carbon in croplands (e.g., soil carbon in "cropland remaining cropland"), and stored carbon in landfills (e.g., yard trimmings and food waste)."	05/15/2026
Report PDF	Chapter 2 and Full Report PDF	p. 2-20	The text was updated to correctly reference activity variable contributions: "In 1990, coal generation represented 54 percent	05/15/2026

Content	Specific Content	Location	Description of Issue/Correction	Date Implemented
			of the total CO₂ emissions net electricity generation in the United States. By 2024, that share had declined to 16 percent."	
Report PDF	Chapter 3 and Full Report PDF	See description	Added missing header label in first column of following tables: 3-17, 3-18, 3-19, 3-25, 3-26, 3-37, 3-29, 3-30, 3-31, 3-32. The headers added were either "Activity", "Factors", and "Segment."	05/15/2026
Report PDF	Chapter 3 and Full Report PDF	p. 3-9	Updated reference to correct citation from (IPCC, 2006b) to (IPCC, 2006).	05/15/2026
Report PDF	Chapter 3 and Full Report PDF	p. 3-17	Added Section 3.1.2 reference to footnote 9.	05/15/2026
Report PDF	Chapter 3 and Full Report PDF	p. 3-26	Updated formatting (i.e., updated colors for renewables and natural gas for consistency with other figures in chapter) and notes section of Figure 3-8 to ensure consistency with other figures.	05/15/2026
Report PDF	Chapter 3 and Full Report PDF	p. 3-72	Cleaned up the formatting of Table 3-39	05/15/2026
Report PDF	Chapter 3 and Full Report PDF	pp. 3-75 - 3-77	Cleaned up the formatting of Table 3-43	05/15/2026
Report PDF	Chapter 4 and Full Report PDF	Table 4-1 (pp. 4-2 to 4-4)	Data in the GHG-specific emission subtotal and total rows were correctly formatted in bold to differentiate from category-specific emission values.	05/15/2026
Report PDF	Chapter 4 and Full Report PDF	Table 4-50 (p. 4-54)	Corrected typographical error, i.e. table footnote for "+" now includes decimal rather than comma in 0.05.	05/15/2026
Report PDF	Chapter 5 and Full Report PDF	p. 5-1	Corrected typographical error in third paragraph "...but also the largest source of CH ₄ in the <i>Greenhouse Gas Inventory and Analysis for the United States (GHGIA)</i> accounting for 26.8 percent..."	05/15/2026

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Report PDF	Chapter 5 and Full Report PDF	p. 5-2	Corrected a typographical error in the third paragraph "Rice cultivation represents a smaller agricultural agriculture source category..."	05/15/2026
Report PDF	Chapter 5 and Full Report PDF	p. 5-5	Corrected typographical error in second paragraph "...especially for significant categories such as CH ₄ emissions from livestock and N ₂ O emissions from agricultural soil management; to the extent practicable."	05/15/2026
Report PDF	Chapter 5 and Full Report PDF	p. 5-6	Addressed grammatical errors in third paragraph of 5.1 Enteric Fermentation section. Should be: "Dairy cattle enteric fermentation emissions also declined in 2024 relative to 2023 (0.9 percent decrease), and while trends..."	05/15/2026
Report PDF	Chapter 5 and Full Report PDF	p. 5-7	Made a correction to the last sentence of the Methods section to improve accuracy of this statement "Cattle populations were then multiplied by implied emission factors for each cattle subcategory, resulting in a national estimate of CH ₄ emitted annually per head of cattle from cattle enteric fermentation.	05/15/2026
Report PDF	Chapter 5 and Full Report PDF	p. 5-13	Quotation marks were added around "Simplified Approach" in the last paragraph to standardize the reference to this methodology described in EPA (2025) across the enteric fermentation and manure management sections of the report.	05/15/2026
Report PDF	Chapter 5 and Full Report PDF	p. 5-15	Corrected two typographical errors in the second and third paragraphs: "Most farmers in these states apply fertilizers and, in Texas..." "...with approximately the same amount of rice area being planted during those 2-two years..."	05/15/2026
Report PDF	Chapter 5 and Full Report PDF	p. 5-18	Corrected a typographical error in the first sentence "...a process-based model that tracks carbon and nitrogen dynamics through a mass-balance d approach..."	05/15/2026
Report PDF	Chapter 6 and Full Report PDF	p. 6-68	Corrected a typographical error in the footnote to Table 6-37 "+ Does not exceed 0.5 kt CH₄ MT CO₂ Eq. "	05/15/2026

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Report PDF	Chapter 6 and Full Report PDF	Table 6-6 (p. 6-19)	Removed bolding of emission sources under first column (i.e., removed bolding from source labels for "Fires-CONUS and HI" and "Fires-AK").	05/15/2026
Report PDF	Chapter 6 and Full Report PDF	p. 6-17	Corrected fourth bullet under section 6.2.1 to say "Emissions from Drained Organic Soils on Forest Land (CH ₄ , N ₂ O)"	05/15/2026
Report PDF and data CSVs	Chapter 9 PDF, Full Report PDF and corresponding data CSVs	Figures 9-4, 9-5, 9-6, 9-7 (pp. 9-4 to 9-8)	Corrected chart titles to remove "(Absolute Change)" from chart titles in full report PDF, individual chapter PDF and associated data CSVs.	05/15/2026
Report PDF	Chapter 9 and Full Report PDF	p. 9-8	Corrected typographical error under section 9.3: "In this GHGIA, improvement areas are noted in the introduction to each sectoral chapter. This section will be updated in future Inventories to summarize notable improvement plans and updates in responses to reviews."	05/15/2026
Report PDF	Chapter 9 and Full Report PDF	p. 9-4	Addressed inconsistent figure sizing on page for Figures 9-3 and 9-4.	05/15/2026
Report PDF	Reference sections in Chapter 3 and Chapter 7 PDF	3-78; 7-21	Added reference chapeau text consistent with other chapters.	05/15/2026
Report PDF	Reference sections in Chapters 4, 5, 6, and Full Report PDF	p. 4-79; 5-29; 6-98	Standardized the section header for "[Sector] Chapter Upfront Section" in the References sections of the IPPU, Agriculture, and LULUCF chapters.	05/15/2026

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Report PDF	Chapters 4, 5, 6, and Full Report PDF	Tables 4-65, 5-16, 6-45 (p. 4-76, 5-28, 6-85)	Standardized the table titles for sector-wide uncertainty estimates to "Quantitative Uncertainty Summary by [Sector] Sector Source" for the IPPU, Agriculture, and LULUCF chapters.	05/15/2026