

Approximated estimates for greenhouse gas emissions, 2022

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

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Purpose	Gg CO2 equivalent				
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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.

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"> 2023 2.2.1
EEA topics	<ul style="list-style-type: none"> Climate mitigation
Keywords	
Keywords	
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> Hungary Finland Bulgaria Belgium France Norway Denmark Switzerland Ireland Greece

	<ul style="list-style-type: none"> • Slovakia • Austria • Lithuania • Germany • Sweden • Estonia • Cyprus • Poland • Croatia • Latvia • Malta • Czechia • Netherlands • Italy • Portugal • Slovenia • Luxembourg • Iceland • Romania • Spain 																		
Use limitation	EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged (http://www.eea.europa.eu/legal/copyright). Copyright holder: Directorate-General for Environment (DG ENV).																		
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	2022-01-01																		
End date	2022-12-31																		
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	<table border="1"> <thead> <tr> <th>Protocol</th> <th>Linkage</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>EEA:FOLDERPATH</td> <td>https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_ghg-emissions-proxy_p_2022_v01_r00/</td> <td></td> </tr> <tr> <td>WWW:URL</td> <td>https://sdi.eea.europa.eu/data/f86e5d0e-fb08-46ae-9cb9-e5338a2174dc</td> <td>Direct download</td> </tr> <tr> <td>WWW:LINK-1.0-http--link</td> <td>https://www.eea.europa.eu/en/analysis/indicators/total-greenhouse-gas-emission-trends</td> <td>EEA Indicator: Total net greenhouse gas emission trends and projections in Europe</td> </tr> <tr> <td>WWW:LINK-1.0-http--link</td> <td>https://www.eea.europa.eu/en/analysis/indicators/progress-towards-national-greenhouse-gas</td> <td>EEA Indicator: Progress towards national greenhouse gas emissions targets in Europe</td> </tr> <tr> <td>WWW:LINK-1.0-http--link</td> <td>https://www.eea.europa.eu/en/analysis/indicators/greenhouse-gas-emissions-under-the</td> <td>EEA Indicator:</td> </tr> </tbody> </table>	Protocol	Linkage	Name	EEA:FOLDERPATH	https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_ghg-emissions-proxy_p_2022_v01_r00/		WWW:URL	https://sdi.eea.europa.eu/data/f86e5d0e-fb08-46ae-9cb9-e5338a2174dc	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 greenhouse gas emissions targets in Europe	WWW:LINK-1.0-http--link	https://www.eea.europa.eu/en/analysis/indicators/greenhouse-gas-emissions-under-the	EEA Indicator:
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EEA:FOLDERPATH	https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_ghg-emissions-proxy_p_2022_v01_r00/																		
WWW:URL	https://sdi.eea.europa.eu/data/f86e5d0e-fb08-46ae-9cb9-e5338a2174dc	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 greenhouse gas emissions targets in Europe																	
WWW:LINK-1.0-http--link	https://www.eea.europa.eu/en/analysis/indicators/greenhouse-gas-emissions-under-the	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.

Hierarchy level	Dataset
Statement	<p>Dataset based on MS submissions, EEA estimates and Member States consultation under the Eu Governance Regulation ((EU) 2018 /1999).</p> <p>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.</p>

Metadata

File identifier	f86e5d0e-fb08-46ae-9cb9-e5338a2174dc XML
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Hierarchy level name	Tabular dataset		
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Overviews

1	A	J	K	L	M	N	O	P	Q	R	S
1	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_1A4	J	13	Gg CO2 equivalent	3046,66209	3046,66209	3 046,66	3 046,66		MS data	4. Other sectors
9101	NO_2022_Total_1A5	J	14	Gg CO2 equivalent	91,01041	91,01041	91,01	91,01		MS data	5. Other
9102	NO_2022_Total_1B	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_1B1	J	16	Gg CO2 equivalent	78,19521	78,19521	78,20	78,20		MS data	1. Solid fuels
9104	NO_2022_Total_1B2	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_1C	J	18	Gg CO2 equivalent	13,57124	13,57124	13,57	13,57		MS data	C. CO2 transport and storage
9106	NO_2022_Total_2	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_2A	J	20	Gg CO2 equivalent	986,18275	986,18275	986,18	986,18		MS data	A. Mineral industry
9108	NO_2022_Total_2B	J	21	Gg CO2 equivalent	1933,42834	1933,42834	1 933,43	1 933,43		MS data	B. Chemical industry
9109	NO_2022_Total_2C	J	22	Gg CO2 equivalent	5274,71561	5274,71561	5 274,72	5 274,72		MS data	C. Metal industry
9110	NO_2022_Total_2D	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_2E	J	24	Gg CO2 equivalent	1,179	1,179	1,18	1,18		MS data	E. Electronic industry
9112	NO_2022_Total_2F	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_2G	J	26	Gg CO2 equivalent	75,55334	75,55334	75,55	75,55		MS data	G. Other product manufacture and use
9114	NO_2022_Total_2H	J	27	Gg CO2 equivalent	112,4918	112,4918	112,49	112,49		MS data	H. Other
9115	NO_2022_Total_3	J	28	Gg CO2 equivalent	4605,18863	4605,18863	4 605,19	4 605,19		MS data	3. Agriculture
9116	NO_2022_Total_3A	J	29	Gg CO2 equivalent	2516,56313	2516,56313	2 516,56	2 516,56		MS data	A. Enteric fermentation
9117	NO_2022_Total_3B	J	30	Gg CO2 equivalent	539,54894	539,54894	539,55	539,55		MS data	B. Manure management
9118	NO_2022_Total_3C	J	31	Gg CO2 equivalent	NO	NO	NO	NO		MS data	C. Rice cultivation
9119	NO_2022_Total_3D	J	32	Gg CO2 equivalent	1423,05072	1423,05072	1 423,05	1 423,05		MS data	D. Agricultural soils
9120	NO_2022_Total_3E	J	33	Gg CO2 equivalent	NO	NO	NO	NO		MS data	E. Prescribed burning of savannas
9121	NO_2022_Total_3F	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_3G	J	35	Gg CO2 equivalent	121,56184	121,56184	121,56	121,56		MS data	G. Liming

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