

Computer and electronic products



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

Total Emissions (2018)

Scope 1 & 2

Scope 1, 2 & 3

25

36

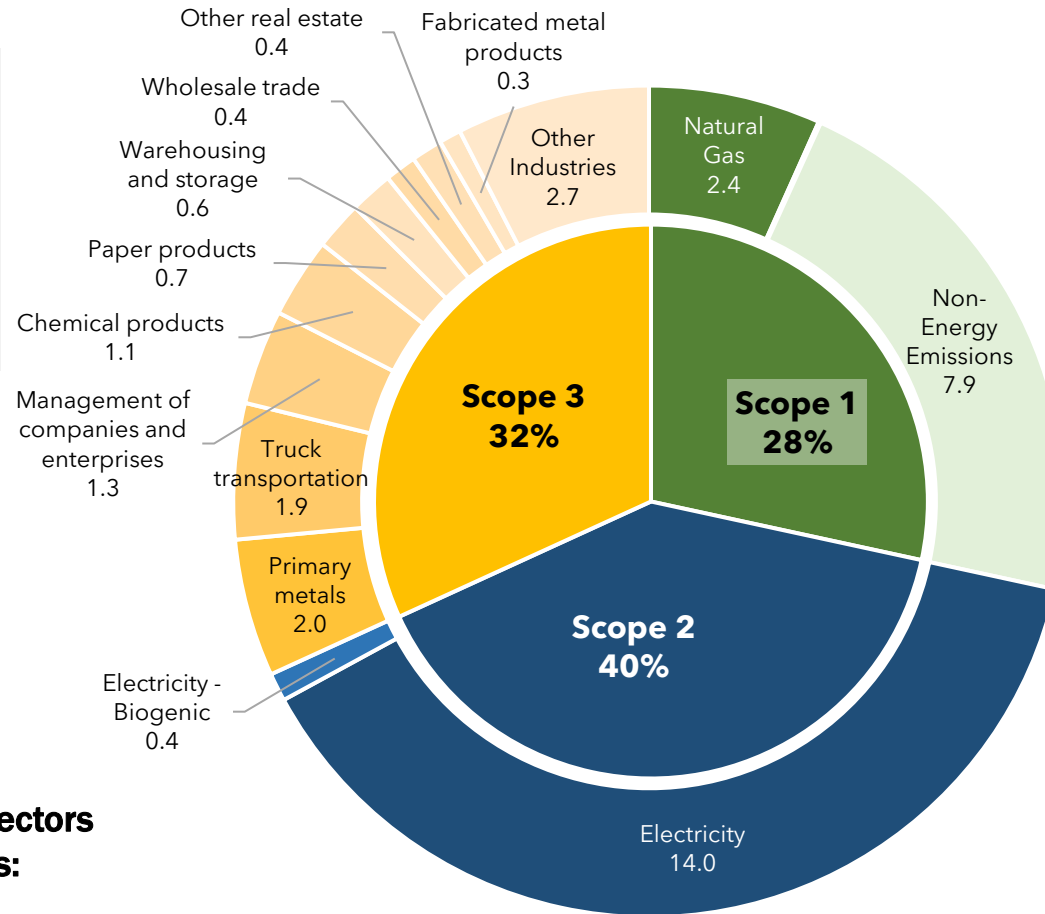
million metric tons CO₂eq

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

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

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

- Computer and electronic products
- Federal general government (defense)
- Motor vehicles, bodies and trailers, and parts
- Ambulatory health care services
- Construction



Computer and electronic products (NAICS 334)

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

2018 Base Case
(million metrics tons CO₂eq)

Scope 1 (onsite combustion) emissions represent 28% of the embodied emissions of this subsector's products

Scope 2 (offsite electricity generation) emissions represent 40% of the embodied emissions of this subsector's products

The remaining 32% 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

