



Sustainability Report

2019 ANNEX



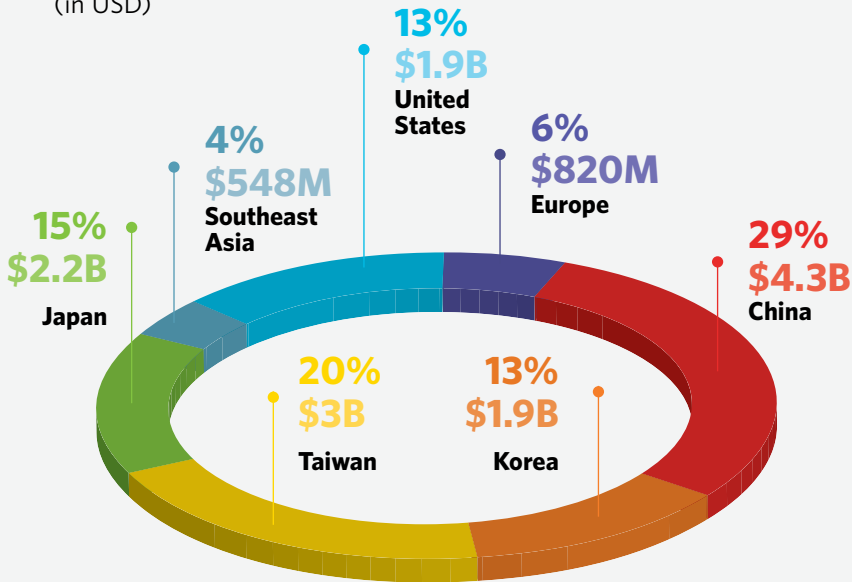
Data & Disclosures

Applied Materials believes our role as a corporate leader is to make the world a better place – to make possible a better future. In developing our [2019 Sustainability Report](#), we have compiled key quantitative data in accordance with Global Reporting Initiative (GRI) Standards and Sustainability Accounting Standards Board (SASB) frameworks. This Annex is organized by the key Environment, Social, and Governance (ESG) themes and is followed by our SASB Table and GRI Content Index.

About Applied Materials

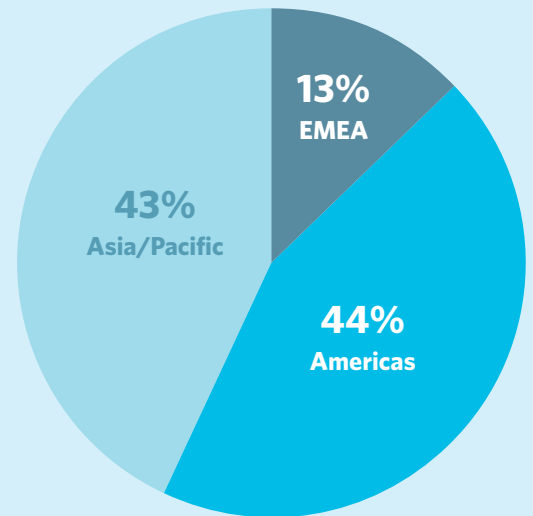
Disclosure	FY2019	FY2018	FY2017	FY2016
Company Profile				
Revenue (\$Billions)	\$14.61	\$16.71	\$14.70	\$10.83
Net Income (\$Billions)	\$2.71	\$3.04	\$3.52	\$1.72
R&D (\$Billions)	\$2.05	\$2.02	\$1.78	\$1.54
Number of patents	~13,300	~12,500	~11,900	~10,200
Number of locations / countries	100 locations in 18 countries	93 locations in 17 countries	90 locations in 17 countries	82 locations in 17 countries

Applied Materials' 2019 Net Sales by Region
(in USD)



Data as of fiscal year ended 10/27/19

Applied Materials' 2019 Employees by Region



Stakeholder Engagement

Robust stakeholder engagement enables us to understand and respond to our shareholders' concerns and ideas on how we improve our support and strengthen our partnerships with them. We review, analyze, and incorporate their feedback into our strategic business planning, processes, and practices. We regularly engage with our primary stakeholders listed below and communicate through a variety of formats.

Employees: We directly engage our over 22,000 employees in 100 locations worldwide through meetings, surveys, training and initiatives, and provide an Ethics and Compliance hotline to communicate transparently, build trust, and create a safe and valued workplace.

Customers: We maintain close contact with our global customers to understand their needs and expectations and receive feedback regarding our business and products through ongoing meetings, technical events, training, and other means. We also focus on creating energy-efficient products to achieve customers' sustainability goals.

Suppliers: We evaluate and partner with our suppliers to promote our high standards of quality, integrity, responsible business practices, and equity of opportunity. We also work with suppliers to ensure responsible sourcing of the materials used to make our products, through initiatives such as the Responsible Business Alliance and the Responsible Minerals Initiative.

Board of Directors: Our independent Board of Directors provides risk oversight on a broad range of issues, including environmental, social, and governance issues.

Investors: We engage with and solicit feedback from investors on a wide range of issues, including our business performance, strategy, corporate governance, sustainability, and human capital management practices through meetings, investor events, and conference calls.

Regulators: We engage the U.S. and other governments, as well as various businesses and academic organizations where we operate. We stay abreast of emerging trends in regulatory and other political and legislative matters through meetings, the Applied Materials Political Action Committee, memberships, and sponsorships.

Community: We support the communities in which we operate through grants from the Applied Materials Foundation, community investment and outreach programs, and volunteerism.

EHS-Related Certifications

As of year-end FY2019, Applied Materials owned approximately 6.8 million square feet of space and leased a further 2.7 million square feet around the world, for offices, plants, and warehouses. We continually seek recertification of ISO 14001 and OHSAS 18001 for major manufacturing sites globally. In 2019, we achieved additional OHSAS certifications for our manufacturing site in Pyeongtaek, Gyeonggi-do, South Korea, bringing our total number of ISO 14001-registered sites to 11 and OHSAS 18001-registered facilities to 10.

During the 2020 re-certification cycle, we plan to transition all sites from OHSAS 18001 to ISO 45001 and also complete ISO 45001 certification at our facility in Treviso, Italy. In 2021, we intend to complete the same certification for our second facility in Tainan, Taiwan (TMC-2).

Through our Environmental Health & Safety Management System (EHSMS), all of our sites - even those not seeking formal certification - remain aligned with the EHS practices of our formally certified locations.

Applied Materials Certified Manufacturing Sites

Facility Location	OHSAS 18001	ISO 14001
Austin, TX	✓	✓
Santa Clara, CA	✓	✓
Gloucester, MA	✓	✓
Kalispell, MT	✓	✓
Alzenau, Germany	✓	✓
Heimstetten, Germany	✓	✓
Italy	—	✓
Rehovot, Israel	✓	✓
Singapore	✓	✓
Tainan, Taiwan (TMC-1)	✓	✓
Pyeongtaek, Gyeonggi-do, South Korea	✓	✓

More information on our various certifications is available on our [website](#).

Environmental

Environmental Data

Disclosure		Unit of Measurement	CY2019	CY2018	CY2017
Emissions					
Scope 1	Process Gas	thousand tCO ₂ -e	18.2	14.2	13.5
	Refrigerant		1.7	1.3	0.8
	Natural Gas		22.4	23	22.1
	Total Scope 1		42.2	38.5	36.5
Scope 2	Electricity		103.1	113.5	131.6
Scope 1 + Scope 2			145.4	151.9	168.1
Scope 3 (Employee Travel)			30.0	35.9	17.3
GHG Intensity		Total Scope 1 & Scope 2 in tCO ₂ -e per employee	6.26	6.79	8.44
		Total Scope 1 & Scope 2 in tCO ₂ -e per million dollars of revenue	9.95	9.10	11.44
Energy					
Electricity Consumption		MWh	391,735	369,929	348,731
<i>Solar Total (Onsite Generation)</i>			391	3,403	3,456
<i>REC Total (Unbundled RECs + GreenChoice)</i>			62,060	62,579	59,182
<i>Credits from Community Choice</i>			43,132	39,679	-
Total Renewable Energy			105,583	105,662	62,638
Renewable Energy Rate		%	27%	29%	18%
Energy Intensity		MWh of energy consumed per employee	16.86	16.52	17.52
		MWh of energy consumed per million dollars of revenue	26.82	22.14	23.73

Environmental Data

Disclosure	Unit of Measurement	CY2019	CY2018	CY2017
Water				
Total Water Withdrawal	megaliters	1,798	1,768	1,669
<i>City Water Purchased</i>		1,780	-	-
<i>Ground Water</i>		17.3	-	-
Water Withdrawal in Stressed Areas	%	14%	13%	13%
Waste				
Non-Hazardous Recycling Diversion Rate	%	83%	83%	76%
Total Non-Hazardous Waste	thousand MT	13.9	13.9	18.7
<i>Non-Hazardous: Landfill + Incineration</i>		2.4	2.3	4.5
<i>Non-Hazardous: Diverted</i>		11.6	11.5	14.2
Total Hazardous Waste		0.45	0.42	0.32
Total Waste Generation (Non-Hazardous and Hazardous)		14.3	14.3	19.0
Product Responsibility				
Refurbish Tools	count	155	180	132

Social

Additional workforce diversity data and trends can be found in our recently published Changes in Diversity 2016-2019 Report; found [here](#).

Social Data

Disclosure	FY2019	FY2018	FY2017
Global Workforce			
Total Workforce (RFT, Temporary, and Interns)	23,234	22,392	19,910
<i>Regular Full-Time Employees</i>	22,014	21,038	18,410
<i>Temporary Workers</i>	1,114	1,231	1,398
<i>Interns</i>	106	123	102
Female Representation of the Global Workforce			
Women on Applied Materials' Board of Directors	30.0%	20.0%	22.0%
Total Women In Workforce	17.4%	17.0%	16.6%
Women Executives (Vice Presidents and Directors)	11.1%	11.0%	10.6%
Women Managers (People Managers)	14.9%	13.9%	13.0%
Women Professionals (Business, Engineering, and Sales Career Bands)	25.3%	24.9%	24.2%
Women Engineering Employees	12.7%	12.2%	11.6%
Female Representation of the U.S. Workforce			
Total Workforce	19.5%	19.3%	18.7%
Women Executives (Vice Presidents and Directors)	11.3%	11.6%	11.3%
Women Managers (People Managers)	16.1%	14.0%	13.0%
Women Professionals (Business, Engineering, and Sales Career Bands)	26.1%	25.9%	24.8%
Women Engineering Employees	12.4%	12.2%	11.7%

Social Data

Disclosure	FY2019	FY2018	FY2017
Ethnicity & Race Representation of the U.S. Workforce			
White	49.9%	51%	52.6%
Asian	36.8%	35.8%	34.8%
Hispanic or Latino	7.8%	7.6%	7.4%
Black or African American	3.7%	3.7%	3.4%
Employees with 2 or more races	1.4%	1.4%	1.1%
American Indian or Alaskan Native	0.3%	0.2%	0.2%
Native Hawaiian or Pacific Islander	0.2%	0.2%	0.1%

New Hires

Disclosure	FY2019	FY2018	FY2017
U.S. Employee New Hires			
Female New Hires (excludes NCG female hires)	25.1%	20.7%	18.2%
U.S. Intern Program			
Female Intern Hires	44%	43%	34%
U.S. New College Graduate (NCG) Program			
Female NCG Hires	29%	39%	35%

Learning & Development

Disclosure	FY2019	FY2018	FY2017
Total Workforce (includes all regular full-time, temporary and interns)			
Total learning hours	1,407,932	1,311,582	933,344
Total Individual Learners	32,087	26,704	21,706
Average training hours per person	44	49	43

Learning & Development (cont.)

Disclosure	FY2019	FY2018	FY2017
Regular Full-Time Employees			
Total Learning Hours	1,336,812	1,256,846	898,311
Total Individual Learners	21,850	20,930	17,199
Average Training Hours	61	62	52
Percentage of Employees Completed Training/Learning Hours	99%	99%	93%
Contingent Workers			
Total Learning Hours	71,120	54,735	35,033
Average Training Hours	7	8	8

Health & Safety

Disclosure	FY2019	FY2018	FY2017
Employee Health & Safety			
Total Case Incident Rate (TCIR)	0.43	0.52	0.41
Days Away, Restricted, or Transferred (DART) Rate	0.29	0.34	0.30
Lost Time Severity Rates (LTSR)	3.63	5.41	2.44
Fatalities	0	0	0

TCIR is calculated as (total number of OSHA Recordable injuries and illnesses x 200,000) / total hours worked by employees)

DART is calculated as (total number of DART incidents x 200,000) / total hours worked by employees

LTSR is calculated as (total number lost workdays x 200,000 / total hours worked by employees)

The main types of work-related injury accidents are strains, sprains, and fall-related incidents

Community Impact

Disclosure	FY2019	FY2018	FY2017
Community Giving & Investments			
Total Community Investments	\$10.8M	\$10.9M	\$10.1M
Total community investments by Applied Materials, Inc.	\$2.8M	\$2.8M	\$7.6M
Total community investments by the Applied Materials Foundation (excludes administrative)	\$8.0M	\$8.1M	\$2.5M
Total Giving through the Foundation Match Program (employee gifts plus match)	\$6.6M	\$6.2M	\$5.9M
Total Volunteer Time Grant hours logged ¹	15,174	16,328	16,670
Total contributions by Applied Materials Foundation based on Time Grant hours ¹	\$49,000	\$50,800	\$59,000

¹ Data represents Calendar Year

Governance

Applied Materials' corporate governance documents are publicly available [here](#).

Applied Materials' 2020 Proxy Statement is available [here](#).

Board Functions: The Board's functions are to provide general oversight of management, including reviewing the company's performance and operating plans. Other functions of the Board include:

- Overseeing financial and corporate strategies, including long-term plans
- Nominating directors
- Selecting the CEO and Chair of the Board
- Supporting effective corporate governance
- Overseeing the assessment of risks to the company and considering options for risk mitigation
- Ensuring processes for maintaining the integrity of the company, including compliance with laws and ethics, as well as the integrity of relationships with customers, suppliers and other stakeholders

The Board of Directors has delegated certain of its responsibilities to four committees:

Audit Committee

The Audit Committee focuses on oversight of financial information, policies and disclosures, accounting and internal auditing, and cybersecurity risks, as well as the company's tax, legal, regulatory, and ethical compliance.

[Audit Committee Charter](#)

Corporate Governance and Nominating Committee

The Corporate Governance and Nominating Committee oversees the overall effectiveness, integrity, and accountability of the Board, the company's corporate governance guidelines, the Board's composition, and the structure and evaluation of the Board and its committees, and helps identify director nominees. It also has responsibility for oversight of the Company's ESG program, as well as EHS and sustainability matters.

[Corporate Governance & Nominating Committee Charter](#)

Human Resources and Compensation Committee

The Human Resources and Compensation Committee reviews human capital management, including culture, diversity, and inclusion initiatives. It also reviews performance incentives and programs to foster accountability for corporate initiatives and employee development and retention.

[Human Resources & Compensation Committee Charter](#)

Strategy and Investment Committee

The Strategy and Investment Committee oversees Applied's strategic and investment priorities and supports efforts to foster growth through innovation. It also advises management on strategic and business plans for technologies, products, services, and customer and supplier mix and targeting.

Risk Oversight & Management

Within Applied Materials, our Enterprise Risk Management (ERM) program provides perspective into existing and potential risks. The ERM program is overseen by the Board’s Audit Committee, with a focus on identifying the most significant strategic, operational, financial, legal, and compliance risks.

Risk management is the responsibility of the entire Board of Directors. In addition, oversight responsibility for a particular risk may fall within an area of responsibility and expertise of one of the Board Committees.

- **Audit Committee:** Financial, regulatory, and compliance risks, and operational risks including cybersecurity
- **Corporate Governance and Nominating Committee:** Board composition, director independence, ESG program, EHS and environmental sustainability risks and opportunities
- **Human Resources and Compensation Committee:** Organizational talent and culture, compensation, and succession

Political Contributions

Disclosure	CY2019	CY2018	CY2017	CY2016
Political Contribution Data				
Total value of financial and in-kind contributions to political parties, candidates, and related institutions by Applied Materials	\$0	\$10,000	\$5,000	\$30,000
Total value of financial and in-kind contributions to political parties, candidates, and related institutions by AMPAC	\$84,000	\$47,000	\$85,500	\$68,500

The Applied Materials, Inc. Political Action Committee (AMPAC) was established in 2004 and helps the Company participate in the political process. In full compliance with U.S. laws and regulations, campaign contributions are disbursed to candidates for state or federal office and to political action or political party committees.

While the Company pays its administrative expenses, AMPAC is funded entirely through voluntary contributions from eligible employees. Its activities are overseen by the AMPAC Board of Directors.

AMPAC contributions are reviewed and approved by outside legal counsel prior to issuance. In addition, they are subject to approval by our Vice President of Communications and Public Affairs and are reported directly to our Chief Legal Officer and Corporate Secretary and the Chair of AMPAC to verify that they are consistent with AMPAC’s contribution policies and criteria.

Neither the Company nor AMPAC makes contributions to so-called Super-PACs, and political contributions are limited to within the U.S.

AMPAC regularly files its contributions reports monthly and quarterly with the Federal Election Commission, and these are available through their [online database](#).

State Contributions Committee: This committee, consisting of the same individuals who serve on the AMPAC Board, oversees corporate political spending at the state and local levels. When warranted, we use corporate funds to make financial and in-kind political contributions within the U.S., as permitted by applicable laws, such as contributions to candidates for statewide offices and state legislatures, as well as to local or regional ballot measures. All contributions are disclosed publicly on our website biannually.




The **Sustainability Accounting Standards Board (SASB)** has developed a voluntary investor-focused sustainability accounting framework to complement Financial Accounting Standards Board (FASB) reporting standards. This report aligns with SASB’s industry-specific standard for the Technology & Communications Sector – Semiconductors. This is our first year using SASB disclosure recommendations.






Topic	Code	Accounting Metric	2019	2018	2017	Narrative Response / Report Location
Greenhouse Gas Emissions	TC-SC-110a.1	Gross global Scope 1 emissions	42,279 tCO ₂ -e	38,516 tCO ₂ -e	36,490 tCO ₂ -e	Additional emissions data available in the Environmental Data Table of the 2019 Sustainability Report Annex on page 5.
		Amount of total emissions from perfluorinated compounds	17,100 tCO ₂ -e	n/a	n/a	
	TC-SC-110a.2	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	See report location			In the 2019 Sustainability Report, see section titled “Climate Change” on pages 19-25.
Energy Management in Manufacturing	TC-SC-130a.1	Total energy consumed	391,735 MWh	369,929 MWh	348,731 MWh	Additional energy data available in the Environmental Data Table of the 2019 Sustainability Report Annex on page 5.
		Percentage of energy consumed that was supplied from grid electricity	63%	n/a	n/a	
		Percentage of energy consumed that is renewable energy	27%	29%	18%	
Water Management	TC-SC-140a.1	Total water withdrawn	1,797,983 m ³	1,767,563 m ³	1,668,514 m ³	Additional water data available in the Environmental Data Table of the 2019 Sustainability Report Annex on page 6.
		Percentage of water withdrawn in regions with High or Extremely High Baseline Water Stress	13.95%	12.97%	13.45%	In the 2019 Sustainability Report, see section titled “Conserving Water” under “Water Stress Risk” on page 30.
		Total water consumed	n/a	n/a	n/a	Water consumption is not currently tracked. Applied Materials is in the process of establishing water consumption monitoring processes with an aim to disclosing in the future.
		Percentage of water consumed in regions with High or Extremely High Baseline Water Stress	n/a	n/a	n/a	

Topic	Code	Accounting Metric	2019	2018	2017	Narrative Response / Report Location
Waste Management	TC-SC-150a.1	Amount of hazardous waste from manufacturing	405 Metric Ton	420 Metric Ton	316 Metric Ton	Additional waste data available in the Environmental Data Table of the 2019 Sustainability Report Annex on page 6.
		Percentage of hazardous waste recycled	n/a	n/a	n/a	Applied Material recycles hazardous waste; however, the systems to track and monitor such data were not active. We expect to report this data for 2020 in the next report.
Employee Health & Safety	TC-SC-320a.1	Description of efforts to assess, monitor, and reduce exposure of employees to human health hazards	See report location			In the 2019 Sustainability Report, see section titled "Occupational Health & Safety" under "Managing Hazards & Risk" on pages 33-34.
	TC-SC-320a.2	Total amount of monetary losses as a result of legal proceedings associated with employee health and safety violations	See narrative response			In 2019, Applied received zero notices of violation worldwide.
Recruiting & Managing a Global & Skilled Workforce	TC-SC-330a.1	Percentage of employees that are (1) foreign nationals and (2) located offshore	n/a	n/a	n/a	Applied Materials does not disclose the percentage of employees that are foreign nationals or located offshore.
Product Lifecycle Management	TC-SC-410a.1	Percentage of products by revenue that contain IEC 62474 declarable substances	n/a	n/a	n/a	This information is not tracked at this time.
	TC-SC-410a.2	Processor energy efficiency at a system-level for: (1) servers, (2) desktops, and (3) laptops	n/a	n/a	n/a	
Materials Sourcing	TC-SC-440a.1	Description of the management of risks associated with the use of critical materials	See report location			In the 2019 Sustainability Report, see sections titled "Supplier Assessments" and "Responsible Minerals Sourcing" on pages 43-46. See also our 2019 Conflict Minerals Report, pages 4-6.
Intellectual Property Protection & Competitive Behavior	TC-SC-520a.1	Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations	n/a	n/a	n/a	n/a
Activity Metrics	TC-SC-000.A	Total production	2,011	2,572	2,446	Production data includes semiconductor equipment (PDC, EPG and SPG).
	TC-SC-000.B	Percentage of production from owned facilities	85%	85%	85%	

GRI Standards Content Index

The Global Reporting Initiative (GRI) Standards form the most popular voluntary sustainability reporting framework used by companies around the world, designed to adhere to all stakeholder interests. This report has been prepared in accordance with the GRI Standards: Core option.

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
GRI 102: General Disclosures			
Organizational profile			
102-1 Name of the organization	Applied Materials (AMAT)		
102-2 Activities, brands, products, and services		2019 Annual Report , Business, pages 4-9	
102-3 Location of headquarters	Santa Clara, California, United States		
102-4 Location of operations	Annex: Company Profile, pages 2-3	2019 Annual Report , Properties, page 26	
102-5 Ownership and legal form		2019 Annual Report , Market for Registrant's Common Equity, Related Stockholder Matters, page 28 Amended and Restated Certificate of Incorporation of Applied Materials, Inc.	
102-6 Markets served		2019 Annual Report , Properties, page 26 Management's Discussion and Analysis of Financial Condition and Results of Operations, page 32	
102-7 Scale of the organization	Our People & Workplace , A Global Workforce, page 56 Annex: About Applied Materials, pages 2-3 Social data, page 7 SASB Table, pages 12-13	2019 Annual Report Business, pages 4-11 Properties, page 26 Management's Discussion and Analysis of Financial Condition and Results of Operations, page 32	
102-8 Information on employees and other workers	Our People & Workplace , A Global Workforce, page 56 Annex: About Applied Materials, page 3 Social data, page 7	Changes in Diversity Report 2016-2019	  
102-9 Supply chain	Supply Chain Responsibility , Supplier Spend by Region, page 41-48	2019 Annual Report , Business, pages 8-9	
102-10 Significant changes to the organization and its supply chain	There have been no significant changes to our company or supply chain.		
102-11 Precautionary principle or approach	Climate Change , Managing Climate Risks, page 21 Conserving Water , Risk Assessment, page 29 Product Responsibility , Product Safety, page 40 Supply Chain Responsibility , Supplier Monitoring, pages 45-46 Annex , Risk Oversight & Management, page 11	2020 Proxy Statement , Board's Role in Risk Oversight, page 11	



Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
102-12 External initiatives	Supply Chain Responsibility, Supplier Assessments, pages 43-44	Statement under the California Transparency in Supply Chains Act Standards of Business Conduct Responsible Minerals Sourcing Policy	
102-13 Membership of associations	Ethical Leadership, Business & Trade Associations, page 75	2019 U.S. Trade, Business and Civic Association Memberships	
Strategy			
102-14 Statement from senior decision-maker	President and CEO Letter, page 2		
Ethics & Integrity			
102-16 Values, principles, standards, and norms of behavior		Standards of Business Conduct	
102-17 Mechanisms for advice and concerns about ethics	Ethical Leadership, Reporting Ethics Concerns, page 74 Supply Chain Responsibility, Reporting Concerns/ Grievances, page 43	Standards of Business Conduct , pages 21, 36-39	
Governance			
102-18 Governance structure	Annex, Governance, pages 10-11	2020 Proxy Statement: Board's Role in Risk Oversight, page 11 Corporate Governance Guidelines , Board Committees, pages 6-7	
102-19 Delegating authority	Our Sustainability Vision, ESG Oversight & Management, 17 Ethical Leadership, Corporate Governance, page 71 Annex, Governance, pages 10-11	2020 Proxy Statement: Sustainability and Corporate Social Responsibility, pages xi-xii Board's Role in Risk Oversight, pages 11-12 Board Meetings and Committees, pages 14-15 Corporate Governance Guidelines , Board Committees, pages 5-7	
102-20 Executive-level responsibility for economic, environmental, and social topics	Our Sustainability Vision, ESG Oversight & Management, 17 Environmental Health & Safety, EHS Policy & Management, page 28 Ethical Leadership, ESG Oversight & Management, page 71 Annex, Governance, pages 10-11	2020 Proxy Statement , Sustainability and Corporate Social Responsibility, pages xi-xii	
102-21 Consulting stakeholders on economic, environmental, and social topics	Our Sustainability Vision, Our Strategy for a Changing World, pages 9-10 Annex, Stakeholder Engagement, page 3	2020 Proxy Statement , Shareholder Engagement, page 13	
102-22 Composition of the highest governance body and its committees		2020 Proxy Statement: Nominees, pages 1-6 Board Practices and Composition, pages 7-8 Board Meetings and Committees, pages 14-15 Corporate Governance Guidelines , Size of Board, Director Qualifications and Selection Process, pages 2-5	  

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
102-23 Chair of the highest governance body		2020 Proxy Statement: Election of Directors, page 6 Board Leadership, page 10	
102-24 Nominating and selecting the highest governance body		2020 Proxy Statement: Board Practices and Composition, page iii Nominee Skills and Experience, page 7 Board Composition and Refreshment, pages 8-9 Corporate Governance and Nominating Committee, page 15	  
102-25 Conflicts of interest	Ethical Leadership , Standards of Business Conduct, page 72	2020 Proxy Statement , Board Composition and Nominee Considerations, page 7 Standards of Business Conduct , Conflicts of Interest, pages 10-12 Corporate Governance Guidelines : Limitation of Service on Other Public Company Boards, pages 3-4 Ethics and Conflicts of Interest, page 9	
102-26 Role of highest governance body in setting purpose, values, and strategy	President and CEO Letter , page 2 Ethical Leadership , Corporate Governance, page 71 Annex , Governance, pages 10-11	Corporate Governance Guidelines , Corporate Governance and Nominating Committee, page 6	
102-27 Collective knowledge of highest governance body		2020 Proxy Statement: Nominees, pages 1-6 Director Onboarding and Education, page 10	
102-28 Evaluating the highest governance body's performance		2020 Proxy Statement: Board and Committee Evaluations, pages 10-11 Primary Compensation Elements & Executive Compensation Highlights, page 24 Individual Performance Factor, page 49 Corporate Governance Guidelines : Corporate Governance and Nominating Committee, page 6 Self-Evaluation, page 8	
102-29 Identifying and managing economic, environmental, and social impacts	Our Sustainability Vision , Our Strategy for a Changing World, pages 9-10 Ethical Leadership , ESG Oversight & Management, page 71 Annex , Governance, pages 10-11	2020 Proxy Statement: Sustainability and Corporate Social Responsibility, pages xi-xii Shareholder Engagement, page 13	
102-30 Effectiveness of risk management processes	Ethical Leadership : ESG Oversight & Management, page 71 Ethics & Compliance, page 72 Annex , Governance, pages 10-11	2020 Proxy Statement , Board's Role in Risk Oversight, page 11 Corporate Governance Guidelines , Board Committees, pages 6-7	
102-31 Review of economic, environmental, and social topics	Environmental Health & Safety , EHS Policy & Management, page 27 Responsible Minerals Sourcing, Policy , Commitments, and Management, pages 45-46 Ethical Leadership , ESG Oversight & Management, page 71	2020 Proxy Statement , Sustainability and Corporate Social Responsibility, pages xi-xii	

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
102-32 Highest governance body's role in sustainability reporting	Ethical Leadership , ESG Oversight & Management, page 71	2020 Proxy Statement , Sustainability and Corporate Social Responsibility, pages xi-xii	
102-33 Communicating critical concerns	Ethical Leadership , Reporting Ethics Concerns, page 74	2020 Proxy Statement , Shareholder Engagement, page 13 Corporate Governance Guidelines , Reporting Concerns to Independent Directors or the Audit Committee, pages 9-10	
102-35 Remuneration policies	Our People & Workplace , Executive Compensation, page 56	2020 Proxy Statement : Executive Compensation, pages 16-17 Compensation Discussion and Analysis, page 24-27 Additional Compensation Programs and Policies, pages 38-40 Corporate Governance Guidelines , Board Committees, pages 5-7	
102-36 Process for determining remuneration		2020 Proxy Statement , Compensation Governance and Decision-Making Framework, pages 28-38	
102-37 Stakeholders' involvement in remuneration	Our People & Workplace , Executive Compensation, page 56	2020 Proxy Statement , Compensation Discussion and Analysis, pages 37-38	
102-38 Annual total compensation ratio		2020 Proxy Statement , CEO Pay Ratio, page 46	
102-39 Percentage increase in annual total compensation ratio		2020 Proxy Statement , CEO Pay Ratio, page 46 2019 Proxy Statement , CEO Pay Ratio, page 46	
Stakeholder Engagement			
102-40 List of stakeholder groups	Our Sustainability Vision , Our Strategy for a Changing World, page 9 Annex , Stakeholder Engagement, page 3		
102-41 Collective bargaining agreements	Applied Materials participates in collective bargaining agreements in Germany. Employees in Germany, France and The Netherlands have formal representation on works councils, and Applied's Italy office has trade union representatives.		
102-42 Identifying and selecting stakeholders	Our Sustainability Vision , Our Strategy for a Changing World, pages 9-10 Annex , Stakeholder Engagement, page 3		
102-43 Approach to stakeholder engagement	Our Sustainability Vision : Our Strategy for a Changing World, pages 9-10 Aspirations, SDG Alignment, & Goals, page 17 About this Report, page 18 Climate Change , Managing Climate Risks, page 21 Environmental Health & Safety , Occupational Health & Safety, page 33 Our People & Workforce , Executive Compensation, page 56 Annex , Stakeholder Engagement, page 3	2020 Proxy Statement , Shareholder Engagement, page 13	
102-44 Key topics and concerns raised	Our Sustainability Vision , Our Strategy for a Changing World, pages 9-10	2020 Proxy Statement , Shareholder Engagement, page 13	

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
Reporting Practice			
102-45 Entities included in the consolidated financial statements		2019 Annual Report , Notes to Consolidated Financial Statements, page 67	
102-46 Defining report content and topic boundaries	Our Sustainability Vision , About this Report, page 18		
102-47 List of material topics	Our Sustainability Vision: Our Strategy for a Changing World, pages 9-10 Aspirations, SDG Alignment & Goals, pages 14-17		
102-48 Restatements of information	Applied Materials adopted the authoritative guidance related to revenue recognition and retirement benefits in the first quarter of fiscal year 2019, using the full retrospective method. Details are available in our Fiscal Year 2019 10K. Certain energy and water data have been restated as a result of our transition to a new sustainability data management system in 2019. Additionally, we have updated our renewable energy use from the figure reported in our 2018 CSR Report, which had inadvertently included renewable energy that may not be claimed by users.		
102-49 Changes in reporting	In 2019, Applied Materials conducted a materiality assessment that identified a comprehensive list of material topics covered in this 2019 Sustainability Report. Disclosure boundaries remain the same.		
102-50 Reporting period	Our Sustainability Vision , About this Report, page 18		
102-51 Date of most recent report	August 2019		
102-52 Reporting cycle	Applied Materials publishes sustainability reports on an annual basis.		
102-53 Contact point for questions regarding the report	corporate_responsibility@amat.com		
102-54 Claims of reporting in accordance with the GRI Standards	This report adheres to the GRI Standards: Core option Our Sustainability Vision , About this Report, page 18		
102-55 GRI content index	Annex ; GRI Content Index, pages 14-27		
102-56 External assurance	No external assurance is provided at this time.		




Economic Topics

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
GRI 204: Procurement Practices			
103-1 Explanation of the material topic and its boundary	<p>Our Sustainability Vision: Our Strategy for a Changing World, pages 9-10 Driving Sustainability in the Supply Chain, page 12 Aspirations, SDG Alignment, and Goals, page 15</p> <p>Supply Chain Responsibility, SuCCESS2030, page 42</p>		
103-2 The management approach and its components	<p>Our Sustainability Vision: Driving Sustainability in the Supply Chain, page 12 Aspirations, SDG Alignment, and Goals, page 15</p> <p>Supply Chain Responsibility, SuCCESS2030, pages 42-48</p>		
103-3 Evaluation of the management approach	Supply Chain Responsibility , SuCCESS2030, pages 42-48		
204-1 Proportion of spending on local suppliers	Supply Chain Responsibility , SuCCESS2030, page 42		
GRI 205: Anti-corruption			
103-1 Explanation of the material topic and its boundary	<p>Our Sustainability Vision: Our Strategy for a Changing World, pages 9-10 Governance Commitment, page 11 Aspirations, SDG Alignment, and Goals, page 17</p>		
103-2 The management approach and its components	<p>Our Sustainability Vision: Governance Commitment, page 11 Aspirations, SDG Alignment, and Goals, page 17</p> <p>Ethical Leadership, Corporate Governance, pages 72-75</p>	Standards of Business Conduct , Anticorruption Policy, pages 20-21	
103-3 Evaluation of the management approach	Ethical Leadership , Corporate Governance, pages 72-75		
205-1 Operations assessed for risks related to corruption	We are currently completing an independent anti-corruption risk assessment, the results of which will be used to enhance our program with best-in-class processes and practices. In addition, we participate in the RBA assessments and audits that include an evaluation of corruption risk.		
205-2 Communication and training about anti-corruption policies and procedures	Ethical Leadership , Ethics & Compliance, pages 72-73	Standards of Business Conduct , Taking Action, pages 36-39	


Environmental Topics

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
GRI 302: Energy			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision, pages 9-14 Climate Change, pages 19-25		
103-2 The management approach and its components	Our Sustainability Vision: Environmental Commitment, page 11 Reducing Semiconductor Manufacturing's Energy Footprint, page 12 10,000x: Global Electronics Impact, page 13 Aspirations, SDG Alignment, and Goals, page 14 Climate Change, Managing Climate Risks, pages 20-21 Environmental Health & Safety, EHS Policy & Management, pages 27-28 Ethical Leadership, ESG Oversight & Management, page 71 Annex, Risk Oversight & Management, page 11		  
103-3 Evaluation of the management approach	Climate Change, pages 19-25		
302-1 Energy consumption within the organization	Climate Change, Energy Data, page 25 Annex, Environmental Data, page 5		
302-3 Energy intensity	Climate Change, Energy Data, page 25 Annex, Environmental Data, page 5		
302-4 Reduction of energy consumption	Climate Change, pages 19-25 Environmental Health & Safety, pages 27-28 Product Responsibility, pages 37-40		
302-5 Reductions in energy requirements of products and services	Product Responsibility: Design for Sustainability, page 37 Sustainable Product Offerings, page 38		
GRI 303: Water			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision, Our Strategy for a Changing World, pages 9-10 Environmental Health & Safety, pages 26-31		
103-2 The management approach and its components	Environmental Health & Safety, pages 26-29 Ethical Leadership, ESG Oversight & Management, page 71 Annex, Risk Oversight & Management, page 11		
103-3 Evaluation of the management approach	Environmental Health & Safety, pages 26-31		
303-1 Interactions with water as a shared resource	Environmental Health & Safety, Conserving Water, pages 29-31		
303-2 Management of water discharge-related impacts	Environmental Health & Safety, Conserving Water, pages 29-31 Water Discharges & Wastewater, page 32		 
303-3 Water withdrawal	Environmental Health & Safety, Water Performance, page 30 Annex, Environmental Data, page 6		

Environmental Topics (cont.)

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
GRI 305: Emissions			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision , pages 9-14 Climate Change , pages 19-25		
103-2 The management approach and its components	Our Sustainability Vision: Environmental Commitment, page 11 Reducing Semiconductor Manufacturing's Energy Footprint, page 12 10,000x: Global Electronics Impact, page 13 Aspirations, SDG Alignment, and Goals, page 14 Climate Change , Managing Climate Risks, pages 20-21 Environmental Health & Safety , EHS Policy & Management, pages 27-28 Ethical Leadership , ESG Oversight & Management, page 71 Annex , Risk Oversight & Management, page 11		  
103-3 Evaluation of the management approach	Climate Change , pages 19-25		
305-1 Direct (Scope 1) GHG emissions	Climate Change , Emissions Data, page 22 Annex: Environmental Data, page 5 SASB Table, Greenhouse Gas Emissions, page 12		
305-2 Energy indirect (Scope 2) GHG emissions	Climate Change , Emissions Data, page 22 Annex , Environmental Data, page 5		
305-3 Other indirect (Scope 3) GHG emissions	Climate Change: Emissions Data, page 22 Reducing Scope 3 Emissions, page 25 Annex , Environmental Data, page 5		
305-4 GHG emissions intensity	Climate Change , Emissions Data, page 22 Annex , Environmental Data, page 5		
305-5 Reduction of GHG emissions	Climate Change , pages 19-25 Environmental Health & Safety , pages 27-28 Product Responsibility , pages 37-40		
GRI 306: Waste			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision: Our Strategy for a Changing World, pages 9-10 Aspirations, SDG Alignment, and Goals, pages 14-15 Environmental Health & Safety , Reducing Waste, pages 31-32		
103-2 The management approach and its components	Our Sustainability Vision , Aspirations, SDG Alignment, and Goals, pages 14-15 Environmental Health & Safety: EHS Policy & Management, pages 27-28 Reducing Waste, pages 31-32 Product Responsibility: Circular Economy & End-of-Life Management, page 39 Packaging & Logistics, pages 39-40 Ethical Leadership , ESG Oversight & Management, page 71 Annex , Risk Oversight & Management, page 11		
103-3 Evaluation of the management approach	Environmental Health & Safety: EHS Policy & Management, page 27 Reducing Waste, pages 31-32		


Environmental Topics (cont.)

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
306-1 Waste generation and significant waste-related impacts	Environmental Health & Safety , Reducing Waste, pages 31-32 Product Responsibility , pages 35-40		
306-2 Management of significant waste-related impacts	Our Sustainability Vision , Aspirations, SDG Alignment, and Goals, pages 14-15 Product Responsibility , pages 35-40 Supply Chain Responsibility , SuCCESS2030, page 42		
306-3 Waste generated	Environmental Health & Safety , Reducing Waste, pages 31-32 Annex , Environmental Data, page 6		
306-4 Waste diverted from disposal	Environmental Health & Safety , Reducing Waste, pages 31-32 Annex , Environmental Data, page 6		
306-5 Waste directed to disposal	Environmental Health & Safety , Reducing Waste, pages 31-32 Annex , Environmental Data, page 6		
GRI 307: Environmental Compliance			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision , Our Strategy for a Changing World, pages 9-10 Environmental Health & Safety , EHS Policy & Management, pages 27-28		 
103-2 The management approach and its components	Environmental Health & Safety , EHS Policy & Management, pages 27-28 Ethical Leadership , ESG Oversight & Management, page 71 Annex , Risk Oversight & Management, page 11		
103-3 Evaluation of the management approach	Climate Change , pages 19-25 Environmental Health & Safety , pages 26-32		
307-1 Non-compliance with environmental laws and regulations	In 2019, Applied Materials received three notices of violation worldwide. These were for minor environmental non-compliance issues that did not result in any legal proceedings. Corrective actions were implemented to prevent recurrence. Applied paid fines totaling \$7,690.		
GRI 308: Supplier Environmental Assessment			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision : Our Strategy for a Changing World, pages 9-10 Driving Sustainability in the Supply Chain, page 12 Aspirations, SDG Alignment, and Goals, page 15		
103-2 The management approach and its components	Our Sustainability Vision : Driving Sustainability in the Supply Chain, page 12 Aspirations, SDG Alignment, and Goals, page 15 Supply Chain Responsibility , SuCCESS2030, page 42 Ethical Leadership , ESG Oversight & Management, page 71 Annex , Risk Oversight & Management, page 11		
103-3 Evaluation of the management approach	Supply Chain Responsibility , pages 41-45		
308-1 New suppliers that were screened using environmental criteria	Supply Chain Responsibility , pages 42-46		
308-2 Negative environmental impacts in the supply chain and actions taken	Our Sustainability Vision , Driving Sustainability in the Supply Chain, page 12 Supply Chain Responsibility , pages 42-46		

Social Topics

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
GRI 401: Employment			
103-1 Explanation of the material topic and its boundary	<p>Our Sustainability Vision: Our Strategy for a Changing World, pages 9-10 Aspirations, SDG Alignment, and Goals, page 16</p> <p>Our People & Workforce, pages 49-62</p>		  
103-2 The management approach and its components	<p>Our Sustainability Vision, Aspirations, SDG Alignment, and Goals, page 16</p> <p>Our People & Workforce, pages 49-62</p> <p>Ethical Leadership, ESG Oversight & Management, page 71</p> <p>Annex, Risk Oversight & Management, page 11</p>		
103-3 Evaluation of the management approach	<p>Our People & Workforce, pages 49-62</p>		
401-1 New employee hires and employee turnover	<p>Our People & Workforce: New Hires by Gender, page 54 Recruitment & New Hires, pages 57-58</p> <p>Annex, Social Data, page 8</p>		
401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	<p>Our People & Workforce, Employee Benefits, page 56</p>		
401-3 Parental leave	<p>Our People & Workforce, Employee Benefits, page 56</p>		
GRI 402: Labor/Management Relations			
103-1 Explanation of the material topic and its boundary	<p>Our Sustainability Vision, Our Strategy for a Changing World, pages 9-10</p> <p>Our People & Workforce, pages 49-62</p>		
103-2 The management approach and its components	<p>Our People & Workforce, pages 49-62</p> <p>Ethical Leadership, ESG Oversight & Management, page 71</p> <p>Annex, Risk Oversight & Management, page 11</p>		
103-3 Evaluation of the management approach	<p>Our People & Workforce, pages 49-62</p>		
402-1 Minimum notice periods regarding operational changes	<p>Applied Materials gives advance notice to employees of significant actions that will affect them when and to the extent it is feasible for us to do so and/or required by law.</p>		
GRI 403: Occupational Health and Safety			
103-1 Explanation of the material topic and its boundary	<p>Our Sustainability Vision: Our Strategy for a Changing World, pages 9-10 Aspirations, SDG Alignment, and Goals, page 14</p>		 
103-2 The management approach and its components	<p>Our Sustainability Vision, Aspirations, SDG Alignment, and Goals, page 14</p> <p>Environmental Health & Safety, EHS Policy & Management, pages 27-28</p> <p>Ethical Leadership, ESG Oversight & Management, page 71</p> <p>Annex, Risk Oversight & Management, page 11</p>		
103-3 Evaluation of the management approach	<p>Environmental Health & Safety, Occupational Health & Safety, pages 33-34</p>		
403-1 Occupational health and safety management system	<p>Environmental Health & Safety, Occupational Health & Safety, pages 33-34</p> <p>Annex, EHS-Related Certifications, page 4</p>		
403-2 Hazard identification, risk assessment, and incident investigation	<p>Environmental Health & Safety, Occupational Health & Safety, Managing Hazards & Risks, page 33</p>		



Social Topics (cont.)

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
403-3 Occupational health services	Environmental Health & Safety, Occupational Health & Safety, page 33		
403-4 Worker participation, consultation, and communication on occupational health and safety	Environmental Health & Safety, Occupational Health & Safety, page 33		
403-5 Worker training on occupational health and safety	Environmental Health & Safety, Occupational Health & Safety, Safety Training, page 34		
403-6 Promotion of worker health	Our People & Workplace, Employee Benefits, page 56		
403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Environmental Health & Safety, Occupational Health & Safety, pages 33-34		
403-9 Work-related injuries	Environmental Health & Safety, Occupational Health & Safety, Work-Related Injury Rates, page 34 Annex, Social data table, page 9		
GRI 404: Training and Education			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision: Our Strategy for a Changing World, pages 9-10 Aspirations, SDG Alignment, and Goals, page 16 Our People & Workplace, Learning & Development, pages 59-62		
103-2 The management approach and its components	Our Sustainability Vision, Aspirations, SDG Alignment, and Goals, page 16 Our People & Workplace, Learning & Development, pages 59-62 Ethical Leadership, ESG Oversight & Management, page 71 Annex, Risk Oversight & Management, page 11		  
103-3 Evaluation of the management approach	Our People & Workplace, Learning & Development, pages 59-62		
404-1 Average hours of training per year per employee	Our People & Workplace, Learning & Development, 2019 Learning Hours, page 60 Annex, Social data table, pages 8-9		
404-2 Programs for upgrading employee skills and transition assistance programs	Our People & Workplace, Learning & Development, pages 59-62		
404-3 Percentage of employees receiving regular performance and career development reviews	Our People & Workplace, Learning & Development, Performance Appraisals & Individual Development Goals, page 60		
GRI 405: Diversity and Equal Opportunity			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision: Our Strategy for a Changing World, pages 9-10 Social Commitment, page 11 Aspirations, SDG Alignment, and Goals, pages 15-16		
103-2 The management approach and its components	Our Sustainability Vision: Social Commitment, page 11 Aspirations, SDG Alignment, and Goals, pages 15-16 Our People & Workplace, pages 49-62 Ethical Leadership, ESG Oversight & Management, page 71 Annex, Risk Oversight & Management, page 11		 
103-3 Evaluation of the management approach	Our People & Workplace, pages 49-62		
405-1 Diversity of governance bodies and employees	Our People & Workplace, Building a More Diverse & Inclusive Company, pages 50 & 5 Annex, Social Data, page 7	2020 Proxy Statement, Board Practices and Composition, page iii	




Social Topics (cont.)

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
GRI 408: Child Labor			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision, Our Strategy for a Changing World, pages 9-10 Supply Chain Responsibility, pages 41-48		
103-2 The management approach and its components	Supply Chain Responsibility, pages 41-48 Ethical Leadership, ESG Oversight & Management, page 71	Statement under the CA Transparency in Supply Chains Act Standards of Business Conduct , page 21	 
103-3 Evaluation of the management approach	Supply Chain Responsibility, pages 41-48		
408-1 Operations and suppliers at significant risk for incidents of child labor	Supply Chain Responsibility: Supplier Assessments & Monitoring, pages 42-45 Responsible Minerals Sourcing, pages 45-46 Human Rights, page 48	Statement under the CA Transparency in Supply Chains Act	
GRI 408: Forced or Compulsory Labor			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision, Our Strategy for a Changing World, pages 9-10 Supply Chain Responsibility, pages 41-48		
103-2 The management approach and its components	Supply Chain Responsibility, pages 41-48 Ethical Leadership, ESG Oversight & Management, page 71	Statement under the CA Transparency in Supply Chains Act Standards of Business Conduct , page 21	 
103-3 Evaluation of the management approach	Supply Chain Responsibility, pages 41-48		
409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	Supply Chain Responsibility: Supplier Assessments & Monitoring, pages 42-45 Responsible Minerals Sourcing, pages 45-46 Human Rights, page 48	Statement under the CA Transparency in Supply Chains Act	
GRI 412: Human Rights Assessment			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision: Our Strategy for a Changing World, pages 9-10 Aspirations, SDG Alignment, and Goals, page 15 Supply Chain Responsibility, Human Rights, page 48	Statement under the CA Transparency in Supply Chains Act	
103-2 The management approach and its components	Our Sustainability Vision, Aspirations, SDG Alignment, and Goals, page 15 Supply Chain Responsibility, Human Rights, page 48 Ethical Leadership, ESG Oversight & Management, page 71 Annex, Risk Oversight & Management, page 11	Statement under the CA Transparency in Supply Chains Act	 
103-3 Evaluation of the management approach	Supply Chain Responsibility, pages 41-48		
412-1 Operations that have been subject to human rights reviews or impact assessments	Supply Chain Responsibility, pages 43-48	Statement under the CA Transparency in Supply Chains Act	
412-2 Employee training on human rights policies or procedures	Supply Chain Responsibility, Human Rights, page 48	Statement under the CA Transparency in Supply Chains Act , page 1	

Social Topics (cont.)

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
GRI 413: Local Communities			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision: Our Strategy for a Changing World, pages 9-10 Aspirations, SDG Alignment, and Goals, page 17 Community Impact, pages 63-69		  
103-2 The management approach and its components	Our Sustainability Vision , Aspirations, SDG Alignment, and Goals, page 17 Ethical Leadership , ESG Oversight & Management, page 71		
103-3 Evaluation of the management approach	Community Impact , pages 63-69 Ethical Leadership , ESG Oversight & Management, page 71		
413-1 Operations with local community engagement, impact assessments, and development programs	Community Impact , pages 63-69 Annex , Social Data, page 9		
GRI 414: Supplier Social Assessment			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision: Our Strategy for a Changing World, pages 9-10 Driving Sustainability in the Supply Chain, page 12 Aspirations, SDG Alignment, and Goals, page 15	Statement under the CA Transparency in Supply Chains Act	 
103-2 The management approach and its components	Our Sustainability Vision: Driving Sustainability in the Supply Chain, page 12 Aspirations, SDG Alignment, and Goals, page 15 Supply Chain Responsibility , SuCCESS2030, page 42 Ethical Leadership , ESG Oversight & Management, page 71 Annex , Risk Oversight & Management, page 11	Statement under the CA Transparency in Supply Chains Act	
103-3 Evaluation of the management approach	Supply Chain Responsibility , pages 41-48		
414-1 New suppliers that were screened using social criteria	Supply Chain Responsibility , pages 42-46		
414-2 Negative social impacts in the supply chain and actions taken	Our Sustainability Vision , Driving Sustainability in the Supply Chain, page 12 Supply Chain Responsibility , pages 42-46		
GRI 415: Public Policy			
103-1 Explanation of the material topic and its boundary	Our Sustainability Vision , Our Strategy for a Changing World, pages 9-10		
103-2 The management approach and its components	Ethical Leadership , Political Engagement, pages 74-75 Annex , Political Contributions, page 11		
103-3 Evaluation of the management approach	Ethical Leadership , Political Engagement, pages 74 -75		
415-1 Political contributions	Ethical Leadership , Political Engagement, pages 74-75 Annex , Political Contributions, page 11	1H 2019 Semi-Annual Political Contributions 2H Semi-Annual Political Contributions	

Social Topics (cont.)

Disclosure	2019 Sustainability Report & Annex Locations & Narrative Response	Applied Materials External Reference	SDG Alignment
GRI 416: Customer Health and Safety			
103-1 Explanation of the material topic and its boundary	<p>Our Sustainability Vision, Our Strategy for a Changing World, pages 9-10</p> <p>Product Responsibility, Product Safety, page 40</p>		 
103-2 The management approach and its components	<p>Our Sustainability Vision, Aspirations, SDG Alignment, and Goals, page 14</p> <p>Environmental Health & Safety, EHS Policy & Management, page 27</p> <p>Product Responsibility, Product Safety, pages 35-40</p> <p>Annex, Governance, page 10</p>		
103-3 Evaluation of the management approach	<p>Product Responsibility, pages 35-40</p>		
416-1 Assessment of the health and safety impacts of product and service categories	<p>Product Responsibility: Sustainable Product Offerings, page 38</p> <p>Product Safety, page 40</p>		
GRI 417: Marketing and Labeling			
103-1 Explanation of the material topic and its boundary	<p>Our Sustainability Vision, Our Strategy for a Changing World, pages 9-10</p> <p>Product Responsibility: Reusability, page 39</p> <p>Product Safety, page 40</p>		
103-2 The management approach and its components	<p>Environmental Health & Safety, EHS Policy & Management, page 27</p> <p>Product Responsibility, pages 35-40</p> <p>Annex, Governance, page 10</p>		
103-3 Evaluation of the management approach	<p>Product Responsibility, pages 35-40</p>		
417-1 Requirements for product and service information and labeling	<p>Product Responsibility: Reusability, page 39</p> <p>Product Safety, page 40</p>		