

HEALTH CARE'S CLIMATE FOOTPRINT

HOW THE HEALTH SECTOR CONTRIBUTES TO THE GLOBAL CLIMATE CRISIS AND OPPORTUNITIES FOR ACTION

Appendix A

Tabulated national health care emissions for the 43 WIOD countries



ARUP

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Appendix A Tabulated National Results

Nation	Health care footprint results					National statistics			
	Net emissions (MtCO ₂ e)	Emissions per capita (tCO ₂ e / capita)	Emissions per health care expenditure (tCO ₂ / \$ millions)	Health care % of national footprint	Domestic production % of footprint	Health care expenditure (% of GDP)	Health care expenditure per capita (USD)	HDI	CO ₂ emissions (tCO ₂ / capita)
United States	546.54	1.72	183	7.6	78.2	16.5	9053	0.92	16.5
China	342.46	0.25	694	3.1	90.5	4.8	362	0.74	7.5
European Union	248.52	0.49	127	4.7	n/a	10	3668	0.84	6.4
Japan	103.55	0.81	195	6.4	67.3	10.8	4099	0.9	9.5
Russian Federation	76.46	0.53	682	4	92.9	5.2	742	0.81	11.9
Germany	57.51	0.71	128	5.2	61.8	11	5278	0.93	8.9
Brazil	43.84	0.21	157	4.4	70.6	10.8	1301	0.75	2.6
United Kingdom	42.5	0.66	140	5.4	44.7	9.7	4568	0.92	6.5
India	38.8	0.03	500	1.5	80.1	3.6	57	0.62	1.7
South Korea	37.26	0.73	368	5.3	63.4	6.8	1910	0.9	11.6
Canada	35.96	1.01	192	5.2	68	10	5038	0.92	15.2
Australia	30.17	1.29	214	5.1	66.7	9.1	5638	0.93	15.4
France	28.98	0.44	83	4.6	48.8	11.6	5010	0.89	4.6
Mexico	22.53	0.18	300	3.4	83.6	5.5	586	0.76	4
Italy	21.31	0.35	105	4	50.8	9	3190	0.87	5.3
Spain	16.72	0.36	128	4.5	54.2	9	2671	0.88	5
Turkey	14.83	0.19	347	3.2	63.5	4.3	527	0.78	4.5
Indonesia	13.59	0.05	466	1.9	71.6	3.1	109	0.68	1.8
Netherlands	13.32	0.79	133	5.9	33.3	10.9	5676	0.92	9.9
Poland	13.02	0.34	358	3.7	75.9	6.2	896	0.84	7.5
Taiwan	12.27	0.52	355	4.6	67.7	6.2	1407	0.88	11.8
Belgium	9.3	0.83	161	5.5	22.5	10.3	4909	0.91	8.3
Switzerland	8.32	1.02	97	6.7	21.2	11.5	10015	0.94	4.3
Austria	5.04	0.59	102	5.2	29.1	10.4	5386	0.9	6.9
Sweden	4.5	0.46	67	4.4	35.7	11.1	6628	0.92	4.5
Denmark	4.4	0.78	115	6.3	39.1	10.2	6381	0.93	5.9
Greece	4.15	0.38	214	3.7	65.7	7.9	1725	0.86	6.2
Czech Republic	3.71	0.35	231	3.6	54.7	7.7	1513	0.88	9.2
Portugal	3.61	0.35	166	4.8	54.1	9	1987	0.84	4.3
Finland	3.51	0.64	130	5	48.4	9.5	4733	0.91	8.7
Romania	3.08	0.15	292	2.7	63.7	5	503	0.8	3.5
Norway	3.08	0.6	62	4.3	37.5	9.3	9118	0.95	9.3
Ireland	2.83	0.61	108	4.4	39.3	9.7	5391	0.92	7.3
Bulgaria	2.7	0.37	532	6	75.8	8.5	666	0.8	5.9
Hungary	2.55	0.26	246	4.3	45.1	7.1	1006	0.83	4.3
Slovak Republic	1.19	0.22	165	2.8	50.9	6.9	1288	0.85	5.7
Slovenia	0.93	0.45	210	4.6	47	8.5	2060	0.89	6.2
Estonia	0.86	0.66	509	4.7	73.1	6.2	1237	0.86	14.8
Croatia	0.8	0.19	187	3.2	46.6	7.1	958	0.82	4
Lithuania	0.5	0.17	159	2	48	6.2	1021	0.85	4.4
Latvia	0.5	0.25	269	3.2	39.3	5.5	856	0.84	3.5
Luxembourg	0.47	0.84	103	3.7	19.2	6.4	7757	0.9	17.4
Cyprus	0.34	0.3	206	2.9	48.6	6.8	1848	0.86	5.3
Malta	0.2	0.45	177	4.8	60.3	9.4	2464	0.86	5.4