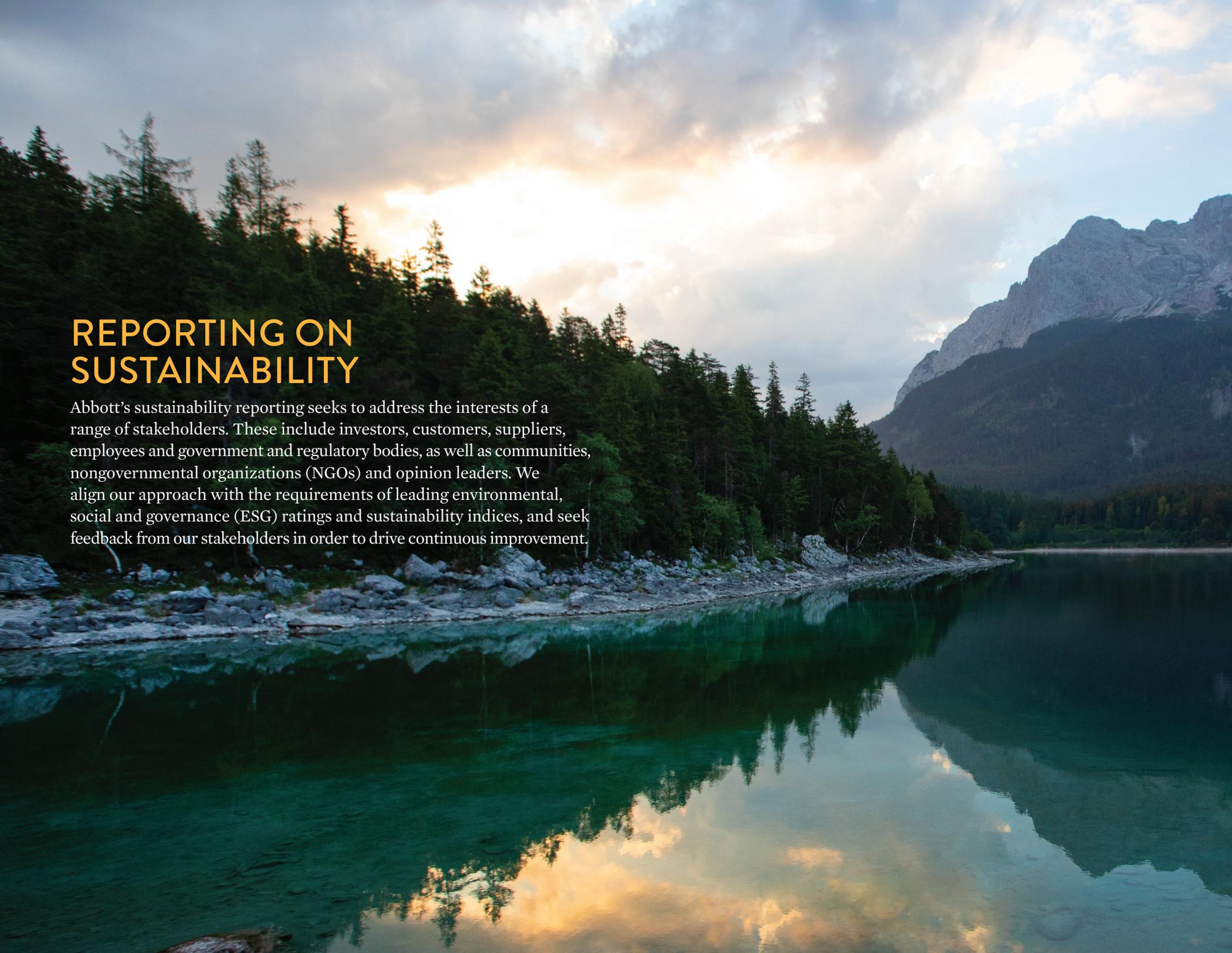




REPORTING ON SUSTAINABILITY

Key Metrics – Financial.....	5
Key Metrics – Social.....	6
Key Metrics – Environmental.....	9
Metrics References.....	30



REPORTING ON SUSTAINABILITY

Abbott's sustainability reporting seeks to address the interests of a range of stakeholders. These include investors, customers, suppliers, employees and government and regulatory bodies, as well as communities, nongovernmental organizations (NGOs) and opinion leaders. We align our approach with the requirements of leading environmental, social and governance (ESG) ratings and sustainability indices, and seek feedback from our stakeholders in order to drive continuous improvement.

Evolving Our Approach

We have been reporting on aspects of our sustainability activities since the early 1970s, when our first reports focused on our environmental impacts. Our approach to reporting has always evolved along with our business and the environment in which we operate. This year, we published the report with two distinct but complementary sections. The Sustainability Overview outlines how sustainability integrates with Abbott's business as a whole. The accompanying in-depth Performance Report analyzes our performance against sustainability key performance indicators (KPIs), along with important context on our governance and management approach to key sustainability issues.

Additional sustainability reports and performance updates, including country reports for key markets, can be found on the [Sustainability Reporting](#) page on our website.

Scope of This Report

- All financial information is stated in U.S. dollars.
- All data in this report reflects Abbott's activities, with a focus on 2018 results.
- The data included in this report does not include our rapid diagnostics business (formerly known as Alere) unless otherwise indicated. We plan to include complete data on our rapid diagnostics business in the 2019 Global Sustainability Report.
- Neither this report nor our website contains performance information about our joint ventures, unless otherwise noted.
- Select information and data calculations from prior years have been adjusted to reflect the company's separation from AbbVie in January 2013.
- The Abbott Fund is an Illinois not-for-profit philanthropic corporation established by Abbott in 1951.
- Our 2019 Global Sustainability Report will be published in the second quarter of 2020.

Reporting Feedback

We draw upon many external sources of expertise to develop and execute our sustainability strategy. These external experts also guide our engagements with key stakeholders, the development of our Responsibility website and the production of this sustainability report. We gratefully acknowledge the counsel we receive from Corporate Citizenship, SustainAbility, the Global Reporting Initiative (GRI) and the World Business Council for Sustainable Development, among others. Our engagement with these groups better informs our approach to reporting. It also keeps us abreast of stakeholder expectations and helps us identify areas of opportunity for strengthening stakeholder engagement. We also refer to external standards on reporting, such as the GRI G4 Sustainability Reporting Guidelines and the Sustainability Accounting Standards Board (SASB) standards.

We welcome feedback on our report. Please send us an email at responsibility@abbott.com to share yours.

Transparency on Policies

Our policies always seek to meet or exceed the national and international standards in the countries where we operate. The following critical policies can be found on our website:

- Code of Business Conduct
- Supplier Guidelines
- Position Statement on Conflict Minerals
- Environment Policy
- Energy Policy
- Water Policy
- Environmental Procurement Guidelines
- Global Environment, Health and Safety Standards
- Environmental and Safety Assurance Statement
- Anti-Corruption Training Guide for Companies Doing Business with Abbott
- Clinical Trial Registration and Results Disclosures
- Financial Reports for Healthcare-Related Organizations
- Stakeholder Engagement Policy
- Position Statement on Tax
- Commitment to Cybersecurity
- Position Statement on Human Rights
- Global Infant Formula Marketing Policy
- Global Animal Welfare Policy

External Assurance

Abbott engaged an independent assurance provider, Bureau Veritas, to conduct assurance of selected 2018 environmental and safety data. The [Environmental Policy](#) page on our website includes a PDF of the Bureau Veritas Assurance Statement.

KEY METRICS – FINANCIAL

SALES WORLDWIDE DOLLARS IN MILLIONS

	TOTAL
2018	\$30,578
2017	\$27,390
2016	\$20,853
2015	\$20,405

DIVIDENDS PAID DOLLARS IN MILLIONS

	TOTAL
2018	\$1,974
2017	\$1,849
2016	\$1,539
2015	\$1,443

R&D INVESTMENT DOLLARS IN MILLIONS

	TOTAL
2018	\$2,300
2017	\$2,260
2016	\$1,447
2015	\$1,405

SPEND ON DIRECT SUPPLIERS DOLLARS IN BILLIONS

	TOTAL
2018	\$8.4
2017	\$8.7
2016	\$8.5
2015	\$8.3

KEY METRICS – SOCIAL

EMPLOYEES

	TOTAL	% of Women in Management (U.S.)*	% of Minorities in Management (U.S.)*
2018	103,000 [†]	40%	34%
2017	99,000	43%	30%
2016	94,000	47%	31%
2015	74,000	46%	29%

U.S. EMPLOYEE GIVING CAMPAIGN RESULTS DOLLARS IN MILLIONS

	TOTAL
2018	\$6.58
2017	\$5.61
2016	\$5.60
2015	\$4.10

SOCIAL INVESTING DOLLARS IN MILLIONS

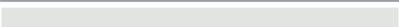
	TOTAL
2018	\$62.5
2017	\$65.0
2016	\$36.9
2015	\$37.0

*Percentages as of December 31, 2018. Percentages represent count of U.S. employees, excluding rapid diagnostics business. Management positions are defined as grades 17–49.

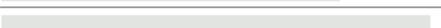
[†]Including Alere employees

KEY METRICS – SOCIAL

OCCUPATIONAL ILLNESS FREQUENCY RATE ILLNESSES PER MILLION HOURS (EMPLOYEE AND CONTRACTOR)

2018		0.2
2017		0.2
2016		0.2
2015		0.2

LOST-TIME CASE RATE CASES PER 100 WORKERS*

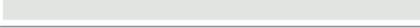
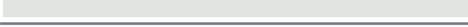
		TOTAL Employee and Contractor	Employee	Contractor
2020 GOAL		0.15		
2018	 0†	0.23	0.25	0.04
2017		0.23	0.25	0.04
2016		0.19	0.21	0.05
2015		0.24	0.25	0.08

*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.

†Change from 2017 to 2018

KEY METRICS – SOCIAL

RECORDABLE INJURY OR ILLNESS INCIDENT RATE INCIDENTS PER 100 WORKERS*

2018		0.40
2017		0.40
2016		0.36
2015		0.40

GLOBAL VEHICLE ACCIDENT RATE ACCIDENTS PER MILLION MILES DRIVEN (EMPLOYEE ONLY)

2020 GOAL		4.0
2018		4.1
2017		4.9
2016		5.3
2015		4.3

*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.

KEY METRICS – ENVIRONMENTAL

SCOPE 1 AND 2 CO₂e EMISSIONS – ABSOLUTE 1,000 METRIC TONS

			TOTAL (Scope 1 and Scope 2) Market-Based CO ₂ e Emissions ^{(a),(b)}	TOTAL (Scope 1 and Scope 2) Location-Based CO ₂ e Emissions	Purchased Fuels (Scope 1) CO ₂ e Emissions ^(c)	Refrigerant (Scope 1) CO ₂ e Emissions ^(d)	Total Direct (Scope 1) CO ₂ e Emissions	Purchased Energy (Scope 2) Market-Based CO ₂ e Emissions ^{(a),(b)}	Purchased Energy (Scope 2) Location-Based CO ₂ e Emissions ^(e)
2018		-4.3% [†]	955	1,032	516	9	525	429	506
2017			997	1,031	516	10	526	472	506
2016			1,091	1,061	502	14	516	574	544
2015			1,114	1,078	496	11	507	607	570
2010*			1,237	1,237	560	9	569	668	668

SCOPE 1 AND 2 CO₂e EMISSIONS – NORMALIZED BY SALES METRIC TONS PER \$ MILLION SALES

			TOTAL (Scope 1 and Scope 2) Market-Based CO ₂ e Emissions ^{(a),(b)}	TOTAL (Scope 1 and Scope 2) Location-Based CO ₂ e Emissions	Total Direct (Scope 1) CO ₂ e Emissions ^(c)	Purchased Energy (Scope 2) Market-Based CO ₂ e Emissions ^{(a),(b)}	Purchased Energy (Scope 2) Location-Based CO ₂ e Emissions ^(e)
2020 GOAL		-40% [‡]	34				
2018		-9.9% [†]	33	36	18	15	18
2017			37	38	20	18	19
2016			42	41	20	22	21
2015			45	43	20	24	23
2010*			57	57	26	31	31

*Baseline year

[†]% change from 2017 to 2018

[‡]% change from 2010 (goal)

KEY METRICS – ENVIRONMENTAL

SCOPE 3 CO₂e EMISSIONS** PERCENTAGE OF TOTAL EMISSIONS

	PERCENTAGE OF TOTAL
2018	93%
2017	93%
2016	93%
2015	91%

WATER INTAKE BILLION GALLONS

	TOTAL	Total Water-Stressed Locations ⁽¹⁾
2018	3.49	1.61
2017	3.42	1.62
2016	3.56	1.67
2015	3.45	1.66
2010*	3.61	1.61

WATER INTAKE – NORMALIZED BY SALES GALLONS PER \$1,000 SALES

	TOTAL	Total Water-Stressed Locations ⁽¹⁾
2020 GOAL	117	
2018	122	56
2017	128	60
2016	139	65
2015	139	67
2010*	167	74

*Baseline year

†% change from 2017 to 2018

‡% change from 2010 (goal)

**All Scope 3 calculations are adjusted to account for updated spend metrics.

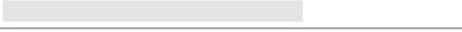
Sourcing category spend allocations are subject to change year over year in alignment with business strategy.

KEY METRICS – ENVIRONMENTAL

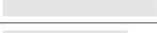
TOTAL WASTE TONS

		TOTAL ^(e)	Total Waste Not Landfilled	Total Waste Landfilled	Total Waste Recycled
2018		59,324	44,247	15,076	27,934
2017		60,269	43,190	17,079	27,481
2016		63,341	48,554	14,787	31,603
2015		65,733	50,553	15,180	31,222
2010*		80,442	51,074	29,368	35,437

TOTAL WASTE – NORMALIZED BY SALES TONS PER \$ MILLION SALES

		TOTAL
2020 GOAL		1.86
2018		2.08
2017		2.24
2016		2.47
2015		2.65
2010*		3.73

PACKAGING REDUCTION MILLION POUNDS OF PACKAGING

		Cumulative Reduction (%)	Cumulative Reduction (MM lb.)
2020 GOAL		-10% [‡]	30
2018		13.95%	41.3
2017		11.52%	34.1
2016		6.46%	19.1
2015		5.21%	15.4
2010*		0%	0

*Baseline year

†% change from 2017 to 2018

‡% change from 2010 (goal)

DETAILED
ENVIRONMENTAL
PERFORMANCE

CO₂e Emissions

TOTAL SCOPE 1 AND 2 CO₂e EMISSIONS BY REGION^(a) 1,000 METRIC TONS

	2010*	2016	2017	2018
NORTH AMERICA				
Canada	25	17	18	18
USA	671	523	493	491
Region Total	697	540	511	509
CARIBBEAN AND LATIN AMERICA				
Argentina	12	16	12	11
Brazil	3	5	11	9
Chile	4	4	4	3
Colombia	1	2	3	3
Costa Rica	0	2	0	1
Mexico	16	14	13	13
Peru	1	1	1	2
Puerto Rico	57	12	14	11
Commercial Region Total ^(b)	25	24	28	20
Region Total	120	80	86	73

	2010*	2016	2017	2018
EUROPE				
Belgium	0	0	0	0
Germany	31	25	23	22
Ireland	66	56	47	48
Netherlands	71	66	70	74
Russia	17	23	25	27
Spain	11	9	8	8
Sweden	0	0	0	0
Switzerland	0	0	0	0
United Kingdom	17	10	9	8
Commercial Region Total ^(b)	42	40	46	39
Region Total	255	229	229	227
ASIA PACIFIC				
China	5	21	19	18
India	18	39	37	45
Japan	1	1	1	1
Malaysia	0	9	9	9
Pakistan	19	21	22	24
Singapore	45	43	43	45
Vietnam	1	1	2	3
Commercial Region Total ^(b)	74	73	72	74
Region Total	165	212	206	222
Total	1,237	1,061	1,031	1,032

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

CO₂e DIRECT EMISSIONS (SCOPE 1) BY REGION
1,000 METRIC TONS

	2010*	2016	2017	2018
NORTH AMERICA				
Canada	14	11	11	11
USA	292	241	242	241
Region Total	306	252	253	252
CARIBBEAN AND LATIN AMERICA				
Argentina	6	7	4	3
Brazil	2	2	9	8
Chile	1	0	0	0
Colombia	0	0	0	1
Costa Rica	0	0	0	0
Mexico	15	14	12	13
Peru	0	0	0	0
Puerto Rico	2	0	4	1
Commercial Region Total	22	21	25	16
Region Total	49	45	54	42

	2010*	2016	2017	2018
EUROPE				
Belgium	0	0	0	0
Germany	11	13	11	11
Ireland	38	32	29	30
Netherlands	41	32	34	35
Russia	13	14	15	17
Spain	5	6	4	5
Sweden	0	0	0	0
Switzerland	0	0	0	0
United Kingdom	5	3	3	3
Commercial Region Total	32	30	36	31
Region Total	145	130	133	132
ASIA PACIFIC				
China	1	9	8	7
India	1	11	11	15
Indonesia	0	1	1	1
Japan	0	0	0	0
Malaysia	0	0	0	0
Pakistan	16	18	19	20
Singapore	18	21	20	23
Vietnam	0	0	0	0
Commercial Region Total	31	30	29	34
Region Total	69	90	86	100
Total	569	516	526	525

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

CO₂e EMISSIONS – PURCHASED ENERGY (SCOPE 2) BY REGION^(c)
1,000 METRIC TONS

	2010*	2016	2017	2018
NORTH AMERICA				
Canada	11	7	7	7
USA	379	282	251	250
Region Total	390	288	258	257
CARIBBEAN AND LATIN AMERICA				
Argentina	6	9	9	8
Brazil	1	3	2	1
Chile	3	3	3	3
Colombia	1	2	2	3
Costa Rica	0	2	0	0
Mexico	0	0	1	0
Peru	1	1	1	1
Puerto Rico	54	11	10	11
Commercial Region Total ^(h)	3	3	3	4
Region Total	70	35	31	32

	2010*	2016	2017	2018
EUROPE				
Belgium	0	0	0	0
Germany	20	12	11	11
Ireland	28	24	18	18
Netherlands	30	34	37	39
Russia	4	8	10	10
Spain	6	4	4	4
Sweden	0	0	0	0
Switzerland	0	0	0	0
United Kingdom	12	7	7	6
Commercial Region Total ^(h)	9	9	9	7
Region Total	111	99	96	94
ASIA PACIFIC				
China	4	12	11	11
India	17	28	27	30
Indonesia	2	2	3	3
Japan	1	1	1	1
Malaysia	0	9	9	9
Pakistan	2	3	3	3
Singapore	26	22	23	22
Vietnam	1	1	2	3
Commercial Region Total ^(h)	43	43	43	41
Region Total	97	122	121	123
Total	668	544	506	506

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

Water Intake

WATER INTAKE BY REGION BILLION GALLONS

	2010*	2016	2017	2018
NORTH AMERICA				
Canada	0.22	0.16	0.16	0.20
USA	1.90	1.90	1.80	1.77
Region Total	2.12	2.06	1.96	1.97
CARIBBEAN AND LATIN AMERICA				
Argentina	0.08	0.09	0.07	0.07
Brazil	0.01	0.02	0.02	0.02
Chile	0.02	0.02	0.02	0.02
Colombia	0.01	0.02	0.02	0.02
Costa Rica	0.00	0.03	0.03	0.03
Mexico	0.04	0.04	0.03	0.03
Peru	0.01	0.01	0.01	0.01
Puerto Rico	0.16	0.03	0.03	0.02
Region Total	0.33	0.25	0.21	0.20

	2010*	2016	2017	2018
EUROPE				
Belgium	0.00	0.00	0.00	0.00
Germany	0.04	0.04	0.04	0.04
Ireland	0.17	0.17	0.17	0.18
Netherlands	0.40	0.34	0.35	0.37
Russia	0.08	0.07	0.07	0.05
Spain	0.06	0.07	0.07	0.07
Sweden	0.00	0.00	0.00	0.00
Switzerland	0.00	0.00	0.00	0.00
United Kingdom	0.01	0.00	0.00	0.00
Region Total	0.77	0.70	0.71	0.72
ASIA PACIFIC				
China	0.01	0.08	0.08	0.08
India	0.06	0.12	0.12	0.14
Indonesia	0.01	0.01	0.01	0.01
Japan	0.00	0.00	0.00	0.00
Malaysia	0.00	0.03	0.02	0.01
Pakistan	0.12	0.13	0.13	0.15
Singapore	0.19	0.19	0.19	0.20
Vietnam	0.00	0.00	0.00	0.01
Region Total	0.39	0.56	0.55	0.59
Total	3.61	3.56	3.42	3.49

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

Water Consumed (In Process)

**TOTAL
BILLION GALLONS**

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total Water Consumed	0.68	0.78	0.74	0.70	-4.8

**NORMALIZED BY SALES
GALLONS PER \$1,000 SALES**

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total Water Consumed	31	30	28	25	-10.4

Water Discharged (Impaired)

**TOTAL
BILLION GALLONS**

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total Water Discharged (Impaired)	2.26	2.22	2.19	2.30	5.2

**NORMALIZED BY SALES
GALLONS PER \$1,000 SALES**

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total Water Discharged (Impaired)	105	87	81	81	-0.9

*Baseline year

Water Discharged (Non-Impaired)

**TOTAL
BILLION GALLONS**

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total Water Discharged (Non-Impaired)	0.67	0.56	0.50	0.48	-3.0

**NORMALIZED BY SALES
GALLONS PER \$1,000 SALES**

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total Water Discharged (Non-Impaired)	31	22	19	17	-8.6

Biochemical Oxygen Demand (BOD) Concentration in Wastewater

MILLIGRAMS PER LITER

	2010*	2016	2017	2018	% Change From 2017 to 2018
Concentration in Wastewater Discharged to Environment ⁽¹⁾	6	8	16	10	-37.5

DETAILED
ENVIRONMENTAL
PERFORMANCE

Total Waste^(g)

TOTAL WASTE BY REGION TONS

	2010*	2016	2017	2018
NORTH AMERICA				
Canada	1,313	758	790	728
USA	41,973	29,609	28,600	27,334
Region Total	43,286	30,366	29,390	28,063
CARIBBEAN AND LATIN AMERICA				
Argentina	1,359	1,206	997	825
Brazil	680	660	615	637
Chile	580	776	708	633
Colombia	816	1,275	1,765	1,638
Costa Rica	0	1,222	1,332	1,461
Mexico	222	453	379	459
Peru	313	392	346	339
Puerto Rico	3,292	540	547	673
Commercial Region Total ^(h)	814	814	814	658
Region Total	8,076	7,338	7,502	7,322

*Baseline year

	2010*	2016	2017	2018
EUROPE				
Belgium	368	368	368	382
Germany	2,158	2,693	2,461	2,993
Ireland	5,216	4,521	4,091	4,116
Netherlands	6,670	4,419	4,660	4,640
Russia	1,206	1,358	1,094	1,072
Spain	738	1,305	1,251	1,238
Sweden	113	0	0	0
Switzerland	90	52	48	95
United Kingdom	1,260	1,195	702	800
Commercial Region Total ^(h)	817	817	817	739
Region Total	18,637	16,729	15,492	16,076
ASIA PACIFIC				
China	207	616	391	348
India	2,063	2,245	2,186	2,163
Indonesia	205	16	26	28
Japan	498	400	386	304
Malaysia	0	118	118	132
Pakistan	1,257	647	657	662
Singapore	3,993	2,654	1,836	2,587
Vietnam	49	40	114	70
Commercial Region Total ^(h)	2,172	2,172	2,172	1,569
Region Total	10,444	8,908	7,886	7,863
Total	80,442	63,341	60,269	59,324

DETAILED
ENVIRONMENTAL
PERFORMANCE

Hazardous Waste^(g)

**TOTAL
TONS**

	2010*	2016	2017	2018	% Change From 2017 to 2018
Hazardous Waste Not Landfilled	9,397	6,200	6,661	6,443	-3.3
Hazardous Waste Landfilled	786	658	550	496	-9.9
Total Hazardous Waste	10,183	6,858	7,212	6,939	-3.8

**NORMALIZED BY SALES
TONS PER \$ MILLION SALES**

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total Hazardous Waste	0.47	0.27	0.27	0.24	-9.4

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

HAZARDOUS WASTE BY REGION⁽⁶⁾
TONS

	2010*	2016	2017	2018
NORTH AMERICA				
Canada	149	143	128	112
USA	1,304	885	975	892
Region Total	1,453	1,028	1,103	1,003
CARIBBEAN AND LATIN AMERICA				
Argentina	603	564	544	401
Brazil	117	158	202	203
Chile	237	330	156	164
Colombia	198	183	251	298
Costa Rica	0	378	386	399
Mexico	33	116	62	80
Peru	79	113	96	100
Puerto Rico	1,596	63	55	53
Commercial Region Total ^(h)	123	123	123	66
Region Total	2,985	2,028	1,874	1,764

	2010*	2016	2017	2018
EUROPE				
Belgium	8	8	8	2
Germany	486	967	589	735
Ireland	536	451	457	514
Netherlands	3,283	1,414	1,685	1,741
Russia	294	94	417	298
Spain	3	7	4	5
Sweden	0	0	0	0
Switzerland	2	0	0	0
United Kingdom	481	84	64	67
Commercial Region Total ^(h)	66	66	66	74
Region Total	5,159	3,092	3,290	3,435

	2010*	2016	2017	2018
ASIA PACIFIC				
China	3	19	21	19
India	264	286	502	298
Indonesia	7	8	10	14
Japan	18	14	12	11
Malaysia	0	60	60	63
Pakistan	65	105	75	114
Singapore	24	12	20	19
Vietnam	16	17	53	42
Commercial Region Total ^(h)	190	190	190	157
Region Total	587	711	945	736
Total	10,183	6,858	7,212	6,939

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

Non-Hazardous Waste⁽⁶⁾

**TOTAL
TONS**

	2010*	2016	2017	2018	% Change From 2017 to 2018
Non-Hazardous Waste Not Landfilled	41,677	42,354	36,529	37,804	3.5
Non-Hazardous Waste Landfilled	28,582	14,129	16,529	14,580	-11.8
Total Non-Hazardous Waste	70,258	56,483	53,058	52,385	-1.3

**NORMALIZED BY SALES
TONS PER \$ MILLION SALES**

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total Non-Hazardous Waste	3.25	2.20	1.98	1.84	-7.0

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

NON-HAZARDOUS WASTE BY REGION^(e)
TONS

	2010*	2016	2017	2018
NORTH AMERICA				
Canada	1,164	615	662	617
USA	40,669	28,724	27,625	26,443
Region Total	41,833	29,338	28,287	27,059
CARIBBEAN AND LATIN AMERICA				
Argentina	756	642	453	423
Brazil	563	502	413	433
Chile	343	446	552	470
Colombia	618	1,092	1,514	1,339
Costa Rica	0	844	947	1,062
Mexico	190	337	317	379
Peru	234	279	250	239
Puerto Rico	1,696	477	491	620
Commercial Region Total ^(h)	691	691	691	592
Region Total	5,091	5,310	5,628	5,558

	2010*	2016	2017	2018
EUROPE				
Belgium	361	361	361	379
Germany	1,672	1,726	1,872	2,259
Ireland	4,679	4,071	3,634	3,602
Netherlands	3,388	3,005	2,975	2,899
Russia	912	1,264	677	775
Spain	735	1,298	1,247	1,233
Sweden	112	0	0	0
Switzerland	89	52	48	95
United Kingdom	779	1,111	637	733
Commercial Region Total ^(h)	751	751	751	665
Region Total	13,478	13,637	12,202	12,640

	2010*	2016	2017	2018
ASIA PACIFIC				
China	205	598	370	329
India	1,799	1,959	1,684	1,865
Indonesia	198	8	16	14
Japan	480	387	374	292
Malaysia	0	58	58	69
Pakistan	1,192	541	581	548
Singapore	3,968	2,642	1,816	2,568
Vietnam	33	23	60	29
Commercial Region Total ^(h)	1,982	1,982	1,982	1,412
Region Total	9,857	8,198	6,941	7,127
Total	70,258	56,483	53,058	52,385

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

Energy Consumption

1,000 GIGAJOULES

	2010*	2016	2017	2018	% Change From 2017 to 2018
Purchased Fuels (Scope 1) ^(c)	9,180	8,895	9,113	9,130	0.2
Purchased Energy (Scope 2)	5,217	4,492	4,403	4,265	-3.1
Total (Scope 1 and Scope 2) Energy Consumption	14,398	13,387	13,516	13,395	-0.9

NORMALIZED BY SALES GIGAJOULES PER \$ MILLION SALES

	2010*	2016	2017	2018	% Change From 2017 to 2018
Purchased Fuels (Scope 1)	425	347	339	320	-5.7
Purchased Energy (Scope 2)	242	175	164	150	-8.8
Total (Scope 1 and Scope 2) Energy Consumption	667	522	503	470	-6.7

Electricity Generated On Site

MILLION KILOWATT HOURS

	2010*	2016	2017	2018	% Change From 2017 to 2018
From Cogeneration	35.3	45.3	55.9	65.7	17.5
From Renewables	0.05	0.31	1.18	1.30	9.5

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

TOTAL SCOPE 1 AND SCOPE 2 ENERGY CONSUMPTION BY REGION
1,000 GIGAJOULES

	2010*	2016	2017	2018
NORTH AMERICA				
Canada	445	331	335	352
USA	7,117	6,501	6,464	6,394
Region Total	7,562	6,831	6,799	6,746
CARIBBEAN AND LATIN AMERICA				
Argentina	109	141	133	128
Brazil	81	84	188	172
Chile	40	36	32	28
Colombia	33	45	52	58
Costa Rica	0	101	102	105
Mexico	275	246	219	231
Peru	19	18	19	21
Puerto Rico	652	114	163	120
Commercial Region Total	424	404	463	301
Region Total	1,633	1,188	1,371	1,165

	2010*	2016	2017	2018
EUROPE				
Belgium	3	3	2	3
Germany	360	291	284	281
Ireland	728	741	660	675
Netherlands	961	825	870	923
Russia	265	336	357	385
Spain	144	155	125	140
Sweden	30	0	0	0
Switzerland	5	2	2	2
United Kingdom	175	109	117	124
Commercial Region Total	645	616	705	551
Region Total	3,317	3,078	3,121	3,085

	2010*	2016	2017	2018
ASIA PACIFIC				
China	27	215	192	185
India	140	282	272	360
Indonesia	15	20	21	21
Japan	10	8	8	9
Malaysia	0	49	46	48
Pakistan	306	313	311	350
Singapore	515	556	539	604
Vietnam	9	12	14	24
Commercial Region Total	862	834	822	798
Region Total	1,886	2,289	2,224	2,399
Total	14,398	13,387	13,516	13,395

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

ENERGY CONSUMPTION – PURCHASED FUELS (SCOPE 1) BY REGION
1,000 GIGAJOULES

	2010*	2016	2017	2018
NORTH AMERICA				
Canada	253	187	193	194
USA	4,772	4,493	4,512	4,488
Region Total	5,024	4,679	4,705	4,682
CARIBBEAN AND LATIN AMERICA				
Argentina	47	57	52	51
Brazil	25	18	134	131
Chile	13	7	5	4
Colombia	7	7	9	12
Costa Rica	0	2	2	3
Mexico	272	244	214	229
Peru	3	3	3	3
Puerto Rico	27	6	57	10
Commercial Region Total	333	313	371	235
Region Total	726	657	848	679

*Baseline year

	2010*	2016	2017	2018
EUROPE				
Belgium	1	1	0	1
Germany	179	189	188	186
Ireland	512	540	509	519
Netherlands	717	568	600	624
Russia	228	257	267	288
Spain	61	99	71	84
Sweden	0	0	0	0
Switzerland	0	0	0	0
United Kingdom	91	48	50	52
Commercial Region Total	465	437	526	451
Region Total	2,254	2,138	2,211	2,205
ASIA PACIFIC				
China	9	151	132	124
India	75	158	148	211
Indonesia	7	8	8	9
Japan	0	0	0	0
Malaysia	0	1	1	1
Pakistan	288	287	281	316
Singapore	329	376	351	401
Vietnam	0	0	0	1
Commercial Region Total	468	440	428	501
Region Total	1,175	1,420	1,349	1,563
Total	9,180	8,895	9,113	9,130

DETAILED
ENVIRONMENTAL
PERFORMANCE

ENERGY CONSUMPTION – PURCHASED ENERGY (SCOPE 2) BY REGION
1,000 GIGAJOULES

	2010*	2016	2017	2018
NORTH AMERICA				
Canada	193	144	142	158
USA	2,345	2,008	1,953	1,905
Region Total	2,538	2,152	2,094	2,064
CARIBBEAN AND LATIN AMERICA				
Argentina	62	84	81	77
Brazil	56	65	54	41
Chile	26	30	26	24
Colombia	26	38	43	46
Costa Rica	0	99	99	102
Mexico	3	2	5	2
Peru	16	15	17	18
Puerto Rico	625	107	106	111
Commercial Region Total	92	92	92	66
Region Total	907	532	523	486

*Baseline year

	2010*	2016	2017	2018
EUROPE				
Belgium	2	2	1	2
Germany	180	102	96	95
Ireland	217	201	150	156
Netherlands	244	256	270	299
Russia	37	80	90	97
Spain	83	56	54	56
Sweden	30	0	0	0
Switzerland	5	2	2	2
United Kingdom	84	61	67	72
Commercial Region Total	179	179	179	100
Region Total	1,062	940	910	880
ASIA PACIFIC				
China	19	64	60	62
India	65	123	124	149
Indonesia	9	12	12	12
Japan	10	8	8	9
Malaysia	0	48	45	47
Pakistan	18	27	31	35
Singapore	187	180	188	202
Vietnam	9	12	13	23
Commercial Region Total	394	394	394	297
Region Total	710	868	875	836
Total	5,217	4,492	4,403	4,265

DETAILED
ENVIRONMENTAL
PERFORMANCE

ENERGY BY SOURCE[Ⓟ]

	ENERGY CONSUMED (Units Below)				
	2010*	2016	2017	2018	UNITS
STATIONARY SOURCES					
Electricity (Purchased)	1,109	1,025	998	1,024	million kWh
Natural Gas	5,409	6,723	6,680	6,904	million cubic feet
Fuel Oils	4	0	1	0	million gallons
Coal	32	0	0	0	thousand tons
Misc. Fuels (Propane, Kerosene, LPG, LNG)	N/A	N/A	N/A	N/A	N/A
Purchased Steam, Hot Water and Chilled Water	137	18	20	19	million kWh
Biofuels	N/A	N/A	N/A	N/A	N/A
Generated Electricity (Cogeneration and Renewables)	35	46	57	67	million kWh
Leased Building Electricity	139	139	139	99	million kWh
Leased Building Natural Gas	22	22	22	14	thousand therms
MOBILE SOURCES					
Sales Fleet Gasoline	12.2	10.5	11.4	10.3	million gallons
Sales Fleet Diesel	2.7	2.4	2.4	2.5	million gallons
Aviation Fuel	0.8	0.7	0.7	0.7	million gallons
Plant/Shuttle Fleet (Diesel, Gasoline, E85, Propane)	0.2	0.2	0.1	0.1	million gallons

ENERGY BY SOURCE[Ⓟ]

	ENERGY CONSUMED (1,000 Gigajoules)			
	2010*	2016	2017	2018
STATIONARY SOURCES				
Electricity (Purchased)	3,991	3,691	3,594	3,685
Natural Gas	5,513	6,864	6,828	7,038
Fuel Oils	556	36	86	56
Coal	935	0	0	0
Misc. Fuels (Propane, Kerosene, LPG, LNG)	19	136	221	197
Purchased Steam, Hot Water and Chilled Water	493	67	71	70
Biofuels	58	7	9	9
Generated Electricity (Cogeneration and Renewables)	0	1	4	5
Leased Building Electricity	499	499	499	357
Leased Building Natural Gas	234	234	234	149
Stationary Total	12,210	11,658	11,590	11,565
MOBILE SOURCES				
Sales Fleet Gasoline	1,604	1,390	1,501	1,338
Sales Fleet Diesel	386	342	356	365
Aviation Fuel	76	93	94	95
Plant/Shuttle Fleet (Diesel, Gasoline, E85, Propane)	33	28	19	16
Mobile Total	2,099	1,853	1,970	1,813

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

CO₂ EQUIVALENT BY ENERGY SOURCE⁹

	GREENHOUSE GAS EMISSIONS (1,000 Metric Ton CO ₂ Equivalent)			
	2010*	2016	2017	2018
STATIONARY SOURCES				
Electricity (Purchased)	588	483	444	447
Natural Gas	292	363	361	373
Fuel Oils	41	3	6	4
Coal	83	0	0	0
Misc. Fuels (Propane, Kerosene, LPG, LNG)	1	11	16	15
Purchased Steam, Hot Water and Chilled Water	21	3	3	3
Biofuels	0.1	0.0	0.0	0.0
Generated Electricity (Cogeneration and Renewables)	0	0	0	0
Leased Building Electricity	50	50	50	49
Leased Building Natural Gas	9	9	9	8
Stationary Total	1,086	921	889	898
MOBILE SOURCES				
Sales Fleet Gasoline	107	93	100	90
Sales Fleet Diesel	27	24	25	26
Aviation Fuel	5	6	6	7
Plant/Shuttle Fleet (Diesel, Gasoline, E85, Propane)	2	2	1	1
Mobile Total	142	125	133	123

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

Volatile Organic Compound (VOC) Emissions

TOTAL
1,000 METRIC TONS

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total	1.00	1.16	1.16	1.23	5.4

NORMALIZED BY SALES
METRIC TONS PER \$ MILLION SALES

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total	0.046	0.045	0.043	0.043	-0.8

Sulfur Oxide (SO_x) From Combustion^(k)

TOTAL
1,000 METRIC TONS

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total	0.58	0.04	0.04	0.05	13.6

NORMALIZED BY SALES
METRIC TONS PER \$ MILLION SALES

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total	0.027	0.002	0.007	0.007	5.6

Nitrous Oxide (NO_x) From Combustion^(k)

TOTAL
1,000 METRIC TONS

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total	0.410	0.320	0.326	0.334	2.5

NORMALIZED BY SALES
METRIC TONS PER \$ MILLION SALES

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total	0.019	0.012	0.012	0.012	-3.4

*Baseline year

DETAILED
ENVIRONMENTAL
PERFORMANCE

Environment, Health and Safety (EHS) Fines

U.S. DOLLARS

	2010*	2016	2017	2018 ⁽¹⁾	% Change From 2017 to 2018
Environmental Fines	27,950	0	0	0	N/A
Health and Safety Fines	0	180	751	3,000	299%
Total Environment, Health and Safety Fines	27,950	180	751	3,000	

Environment, Health and Safety (EHS) Inspections by Government Agencies^(m)

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total	46	61	130	139	6.9

Notices of Violation (NOVs)

	2010*	2016	2017	2018	% Change From 2017 to 2018
Total	4	4	4	7	75.0

*Baseline year

METRICS REFERENCES

All environmental data have 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 practical. To that end, these data include the acquisitions of St. Jude Medical and Glomed, but not Alere, Inc. Furthermore, these data reflect the divestiture of Abbott Medical Optics.

- (a) Progress toward 2020 carbon goal is reported using the GHGP Scope 2 market-based methodology.
- (b) Per the GHGP, where market-based information is not available, location-based results have been used as proxy.
- (c) Reported Purchased Fuel Scope 1 sources consist of fuel consumed by manufacturing facilities, sales fleet and Abbott-owned aviation.
- (d) Per WRI GHGP, Scope 1 refrigerant CO₂e emissions include only those covered in the Kyoto Protocol.
- (e) Reported Scope 2 sources consist of energy directly purchased by Abbott, such as electricity and steam, as well as emissions from leased locations. Unless specified otherwise, emissions are calculated according to the WRI/WBCSD GHGP Scope 2 Location-Based Method.
- (f) Water-stressed locations have been determined using WRI Aqueduct global water risk mapping tool.
- (g) Waste-generation data do not include materials that are reused beneficially, which was roughly 98,000 tons in 2018.
- (h) Waste and CO₂e Commercial Region Total data collection and calculation methodology were updated to better quantify years 2010–2017.
- (i) BOD data provided are the flow-weighted averages of sampled concentrations for water directly discharged to the environment only. Water discharged to the environment represents about 17 percent of total water discharged.
- (j) Abbott's non-energy-consumption greenhouse gas emissions, such as refrigerant releases and process air emissions, are omitted. The total CO₂ equivalents from non-energy sources are 9-, 11-, 10-, 9-, 10-, 11-, 14-, 10-, and 9-thousand metric tons from 2010–2018, respectively.
- (k) Reflects emissions from fuel combusted at manufacturing facilities only.
- (l) Our recently acquired Rapid Diagnostics business (formerly Alere) data are not included in this report.
- (m) Definition for “government agency inspection” was updated in 2017 by Abbott to include routine visits and sample collection from regulatory agencies or designated representatives. This change is not reflected in our metrics for 2010–2016, only 2017 forward.

Note: Sums may not add up exactly due to rounding.



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