

## Environmental Health<sup>4</sup>

**Explanation of our energy and emissions data:** As part of our commitment to environmental health, we have measured a subset of sites and sources of energy consumption and greenhouse gas (GHG) emissions for two decades, increasing the breadth of measurement over time. In 2021, in order to establish a baseline for our operational net-zero target, we performed a comprehensive analysis of our energy usage and scope 1 and 2 emissions footprint. As a result of this analysis, we updated our GHG accounting methodology to include the data collection and estimations for all our facilities and fleets for all our controlled entities around the world. This update expanded upon the previously reported energy and emissions. Under the updated methodology, the 2021 energy and scope 1 and 2 emissions data accounts for 100% of UnitedHealth Group-controlled operations.

See [page 62](#) for more information about the drivers of the change in 2021 total energy and emissions.

		2019	2020	2021
<b>Energy (MWh)</b>	Total Energy Consumption*	375,673	381,692	1,151,438
	Non-Renewable Energy Use*	367,457	362,045	1,068,336
	Renewable Energy Use*	8,216	19,647	83,102
	Change in Energy Consumption*	+2.9%	+1.6%	+201.7%
	Energy Intensity (per USD revenue, billions)*	1,551.37	1,484.37	4,003.65
<b>Carbon Emissions (mtCO<sub>2</sub>e)</b>	Scope 1*	17,709	24,487	97,537
	Scope 2 (Location-Based)*	153,004	156,751	322,472
	Scope 2 (Market-Based)*	149,418	148,741	290,463
	Scope 3*	429,812	213,495	88,465
	Total (Scope 1+2 Location-Based)*	170,713	181,238	420,009
	Total (Scope 1+2 Location-Based + 3)*	600,524	394,733	508,474
	Change in Emissions (Scope 1+2 Location-Based) (%)*	+1.8%	+6.17%	+131.7%
	Emissions Intensity (Scope 1+2 Location-Based) (per USD revenue, billions)*	704.97	704.82	1,460.41
	Carbon Offsets			3,596
<b>Water (Mio. m<sup>3</sup>)</b>	Municipal Water Use*	0.65	0.56	0.86
<b>Waste (Metric Tonnes)</b>	Total Waste Used/Recycled*	7,964	6,709	7,099
	Waste Disposed*	7,398	7,658	10,478
	Confidential Paper Recycling (U.S. tons)*	6,415	4,888	4,854
<b>Environmental Operations (Square Feet, millions)</b>	LEED Certified Facilities*	2.1	2.7	2.7