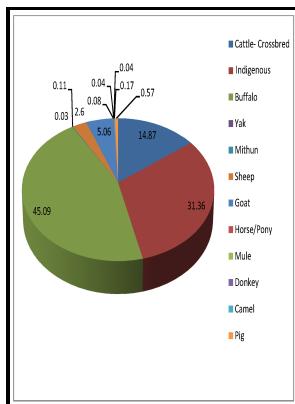


# Greenhouse gases and animal agriculture

Elsevier - EU's farm animals 'produce more emissions than cars and vans combined'



Description: -

- Manures -- Congresses.

Methane -- Metabolism -- Congresses.

Animal industry -- Environmental aspects -- Congresses.

Livestock -- Ecology -- Congresses.

Greenhouse gases -- Congresses. Greenhouse gases and animal agriculture

-Greenhouse gases and animal agriculture

Notes: Includes bibliographical references and index.

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## Agriculture and Greenhouse Gas Emissions

Greenhouse gas emissions from homes and businesses vary from year to year often correlated with seasonal fluctuations in energy use caused primarily by weather conditions. In addition, using biological feedstocks such as energy crops or wood for purposes such as electricity generation, as inputs to processes that create liquid fuels, or as building materials can lead to emissions or sequestration. Total residential and commercial greenhouse gas emissions, including direct and indirect emissions, in 2019 have increased by 3 percent since 1990.

## Animal Agriculture and Its Negative Impact on Climate Change

A whopping 77 percent of agricultural land is dedicated to raising animals, including grazing and the land used to grow their feed, including vast monocrops of species like corn and soy.

## The Role of Animal Agriculture on Greenhouse Gas Emissions

Here in the United States, there are six major contributors to greenhouse gas emissions: Transportation 28% of total emissions , electricity production 27% of total emissions , industry processes and burning fossil fuels 22% of total emissions , land use and forestry 12% of total emissions , and agriculture 10% of total emissions.

## Animal Agriculture Contributes To 87% Of Greenhouse Gas Emissions

Percentages may not add up to 100% due to independent rounding. When carbon released from fossil fuel burning is released into the atmosphere, it binds with oxygen and forms carbon dioxide and begins trapping heat in the atmosphere. The table shown below provides some examples of opportunities for both reducing emissions and enhancing sinks.

## The Role of Animal Agriculture on Greenhouse Gas Emissions

The ease of adopting these diets is not the same for everyone, however.

## The Role of Animal Agriculture on Greenhouse Gas Emissions

Why are climate change and GHG important for agriculture? Efforts to decrease emissions While there is much work to be done to reduce emissions from the above-mentioned sectors, there are various activities in progress to reduce emissions from land and crops, livestock, and manure management. All emission estimates from the Reducing Emissions from Transportation There are a variety of opportunities to reduce greenhouse gas emissions associated with transportation.

### **Agriculture and Greenhouse Gas Emissions**

Land used for any type of agriculture — be it livestock or crops meant for people or animals — is brought under cultivation by clearing forests and grasslands, which are carbon sinks due to their abilities to absorb carbon. Emissions and Trends Since 1990, gross U.

### **The Role of Animal Agriculture on Greenhouse Gas Emissions**

Greenhouse gas emissions from agriculture have increased by 10. For comparison, a small car is likely to weigh a little more than 1 metric ton. IPCC Intergovernmental Panel on Climate Change.

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