

Greenhouse gas emissions

Wells Fargo calculates our operational Scope 1 and Scope 2 GHG emissions in accordance with the Greenhouse Gas Protocol. Scope 1 emissions are direct emissions that occur from sources that are controlled or owned by an organization. Scope 2 emissions are indirect GHG emissions associated with the purchase of electricity, steam, heat, or cooling, and are a result of the organization's energy use.

Scope 1 and Scope 2 emissions (location and market based)^{36,37}

	Unit ³⁸	2019 (baseline)	2020	2021	2022
Total Scope 1	MTCO2e	86,602	78,087	73,319*	77,476*
Total Scope 2 (location)	MTCO2e	771,327	694,011	569,633*	593,495*
Total Scope 2 (market) ³⁹	MTCO2e	4,988	3,614	1,792*	4,424*
Total Scope 1 and 2 (location)	MTCO2e	857,929	772,098	642,952*	670,972*
Total Scope 1 and 2 (market)	MTCO2e	91,591	81,701	75,111*	81,901*
Carbon offsets purchased ⁴⁰	MTCO2e	98,981	92,019	81,809*	82,414*
Remaining Scope 1 and 2 (market)⁴¹	MTCO2e	0	0	0*	0*
Reduction in total Scope 1 and 2 (location) GHG emissions (from 2019 baseline)	%	—	10	25	22

*Wells Fargo's Statement of Greenhouse Gas Emissions, which can be found on our [Goals and Reporting website](#), has been reviewed by an independent accountant for the years ended December 31, 2021, and 2022.

³⁶ Totals in this figure and others in this report may not add correctly due to rounding.

³⁷ Environmental and energy use data included in this report are subject to measurement uncertainties resulting from limitations inherent in the nature and the methods used for determining such data. The selection of different but acceptable measurement techniques can result in materially different measurements. The precision of different measurement techniques may also vary. Consumption is based on raw data. When raw data is unavailable, the Company estimates consumption based on a square foot extrapolation of the average consumption from the most comparable facilities. Third-party data (such as electricity and fuel usage) has been obtained from sources believed to be reliable, but the suitability of the design and effectiveness of the third-party systems and associated controls over the accuracy and completeness of the data has not been independently assessed.

³⁸ MTCO2e stands for metric tons of carbon dioxide equivalent.

³⁹ A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using grid average emission factor data). A market-based method reflects emissions from electricity that Wells Fargo has purposefully chosen. It derives emission factors from contractual instruments, which include any type of contract between two parties for the sale and purchase of energy bundled with attributes about the energy generation, or for unbundled attribute claims.

⁴⁰ In 2022, Wells Fargo purchased carbon offsets from projects that remove and store carbon. A portion of these credits are Verified Carbon Standard (VSC) certified and have also achieved the add-on Climate, Community and Biodiversity (CCB) certification and are therefore VSC+CCB certified. The remaining portion is certified by the Climate Action Reserve (CAR).

⁴¹ As part of its journey toward net zero, Wells Fargo has implemented carbon reduction strategies and purchased energy attribute certificates and carbon offsets sufficient to cover its total Scope 1 and Scope 2 (market-based) emissions for 2022.

Scope 3 emissions⁴²

	Unit ⁴³	2020	2021*	2022*
Category 1: Purchased goods and services	MTCO ₂ e	1,639,281	1,429,619	1,300,698
Category 2: Capital goods	MTCO ₂ e	358,268	348,249	293,289
Category 3: Fuel and energy-related activities (not included in Scope 1 or 2)	MTCO ₂ e	123,970	121,357	123,938
Category 5: Waste generated in operations	MTCO ₂ e	7,622	13,058	12,730
Category 6: Employee business travel (air travel only)	MTCO ₂ e	14,111	4,795	27,403
Category 7: Employee commuting (excluding remote work)	MTCO ₂ e	313,757	218,795	289,051

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Increasing engagement with suppliers

Wells Fargo's Supplier Code of Conduct, which can be found on our [Goals and Reporting website](#), outlines our expectation that suppliers not only comply with applicable laws, regulations, and contract terms, but also conduct themselves with the highest standards of ethical business practices. We encourage our suppliers to join us in implementing systems designed to minimize negative impacts on the environment. Wells Fargo works with suppliers to understand their environmental and social considerations. As an example, the below table shows our engagement of certain suppliers to report their environmental data through CDP's questionnaires to better understand their emissions profile and approach to climate resiliency.

Integrating ESG into supplier selection and engagement

	Unit	2020	2021	2022
Suppliers invited to participate in CDP survey	# of suppliers	198	188	344 ⁴⁴
Supplier CDP survey participation	# of suppliers	142	139	227
Responding suppliers who have self-reported science-based targets for Scope 1 and Scope 2 emissions	# of suppliers	69	88	130

⁴² This report includes relevant Scope 3 categories for which Wells Fargo had calculated emissions for the year ended 2022.

⁴³ MTCO₂e stands for metric tons of carbon dioxide equivalent.

⁴⁴ Wells Fargo increased the scope of suppliers invited to participate in the survey causing the year-over-year increase.