

Annex 1



Grouped sectors (categories), definition, and WIOD subcategories for the Extra Supply Chain estimation.

Grouped sectors (Category)	WIOD definition	WIOD subcategories (Health usage)
Business services	Emissions associated with professional services procured by the health sector, like legal, accountancy, and consultancy services	Warehousing and support activities for transportation
		Postal and courier activities
		Financial service activities, except insurance and pension funding
		Insurance, reinsurance, and pension funding, except compulsory social security
		Activities auxiliary to financial services and insurance activities
		Real estate activities
		Legal and accounting activities, activities of head offices, and management consultancy activities
		Scientific research and development
		Advertising and market research
		Other professional, scientific, technical, and veterinary activities
		Administrative and support service activities
		Public administration and defence and compulsory social security
		Education

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		Other service activities
		Activities of households as employers, undifferentiated goods- and services producing activities of households for own use
		Architectural and engineering activities, technical testing, and analysis
		Activities of extraterritorial organisations and bodies
		Human health and social work activities
Construction	Emissions associated with the construction of buildings and infrastructure, including the supply and manufacture of construction materials	Construction
		Repair and installation of machinery and equipment
		Manufacture of other non-metallic mineral products
		Manufacture of basic metals
		Manufacture of wood and of products of wood and cork, except furniture, and manufacture of articles of straw and plaiting materials
		Manufacture of fabricated metal products, except machinery and equipment
Food and Catering	Emissions associated with the food products and catering services provided by the health system and accommodation required by health workers	Crop and animal production, hunting, and related service activities
		Fishing and aquaculture
		Manufacture of food products, beverages, and tobacco products
		Accommodation and food service activities
Information and communication technologies	Emissions associated with IT and communication services procured by the health sector, including computer systems, telecoms, and publishing activities	Publishing activities
		Motion picture, video, and television program production, sound recording and music publishing activities, and programming and broadcasting activities
		Telecommunications

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		Computer programming, consultancy, and related activities, information service activities
Manufactured fuels, chemicals, and gases	Emissions associated with the production of purchased chemicals, like soap and detergents, and gases used in the health setting	Manufacture of chemicals and chemical products
		Mining and quarrying
Medical instruments / equipment	Emissions associated with purchased medical instruments and equipment, including computers, electronics, and optical products	Manufacture of computer, electronic, and optical products
		Manufacture of furniture and other manufacturing
Other manufactured products	Emissions associated with purchased products including plastics, textiles, machinery, vehicles, and electrical equipment	Forestry and logging
		Manufacture of textiles, wearing apparel, and leather products
		Manufacture of rubber and plastic products
		Manufacture of motor vehicles, trailers, and semi-trailers
		Manufacture of other transport equipment
		Manufacture of machinery and equipment not elsewhere classified (n.e.c.). Manufacture of electrical equipment
		Retail trade, except motor vehicles and motorcycles
Paper products	Emissions associated with the production of paper and cardboard products procured by the health sector	Manufacture of paper and paper products
		Printing and reproduction of recorded media
Pharmaceuticals	Emissions associated with the production of pharmaceuticals procured by the health sector, encompassing the emissions associated with the energy, materials, and transportation of pharmaceuticals	Manufacture of basic pharmaceutical products and pharmaceutical preparations
Water and sanitation	Emissions associated with water collection, treatment, supply, and sewerage	Water collection, treatment, and supply

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Other procurement	Emissions associated with goods purchased in bulk through wholesalers and intermediaries	Wholesale and retail trade and repair of motor vehicles and motorcycles
		Wholesale trade, except of motor vehicles and motorcycles

Note: WIOD data was grouped in 15 categories. The 11 categories shown in this table are the ones used in the Climate Impact Checkup tool to estimate GHG emissions of the extra supply chain. The remaining four categories are electricity, fossil fuels (coal and oil), waste products and recycling, and transport. These were removed to avoid overlaps and double-counting with other sections of the tool.

Source: Health Care Without Harm and ARUP. Global Road Map for Health Care Decarbonization (2020)

Annex A: Technical Report, Table A.4 and Table A.5. 2021. Available at: <https://healthcareclimateaction.org/roadmap>