

Chemical products



EEIO-IDA United States Base Case Results | version 1.0 (September 2023)

Total Emissions (2018)

Scope 1 & 2

Scope 1, 2 & 3

310

392

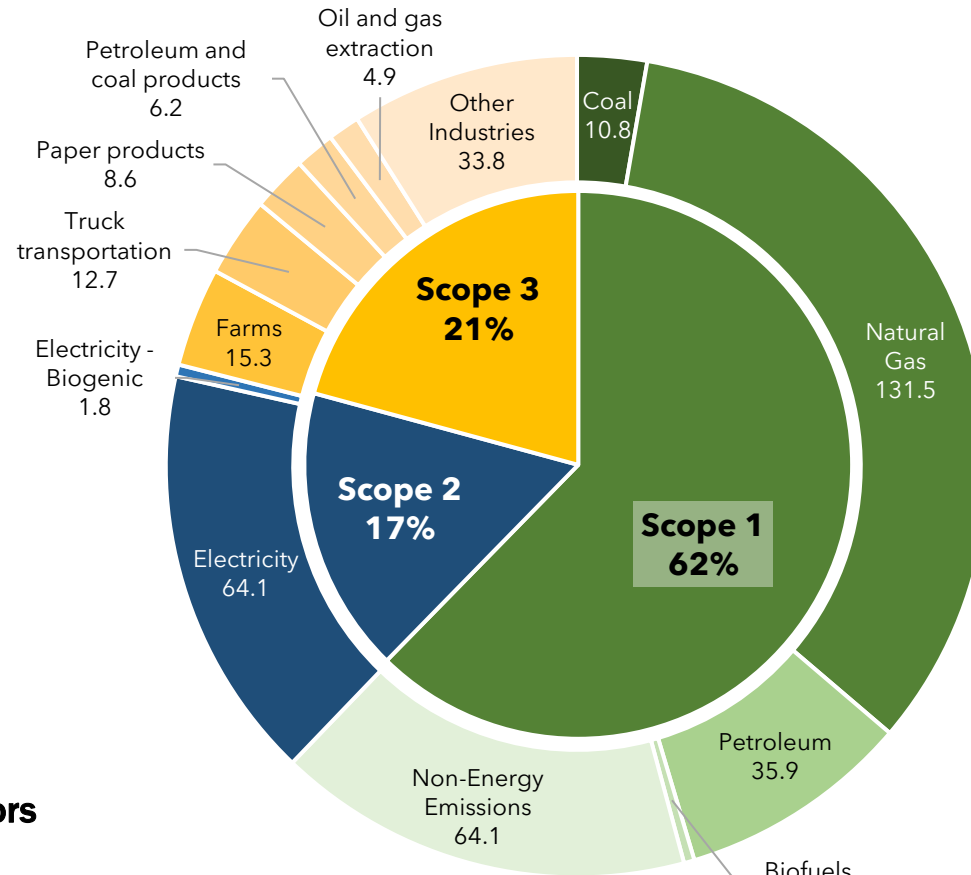
million metric tons CO₂eq

Top 5 upstream (source) subsectors for inherited embodied emissions:

- Farms
- Truck transportation
- Paper products
- Petroleum and coal products
- Oil and gas extraction

Top 5 downstream (destination) subsectors embodying this subsector's emissions:

- Chemical products
- State and local general government
- Construction
- Food and beverage and tobacco products
- Ambulatory health care services



Chemical products

(NAICS 325)

Scope 1, Scope 2, and Upstream Scope 3 Emissions of the Chemical Products Industry

2018 Base Case
(million metrics tons CO₂eq)

Scope 1 (onsite combustion) emissions represent 62% of the embodied emissions of this subsector's products

Scope 2 (offsite electricity generation) emissions represent 17% of the embodied emissions of this subsector's products

The remaining 21% of embodied emissions are Scope 3 (upstream supply chain)

All emissions shown are cradle-to-gate and do not include downstream impacts of product distribution or use

