
Dataset Information:

| Title | Agriculture Total |
|------------------------------|---|
| Abstract | Agriculture Total contains all the emissions produced in the different agricultural emissions sub-domains, providing a picture of the contribution to the total amount of GHG emissions from agriculture. GHG emissions from agriculture consist of non-CO ₂ gases, namely methane (CH ₄) and nitrous oxide (N ₂ O), produced by crop and livestock production and management activities. Computed at Tier 1 following IPCC Guidelines for National GHG Inventories; available by country, with global coverage and relative to the period 1990 onwards, with annual updates. |
| Supplemental | <p>This domain contains data on GHG emissions and shares on the total GHG emissions from the different agricultural sub-domains.</p> <p>The FAOSTAT Emissions data are estimates by FAO and do not coincide with GHG data reported by member countries to UNFCCC. The database is intended primarily as a service to help member countries assess and report their emissions, as well as a useful international benchmark. The FAOSTAT Emissions data are disseminated publicly to facilitate continuous feedback from member countries.</p> |
| Creation Date | 2012 |
| Last Update | 2013 |
| Data Type | Climate Change - Greenhouse Gases |
| Category | Environment |
| Time Period | 1990 onwards |
| Periodicity | Annual |
| Geographical Coverage | World |
| Spatial Unit | Country |
| Language | Multilingual (EN, FR, ES) |

Methodology and Quality Information:

| | |
|-------------------------------|--|
| Methods and processing | <p>Agriculture Total contains all the emissions produced in the different agricultural emissions sub-domains. GHG emissions from agriculture consist of non-CO₂ gases, namely methane (CH₄) and nitrous oxide (N₂O), produced by aerobic and anaerobic decomposition processes in crop and livestock production and management activities. Computed at Tier 1 following IPCC Guidelines for National GHG Inventories.</p> <p>Agriculture Total contains total GHG emissions, and aggregated GHG emissions for each greenhouse gases (CH₄, N₂O), expressed in CO₂ equivalents. Total agricultural emissions include the following sub-domains:</p> <ul style="list-style-type: none">• Enteric fermentation (CH₄)• Manure management (CH₄, N₂O)• Rice cultivation (CH₄)• Synthetic fertilizers (N₂O)• Manure applied to soils (N₂O)• Manure applied to pastures (N₂O)• Crop residues (N₂O)• Organic soils (N₂O)• Burning-crop residues (CH₄, N₂O)• Burning-savanna (CH₄, N₂O)• Energy Use (CO₂, CH₄, N₂O) <p>The methodologies followed for the estimations are described under the respective sub-domains.</p> <p>Agriculture Total contains country-level GHG emissions available for download, provided as total amounts in Gg CO₂eq and as share on the total GHG emissions from the</p> |
|-------------------------------|--|

| | |
|-------------------------------|---|
| | agricultural sector (in percentage), by sub-domain and by aggregated sub-domains. Data are available for all countries and territories, as well as for standard FAOSTAT regional aggregations, plus Annex I and non-Annex I groups. The data period is 1990 onwards, with annual updates. |
| Data Collection Method | Computed |
| Completeness | 100% |
| Links | www.fao.org/climatechange/micca/ghg/ www.ipcc-nggip.iges.or.jp/public/ |

Distribution Information:

| | |
|-------------------------|--|
| Owner | FAO |
| Provider | FAO |
| Source | FAO |
| Copyright Policy | <p>Content on www.fao.org, its affiliated websites and specific pages (collectively "the FAO website") is protected by copyright. To ensure wide dissemination of its information, FAO is committed to making its content freely available and encourages the use, reproduction and dissemination of the text, multimedia and data products presented. Except where otherwise indicated, content may be copied, printed and downloaded for private study, research and teaching purposes, or for use in non-commercial products or services, provided that appropriate acknowledgement of FAO as the source and copyright holder is given and that FAO's endorsement of users' views, products or services is not stated or implied in any way. FAO encourages unrestricted use of news releases provided on the FAO website, and no formal permission is required to reproduce these materials.</p> <p>All requests for translation and adaptation rights, and for resale and other commercial use rights should be addressed to copyright@fao.org or submitted via the online Licence Request Form when downloading.</p> |
| Citation | FAO, 2013. FAOSTAT Emissions Database http://faostat.fao.org/ |
| Acknowledgements | The FAOSTAT Emissions database was produced by the FAO Monitoring and Assessment of Greenhouse Gas Emissions and Mitigation Potential in Agriculture project (MAGHG), with generous funding from the Governments of Norway and Germany, trust funds GCP/GLO/286/GER and GCP/GLO/325/NOR. |