
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 1990-2010, 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	2012
Data Type	Climate Change - Greenhouse Gases
Category	Environment
Time Period	1990 - 2010
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)• Cultivated organic soils (N₂O)• Burning crop residues (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 agricultural sector (in percentage), by sub-domain and by aggregated sub-domains. Data is available for 220 individual countries and territories, as well as for standard FAOSTAT</p>
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	regional aggregations, plus Annex I and non-Annex I groups. The data period is 1990-2010, with annual updates.
Data Collection Method	Computed
Completeness	100%
Links	www.fao.org/climatechange/micca/ghg/ www.ipcc-nggip.iges.or.jp/public/

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Citation	FAOSTAT, 2012. FAOSTAT Emissions Database. www.faostat.fao.org
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