

Approximated estimates for greenhouse gas emissions, 2023

The Governance Regulation ((EU) 2018/1999) requires Member States to annually report approximated greenhouse gas inventories by 31 July. A Union approximated greenhouse gas inventory is annually compiled on the basis of the Member States' approximated greenhouse gas inventories or, if a Member State has not communicated its approximated inventories by that date, on the basis of own estimates.

Simple

Date (Creation)	2024-10-01T16:59:45+00:00				
Date (Publication)	2024-10-30T16:59:45+00:00				
Citation identifier	eea_t_ghg-emissions-proxy_p_2023_v01_r00				
Citation identifier	DAT-205-en				
Citation identifier	approximated-estimates-for-greenhouse-gas-emissions-3				
Code	10.2909/e7492c9b-fe32-490e-bc4a-34571f178e11				
Purpose	Gg CO2 equivalent				
Point of contact	Organisation name	Individual name	Electronic mail address	Website	Role
	European Environment Agency				Point of contact
	European Environment Agency			http://www.eea.europa.eu/organization	Publisher
	European Topic Centre on Climate Change Mitigation and Energy (ETC/CME)			https://www.eionet.europa.eu/etcs/etc-cme	Processor

Point of contact

No information provided.

Point of contact

No information provided.

Maintenance and update frequency	Annually
Reporting obligations	<ul style="list-style-type: none"> Approximated greenhouse gas inventories - GovReg
EEA Management Plan	<ul style="list-style-type: none"> 2024 2.2.2
EEA topics	<ul style="list-style-type: none"> Climate mitigation
Keywords	
Keywords	
GEMET	<ul style="list-style-type: none"> greenhouse gas emissions emission inventory anthropogenic greenhouse gas
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> Italy Hungary

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Access constraints	Other restrictions		
Other constraints	No limitations to public access		
Language of dataset	English		
Topic category	<ul style="list-style-type: none"> • Environment 		
Begin date	2023-01-01		
End date	2023-12-31		
Additional Information	This current data set concerns the EEA 2022 GHG proxies. The GHG proxy data for 2022 is presented for each MS and for the EU as a whole, and by category and gas. The data as submitted by the MS is provided, and in the cases where this has not been provided, own estimates have been made.		
Distribution format	<ul style="list-style-type: none"> • Microsoft Excel (.xls, .xlsx) () 		
OnLine resource	Protocol	Linkage	Name
	EEA:FOLDERPATH	https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_ghg-emissions-proxy_p_2023_v01_r00/	
	WWW:URL	https://sdi.eea.europa.eu/data/e7492c9b-fe32-490e-bc4a-34571f178e11	Direct download
	WWW:LINK-1.0-http--link	https://www.eea.europa.eu/en/analysis/indicators/total-greenhouse-gas-emission-trends	EEA Indicator: Total net greenhouse gas emission trends and projections in Europe
	WWW:LINK-1.0-http--link	https://www.eea.europa.eu/en/analysis/indicators/progress-towards-national-greenhouse-gas	EEA Indicator: Progress towards national

WWW:LINK-1.0-http--link	https://www.eea.europa.eu/en/analysis/indicators/greenhouse-gas-emissions-under-the	greenhouse gas emissions targets in Europe EEA Indicator: Greenhouse gas emissions under the EU Emissions Trading System
WWW:LINK-1.0-http--link	https://www.eea.europa.eu/en/analysis/indicators/greenhouse-gas-emissions-from-transport	EEA Indicator: Greenhouse gas emissions from transport in Europe
WWW:LINK-1.0-http--link	https://www.eea.europa.eu/en/analysis/indicators/greenhouse-gas-emission-intensity-of-1	EEA Indicator: Greenhouse gas emission intensity of electricity generation in Europe
WWW:LINK-1.0-http--link	https://www.eea.europa.eu/en/analysis/indicators/greenhouse-gas-emissions-from-agriculture	EEA Indicator: Greenhouse gas emissions from agriculture in Europe
WWW:LINK-1.0-http--link	https://www.eea.europa.eu/en/analysis/indicators/greenhouse-gas-emissions-from-land	EEA Indicator: Greenhouse gas emissions from land use, land use change and forestry in Europe
WWW:LINK-1.0-http--link	https://www.eea.europa.eu/en/analysis/indicators/greenhouse-gas-emissions-from-energy	EEA Indicator: Greenhouse gas emissions from energy use in buildings in Europe

OnLine resource

No information provided.

OnLine resource	Protocol DOI	Linkage https://doi.org/10.2909/e7492c9b-fe32-490e-bc4a-34571f178e11	Name
Hierarchy level	Dataset		

Statement

Dataset based on MS submissions, EEA estimates and Member States consultation under the EU Governance Regulation ((EU) 2018 /1999).

Member States annually provide approximated greenhouse gas inventories. If a Member State does not provide its approximated greenhouse gas inventory, own estimates are made. The submission date for approximated inventories is 31 July.

Metadata

File identifier	e7492c9b-fe32-490e-bc4a-34571f178e11 XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Tabular dataset		
Hierarchy level name	Tabular dataset		
Date stamp	2024-10-30T15:22:58.897041Z		
Metadata standard name	ISO 19115:2003/19139		
Metadata standard version	1.0		
Metadata author	<p>Organisation name</p> <p>European Environment Agency</p>	<p>Individual name</p>	<p>Electronic mail address</p> <p>sdi@eea.europa.eu</p> <p>Website Role</p> <p>Point of contact</p>

Overviews

Internal code for this file	Column	Row	Unit	Emissions - MS [kt]	Emissions - EEA [kt]	Emissions with notation key [kt]	Emissions	Notation key	Source	Description text
9100_NO_2022_Total_I44	J	13	Gg CO2 equivalent	3045,66209	3045,66209	3,046,66	3,046,66		MS data	4. Other sectors
9101_NO_2022_Total_I45	J	14	Gg CO2 equivalent	91,01041	91,01041	91,01	91,01		MS data	5. Other
9102_NO_2022_Total_I46	J	15	Gg CO2 equivalent	2163,03456	2149,46332	2,149,46	2,149,46	EEA	EEA	B. Fugitive emissions from fuels
9103_NO_2022_Total_I47	J	16	Gg CO2 equivalent	78,19521	78,19521	78,20	78,20		MS data	1. Solid fuels
9104_NO_2022_Total_I48	J	17	Gg CO2 equivalent	2071,26811	2071,26811	2,071,27	2,071,27		MS data	2. Oil and natural gas
9105_NO_2022_Total_I49	J	18	Gg CO2 equivalent	13,57124	13,57124	13,57	13,57		MS data	C. CO2 transport and storage
9106_NO_2022_Total_I50	J	19	Gg CO2 equivalent	9117,15779	9117,15779	9,117,16	9,117,16		MS data	2. Industrial processes and product use
9107_NO_2022_Total_I51	J	20	Gg CO2 equivalent	986,18275	986,18275	986,18	986,18		MS data	A. Mineral industry
9108_NO_2022_Total_I52	J	21	Gg CO2 equivalent	1933,42834	1933,42834	1,933,43	1,933,43		MS data	B. Chemical industry
9109_NO_2022_Total_I53	J	22	Gg CO2 equivalent	5274,71561	5274,71561	5,274,72	5,274,72		MS data	C. Metal industry
9110_NO_2022_Total_I54	J	23	Gg CO2 equivalent	105,18825	105,18825	105,19	105,19		MS data	D. Non-energy products from fuels and solvent use
9111_NO_2022_Total_I55	J	24	Gg CO2 equivalent	1,175	1,175	1,18	1,18		MS data	E. Electronic industry
9112_NO_2022_Total_I56	J	25	Gg CO2 equivalent	628,42269	628,42269	628,42	628,42		MS data	F. Product uses as ODS substitutes
9113_NO_2022_Total_I57	J	26	Gg CO2 equivalent	75,93334	75,93334	75,93	75,93		MS data	G. Other product manufacture and use
9114_NO_2022_Total_I58	J	27	Gg CO2 equivalent	112,49118	112,49118	112,49	112,49		MS data	H. Other
9115_NO_2022_Total_I59	J	28	Gg CO2 equivalent	4605,18863	4605,18863	4,605,19	4,605,19		MS data	I. Agriculture
9116_NO_2022_Total_I60	J	29	Gg CO2 equivalent	2516,56113	2516,56113	2,516,56	2,516,56		MS data	A. Enteric fermentation
9117_NO_2022_Total_I61	J	30	Gg CO2 equivalent	539,54894	539,54894	539,55	539,55		MS data	B. Manure management
9118_NO_2022_Total_I62	J	31	Gg CO2 equivalent	NO	NO	NO	NO		MS data	C. Rice cultivation
9119_NO_2022_Total_I63	J	32	Gg CO2 equivalent	1423,05072	1423,05072	1,423,05	1,423,05		MS data	D. Agricultural soils
9120_NO_2022_Total_I64	J	33	Gg CO2 equivalent	NO	NO	NO	NO		MS data	E. Prescribed burning of savannas
9121_NO_2022_Total_I65	J	34	Gg CO2 equivalent	4,28947	4,28947	4,29	4,29		MS data	F. Field burning of agricultural residues
9122_NO_2022_Total_I66	J	35	Gg CO2 equivalent	121,56184	121,56184	121,56	121,56		MS data	G. Liming

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