

Category	Product or activity	GHG Emissions (kg CO ₂ e)	Unit	Source
Diagnostics	Ultrasound	0.50	per scan	doi: 10.1016/j.lanwpc.2022.100459. PMID: 35538935; PMCID: PMC9079346.
GP Consultation	GP Consultation	1.10	per visit	Care Pathways: Guidance on Appraising Sustainability, November 2023
Patient travel	Self - to GP	0.56	per one way trip	Care Pathways: Guidance on Appraising Sustainability, November 2023
Patient travel	Self - to elective care	2.90	per one way trip	Care Pathways: Guidance on Appraising Sustainability, November 2023
Patient travel	Provided non-emergency	7.90	per one way trip	Care Pathways: Guidance on Appraising Sustainability, November 2023
Patient travel	Provided emergency	36.00	per one way trip	Care Pathways: Guidance on Appraising Sustainability, November 2023
Inpatient admission	Low intensity bed day (LIBD)	38.00	per day	Care Pathways: Guidance on Appraising Sustainability, November 2023
Entonox		237.33	kg per labour	https://associationofanaesthetists-publications.onlinelibrary.wiley.com/doi/10.1111/anae.15678
DigiHealth	Letter	0.2835	2 pieces of paper by post	(taken from GNHS)
DigiHealth	email	0.017	long email	(taken from Mike Berners Lee)
DigiHealth	OPA telephone consultation	0.1	per consultation	(taken from GNHS)
Vaginal birth	MW or OG-led unit	9.4	per delivery	https://obgyn.onlinelibrary.wiley.com/doi/10.1111/1471-0528.17771
Vaginal birth	Home	5.93	per delivery	https://pubmed.ncbi.nlm.nih.gov/38272843/
OP appointment	OP appointment	1.58	per hour	(Assumed x1/24 of LIBD)
Pharmaceuticals	Vial - 100mg in 0.5ml Injection	0.7438	Syringe	NUTH ICHD 2022
Pharmaceuticals	Vial - 60mg in 0.3ml Injection	0.4638	Syringe	NUTH ICHD 2022
Pharmaceuticals	Vial - 30mg in 0.3ml Injection	0.2538	Syringe	NUTH ICHD 2022
Pharmaceuticals	Paracetamol - 500mg Tablet	0.7628	Tablet	NUTH ICHD 2022
Pharmaceuticals	Sodium Chloride - 0.9% Solution for Infusion	0.7558	1000ml bag	NUTH ICHD 2022
Infant formula	Infant formula	27.5	2 months	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9180168/#app1-ijerph-19-06397
Diagnostics	PIGF	0.116	per test	Oxford PIGF case study
Surgery	Default	22.43	per hour of surgery	Care Pathways: Guidance on Appraising Sustainability, Surgical Procedure Module, November 2024