

Construction



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

Total Emissions (2018)

Scope 1 & 2

149

Scope 1, 2 & 3

467

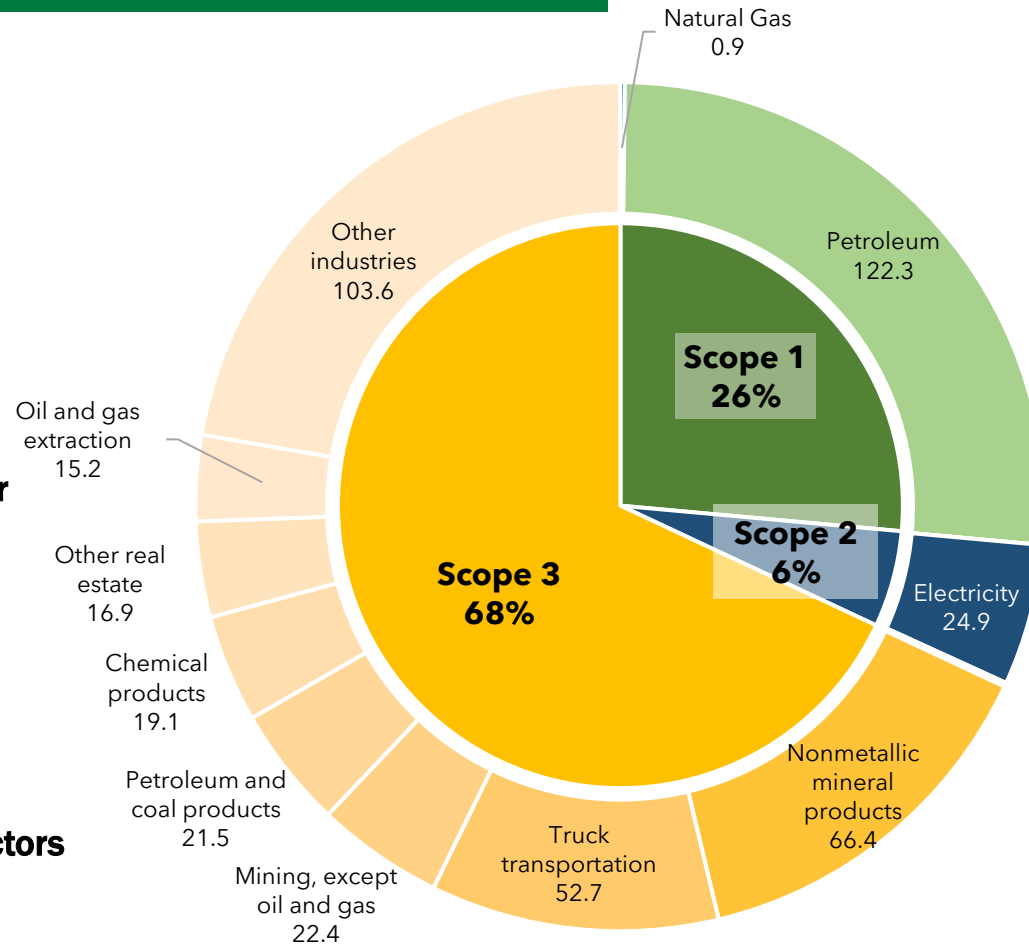
million metric tons CO₂eq

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

- Nonmetallic mineral products
- Truck transportation
- Mining, except oil and gas
- Petroleum and coal products
- Primary metals

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

- Construction
- Housing
- State and local general government
- State and local government enterprises
- Other retail



Construction

(NAICS 23)

Scope 1, Scope 2, and Upstream Scope 3 Emissions of the Construction Industry

2018 Base Case
(million metrics tons CO₂eq)

Scope 1 (onsite combustion) emissions represent 26% of the embodied emissions of this subsector's products

Scope 2 (offsite electricity generation) emissions represent 6% of the embodied emissions of this subsector's products

The remaining 68% 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

