

Statistics for the SDGs - global indicators



Name of the indicator	13.2.2 Total greenhouse gas emissions per year
Sustainable Development Goal	Goal 13. Climate action
Target	13.2 Integrate climate change measures into national policies, strategies and planning
Definition	Total greenhouse gas emissions including carbon dioxide (CO ₂), methane (CH ₄), nitrous oxide (N ₂ O), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), sulfurhexafluoride (SF ₆) and nitrogen trifluoride (NF ₃).
Unit	kt CO ₂ equivalent
Available dimensions	total
Methodological explanations	Total greenhouse gas emissions from anthropogenic sources, calculated as total emissions of carbon dioxide (CO ₂), methane (CH ₄), nitrous oxide (N ₂ O), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), sulfurhexafluoride (SF ₆) and nitrogen trifluoride (NF ₃) expressed in CO ₂ equivalents by means of common weight coefficients, so-called Global Warming Potential (GWP). In the conversion of individual greenhouse gas emissions to CO ₂ equivalent, GWP coefficients from the IPCC Fifth Assessment Report (AR5) for a 100-year time horizon are used.
Data source	The National Centre for Emissions Management – National Research Institute
Data availability	Annual data; since 2010.
Notes	Data is reported annually for the whole series from 1988 and it may undergo change (recalculation). Data excludes emission and absorption from the land use, change of land use and forestry sector.
Data updated on	28-02-2025
Metadata updated on	28-02-2025