

Who Reports?

The Greenhouse Gas Reporting Program (GHGRP) requires reporting of greenhouse gas (GHG) data and other relevant information from large sources and suppliers in the United States. The GHGRP required certain industries to monitor and report data on their activities beginning in 2010. Other industries were required to begin collecting data during 2011.

There are three types of reporters under the GHGRP: direct emitters, suppliers and facilities that inject CO2 underground. Direct emitters are entities that emit GHGs directly from their facilities as a result of combustion or processing onsite. Suppliers are facilities or entities that supply certain products (e.g., fossil fuels or certain industrial gases) into the economy that, when combusted, released, or oxidized, result in GHG emissions. The emissions do not take place at the suppliers' reporting location. CO2 injection facilities report the quantity of CO2 received for injection, including for use in enhanced oil and gas recovery.

Under the GHGRP, direct emitters, suppliers and facilities that inject CO2 underground are categorized by specific industry types, or source categories. The tables below outline the industrial sectors, source categories, and Part 98 (Greenhouse Gas Reporting Rule) subparts for all direct emitters, suppliers and CO2 injection facilities that are required to report under the GHGRP. The tables also include the first year the source category was required to report data and the various thresholds above which reporting is required. Additional information from each sector, including the total number of reporters and total emissions, are available here: <http://www.epa.gov/ghgreporting/ghgrp-reported-data>.

Direct Emitters

Sector	Source Category	Part 98 Subpart	Reporting Threshold	First Year of Reporting
Power Plants	Power Plants	Electricity Generation - Subpart D	All-in	2010
		Stationary Combustion - Subpart C / U *	Emit 25,000 metric tons CO2e per year	2010
Petroleum and Natural Gas Systems	Offshore Petroleum & Natural Gas Production	Petroleum and Natural Gas Systems - Subpart W	Emit 25,000 metric tons CO2e per year	2011
	Onshore Petroleum & Natural Gas Production			
	Natural Gas Processing			
	Natural Gas Transmission /Compression			
	Underground Natural Gas Storage			
	Liquefied Natural Gas Storage			
	Liquefied Natural Gas Imp. /Exp. Equipment			
	Natural Gas Local Distribution Companies			
	Natural Gas Transmission Pipelines			2016
	Onshore Gathering & Boosting			2016
	Other Petroleum and Natural Gas Systems	Stationary Combustion - Subpart C		2010
Refineries	Refineries	Petroleum Refineries - Subpart Y	All-in	2010
	Adipic Acid Production	Adipic Acid Production - Subpart E	All-in	2010
	Ammonia Manufacturing	Ammonia Manufacturing - Subpart G	All-in	2010
	Fluorinated GHG Production	Fluorinated Gas Production - Subpart L	Emit 25,000 metric tons CO2e per year	2011

Chemicals	HCFC-22 Production from HFC-23 Destruction	HCFC-22 Production from HFC-23 Destruction - Subpart O	All-in	2010
	Hydrogen Production	Hydrogen Production - Subpart P	Emit 25,000 metric tons CO2e per year	2010
	Nitric Acid Production	Nitric Acid Production - Subpart V	All-in	2010
	Petrochemical Production	Petrochemical Production - Subpart X	All-in	2010
	Phosphoric Acid Production	Phosphoric Acid Production - Subpart Z	All-in	2010
	Silicon Carbide Production	Silicon Carbide Production - Subpart BB	All-in	2010
	Titanium Dioxide Production	Titanium Dioxide Production - Subpart EE	All-in	2010
	Other Chemicals	Stationary Combustion - Subpart C / U *	Emit 25,000 metric tons CO2e per year	2010
Other	Use of Electrical Equipment	Use of Electric Transmission and Distribution Equipment - Subpart DD	Total nameplate capacity of SF6 and PFC containing equipment > 17,820 pounds	2011
	Underground Coal Mines	Underground Coal Mines - Subpart FF	Liberate 36,500,000 actual cubic feet CH4 per year	2011
	Electronics Manufacturing	Electronics Manufacturing - Subpart I	Emit 25,000 metric tons CO2e per year	2011
	Electrical Equipment Manufacturers	Manufacture of Electric Transmission and Distribution Equipment - Subpart SS	Combined purchases of SF6 and PFCs exceeding 23,000 lbs. per year	2011
	Ethanol Production	Stationary Combustion - Subpart C / U *	Emit 25,000 metric tons CO2e per year	2010
	Food Processing			2010
	Manufacturing			2010
	Military			2010
	Other			2010
	Universities			2010
	MSW Landfills	MSW Landfills - Subpart HH	Generate CH4 25,000 metric tons CO2e per year	2010
	Industrial Landfills	Industrial Landfills - Subpart TT	Emit CH4 25,000 metric tons CO2e per year	2011

Waste	Waste Water Treatment	Industrial Wastewater Treatment - Subpart II	Petroleum refineries, pulp and paper manufacturing, ethanol production and food processing facilities that generate > 25,000 metric tons CO ₂ per year and operate an anaerobic process to treat industrial wastewater and/or industrial wastewater treatment sludge.	2011
	Solid Waste Combustion	Stationary Combustion - Subpart C / U *	Emit 25,000 metric tons CO ₂ e per year	2010
Metals	Aluminum Production	Aluminum Production - Subpart F	All-in	2010
	Ferroalloy Production	Ferroalloy Production - Subpart K	Emit 25,000 metric tons CO ₂ e per year	2010
	Iron and Steel Production	Iron and Steel Production - Subpart Q	Emit 25,000 metric tons CO ₂ e per year	2010
	Lead Production	Lead Production - Subpart R	Emit 25,000 metric tons CO ₂ e per year	2010
	Magnesium	Magnesium Production - Subpart T	Emit 25,000 metric tons CO ₂ e per year	2011
	Zinc Production	Zinc Production - Subpart GG	Emit 25,000 metric tons CO ₂ e per year	2010
	Other Metals	Stationary Combustion - Subpart C / U *	Emit 25,000 metric tons CO ₂ e per year	2010
Minerals	Cement Production	Cement Production - Subpart H	All-in	2010
	Glass Production	Glass Production - Subpart N	Emit 25,000 metric tons CO ₂ e per year	2010
	Lime Manufacturing	Lime Manufacturing - Subpart S	All-in	2010
	Soda Ash Production	Soda Ash Production - Subpart CC	All-in	2010
	Other Minerals	Stationary Combustion - Subpart C / U *	Emit 25,000 metric tons CO ₂ e per year	2010
Pulp & Paper	Pulp and Paper Production	Pulp & Paper Production - Subpart AA	Emit 25,000 metric tons CO ₂ e per year	2010
	Other Paper Producers	Stationary Combustion - Subpart C / U *	Emit 25,000 metric tons CO ₂ e per year	2010

* Stationary combustion emissions reported under subpart C and Subpart U are distributed across multiple sectors and

Suppliers

Sector	Source Category	Part 98 Subpart	Reporting Threshold	First year of Reporting
Natural Gas Suppliers	Natural Gas Local Distribution Companies	Suppliers of Natural Gas and Natural Gas Liquids - Subpart NN	Deliver 460 million cubic feet per year	2010
	Natural Gas Liquids Fractionators		All-in	
Industrial Gas Suppliers	Producers	Suppliers of Industrial Greenhouse Gases - Subpart OO	All-in	2010
	Importers		Import 25,000 metric tons CO ₂ e per year	
	Exporters		Export 25,000 metric tons CO ₂ e per year	
Suppliers of CO ₂	Producers	Suppliers of Carbon Dioxide - Subpart PP	All-in	2010
	Importers		Import 25,000 metric tons CO ₂ e per year	
	Exporters		Export 25,000 metric tons CO ₂ e per year	
Equipment Pre-Charged with Fluorinated GHGs	Importers	Imports and Exports of Equipment Pre-charged with Fluorinated GHGs or Containing Fluorinated GHGs in Closed-cell Foams - Subpart QQ	Import 25,000 metric tons CO ₂ e per year	2011
	Exporters		Export 25,000 metric tons CO ₂ e per year	
Petroleum Product Suppliers	Refiner	Suppliers of Petroleum Products - Subpart MM	All-in	2010
	Importer		Import 25,000 metric tons CO ₂ e per year	
	Exporter		Export 25,000 metric tons CO ₂ e per year	
Coal-based Liquid Fuel Suppliers	Producers	Suppliers of Coal-based Liquid Fuels - Subpart LL	All-in	2010
	Importers		Import 25,000 metric tons CO ₂ e per year	
	Exporters		Export 25,000 metric tons CO ₂ e per year	

CO₂ Injectors

Sector	Source Category	Part 98 Subpart	Reporting Threshold	First Year Reporting
Injectors	Injection of CO ₂	Injection of Carbon Dioxide - Subpart UU	All-in	2011
	Geologic Sequestration	Geologic Sequestration of Carbon Dioxide - Subpart RR	All-in	2011