

Environmental Summary

	2012	2013	2014
Direct energy consumption (gigawatt-hour) ²	41.86	43.56	42.20
Direct energy consumption per person (MMBtu) ^{2,8}	7.06	7.59	7.28
Indirect energy consumption (gigawatt-hour) ³	271.06	275.74	275.23
Indirect energy consumption per person (kilowatt-hour) ^{3,8}	8,606	8,795	8,465
Direct CO2 emissions from operations (metric tons) ²	8,272	8,700	8,365
Indirect CO2 emissions from operations (metric tons) ^{3,4}	105,811	109,364	108,877
Indirect CO2 emissions from operations (Market Based metric tons) ³	40,476	37,310	39,681
CO2 emissions per person (Scope 1+2 metric tons) ^{3,4,5}	3.61	3.75	3.59
CO2 emissions per person (Market Based Scope 1+2 metric tons) ^{3,5}	1.55	1.47	1.48
Water consumption (Data Center + Office cubic feet in millions) ^{6,7}	20.75	18.92	19.59
Water consumption per person (Data Center + Office cubic feet) ^{6,7}	659	604	603
Water consumption (Office Only cubic feet in millions) ^{7,8}	18.58	16.77	17.04
Water consumption per person (Office Only cubic feet) ^{7,8}	591	535	524
Total Waste Stream (tons)	5,296	5,422	5,864
Total waste (tons)	2,126	1,968	1,667
Total waste per person (pounds)	129	119	102
Total recycling (tons)	3,169	3,454	4,197
Total recycling per person (pounds)	192	208	258
Diversion Rate	60%	64%	72%
Occupancy	31,497	31,351	32,516

¹ Environmental data for 2013 and 2012 has been restated to reflect adjustments to State Street’s methodology for calculating non-measured data values, as well as adjustments to State Street’s methodology for calculating travel greenhouse gas emissions to reflect more detailed input data, and as a result of Greenhouse Gas Protocol Corporate Standard methodology change. Data for 2014 incorporates these changes.

² Figures include estimated usage of natural gas

³ Estimated electric use is based on the US DOE CBECS survey

⁴ Excludes renewable energy credit purchase

⁵ Scope 1 and 2 only

⁶ Includes water usage for enterprise data centers

⁷ Includes estimated water usage

⁸ Data center consumption not reported

Total Real Estate Portfolio Reporting Coverage

The following chart shows the percentage of square footage as a proportion of the total real estate portfolio covered in this report. The square footage not reported is generally not available.

	<u>North America</u>	<u>Asia Pacific</u>	<u>EMEA</u>	<u>Global</u>
Natural Gas Usage (actual)	35.86%	1.54%	8.72%	46.12%
Natural Gas Usage (estimated)	18.23%	0.00%	2.34%	20.57%
Electricity Usage (actual)	50.69%	9.11%	21.66%	81.46%
Electricity Usage (estimated)	17.28%	0.59%	0.67%	18.54%
Water Usage (actual)	43.96%	5.11%	8.09%	63.31%
Water Usage (estimated)	23.08%	4.59%	8.09%	35.77%
Waste (actual)	42.92%	6.52%	9.87%	59.31%
Waste (estimated)	25.05%	3.19%	0.80%	29.03%
Energy Recovery (actual)	0.00%	0.00%	11.18%	11.18%
Energy Recovery (estimated)	0.00%	0.00%	0.61%	0.61%
Single Stream (actual)	48.71%	9.49%	14.47%	72.67%
Single Stream (estimated)	18.01%	0.21%	3.51%	21.74%
Confidential Paper/Shredding (actual)	62.28%	7.82%	19.84%	89.94%
Confidential Paper/Shredding (estimated)	4.83%	1.88%	2.49%	9.20%
Paper/Cardboard Recycling (actual)	13.09%	7.36%	14.94%	35.39%
Paper/Cardboard Recycling (estimated)	3.91%	2.34%	3.64%	9.90%
Composting (actual)	39.60%	2.72%	4.77%	47.09%
Composting (estimated)	3.37%	0.00%	0.00%	3.37%

Carbon Dioxide Equivalent (CO₂e) Emissions¹

	Scope 1		Scope 2		Scope 1 + 2		Scope 3 (Included in Totals)				Carbon Totals		Metrics	
	Total Scope 1 Carbon Emissions	Total Scope 2 Carbon Emissions	Total Scope 1 + 2 Carbon Emissions	Total Scope 1 Carbon Emissions	Total Scope 2 Carbon Emissions	Total Scope 1 + 2 Carbon Emissions	Total Scope 3 Carbon Emissions	CO ₂ e Indirect Scope 3 (Travel Only)	CO ₂ e Scope 3 Waste Emissions (Actual)	CO ₂ e Scope 3 Waste Emissions (Estimated)	Total Carbon Emissions REC Market	Total Carbon Emissions REC (Scope 1&2)	Total Carbon Emissions Per Person (Scope 1&2)	Total Carbon Emissions Per Person (Scope 3)
Global	7,823	105,811	113,634	48,299	7,007	23,654	54,354	371	278	78,656	192,739	48,947	3.61	1.53
2012	8,158	109,364	117,522	45,468	7,342	23,791	54,354	356	212	78,713	196,777	46,035	3.75	1.45
2013	7,909	108,877	116,787	47,590	7,214	25,325	54,354	876	476	81,031	198,273	48,942	3.59	1.46

Carbon Dioxide Equivalent (CO₂e) Emissions¹ Footnote: Environmental data for 2013 and 2012 has been restated to reflect adjustments to State Street's methodology for calculating non-measured data values, as well as to adjustments to State Street's methodology for calculating travel greenhouse gas emissions to reflect more detailed input data, and as a result of Greenhouse Gas Protocol Corporate Standard methodology change. Data for 2014 incorporates these changes.

Indirect Energy Usage—Electricity

Global	Data Center Usage		Office Usage		Total Usage (GWH)	Per Person (KWH)		
	Data Center Usage (kwh)	Data Center Usage (gwh)	Office Usage (kwh)	Office Usage (gwh)		Office Kwh Per Person	Data Center Kwh Per Person	Office + DC Per Person
2012	43,030,033	43	222,671,649	223	266	7,080	893,357	8,436
2013	46,749,318	47	223,229,972	223	270	7,123	3,690,736	8,611
2014	49,129,569	49	219,969,756	220	269	6,767	4,754,474	8,276

Direct energy (MMBtu)—Natural Gas

Global	Office Usage	Data Center Usage	Total Usage	Total MMBTU Per Person
2012	140,181	2,650	142,831	7
2013	145,475	3,144	148,619	8
2014	140,967	3,036	144,003	7

Water Usage (Cubic Feet)

Global	Water - Usage			Cubic Feet Per Person			Cubic Feet Per SqFt
	Office Usage CF	Data Center Usage CF	Total Usage CF	Office CF Per Person	Data Center CF Per Person	Office + DC CF Per Person	
2012	18,581,969	2,165,891	20,747,860	591	44,967	659	2.64
2013	16,766,103	2,158,775	18,924,878	535	170,430	604	2.39
2014	17,039,199	2,555,250	19,594,449	524	247,282	603	2.42

Waste & Recycling Diversion Rate¹ (US Short Tons)

	Waste Streams							Totals			Metrics	
	Waste ⁽²⁾ to Energy	Composting	Shredding	Single Stream	Paper & Cardboard Recycling	IT Recycling	Total Recycling	Total Waste & Recycling	Diversion Rate	Recycling w/o Compost	Waste Pounds Per Person	Recycled Pounds Per Person
Global												
2012	2,126	349	1,352	954	254	N/A	3,169	5,296	59.85%	2,821	129.08	192.40
2013	1,968	328	1,257	1,141	148	5	3,454	5,422	63.70%	3,126	118.79	208.48
2014	1,667	526	1,889	842	205	11	4,197	5,864	71.57%	3,672	102.41	257.85

(1) Estimated sites are included in data

(2) Disposal method for waste is landfill

Composting (US Short Tons)

	Tons Usage	Office Tons Per Person	Office Pounds Per Person	Office Pounds Per Sq Ft
Global				
2012	349	0.0256	51.2178	0.2074
2013	328	0.0250	50.0115	0.1955
2014	526	0.0338	67.6303	0.2860

Estimated carbon emissions from business travel (1) metric tons

(1) World Resources Institute (2008). GHG Protocol tool for mobile combustion. Version 4.0.

	Air		Car (2)		Rail		Total	
	Miles	Emission	Miles	Emission	Miles	Emission	Miles	Emission
Global Summary								
2012	87,580,436	23,159	1,627,755	691	1,361,924	252	90,570,115	24,102
2013	87,855,451	23,317	1,840,977	787	1,235,160	229	90,931,588	24,333
2014	94,817,150	24,811	1,817,185	701	1,500,598	268	98,134,934	25,781

Renewable Energy & Carbon Offset Purchases

	<u>Total Renewable Purchases (kWh)</u>	<u>Total Wind REC Purchase (kWh)</u>	<u>Total Hydro REC Purchase</u>	<u>Carbon Emissions Reduction (metric tons)</u>	<u>Total Carbon Offset Purchase</u>	<u>Total Carbon Emissions Reduction</u>
2012	199,000,000	199,000,000	2,114,000	145,575	24,396	169,971
2013	205,000,000	207,108,500	2,166,152	150,530	30,043	180,573
2014	211,020,000	213,189,000	2,169,000	151,234	33,000	184,234

Paper Consumption (US tons)

US Year 2012

Description

Total Tonnage 947
 % Virgin Paper 33%
 % Recycled Paper 67%

US Year 2013

Description

Total Tonnage 738
 % Virgin Paper 19%
 % Recycled Paper 81%

US Year 2014

Description

Total Tonnage 606
 % Virgin Paper 24%
 % Recycled Paper 76%

Europe Year 2012

Description

Total Tonnage 195
 % Virgin Paper 29%
 % Recycled Paper 71%

Europe Year 2013

Description

Total Tonnage 345
 % Virgin Paper 45%
 % Recycled Paper 55%

Europe Year 2014

Description

Total Tonnage 307
 % Virgin Paper 44%
 % Recycled Paper 56%

Canada Year 2012

Description

Total Tonnage 83
 % Virgin Paper 6%
 % Recycled Paper 94%

Canada Year 2013

Description

Total Tonnage 62
 % Virgin Paper 36%
 % Recycled Paper 64%

Canada Year 2014

Description

Total Tonnage 41
 % Virgin Paper 10%
 % Recycled Paper 90%

Asia Pacific Year 2012

Description

Total Tonnage 123

Asia Pacific Year 2013

Description

Total Tonnage 142

Asia Pacific Year 2014

Description

Total Tonnage 138