

Machinery



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

Total Emissions (2018)

Scope 1 & 2

Scope 1, 2 & 3

15

78

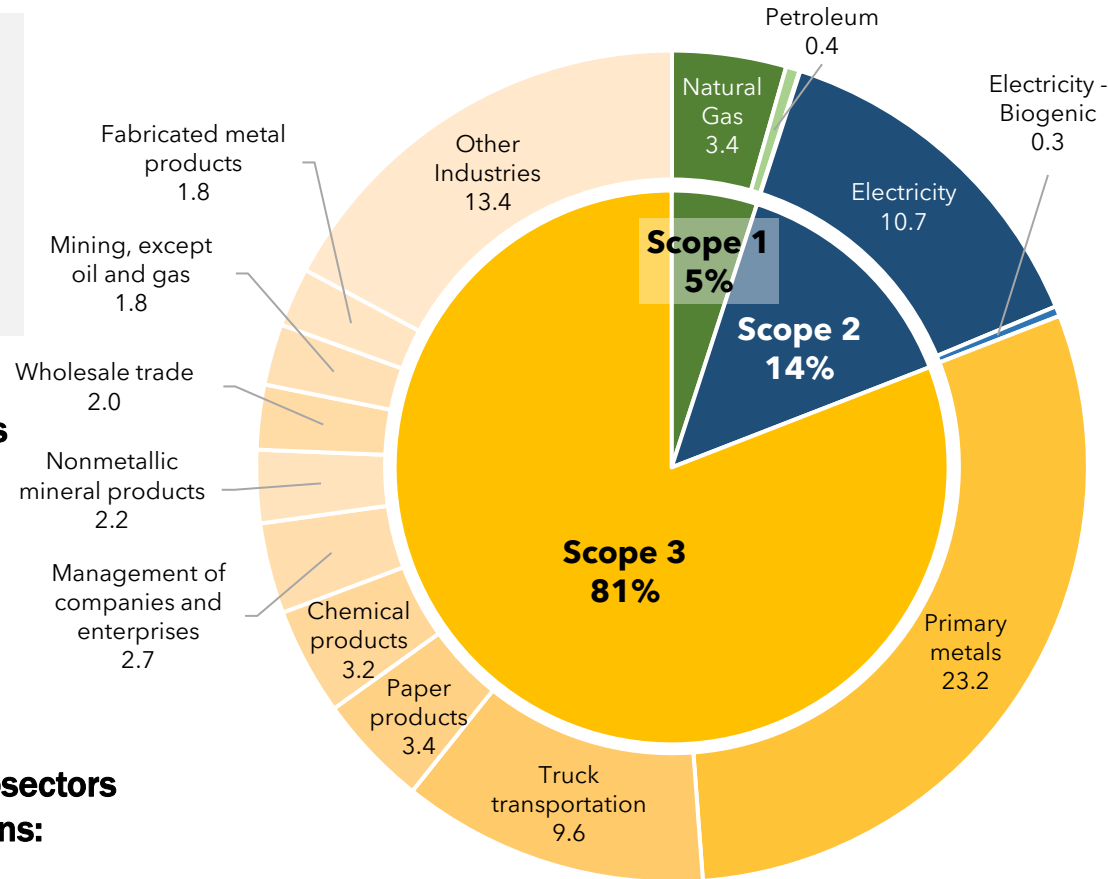
million metric tons CO₂eq

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

- Primary metals
- Truck transportation
- Paper products
- Chemical products
- Management of companies and enterprises

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

- Machinery
- Construction
- Motor vehicles, bodies and trailer, and parts
- State and local general government
- Support activities for mining



Machinery

(NAICS 333)

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

2018 Base Case
(million metrics tons CO₂eq)

Scope 1 (onsite combustion) emissions represent 5% of the embodied emissions of this subsector's products

Scope 2 (offsite electricity generation) emissions represent 14% of the embodied emissions of this subsector's products

The remaining 81% 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

