

2020 Energy and carbon supplement

In our [2020 Comprehensive Report](#), we announced two carbon reduction targets informed by the Science Based Targets (SBTi) initiative consistent with reductions required to keep global warming to 1.5 C:

1. Achieve a 20 percent reduction in carbon emissions (scopes 1 and 2) by 2024, and
2. All Stryker facilities to be carbon neutral (scopes 1 and 2) by 2030, using 2019 as our baseline year

As a part of that commitment, we intend to report annually on environmental indicators, including our greenhouse gas emissions (scope 1 and 2) and energy consumption. Energy and carbon data is third-party verified by Verego and their verification of this report is included in the Appendix.

We have established a 2019 baseline year for our scopes 1 and 2 carbon emissions and our goals for scopes 1 and 2 are based on the SBTi guidelines. We are establishing a scope 3 emissions baseline in 2021 and intend to set and disclose a science-based target in the future.

Scope 1 and 2 GHG emissions by year

Greenhouse gas (GHG) emissions (MT CO₂e)

	2020	2019
Scope 1 GHG emissions	26,503	25,284
Scope 2 GHG emissions		
Location-based	130,252	133,703
Market-based	117,023	152,475
Total GHG emissions (scope 1 MB + scope 2 MB)	143,526	177,759
Energy intensity ratio (MT CO ₂ e/million USD)	10.0	11.9
Percentage change in GHG intensity compared to 2019 baseline (MT CO ₂ e/million USD)	-16.0%	-

Purchased energy use by type (TJ)

	2020	2019
Non-renewable electric power	1,010.3	1,198.5
Renewable electric power	241.7	102.7
Natural gas	508.6	482.5
Diesel	7.8	9.2
Fuel oil	2.9	4.0
Gasoline	2.1	1.0
Total purchased energy	1,773.5	1,797.8
Energy intensity ratio (TJ/billion USD)	123.2	120.7
Percentage change in energy intensity compared to 2019 baseline (TJ/billion USD)	+2.1%	-

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Greenhouse gas (GHG) scope 1 emissions by region (MT CO2e)

	2020	2019
North America region (NAM)	21,357	20,595
Europe, Middle East, Africa (EMEA)	5,010	4,482
Asia Pacific (APAC)	136	207

Greenhouse gas (GHG) scope 2 emissions (MB) by region (MT CO2e)


	2020	2019
North America region (NAM)	83,730	99,563
Europe, Middle East, Africa (EMEA)	12,333	29,201
Asia Pacific (APAC)	20,609	23,361
Latin America (LATAM)	350	350

Greenhouse Gas (GHG) scope 1 emissions by facility (MT CO2e)

	2020	2019
Manufacturing (GQO)	21,163	20,855
Office/warehouse (non-GQO)	5,340	4,429

Greenhouse gas (GHG) scope 2 emissions (MB) by facility (MT CO2e)


	2020	2019
Manufacturing (GQO)	72,871	106,312
Office/warehouse (non-GQO)	44,151	46,163



VERIFICATION STATEMENT

To the stakeholders of Stryker Corporation

Verego was engaged by Stryker, to conduct a verification of their GHG emissions.




Verification Statement

GHG Inventory Verification 2020 prepared for Stryker Corporation

Period(s) Covered by Verification
1st January 2020 – 31st December 2020

Verification Standard used to conduct the verification
The principles of ISO – 14064-3:2019 Specifications with Guidance for the Validation and Verification of Greenhouse Gas Statements.

Level of Assurance
The opinion expressed in this verification statement has been formed on the basis of a Reasonable level of assurance and at a materiality of the professional judgement of the verifier.

Opinion
In Verego's opinion, nothing has come to the attention of the verifier that would cause us to believe that the Scope 1, Scope 2, and Scope 3 emissions disclosed in the statement and summarized in Table 1 are not materially correct. There are no known materially significant omissions.

Emissions data verified
Table 1. Breakdown of total verified emissions by each scope

Scope of Emissions	Total Emissions tCO ₂ e
Direct Emissions – Scope 1	26,503
Indirect Emissions (Location Based) – Scope 2	130,252
Indirect Emissions (Market Based) – Scope 2	117,023
Indirect Emissions – Scope 3 (Business Travel)	13,460

GHG Verification Methodology

- Interviews with key personnel at Stryker
- Review of Stryker's methodology for data collection, aggregation, and appropriate classification of emission sources
- Review of Stryker's data and information systems and controls

Signed

Dated: 12th July 2021



Carole Kerrey, Lead Verifier
Verego