

Appendix: Transparency Score

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Author	Year	Author (Year)	Title	Health Care System	Total Carbon Footprint	tCO2/capita	% of total emission	Breakdown	Method	Demand Data source	Demand Data year	Number of demand/ Expenditure categories	I-O table data source	I-O table data year	Multiregionality of the model	Number of production sectors	Source of emission data/ satellite account	Included Greenhouse Gases	Concordance matrix reported	Sensitivity /Uncertainty Analysis	Discussion of limitations		
Nansai et al.	2020	Nansai et al. (2020)	Carbon footprint of Japanese health care services from 2011 to 2015	Japan	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	14	82,35%
Eckelman et al.	2016	Eckelman et al. (2016)	Environmental Impacts of the U.S. Health Care System and Effects on Public Health	USA	1	0	1	1	1	1	1	1	1	1	1	1	1	0,5	1	0	1	14,5	85,29%
Pichler et al.	2019	Pichler et al. (2019)	International comparison of health care carbon footprints	OECD countries; China; India	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	16	94,12%
Eckelman et al.	2018	Eckelman et al. (2018)	Life cycle environmental emissions and health damages from the Canadian healthcare system: An economic-environmental-epidemiological analysis	Canada	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	16	94,12%
Malik et al.	2018	Malik et al. (2018)	The carbon footprint of Australian health care	Australia	1	0	1	1	1	1	1	1	1	1	1	1	1	0,5	0	1	1	14,5	85,29%
Wu	2019	Wu (2019)	The carbon footprint of the Chinese health-care system: an environmentally extended input-output and structural path analysis study	China	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	16	94,12%
NHSScotland	2008	NHSScotland (2008)	National Health Service Scotland Carbon Footprint of NHS Scotland(1990-2004)	Scotland	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	13	76,47%
SDU series	2016	SDU series (2016)	Carbon update for the health and care sector in England 2015	NHS England	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	12	70,59%
HCH	2019	HCH (2019)	Health Care's Climate Footprint	43 countries	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	15	88,24%

Weisz et al.	2020	Weisz et al. (2020)	Carbon emission trends and sustainability options in Austrian health care	Austria	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	16	94,12%	
Malik et al.	2021	Malik et al. (2021)	Environmental impacts of Australia's largest health system	New South Wales, Australia	1	0	1	0	1	1	1	1	1	1	1	1	0	0	1	0	1	12	70,59%
Eckelman et al.	2020	Eckelman et al. (2020)	Health Care Pollution And Public Health Damage In The United States: An Update	USA	1	0	0	1	1	1	1	1	1	1	1	1	0	1	0	1	13	76,47%	
Tennison et al.	2021	Tennison et al. (2021)	Health care's response to climate change: a carbon footprint assessment of the NHS in England	England	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	15	88,24%	
Lenzen et al.	2020	Lenzen et al. (2020)	The environmental footprint of health care: a global assessment	189 countries	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	15	88,24%	
Steenmeijer et al.	2022	Steenmeijer et al. (2022)		Netherlands	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	15	88,24%	
					15	7	12	13	15	15	15	14	15	15	15	15	11	12	11	3	13		
					100,00%	46,67%	80,00%	86,67%	100,00%	100,00%	100,00%	93,33%	100,00%	100,00%	100,00%	100,00%	73,33%	80,00%	73,33%	20,00%	86,67%		