

Environmental Sustainability Data Performance Tables, 2019-2023



Our Environmental Data

As part of Gilead's continued commitment to transparency in our progress against [our environmental goals](#), the following tables present our environmental performance data for 2019-2023.

Our greenhouse gas (GHG) emissions and energy consumption data have been third-party verified by APEX Companies LLC using the ISO 14064-3: Greenhouse Gases - Part 3 specification standard. Additionally, we verify our global water withdrawal, hazardous, and non-hazardous waste production volumes through APEX using the International Standard on Assurance Engagements (ISAE) 3000 Revised.

APEX conducted an independent, limited assurance verification of our reported data, assessing its accuracy and the underlying systems and processes used to collect, analyze, and review the information.

All reported values represent the best available data at the time of publication.

Data Performance Table Contents

Scope 1 and 2 GHG Emissions	3
Scope 1.....	
Scope 2 (Market-Based)	
Scope 2 (Location-Based)	
GHG Emissions Intensity	3
Scope 1	
Scope 2 (Market-Based)	
Scope 2 (Location-Based)	
Scope 3 GHG Emissions	4
Energy Consumption	6
Total Energy Consumption from Renewable Sources	
Total Energy Consumption from Non-renewable Sources	
Total Combined Energy Consumption	
Building Energy Intensity	7
Non-Hazardous Waste Disposal	7
Hazardous Waste Disposal	8
Water Usage	9
Floor Area	9

Restatement of Environmental Data: Some environmental data from previous years have been restated due to acquisitions, changes in methodology and/or accuracy improvements. All reporting year data goes through third-party limited assurance.



[Click to read our 2023 ESG Impact Report](#)



ENVIRONMENT

SCOPE 1 AND 2 GHG EMISSIONS METRIC TONS CO₂e (MT CO₂e)

	2019	2020	2021	2022	2023
Scope 1	54,098	48,630	55,104	55,919	56,096
Mobile	19,539	10,906	14,118	18,915	20,382
Fugitive/Refrigerants	880	1,323	2,612	1,078	2,033
Stationary	33,679	36,401	38,374	35,926	33,681
Scope 2 (market-based)	33,331	32,132	34,297	26,291	22,339
Electricity	33,331	32,065	34,252	26,251	22,260
Heat/Steam/Cooling	0	67	45	40	80
Scope 2 (location-based)	55,248	52,526	56,347	57,255	53,778
Scope 1 and 2 (market-based)	87,429	80,762	89,401	82,210	78,435
Scope 1 and 2 Percent Change from 2019	N/A	-8%	2%	-6%	-10%
Data Coverage (as a percentage of global full-time employees)	100%	100%	100%	100%	100%

GHG EMISSIONS INTENSITY

(SCOPE 1 AND 2) KILOGRAMS CO₂e PER SQUARE FOOT (kg CO₂e/SQ. FT.)

	2019	2020	2021	2022	2023
Scope 1	7.49	6.04	6.71	6.61	6.54
Scope 2 (market-based)	4.61	3.99	4.18	3.11	2.60
Scope 2 (location-based)	7.65	6.53	6.86	6.77	6.27



SCOPE 3 GHG EMISSIONS METRIC TONS CO ₂ e (MT CO ₂ e)	2019	2020	2021	2022	2023
Purchased Goods & Services ^{2,5}	608,432	834,264	785,443	858,104	828,191
Capital Goods ^{2,5}	98,941	129,302	84,328	119,051	67,687
FERA ^{1,3}	14,821	14,474	17,120	16,252	15,219
Upstream Transport & Distribution ^{1,2,3,5}	53,051	73,605	68,445	87,576	68,315
Waste ^{1,3}	5,166	4,464	4,728	3,884	3,300
Business Travel (required only) ^{1,2,3,5}	50,290	8,615	8,123	38,146	56,569
Employee Commuting ^{1,2}	23,656	7,565	15,023	30,046	39,143
Upstream Leased Assets ⁴	N/A	N/A	N/A	N/A	N/A
Downstream Transport & Distribution ¹	192	178	218	167	126
Processing of Sold Products ⁴	N/A	N/A	N/A	N/A	N/A
Use of Sold Products ⁴	N/A	N/A	N/A	N/A	N/A
End of Life Treatment of Sold Products ^{1,6}	7	7	7	7	7
Downstream Leased Assets ⁴	N/A	N/A	N/A	N/A	N/A
Franchises ⁴	N/A	N/A	N/A	N/A	N/A
Investments ^{1,2}	238,326	79,477	51,012	49,471	43,241
Total Scope 3 GHG Emissions	1,092,883	1,151,952	1,034,447	1,202,703	1,121,798



Scope 3 GHG Emissions Footnotes

1. *Scope 3 emissions based on primary data*
2. *Scope 3 emissions based on spend data (EEIO or supplier allocations)*
3. *Scope 3 verified emissions (FERA, waste, business air travel in all years; upstream transportation and distribution from 2022 onward)*
4. *N/A: These categories are not applicable to Gilead.*
Upstream leased assets: all leased assets are reported in Gilead's Scope 1 and 2 emissions.
Processing of sold products: Gilead products are not subject to further processing after they are sold. Use of sold products: The use of Gilead's therapeutic products does not cause GHG emissions. Downstream leased assets: Gilead does not sublet sites.
Franchises: Gilead does not have franchises.
5. *Updated EEIO emissions methodology is reflected in 2019/2022/2023. 2020 and 2021 EEIO emissions may be updated in future.*
6. *Due to the immateriality of these emissions, the End of Life Treatment of Sold Products emissions have been held flat year-over-year.*



ENERGY CONSUMPTION MEGAWATT HOUR (MWh)	2019	2020	2021	2022	2023
Total Energy Consumption from Renewable Sources*	89,900	97,854	94,078	125,639	133,759
Purchased Electricity	89,793	97,668	89,575	115,475	122,543
Mobile Fuels	56	9	336	1,852	3,206
Onsite Solar	51	177	4,167	8,312	8,010
Total Energy Consumption from Non-renewable Sources	358,888	340,883	374,597	354,688	341,048
Distillate Fuel Oil	472	217	142	308	234
Mobile Fuels	79,546	44,053	56,994	75,702	81,433
Natural Gas	185,116	200,491	211,478	197,729	185,450
Other Stationary	8	5	6	17	16
Purchased Electricity	93,745	95,935	105,838	80,808	73,616
Purchased Heat/Steam/Cooling	-	182	139	125	300
Total Combined Energy Consumption	448,788	438,737	468,675	480,327	474,807
Data Coverage (as a percentage of global full-time employees)	100%	100%	100%	100%	100%

*This figure includes renewable energy purchased through the grid from public utilities and other sources.



BUILDING ENERGY INTENSITY KILOWATT HOURS PER SQUARE FOOT (kWh/SQ.FT.)	2019	2020	2021	2022	2023
Total Energy Intensity from Renewable Sources	12.4	12.2	11.4	14.6	15.2
Total Energy Intensity from Non-renewable Sources	38.7	36.9	38.7	33.0	30.3
Total Building Energy Intensity	51.1	49.0	50.1	47.6	45.5
NON-HAZARDOUS WASTE DISPOSAL METRIC TONS (MT)	2019	2020	2021	2022	2023
Composting	2,710	2,521	2,079	1,623	1,769
Incineration	27	30	34	8	9
Incineration with Energy Recovery	0	79	69	135	184
Landfill	6,562	4,174	3,712	3,278	2,693
Other	437	0	0	0	0
Recycling	4,993	4,109	3,469	3,946	4,058
Reuse	0	1	54	60	115
Total Non-hazardous Waste	14,728	10,914	9,417	9,051	8,829
Data Coverage (as a percentage of global full-time employees)	83%	88%	92%	96%	94%



HAZARDOUS WASTE DISPOSAL METRIC TONS (MT)	2019	2020	2021	2022	2023
Deep Well Injection	1,680	2,042	1,604	1,491	1,092
Incineration	1,049	1,020	817	919	881
Incineration with Energy Recovery	886	1,006	958	739	1,673
Landfill	0	195	246	601	142
Neutralization	0	1	0	117	18
Other	5	3	0	0	0
Recovery	4	19	14	8	11
Recycling	57	33	366	322	25
Total Hazardous Waste	3,680	4,319	4,005	4,196	3,842
Data Coverage (as a percentage of global full-time employees)	100%	100%	100%	100%	100%



WATER USAGE MEGALITERS (ML)	2019	2020	2021	2022	2023
Fire/Life Safety Water	0.3	0.7	0.4	0.5	0.6
Indoor Water	575.9	580.1	702.1	712.6	640.3
Irrigation Water	77.7	112.6	72.7	92.5	82.0
Total Water Usage	654	693	775	806	723
Data Coverage (as a percentage of global full-time employees)	78%	88%	88%	89%	88%

FLOOR AREA SQUARE FEET (SQ. FT.)	2019	2020	2021	2022	2023
Total Area of Facilities Under Operational Control	7.22M	8.05M	8.21M	8.46M	8.58M

