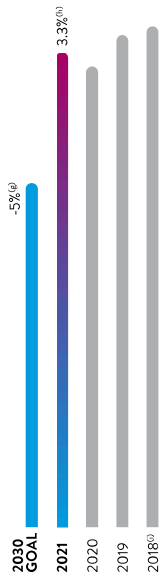


# Key Environmental Metrics — Energy and Emissions

## ENERGY AND EMISSIONS GLOBAL PERFORMANCE

### Scope 1 and 2 Carbon Emissions

1,000 Metric Tons CO<sub>2</sub>e



	Total (Scope 1 and Scope 2) Market-Based CO <sub>2</sub> e Emissions <sup>(1)(2)</sup>	Total (Scope 1 and Scope 2) Location-Based CO <sub>2</sub> e Emissions	Purchased Fuels (Scope 1) CO <sub>2</sub> e Emissions <sup>(3)</sup>	Refrigerant (Scope 1) CO <sub>2</sub> e Emissions <sup>(4)</sup>	Total Direct (Scope 1) CO <sub>2</sub> e Emissions	Purchased Energy (Scope 2) Market-Based CO <sub>2</sub> e Emissions <sup>(1)(2)</sup>	Purchased Energy (Scope 2) Location-Based CO <sub>2</sub> e Emissions <sup>(3)</sup>
	930	1,010	524	8	533	397	478
	900	977	489	9	498	402	479
	962	1,041	530	10	540	422	502
	980	1,056	525	10	535	445	520

### Scope 1 and 2 Carbon Emissions Intensity — Normalized to Sales

Metric Tons CO<sub>2</sub>e per \$ Million Sales



	Total (Scope 1 and Scope 2) Market-Based CO <sub>2</sub> e Emissions	Total Direct (Scope 1) CO <sub>2</sub> e Emission <sup>(3)</sup>	Purchased Energy (Scope 2) Market-Based CO <sub>2</sub> e Emissions <sup>(1)(2)</sup>	Purchased Energy (Scope 2) Location-Based CO <sub>2</sub> e Emissions <sup>(3)</sup>
	22	12	9	11
	26	14	12	14
	30	17	13	16
	32	18	15	17

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

**KEY ENVIRONMENTAL METRICS — ENERGY AND EMISSIONS CONTINUED**  
ENERGY AND EMISSIONS GLOBAL PERFORMANCE CONTINUED

**Scope 1 and 2 CO<sub>2</sub>e Emissions by Division**  
1,000 Metric Tons CO<sub>2</sub>e

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Scope 1 and 2 Carbon Emissions</b>				
Established Pharmaceuticals	142	140	133	133
Nutrition	368	360	342	351
Diagnostics	96	97	100	109
Medical Devices	106	94	92	86
Corporate	267	272	232	250

**Scope 1 and 2 CO<sub>2</sub>e Emissions Intensity by Division — Normalized to Sales**  
Metric Tons CO<sub>2</sub>e per \$Million Sales

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Scope 1 and 2 Carbon Emissions</b>				
Established Pharmaceuticals	32	31	31	28
Nutrition	51	49	45	42
Diagnostics	13	13	9	7
Medical Devices	9	8	8	6

**Scope 1 and 2 Carbon Emissions by Energy Source<sup>(2)</sup>**  
1,000 Metric Tons CO<sub>2</sub>e — Market-Based Factors

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Stationary Sources</b>				
Electricity (Purchased)	439	417	397	392
Natural Gas	384	374	370	386
Fuel Oils	4	4	4	7
Coal	0	0	0	0
Misc. Fuels	12	12	13	13
Purchased Steam, Hot Water and Chilled Water	6	6	5	5
Biofuels	0	0	0	0
Generated Electricity (Cogeneration)	0	0	0	0
Generated Electricity (Renewables)	0	0	0	0
<b>Stationary Total</b>	<b>844</b>	<b>813</b>	<b>788</b>	<b>804</b>
<b>Mobile Sources</b>				
Sales Fleet Gasoline	92	98	72	90
Sales Fleet Diesel	26	34	25	22
Aviation Fuel	6	6	4	5
Plant/Shuttle Fleet (Diesel, Gasoline, E85, Propane)	1	2	1	1
<b>Mobile Total</b>	<b>125</b>	<b>140</b>	<b>103</b>	<b>118</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

## KEY ENVIRONMENTAL METRICS – ENERGY AND EMISSIONS CONTINUED

ENERGY AND EMISSIONS GLOBAL PERFORMANCE CONTINUED

### Scope 3 Carbon Emissions<sup>(p)</sup> Percentage of Total Emissions



### Biogenic Emissions Metric Tons



### Other Emissions<sup>(q)</sup> 1,000 Metric Tons

	2018 <sup>(p)</sup>	2019	2020	2021
Volatile Organic Compound (VOC) Emissions	1.23	1.15	1.32	1.50
Sulfur Oxide (SO <sub>x</sub> ) from Combustion	0.06	0.05	0.05	0.05
Nitrous Oxide (NO <sub>x</sub> ) from Combustion	0.33	0.33	0.32	0.35
Particulate Matter	0.07	0.06	0.06	0.08

### Other Emissions Intensity – Normalized to Sales<sup>(q)</sup> Metric Tons per \$ Million Sales

	2018 <sup>(p)</sup>	2019	2020	2021
Volatile Organic Compound (VOC) Emissions	0.040	0.036	0.038	0.035
Sulfur Oxide (SO <sub>x</sub> ) from Combustion	0.002	0.002	0.001	0.001
Nitrous Oxide (NO <sub>x</sub> ) from Combustion	0.011	0.010	0.010	0.008
Particulate Matter	0.002	0.002	0.002	0.002

### Energy Consumption 1,000 Gigajoules

	2018 <sup>(p)</sup>	2019	2020	2021
Purchased Fuels (Scope 1) <sup>(p)</sup>	9,527	9,554	8,919	9,494
Purchased Energy (Scope 2) <sup>(p)</sup>	4,341	4,359	4,431	4,632
<b>Total (Scope 1 and Scope 2) Energy Consumption</b>	<b>13,869</b>	<b>13,913</b>	<b>13,350</b>	<b>14,126</b>

### Energy Consumption Intensity – Normalized to Sales Gigajoules per \$ Million Sales

	2018 <sup>(p)</sup>	2019	2020	2021
Purchased Fuels (Scope 1) <sup>(p)</sup>	312	299	258	221
Purchased Energy (Scope 2) <sup>(p)</sup>	142	137	128	108
<b>Total (Scope 1 and Scope 2) Energy Consumption</b>	<b>454</b>	<b>436</b>	<b>386</b>	<b>328</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

**KEY ENVIRONMENTAL METRICS – ENERGY AND EMISSIONS CONTINUED**  
ENERGY AND EMISSIONS GLOBAL PERFORMANCE CONTINUED

**Energy Consumption by Source<sup>(a)</sup>**  
1,000 Gigajoules

	2018 <sup>(b)</sup>	2019	2020	2021
<b>Stationary Sources</b>				
Electricity (Purchased)	4,226	4,251	4,341	<b>4,538</b>
Natural Gas	7,241	7,064	6,976	<b>7,290</b>
Fuel Oils	56	51	53	<b>95</b>
Coal	0	0	0	<b>0</b>
Misc. Fuels	140	149	159	<b>170</b>
Purchased Steam, Hot Water and Chilled Water	115	108	91	<b>94</b>
Biofuels	9	10	8	<b>8</b>
Generated Electricity (Cogeneration)	236	231	213	<b>196</b>
Generated Electricity (Renewables)	5	4	5	<b>7</b>
<b>Stationary Total</b>	<b>12,028</b>	<b>11,867</b>	<b>11,846</b>	<b>12,398</b>
<b>Mobile Sources</b>				
Sales Fleet Gasoline	1,360	1,448	1,071	<b>1,326</b>
Sales Fleet Diesel	367	482	353	<b>315</b>
Aviation Fuel	95	93	61	<b>69</b>
Plant/Shuttle Fleet (Diesel, Gasoline, E85, Propane)	19	22	19	<b>18</b>
<b>Mobile Total</b>	<b>1,840</b>	<b>2,045</b>	<b>1,504</b>	<b>1,728</b>

**Renewable Electricity**  
Energy Consumed (1,000 Gigajoules)

	2018 <sup>(b)</sup>	2019	2020	2021
Generated On-Site from Renewables	5	4	5	<b>7</b>
Purchased Renewables from Third Party	542	545	605	<b>678</b>

**Electricity Consumption by Type**  
Purchased Energy Consumed (1,000 Gigajoules)

	2018 <sup>(b)</sup>	2019	2020	2021
Grid-Sourced Electricity	3,684	3,706	3,736	<b>3,859</b>
Renewable Energy	542	545	605	<b>678</b>
<b>Electricity Consumed Total</b>	<b>4,226</b>	<b>4,251</b>	<b>4,341</b>	<b>4,538</b>
% of Grid-Sourced Electricity	87%	87%	86%	<b>85%</b>
% of Renewable Energy Purchased	13%	13%	14%	<b>15%</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

## KEY ENVIRONMENTAL METRICS – ENERGY AND EMISSIONS CONTINUED ENERGY AND EMISSIONS REGIONAL PERFORMANCE

**Scope 1 and 2 Carbon Emissions by Region**  
1,000 Metric Tons CO<sub>2</sub>e – Market-Based (Corporate Emission Factors)

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Asia Pacific</b>				
China	30	31	31	34
India	34	38	38	41
Indonesia	3	4	4	4
Japan	2	2	3	2
Korea (South)	3	2	3	4
Malaysia	9	9	9	9
Pakistan	24	23	25	26
Singapore	45	44	43	44
Vietnam	3	3	4	3
Commercial and Other Buildings Region Total	81	74	58	66
<b>Region Total</b>	<b>234</b>	<b>230</b>	<b>218</b>	<b>234</b>
<b>Caribbean and Latin America</b>				
Argentina	7	7	7	5
Brazil	6	6	4	5
Chile	3	3	3	0
Colombia	3	3	3	4
Costa Rica	1	0	1	0
Mexico	13	13	13	13
Peru	2	2	1	1
Puerto Rico	11	10	13	13
Commercial and Other Buildings Region Total	21	24	25	16
<b>Region Total</b>	<b>67</b>	<b>68</b>	<b>71</b>	<b>59</b>
<b>Europe</b>				
Belgium	0	0	0	0
Germany	16	17	12	13
Ireland	31	31	30	31
Netherlands	35	31	31	34
Norway	0	2	2	0
Russia	27	23	22	22
Spain	10	10	9	9
Switzerland	0	0	0	0
United Kingdom	12	12	11	11
Commercial and Other Buildings Region Total	38	41	34	35
<b>Region Total</b>	<b>169</b>	<b>167</b>	<b>152</b>	<b>155</b>
<b>North America</b>				
Canada	15	17	13	15
U.S.	456	432	411	415
Commercial and Other Buildings Region Total	39	49	35	51
<b>Region Total</b>	<b>510</b>	<b>497</b>	<b>459</b>	<b>481</b>
<b>Total for All Regions</b>	<b>980</b>	<b>962</b>	<b>900</b>	<b>930</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

**KEY ENVIRONMENTAL METRICS – ENERGY AND EMISSIONS CONTINUED**  
ENERGY AND EMISSIONS REGIONAL PERFORMANCE CONTINUED

**Scope 1 (Direct) Carbon Emissions by Region**  
1,000 Metric Tons CO<sub>2</sub>e – Market-Based (Corporate Emission Factors)

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Asia Pacific</b>				
China	7	8	7	9
India	15	17	16	18
Indonesia	1	1	1	1
Japan	0	0	0	0
Korea (South)	0	0	0	0
Malaysia	0	0	0	0
Pakistan	20	20	21	20
Singapore	23	22	22	23
Vietnam	0	0	0	0
Commercial and Other Buildings Region Total	41	44	35	41
<b>Region Total</b>	<b>107</b>	<b>112</b>	<b>102</b>	<b>112</b>
<b>Caribbean and Latin America</b>				
Argentina	2	3	3	3
Brazil	4	4	3	3
Chile	0	0	0	0
Colombia	1	1	1	1
Costa Rica	0	0	0	0
Mexico	13	13	13	13
Peru	0	0	0	0
Puerto Rico	1	0	1	0
Commercial and Other Buildings Region Total	17	18	13	14
<b>Region Total</b>	<b>38</b>	<b>40</b>	<b>34</b>	<b>34</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Europe</b>				
Belgium	0	0	0	0
Germany	11	12	11	12
Ireland	30	31	30	31
Netherlands	35	31	31	34
Norway	–	–	0	0
Russia	17	13	13	11
Spain	4	4	5	6
United Kingdom	3	3	3	3
Commercial and Other Buildings Region Total	33	36	29	30
<b>Region Total</b>	<b>134</b>	<b>131</b>	<b>122</b>	<b>127</b>
<b>North America</b>				
Canada	9	10	9	12
U.S.	209	205	200	210
Commercial and Other Buildings Region Total	37	42	31	38
<b>Region Total</b>	<b>255</b>	<b>257</b>	<b>240</b>	<b>260</b>
<b>Total for All Regions</b>	<b>535</b>	<b>540</b>	<b>498</b>	<b>533</b>

**KEY ENVIRONMENTAL METRICS – ENERGY AND EMISSIONS CONTINUED**  
ENERGY AND EMISSIONS REGIONAL PERFORMANCE CONTINUED

**Scope 2 (Purchased Energy) Carbon Emissions by Region**  
1,000 Metric Tons CO<sub>2</sub>e – Market-Based (Corporate Emission Factors)

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Asia Pacific</b>				
China	23	23	23	25
India	19	22	22	23
Indonesia	3	3	3	3
Japan	2	2	3	2
Korea (South)	2	2	3	4
Malaysia	9	9	9	9
Pakistan	3	4	5	6
Singapore	22	21	21	21
Vietnam	3	2	4	3
Commercial and Other Buildings Region Total	40	30	23	25
<b>Region Total</b>	<b>126</b>	<b>118</b>	<b>115</b>	<b>122</b>
<b>Caribbean and Latin America</b>				
Argentina	5	5	4	3
Brazil	1	2	2	2
Chile	3	3	2	0
Colombia	3	2	2	3
Costa Rica	0	0	0	0
Mexico	0	0	0	1
Peru	1	1	1	1
Puerto Rico	11	10	12	13
Commercial and Other Buildings Region Total	4	6	12	3
<b>Region Total</b>	<b>28</b>	<b>28</b>	<b>36</b>	<b>25</b>

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Europe</b>				
Belgium	0	0	0	0
Germany	5	5	2	2
Ireland	0	0	0	0
Netherlands	0	0	0	0
Norway	0	2	2	0
Russia	10	9	10	10
Spain	6	6	4	3
Switzerland	0	0	0	0
United Kingdom	9	9	8	7
Commercial and Other Buildings Region Total	5	5	5	5
<b>Region Total</b>	<b>35</b>	<b>36</b>	<b>30</b>	<b>28</b>
<b>North America</b>				
Canada	6	6	4	3
U.S.	247	227	211	205
Commercial and Other Buildings Region Total	2	7	5	13
<b>Region Total</b>	<b>255</b>	<b>240</b>	<b>220</b>	<b>221</b>
<b>Total for All Regions</b>	<b>445</b>	<b>422</b>	<b>402</b>	<b>397</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

**KEY ENVIRONMENTAL METRICS – ENERGY AND EMISSIONS CONTINUED**  
ENERGY AND EMISSIONS REGIONAL PERFORMANCE CONTINUED

**Total Energy Consumption (Scope 1 and Scope 2) by Region**  
1,000 Gigajoules

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Asia Pacific</b>				
China	282	284	287	309
India	360	401	399	433
Indonesia	21	27	26	24
Japan	15	15	18	18
Korea (South)	37	37	52	66
Malaysia	48	50	51	52
Pakistan	414	392	432	387
Singapore	604	593	588	605
Vietnam	24	26	32	19
Commercial and Other Buildings Region Total	876	846	672	775
<b>Region Total</b>	<b>2,681</b>	<b>2,672</b>	<b>2,557</b>	<b>2,688</b>
<b>Caribbean and Latin America</b>				
Argentina	82	92	96	89
Brazil	139	139	103	115
Chile	28	31	26	26
Colombia	58	63	70	69
Costa Rica	106	109	106	106
Mexico	279	280	279	277
Peru	21	22	24	25
Puerto Rico	121	103	109	105
Commercial and Other Buildings Region Total	292	324	318	260
<b>Region Total</b>	<b>1,126</b>	<b>1,162</b>	<b>1,131</b>	<b>1,073</b>

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Europe</b>				
Belgium	3	3	3	3
Germany	321	315	304	324
Ireland	749	771	768	789
Netherlands	922	854	849	898
Norway	21	21	19	21
Russia	385	329	320	302
Spain	130	127	140	146
Switzerland	2	2	2	2
United Kingdom	140	133	131	140
Commercial and Other Buildings Region Total	559	597	498	515
<b>Region Total</b>	<b>3,233</b>	<b>3,153</b>	<b>3,034</b>	<b>3,139</b>
<b>North America</b>				
Canada	312	343	323	363
U.S.	5,949	5,895	5,804	6,149
Commercial and Other Buildings Region Total	568	688	502	714
<b>Region Total</b>	<b>6,829</b>	<b>6,926</b>	<b>6,629</b>	<b>7,226</b>
<b>Total for All Regions</b>	<b>13,869</b>	<b>13,913</b>	<b>13,350</b>	<b>14,126</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.



**KEY ENVIRONMENTAL METRICS – ENERGY AND EMISSIONS CONTINUED**  
ENERGY AND EMISSIONS REGIONAL PERFORMANCE CONTINUED

**Energy Consumption – Purchased Fuels (Scope 1) by Region**  
1,000 Gigajoules

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Asia Pacific</b>				
China	125	125	123	136
India	211	238	237	263
Indonesia	9	11	12	11
Japan	0	0	0	0
Korea (South)	2	3	3	6
Malaysia	1	1	1	1
Pakistan	382	360	389	327
Singapore	401	400	392	407
Vietnam	1	3	3	2
Commercial and Other Buildings Region Total	633	658	520	612
<b>Region Total</b>	<b>1,764</b>	<b>1,798</b>	<b>1,679</b>	<b>1,765</b>
<b>Caribbean and Latin America</b>				
Argentina	38	43	50	46
Brazil	98	92	40	56
Chile	4	6	5	1
Colombia	12	14	17	16
Costa Rica	4	3	3	2
Mexico	278	278	275	272
Peru	3	3	4	4
Puerto Rico	10	5	13	6
Commercial and Other Buildings Region Total	253	272	205	205
<b>Region Total</b>	<b>701</b>	<b>716</b>	<b>611</b>	<b>609</b>

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Europe</b>				
Belgium	1	1	1	1
Germany	213	207	198	215
Ireland	594	613	603	619
Netherlands	623	556	550	599
Norway	–	–	0	0
Russia	288	234	224	202
Spain	73	69	97	103
United Kingdom	56	52	50	55
Commercial and Other Buildings Region Total	483	528	418	438
<b>Region Total</b>	<b>2,331</b>	<b>2,259</b>	<b>2,140</b>	<b>2,233</b>
<b>North America</b>				
Canada	162	182	168	201
U.S.	4,018	3,975	3,863	4,106
Commercial and Other Buildings Region Total	551	624	458	581
<b>Region Total</b>	<b>4,731</b>	<b>4,781</b>	<b>4,489</b>	<b>4,887</b>
<b>Total for All Regions</b>	<b>9,527</b>	<b>9,554</b>	<b>8,919</b>	<b>9,494</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

**KEY ENVIRONMENTAL METRICS – ENERGY AND EMISSIONS CONTINUED**  
ENERGY AND EMISSIONS REGIONAL PERFORMANCE CONTINUED

**Energy Consumption – Purchased Energy (Scope 2) by Region**  
1,000 Gigajoules

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Asia Pacific</b>				
China	157	159	163	173
India	149	163	163	171
Indonesia	12	16	14	13
Japan	15	15	18	18
Korea (South)	35	35	49	60
Malaysia	47	49	50	51
Pakistan	32	32	43	59
Singapore	202	194	196	198
Vietnam	23	24	29	17
Commercial and Other Buildings Region Total	244	188	152	163
<b>Region Total</b>	<b>916</b>	<b>874</b>	<b>878</b>	<b>924</b>
<b>Caribbean and Latin America</b>				
Argentina	43	48	46	43
Brazil	41	47	63	59
Chile	24	25	21	24
Colombia	46	49	53	53
Costa Rica	102	106	103	104
Mexico	1	2	3	5
Peru	18	19	20	21
Puerto Rico	112	98	97	99
Commercial and Other Buildings Region Total	39	52	113	55
<b>Region Total</b>	<b>425</b>	<b>446</b>	<b>520</b>	<b>464</b>

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Europe</b>				
Belgium	2	2	2	1
Germany	107	108	106	109
Ireland	155	158	165	170
Netherlands	299	298	299	298
Norway	21	21	19	21
Russia	97	95	96	101
Spain	57	59	43	43
Switzerland	2	2	2	2
United Kingdom	85	81	81	85
Commercial and Other Buildings Region Total	76	69	80	77
<b>Region Total</b>	<b>902</b>	<b>894</b>	<b>894</b>	<b>906</b>
<b>North America</b>				
Canada	149	161	155	163
U.S.	1,931	1,920	1,941	2,043
Commercial and Other Buildings Region Total	17	64	44	133
<b>Region Total</b>	<b>2,097</b>	<b>2,145</b>	<b>2,140</b>	<b>2,339</b>
<b>Total for All Regions</b>	<b>4,341</b>	<b>4,359</b>	<b>4,431</b>	<b>4,632</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

**KEY ENVIRONMENTAL METRICS – ENERGY AND EMISSIONS CONTINUED**  
ENERGY AND EMISSIONS REGIONAL PERFORMANCE CONTINUED

**Electricity From Renewable Energy Sources by Region**  
1,000 Gigajoules

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Asia Pacific</b>				
Generated On-Site from Renewables	3	3	3	4
Renewables Generated by Third Party	0	0	2	0
<b>Region Total</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>4</b>
<b>Caribbean and Latin America</b>				
Generated On-Site from Renewables	1	1	1	1
Renewables Generated by Third Party	0	0	2	33
<b>Region Total</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>33</b>

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Europe</b>				
Generated On-Site from Renewables	1	1	2	2
Renewables Generated by Third Party	492	496	558	583
<b>Region Total</b>	<b>492</b>	<b>497</b>	<b>560</b>	<b>585</b>
<b>North America</b>				
Renewables Generated by Third Party	50	48	42	63
<b>Region Total</b>	<b>50</b>	<b>48</b>	<b>42</b>	<b>63</b>
<b>Total for All Regions</b>	<b>546</b>	<b>549</b>	<b>611</b>	<b>685</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

# Key Environmental Metrics — Water

## WATER GLOBAL PERFORMANCE

**Water Intake**  
Billion Gallons



**Water Intake Intensity — Normalized to Sales**  
Gallons per \$1,000 Sales



**Water Intake — Water-Stressed Sites<sup>(2)</sup>**  
Billion Gallons



**Water Intake Intensity — Water-Stressed Sites — Normalized to Sales<sup>(2)</sup>**  
Gallons per \$1,000 Sales



**Water Discharged**  
Billion Gallons

	2018 <sup>(1)</sup>	2019	2020	2021	% Change From 2020 to 2021
<b>Total Water Discharged (Impaired)</b>	2.37	2.44	2.33	2.48	+6%
Total Water Discharged (Non-Impaired)	0.49	0.49	0.51	0.53	+4%

**Water Discharged Intensity — Normalized to Sales**  
Gallons per \$1,000 Sales

	2018 <sup>(1)</sup>	2019	2020	2021	% Change From 2020 to 2021
<b>Total Water Discharged (Impaired)</b>	78	76	67	58	-14%
Total Water Discharged (Non-Impaired)	16	15	15	12	-17%

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

**KEY ENVIRONMENTAL METRICS – WATER CONTINUED**  
WATER GLOBAL PERFORMANCE CONTINUED

**Water Consumed in Process**  
Billion Gallons

	2018 <sup>(1)</sup>	2019	2020	2021	% Change From 2020 to 2021
<b>Total Water Consumed</b>	0.71	0.61	0.67	0.64	-4%

**Water Consumed**  
Thousand Cubic Meters

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Water Consumed in Process</b>	2,668.3	2,306.7	2,524.4	2,418.7

**Water Withdrawal<sup>(3)</sup>**  
Thousand Cubic Meters

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Total Water Intake</b>	13,479.4	13,402.2	13,285.0	13,808.3

**Water Withdrawal by Source<sup>(3)</sup>**  
Billion Gallons

	2018 <sup>(1)</sup>	2019	2020	2021
Fresh Surface Water	0.13	0.13	0.14	0.14
Groundwater	0.62	0.62	0.63	0.67
Municipal Supply	2.79	2.78	2.73	2.83
Rainwater	0.01	0.01	0.01	0.01
Other	0.003	0.003	0.001	0.0004
<b>Total Water Intake</b>	3.56	3.54	3.51	3.65

**Water Consumed in Process Intensity – Normalized to Sales**  
Gallons per \$1,000 Sales

	2018 <sup>(1)</sup>	2019	2020	2021	% Change From 2020 to 2021
<b>Total Water Consumed</b>	23	19	19	15	-23%

**Water Consumed Intensity – Normalized to Sales**  
Cubic Meters per \$1,000 Sales

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Water Consumed in Process</b>	87	72	73	56

**Water Withdrawal Intensity – Normalized to Sales<sup>(3)</sup>**  
Cubic Meters per \$1,000 Sales

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Total Water Intake</b>	441	420	384	321

**Water Recycled**  
Billion Gallons

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Recycled Water</b>	0.39	0.32	0.41	0.32

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

## KEY ENVIRONMENTAL METRICS – WATER CONTINUED WATER REGIONAL PERFORMANCE

### Water Intake by Region Billion Gallons

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Asia Pacific</b>				
China	0.09	0.09	0.10	0.10
India	0.14	0.15	0.14	0.15
Indonesia	0.01	0.01	0.01	0.01
Japan	0.00	0.00	0.00	0.00
Korea (South)	0.01	0.01	0.01	0.01
Malaysia	0.03	0.02	0.02	0.02
Pakistan	0.15	0.14	0.14	0.16
Singapore	0.20	0.19	0.20	0.21
Vietnam	0.01	0.01	0.01	0.01
<b>Region Total</b>	<b>0.63</b>	<b>0.61</b>	<b>0.61</b>	<b>0.67</b>
<b>Caribbean and Latin America</b>				
Argentina	0.04	0.05	0.04	0.04
Brazil	0.02	0.02	0.02	0.02
Chile	0.02	0.02	0.01	0.01
Colombia	0.02	0.02	0.02	0.02
Costa Rica	0.03	0.03	0.02	0.03
Mexico	0.03	0.04	0.03	0.03
Peru	0.01	0.01	0.00	0.01
Puerto Rico	0.02	0.02	0.02	0.02
<b>Region Total</b>	<b>0.18</b>	<b>0.20</b>	<b>0.18</b>	<b>0.17</b>
<b>Europe</b>				
Belgium	0.00	0.00	0.00	0.00
Germany	0.04	0.05	0.05	0.05
Ireland	0.19	0.18	0.18	0.19
Netherlands	0.37	0.35	0.36	0.37
Norway	0.00	0.00	0.00	0.00
Russia	0.09	0.06	0.06	0.05
Spain	0.07	0.07	0.07	0.08
Switzerland	0.00	0.00	0.00	0.00
United Kingdom	0.01	0.01	0.01	0.01
<b>Region Total</b>	<b>0.76</b>	<b>0.71</b>	<b>0.73</b>	<b>0.75</b>
<b>North America</b>				
Canada	0.20	0.22	0.20	0.23
U.S.	1.78	1.80	1.78	1.82
<b>Region Total</b>	<b>1.99</b>	<b>2.02</b>	<b>1.98</b>	<b>2.06</b>
<b>Total for All Regions</b>	<b>3.56</b>	<b>3.54</b>	<b>3.51</b>	<b>3.65</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

# Key Environmental Metrics — Waste

## WASTE GLOBAL PERFORMANCE

### Diversion Rate<sup>(v),(w)</sup>

Percentages



### Total Waste<sup>(v)</sup>

U.S. Tons



### Total Waste Intensity — Normalized to Sales<sup>(v)</sup>

U.S. Tons per \$ Million Sales



	Total	Total Waste Not Landfilled	Total Waste Landfilled	Total Waste Recycled
	76,490	57,793	18,697	38,317
2020	67,194	50,792	16,402	31,292
2019	70,219	53,635	16,583	30,294
2018 <sup>(i)</sup>	66,087	47,982	18,105	28,949

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

**KEY ENVIRONMENTAL METRICS — WASTE CONTINUED**  
WASTE GLOBAL PERFORMANCE CONTINUED

**Total Hazardous Waste<sup>(v)</sup>**

U.S. Tons — Manufacturing, Commercial, Noncommercial



**Total Hazardous Waste Intensity — Normalized to Sales<sup>(v)</sup>**

U.S. Tons per \$ Million Sales



**Total Nonhazardous Waste<sup>(v)</sup>**

U.S. Tons — Manufacturing, Commercial, Noncommercial



**Total Nonhazardous Waste Intensity — Normalized to Sales<sup>(v)</sup>**

U.S. Tons per \$ Million Sales



	Hazardous Waste Not Landfilled	Hazardous Waste Landfilled	Total Hazardous Waste
2021	8,374	198	8,572
2020	9,561	1,611	11,172
2019	7,793	569	8,362
2018 <sup>(i)</sup>	6,696	560	7,256

	Nonhazardous Waste Not Landfilled	Nonhazardous Waste Landfilled	Total Nonhazardous Waste
2021	49,419	18,499	67,918
2020	41,231	14,791	56,022
2019	45,840	16,016	61,856
2018 <sup>(i)</sup>	41,287	17,545	58,833

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.



## KEY ENVIRONMENTAL METRICS — WASTE CONTINUED

WASTE GLOBAL PERFORMANCE CONTINUED

### Beneficial Use<sup>(w),(x)</sup> U.S. Tons



### 2021 Beneficial Use by Waste Type<sup>(w)</sup> U.S. Tons/Percentages

Waste Type	Quantity (U.S. Tons)	%
Cafeteria	1,549	1%
Construction & Demolition	5,191	4%
Nutrition Waste	77,437	65%
Corrugate/Cardboard	1,476	1%
Wood	5,531	5%
Production Waste	7,864	7%
Production Byproduct	7,105	6%
Other	12,816	11%
<b>Total Beneficial Use</b>	<b>118,970</b>	<b>100%</b>

### Breakdown of Waste by Fate<sup>(x)</sup> Percentages

Waste Fate	2018 <sup>(x)</sup>	2019	2020	2021
Landfilled	27.9%	23.6%	24.4%	24.4%
Incinerated without Energy	3.8%	3.9%	4.8%	5.1%
Incinerated with Energy	19.9%	27.0%	21.5%	18.8%
Recycled	44.3%	43.1%	46.6%	50.1%
Other, Not Landfilled	4.2%	2.4%	2.7%	1.6%

### IT Equipment Resold and Recycled U.S. Tons

Category	2019	2020	2021
Total Resold	73	61	67
Total Recycled	150	177	212

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

## KEY ENVIRONMENTAL METRICS – WASTE CONTINUED WASTE REGIONAL PERFORMANCE

### Total Waste by Region<sup>(w)</sup>

U.S. Tons

	2018 <sup>(v)</sup>	2019	2020	2021
<b>Asia Pacific</b>				
China	2,903	2,952	1,565	2,038
India	2,170	2,532	2,809	3,732
Indonesia	28	26	20	23
Japan	561	612	604	641
Korea (South)	581	581	755	1,715
Malaysia	142	120	104	118
Pakistan	662	610	574	633
Singapore	2,648	2,127	2,166	2,150
Vietnam	70	82	78	92
Commercial and Other Buildings Region Total	1,569	2,219	2,162	1,695
<b>Region Total</b>	<b>11,334</b>	<b>11,861</b>	<b>10,836</b>	<b>12,836</b>
<b>Caribbean and Latin America</b>				
Argentina	498	592	530	566
Brazil	637	709	760	872
Chile	633	617	513	517
Colombia	1,638	1,666	1,674	1,486
Costa Rica	1,593	1,369	1,138	1,180
Mexico	459	401	363	276
Peru	339	322	312	306
Puerto Rico	726	543	452	408
Commercial and Other Buildings Region Total	658	459	368	356
<b>Region Total</b>	<b>7,180</b>	<b>6,678</b>	<b>6,109</b>	<b>5,967</b>

	2018 <sup>(v)</sup>	2019	2020	2021
<b>Europe</b>				
Belgium	382	433	325	328
Germany	3,062	3,457	3,309	3,334
Ireland	4,016	8,057	3,357	3,428
Netherlands	4,653	5,797	6,313	5,896
Norway	356	356	334	413
Russia	1,072	963	4,879	4,931
Spain	1,238	973	907	1,181
Switzerland	40	45	37	36
United Kingdom	1,006	1,162	1,076	1,015
Commercial and Other Buildings Region Total	739	810	726	596
<b>Region Total</b>	<b>16,563</b>	<b>22,050</b>	<b>21,262</b>	<b>21,158</b>
<b>North America</b>				
Canada	728	828	822	819
U.S.	30,153	28,498	27,721	35,235
Commercial and Other Buildings Region Total	129	303	444	474
<b>Region Total</b>	<b>31,011</b>	<b>29,629</b>	<b>28,987</b>	<b>36,529</b>
<b>Total for All Regions</b>	<b>66,087</b>	<b>70,219</b>	<b>67,194</b>	<b>76,490</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

**KEY ENVIRONMENTAL METRICS — WASTE CONTINUED**  
WASTE REGIONAL PERFORMANCE CONTINUED

**Hazardous Waste by Region<sup>(a)</sup>**  
U.S. Tons

	2018 <sup>(b)</sup>	2019	2020	2021
<b>Asia Pacific</b>				
China	68	82	143	238
India	298	490	528	733
Indonesia	14	15	14	20
Japan	31	31	35	62
Korea (South)	36	36	65	85
Malaysia	63	80	68	86
Pakistan	114	109	84	96
Singapore	19	28	14	21
Vietnam	42	51	40	49
Commercial and Other Buildings Region Total	157	24	158	78
<b>Region Total</b>	<b>842</b>	<b>947</b>	<b>1,151</b>	<b>1,468</b>
<b>Caribbean and Latin America</b>				
Argentina	251	337	291	289
Brazil	203	342	334	319
Chile	164	299	253	264
Colombia	298	304	323	328
Costa Rica	459	442	415	377
Mexico	80	45	51	38
Peru	100	124	132	131
Puerto Rico	47	44	25	27
Commercial and Other Buildings Region Total	66	7	20	65
<b>Region Total</b>	<b>1,668</b>	<b>1,944</b>	<b>1,845</b>	<b>1,838</b>

	2018 <sup>(b)</sup>	2019	2020	2021
<b>Europe</b>				
Belgium	2	14	11	17
Germany	739	781	696	557
Ireland	495	595	674	750
Netherlands	1,754	2,518	2,766	2,144
Norway	32	32	27	81
Russia	298	189	2,615	295
Spain	5	5	3	5
Switzerland	0	0	0	1
United Kingdom	131	183	131	175
Commercial and Other Buildings Region Total	74	27	70	72
<b>Region Total</b>	<b>3,530</b>	<b>4,345</b>	<b>6,994</b>	<b>4,096</b>
<b>North America</b>				
Canada	112	172	123	134
U.S.	1,091	950	941	862
Commercial and Other Buildings Region Total	13	5	117	173
<b>Region Total</b>	<b>1,216</b>	<b>1,126</b>	<b>1,182</b>	<b>1,170</b>
<b>Total for All Regions</b>	<b>7,256</b>	<b>8,362</b>	<b>11,172</b>	<b>8,572</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

**KEY ENVIRONMENTAL METRICS — WASTE CONTINUED**  
WASTE REGIONAL PERFORMANCE CONTINUED

**Nonhazardous Waste by Region<sup>(a)</sup>**  
U.S. Tons

	2018 <sup>(b)</sup>	2019	2020	2021
<b>Asia Pacific</b>				
China	2,835	2,870	1,421	1,800
India	1,872	2,041	2,281	2,999
Indonesia	14	11	6	3
Japan	529	581	570	579
Korea (South)	545	545	689	1,629
Malaysia	80	40	35	32
Pakistan	548	501	489	537
Singapore	2,629	2,099	2,152	2,128
Vietnam	29	31	38	42
Commercial and Other Buildings Region Total	1,412	2,194	2,004	1,616
<b>Region Total</b>	<b>10,493</b>	<b>10,913</b>	<b>9,685</b>	<b>11,367</b>
<b>Caribbean and Latin America</b>				
Argentina	246	255	238	277
Brazil	433	367	426	553
Chile	470	317	259	253
Colombia	1,339	1,363	1,350	1,158
Costa Rica	1,134	927	723	803
Mexico	379	356	311	238
Peru	239	198	180	175
Puerto Rico	679	500	427	381
Commercial and Other Buildings Region Total	592	453	348	291
<b>Region Total</b>	<b>5,512</b>	<b>4,735</b>	<b>4,263</b>	<b>4,129</b>

	2018 <sup>(b)</sup>	2019	2020	2021
<b>Europe</b>				
Belgium	379	419	314	311
Germany	2,323	2,676	2,613	2,778
Ireland	3,521	7,462	2,682	2,679
Netherlands	2,899	3,279	3,548	3,752
Norway	324	324	307	331
Russia	775	774	2,264	4,636
Spain	1,233	968	904	1,176
Switzerland	40	44	36	36
United Kingdom	875	978	945	840
Commercial and Other Buildings Region Total	665	783	655	524
<b>Region Total</b>	<b>13,033</b>	<b>17,706</b>	<b>14,268</b>	<b>17,062</b>
<b>North America</b>				
Canada	617	657	699	685
U.S.	29,062	27,548	26,779	34,373
Commercial and Other Buildings Region Total	116	298	327	302
<b>Region Total</b>	<b>29,795</b>	<b>28,503</b>	<b>27,805</b>	<b>35,359</b>
<b>Total for All Regions</b>	<b>58,833</b>	<b>61,856</b>	<b>56,022</b>	<b>67,918</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

# Environment, Health and Safety (EHS) Fines, Notices and Inspections

## EHS FINES, NOTICES OF VIOLATION AND GOVERNMENT AGENCY INSPECTIONS

### EHS Fines

U.S. Dollars

	2018 <sup>(1)</sup>	2019	2020	2021
Environmental Fines	0	16,700	0	0
Health and Safety Fines	3,000	0	1,200	0
<b>Total EHS Fines</b>	<b>3,000</b>	<b>16,700</b>	<b>1,200</b>	<b>0</b>

### EHS Notices of Violation (NOVs)

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Total EHS NOVs</b>	<b>7</b>	<b>4</b>	<b>5</b>	<b>22</b>

### EHS Government Agency Inspections<sup>(2)</sup>

	2018 <sup>(1)</sup>	2019	2020	2021
<b>Total EHS Inspections</b>	<b>148</b>	<b>190</b>	<b>187</b>	<b>178</b>

Totals and percentage changes may differ from listed metrics due to rounding. To ensure data accuracy, the most accurate number has been used. Refer to page 114 for endnotes.

# Metrics Endnotes

All environmental data has been adjusted to account for acquisitions and divestitures, in accordance with the methodology prescribed in the World Resources Institute/World Business Council for Sustainable Development (WRI/WBCSD) Greenhouse Gas Protocol (GHGP). We report data from acquisitions as soon as is practical. To that end, this data includes the acquisitions of St. Jude Medical, Glomed and Alere Inc. Furthermore, this data reflects the divestiture of Abbott Medical Optics.

- (a) Abbott Fund
- (b) 2021 marked the first year of our enhanced employee giving program. See page 35.
- (c) These percentages are as of December 31, 2020. Percentages represent a count of U.S. employees, excluding the rapid diagnostics business.
- (d) This includes Alere employees.
- (e) Legacy Alere is included in Health and Safety and Scope 3 metrics beginning in 2019. 2018 metrics do not include legacy Alere.
- (f) Annual incident rates are calculated per 100 employees, assuming the average employee works 40 hours per week and 50 weeks per year. This is equivalent to 200,000 hours worked.
- (g) This change represents 2021 progress toward our 2030 Goal of 30% reduction from 2018.
- (h) This is the percentage change from 2020 to 2021.
- (i) This is the baseline year.
- (j) Progress toward 2030 carbon goal is reported using the GHGP Scope 2 market-based methodology.
- (k) Scope 2 emissions are calculated using the GHGP market-based methodology. Per the GHGP, where market-based information is not available, location-based results have been used as proxy.
- (l) Reported Purchased Fuels Scope 1 sources consist of fuel consumed by manufacturing, R&D and warehouse facilities under Abbott's control; sales fleet; and Abbott-owned aviation.
- (m) Per the GHGP, Scope 1 Refrigerant CO<sub>2</sub>e emissions include only those covered in the Kyoto Protocol.
- (n) Reported Scope 2 sources consist of energy directly purchased by Abbott, such as electricity, steam, and hot and chilled water, as well as emissions from leased locations. Unless specified otherwise, emissions are calculated according to the GHGP Scope 2 location-based method.

- (o) Abbott's nonenergy-consumption greenhouse gas emissions, such as refrigerant releases and process air emissions, are omitted. The total CO<sub>2</sub> equivalents from nonenergy sources are noted in the Total Emissions (Scope 1 and 2) table.
- (p) All Scope 3 calculations are adjusted to account for updated spend metrics. Sourcing category spend allocations are subject to change year over year in alignment with business strategy. Legacy Alere included in metrics beginning in 2019; 2018 metrics do not include legacy Alere.
- (q) This reflects emissions from fuel combusted by manufacturing, R&D and warehouse facilities under Abbott's control.
- (r) Water-stressed locations have been determined using the WRI Aqueduct™ global water risk mapping tool. Sites rated as having high or extremely high baseline water stress in the tool are classified as being water stressed.
- (s) Water withdrawal is equivalent to water intake.
- (t) Abbott's diversion rate is calculated as follows: (Total Waste + Beneficial Use - Landfilled and Incineration without Energy Recovery)/Total Waste + Beneficial Use. Commercial and other building activities specific to beneficial use, are included in this rate starting in 2019.
- (u) In 2018, data represents manufacturing, R&D and warehouse facilities under Abbott's control. Nonmanufacturing data was not collected prior to 2019.
- (v) Waste-generation data does not include materials that are reused beneficially.
- (w) Abbott defines beneficial-use activities as sending material that otherwise would have been wasted off site to be used as an effective substitute for a commercial product or commodity. Beneficial-use material is used as is or in substantially the same form as it was generated.
- (x) The definition of "government agency inspection" was updated in 2017 by Abbott to include routine visits and sample collection from regulatory agencies or designated representatives.