Electrical equipment, appliances, and components



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



40

36

million metric tons CO₂eq

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

- Primary metals
- Truck transportation
- Chemical products
- Paper products
- Nonmetallic mineral products

Petroleum Fabricated metal Natural products Gas Other 0.7 Non-2.4 Industries Wholesale trade Energy 0.7 **Emissions** 3.1 Mining, except oil and gas Scope 1 8.0 14% Petroleum and coal products Electricity 0.9 Scope 2 5.7 17% Nonmetallic mineral products 1.6 Paper Scope 3 products 69% 1.6 Chemical products 1.6 Truck Primary transportation 3.5 metals Electricity -Biogenic 0.2

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

- Electrical equipment, appliances, and components
- Construction
- Motor vehicles, bodies and trailers, and parts
- Machinery
- Other services, except government

Electrical equipment, appliances, and components

(NAICS 335)

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 14% of the embodied emissions of this subsector's products

Scope 2 (offsite electricity generation) emissions represent 17% of the embodied emissions of this subsector's products

The remaining 69% 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

