

Primary metals



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

Total Emissions (2018)

Scope 1 & 2

Scope 1, 2 & 3

142

181

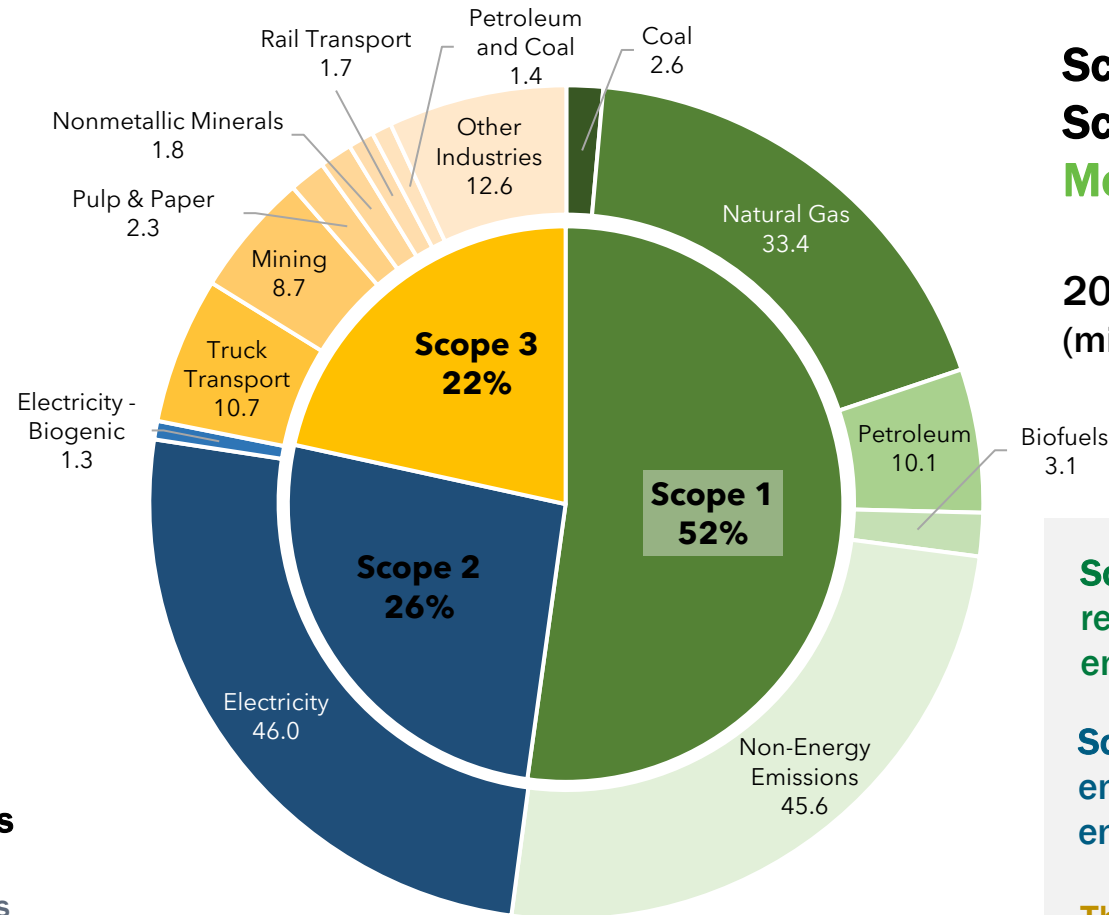
million metric tons CO₂eq

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

- Truck transportation
- Mining, except oil and gas
- Paper products
- Nonmetallic mineral products
- Rail transportation

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

- Motor vehicles, bodies and trailers, and parts
- Machinery
- Construction
- Food and beverage and tobacco products
- Fabricated metal products



Primary metals

(NAICS 331)

Scope 1, Scope 2, and Upstream Scope 3 Emissions of the Primary Metals Industry

2018 Base Case
(million metrics tons CO₂eq)

Scope 1 (onsite combustion) emissions represent 52% of the embodied emissions of this subsector's products

Scope 2 (offsite electricity generation) emissions represent 26% of the embodied emissions of this subsector's products

The remaining 22% 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

