

# Petroleum and coal products



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

## Total Emissions (2018)

Scope 1 & 2

Scope 1, 2 & 3

201

346

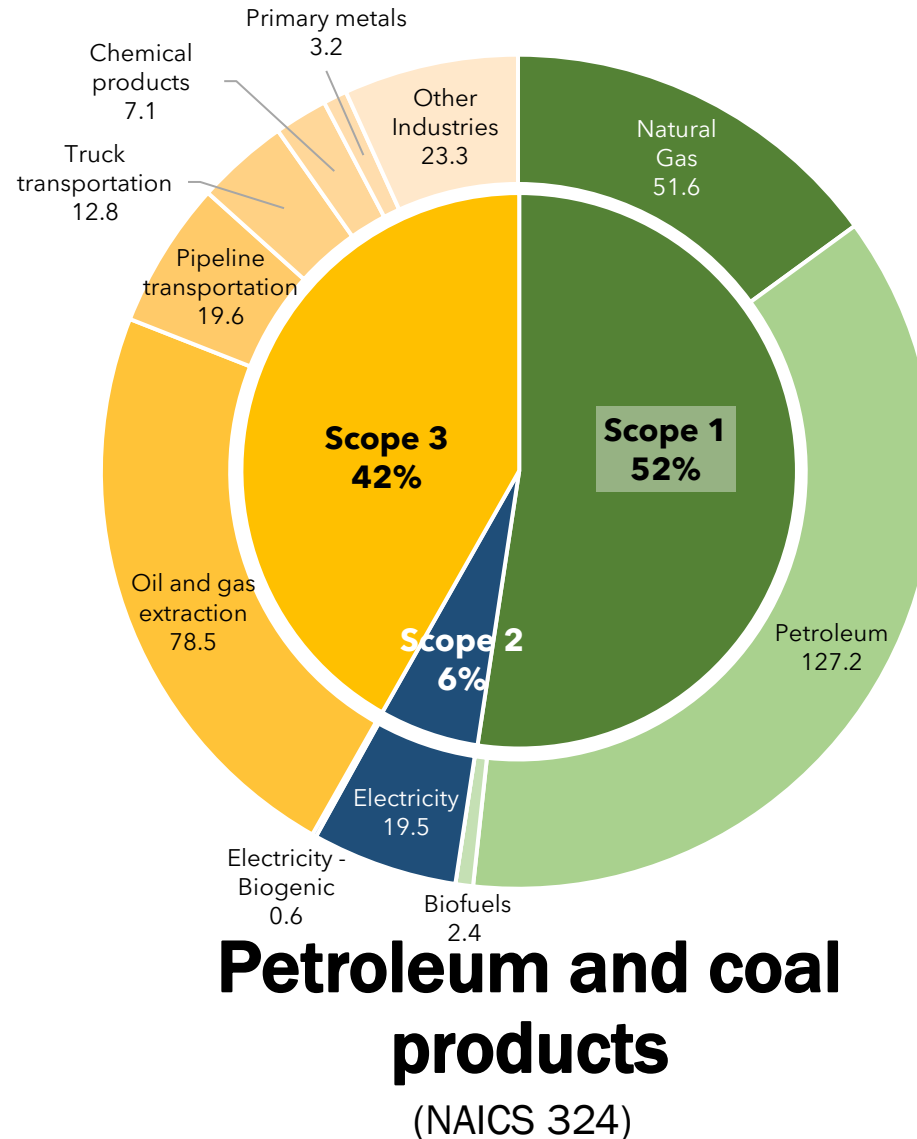
million metric tons CO<sub>2</sub>eq

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

- Oil and gas extraction
- Pipeline transportation
- Truck transportation
- Chemical products
- Primary metals

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

- Petroleum and coal products
- State and local general government
- Construction
- Federal general government (defense)
- Food and beverage and tobacco products



## Scope 1, Scope 2, and Upstream Scope 3 Emissions of the Petroleum and Coal Products Industry

2018 Base Case  
(million metrics tons CO<sub>2</sub>eq)

Scope 1 (onsite combustion) emissions represent 52% 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 42% 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

