AMD's 2019 GRI Index is prepared in accordance with the GRI Standards' Core option.		
Disclosure	**Reference (URL and/or Page Numbers)**	**2019 Data and Responses**
GRI 102: GENERAL DISCLOSURES		
1. ORGANIZATIONAL PROFILE		
102-1 Name of the organization	Annual Report	Advanced Micro Devices, Inc[1]
102-2 Activities, brands, products, and services	Annual Report	We are a global semiconductor company primarily offering: x86 microprocessors, as standalone devices or as incorporated into an accelerated processing unit (APU), chipsets; discrete and integrated graphics processing units (GPUs), and professional GPUs; and server and embedded processors and semi-custom System-on-Chip (SoC) products and technology for game consoles. We also license portions of our intellectual property portfolio. For financial information about geographic areas and for segment information with respect to revenues and operating results, refer to the information set forth in Note 15 of our consolidated financial statements, beginning on page 76 of our 2019 Annual Report.
102-3 Location of headquarters	Annual Report	2485 Augustine Drive, Santa Clara, California, 95054, U.S.
102-4 Location of operations	Our Locations Contacts	Operating in over 40 locations in more than 20 countries, including R&D facilities, data centers, and international sales offices.
102-5 Ownership and legal form	Annual Report	Corporation, publicly listed on the NASDAQ Capital Market.
102-6 Markets served	Annual Report Our Locations About AMD	We are a global semiconductor company in the x86 microprocessor and chipset markets, including central processing unit (CPU), graphics processing unit (GPU), accelerated processing unit (APU), system-on-chip (SoC) and chipset. Our microprocessors are incorporated into computing platforms, which are a collection of technologies that are designed to work together to provide a more complete computing solution and to enable and advance the computing components.
102-7 Scale of the organization	Annual Report	2019 Total Revenue: $6,731 (in millions) Institutional ownership represents over 75% of outstanding shares with Vanguard Group Inc as the majority shareholder as of June 30, 2019.

102-8 Information on employees and other workers	Data Tables	• Number of Full-Time Employees: 11,421
		  o Americas: 54%
		  o Asia-Pacific/China/Japan: 44%
		  o Europe/Africa: 2%
		
		• 99% Exempt
		• 1% Non-Exempt

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[1] Advanced Micro Devices, Inc. may be referenced as AMD and may or may not include subsidiaries, affiliates, joint ventures or other business partnerships.

102-9 Supply chain	CR@AMD Value Chain	The major elements of AMD's supply chain are listed below: • Design: AMD engineers design the circuitry for microprocessors, graphics, embedded devices and accelerated processing units. • Silicon Manufacturing: AMD's designs are manufactured on a silicon wafer. A typical wafer is made of pure silicon that is formed into cylindrical ingots. These ingots are then sliced into wafers about 0.75 mm thick. Each wafer undergoes multiple steps in the fabrication process to produce an AMD designed processors, or "die". The working die from the silicon wafer are cut and sent to be assembled into a chip. • Assembly and Test: In the assembly process each die is attached to metal connectors so it can function with other devices on a circuit board. The die is then assembled into a protective package to dissipate heat and protect it from other elements. Once fully assembled, each chip is tested for functionality. • Product Shipping: Qualified chips are then packaged for shipping to our customers. AMD works with channel partners to sell "processors in a box" direct to the computer enthusiast community as well as to Original Equipment Manufacturers (OEMs) that integrate our technology into their branded devices. • End Product Manufacturing: AMD technology powers millions of intelligent devices, including personal computers, game consoles and cloud servers that define the new era of surround computing. We market and sell our latest products under the AMD trademark. Our desktop PC product brands for microprocessors are AMD Ryzen™, AMD Ryzen™ Pro, AMD Ryzen™ Threadripper™, AMD A-Series, , AMD FX™ CPU, AMD Athlon™ , AMD Athlon™ PRO, and AMD Pro A-Series processors. Our notebook and 2-in-1s for microprocessors are AMD Ryzen™ processors are AMD Ryzen™ processors with Radeon™ Vega Graphics, AMD A-Series, , , AMD Athlon, AMD Ryzen PRO with Radeon Vega Graphics, AMD Athlon™ PRO with Radeon Vega Graphics and AMD Pro A-Series processors,. Our server brands for microprocessors are AMD EPYC™ and AMD Opteron™. We also sell low-power versions of our AMD Opteron, AMD Athlon, as well as AMD Geode™, AMD Ryzen, AMD Epyc, AMD R-Series and G-Series processors as embedded processor solutions. Our product brand for the consumer graphics market is AMD Radeon graphics, and AMD Embedded Radeon graphics is our product brand for the embedded graphics market. Our product brand for professional graphics products are AMD Radeon Pro AMD FirePro™. We also market and sell our chipsets under the AMD trademark.
102-10 Significant changes to the organization and its supply chain	NA	There were no significant changes to our supply chain in 2019.
102-11 Precautionary Principle or approach	Annual Report Core Issues Governance Planet	AMD conducts a periodic issue-prioritization process to refine our focus and resource allocation, build a foundation for an updated strategy, and communicate effectively with key stakeholders. The 2017 process determined that the core business issues to give additional emphasis are: • Role of IT in Society • Data Privacy & Security • Human Rights & Labor Issues • Energy Efficiency & Climate Change These issues and AMD's efforts to address them are detailed in the Core Issues section of our Corporate Responsibility homepage. For more information please see the Risk Factors section of our Annual Report.

102-12 External initiatives	Governance Human Rights & Labor Issues Planet Our Approach RBA's Code of Conduct Science Based Targets - Companies Taking Action 25x20 Press Release	AMD has adopted the Responsible Business Alliance's (RBA) Code of Conduct. After achieving our previous environmental goals (2009–2014), we established a new 2020 goal to reduce absolute greenhouse gas emissions (GHGs) by 20% (includes scope 1 and 2 emissions) from a 2014 baseline. In 2020, AMD announced that it had exceed this goal by achieving 31.7 times the energy efficiency of the 2014 baseline. This goal was verified by the Science Based Targets Initiative to be aligned with the reductions needed to avoid the worst effects of climate change by keeping global temperatures from rising 2 degrees Celsius. AMD was the first semiconductor company with supplier energy and climate goals verified as science-based targets by this Initiative.
102-13 Membership of associations	Stakeholder Engagement	Our main industry associations for public policy in the U.S. are the Semiconductor Industry Association (SIA), the Global Semiconductor Alliance (GSA), and the Information Technology Industry Council (ITI). Other associations are listed on our Stakeholder Engagement webpage.
2. STRATEGY		
102-14 Statement from senior decision-maker	CEO Statement	"In 1995, AMD issued its first annual corporate responsibility report to recognize the importance of being a good corporate citizen, partner, and neighbor in a global community. After 25 years, our commitment to corporate responsibility has grown and evolved to include support for STEM education, responsible sourcing of materials, improvements in product energy efficiency, protection of workers in our supply chain and new approaches to community volunteerism. In everything we do, we are committed to diversity and inclusion." -Dr. Lisa Su, President and CEO
3. ETHICS AND INTEGRITY		
102-16 Values, principles, standards, and norms of behavior	Governance Worldwide Standards of Business Conduct Code of Ethics AMD Aware by phone to the toll-free AMD Aware number appropriate to your location: – United States and Canada, 1-800-381-6221 (English language) – China 400-120-9044 (Mandarin, Cantonese, and English languages available) – Malaysia 1-800-81-2864 (Malay and English) – Singapore 800-492-2276 (Mandarin and English) – Taiwan 00801-49-1383 (Taiwanese and English)	AMD's Worldwide Standards of Business Conduct support the company's commitment to high ethical standards and compliance with laws, regulations and company policies. They are an integral part of AMD, and they provide guidelines for a broad range of ethics, policy and compliance issues; they also reference additional resources for more information on specific topics. Training typically takes about one hour per employee and must be completed during the employee's first 90 days of service, and on a three-year cadence thereafter. AMD's Code of Ethics supports the commitment of our corporate officers and key finance executives to the highest ethical standards and compliance with laws, regulations, and company policies applicable to corporate financial transactions, reporting, and disclosure. AMD executives are vested with responsibility, and in some cases, authority, to protect, balance, and preserve the interests of the company's stakeholders. AMD executives fulfill this responsibility, in part, by prescribing and enforcing appropriate policies and procedures for the company's finance organization and by enforcing and adhering to the principles set forth in this code. AMD employees can report illegal activities, violations of the Worldwide Standards of Business Conduct or obtain guidance about AMD policies by contacting the AMD Aware multilingual web portal and telephone service that accepts anonymous reports about suspected illegal activity or violations of the AMD Worldwide Standards of Business Conduct, as permitted by law. AMD Aware is available to all AMD employees and third parties worldwide, 24 hours a day and seven days a week. The Board of Directors receives summaries of all calls.
4. GOVERNANCE		
102-18 Governance structure	Governance Board of Directors Governance & Charters Principles of Corporate Governance	AMD's Board of Directors is responsible for selecting the Chief Executive Officer of the company, monitoring the operating performance and financial condition of the company, and overseeing the company's adherence to corporate standards.

The AMD Board has developed a set of Principles of Corporate Governance as a framework for its oversight activities devoted to protecting and advancing the long-term interests of shareholders and other stakeholders— including employees, customers, suppliers, creditors, and the communities where we operate.

The AMD Board will continue to assess the appropriateness and effectiveness of these principles and to update these guidelines periodically as needed.

5. STAKEHOLDER ENGAGEMENT		
102-40 List of stakeholder groups	Stakeholder Engagement	AMD's stakeholders include our workforce, customers, investors, social investment analysts, our site communities, our suppliers, non-government organizations (NGOs) and others.
102-41 Collective bargaining agreements	NA	AMD estimates that up to 4% of employees are covered by national or industry collective bargaining agreements in 2019.
102-42 Identifying and selecting stakeholders	Stakeholder Engagement	Working with Ceres, an award-winning nonprofit group focused on business and sustainability, AMD has established a stakeholder advisory panel consisting of experts from industry partner organizations, advocacy groups, and socially responsible investment firms.
102-43 Approach to stakeholder engagement	Stakeholder Engagement	AMD typically meets with the panel once to twice a year to share our progress against goals and gain a deeper understanding of how we can enhance our corporate responsibility strategies, communication, and performance.
102-44 Key topics and concerns raised	Core Issues Governance Stakeholder Engagement	In November 2016, Ceres hosted a stakeholder engagement session to gather feedback on AMD's most critical business risks and opportunities and prioritize material issues. The panel's feedback led to an updated list of prioritized corporate responsibility issues. In October 2017, Ceres again convened a stakeholder panel, this time to gather feedback on our disclosures and our system for managing human rights and labor risks in our supply chain.
6. REPORTING PRACTICE		
102-45 Entities included in the consolidated financial statements	Annual Report	Advanced Micro Devices, Inc
102-46 Defining report content and topic boundaries	Governance Stakeholder Engagement Core Issues	AMD's GRI Standards reporting strategy is defined by external stakeholder engagement, customer feedback, certification requirements, and internal strategy. We look to the GRI principles to guide our content development, including sustainability context, materiality, completeness, and stakeholder inclusiveness.
102-47 List of material topics	Governance Stakeholder Engagement Core Issues	AMD hired SustainAbility to support the company in updating our periodic materiality assessment, through which we identify and prioritize environmental and social issues important to our business and stakeholders. This issue prioritization, which began in late 2016 and concluded in early 2017, helped us to refine our strategic focus and resource allocation, build a foundation for an updated strategy, and communicate effectively with key stakeholders. The Core Issues identified through this materiality assessment include: • Role of IT in Society • Data Privacy & Security

		• [Human Rights & Labor Issues](#) • [Energy Efficiency & Climate Change](#)
102-48 Restatements of information	[Data Tables](#)	Any figures in *italics* in the data tables are restated from the previous year and are footnoted where necessary.
102-49 Changes in reporting	NA	There were no significant changes from previous reporting periods in the list of material topics and topic boundaries.
102-50 Reporting period	NA	Calendar year 2019
102-51 Date of most recent report	[Governance](#)	2019
102-52 Reporting cycle	NA	Performance data and other relevant information is updated annually.
102-53 Contact point for questions regarding the report	NA	CorporateResponsibility@AMD.com
102-54 Claims of reporting in accordance with the GRI Standards	NA	GRI in accordance with *Core* option.
102-55 GRI content index	NA	Information contained within this GRI content index.
102-56 External assurance	NA	We do not currently rely on external assurance for our corporate responsibility reporting.
GRI 200 ECONOMIC TOPICS		
GRI 201: ECONOMIC PERFORMANCE		
103-1 Explanation of the material topic and its boundary	[Annual Report](#)	
103-2 The management approach and its components	[Annual Report](#)	Five years ago, AMD set out on a journey. We established a clear focus on becoming a high-performance computing leader and defined an ambitious technology roadmap grounded in a series of key investments. As a company, we committed to strong execution and engaged deeply with our customers and partners, including industry leaders like Amazon, Apple, Google, HPE, Lenovo, Microsoft and Sony. 2019 was a major milestone in that journey. We introduced and successfully ramped the strongest product portfolio in our

		history spanning desktops, laptops, gaming and the data center, including the launches of the world's first 7nm x86 CPUs and PC GPUs. On the strength of this portfolio and strong execution, we delivered record annual revenue of $6.73 billion, strong gross margin expansion and significant profitability growth. For the second year in a row, AMD was the best performing stock in the S&P 500. Strong customer demand for our 7nm Ryzen™ and EPYC™ processors powered by our next generation "Zen 2" processor core drove $1.5 billion in client and server processor annual revenue growth in 2019
103-3 Evaluation of the management approach	Annual Report	The purpose of the Audit and Finance Committee is to oversee the accounting and financial reporting processes of the Company and the audits of the financial statements of the Company.
201-1 Direct economic value generated and distributed	Annual Report Data Tables	$6,371 - Total revenue (in millions USD)
GRI 205: ANTI-CORRUPTION		
103-1 Explanation of the material topic and its boundary	Worldwide Standards of Business Conduct	AMD's Worldwide Standards of Business Conduct includes the policy that AMD does not tolerate the offer or acceptance of bribes or kickbacks, nor does AMD tolerate corruption in any of its business dealings. AMD and its officers, directors and employees; all agents, contractors, consultants, other intermediaries, and other third parties representing AMD or acting on AMD's behalf (collectively, "Agents"); and all joint venture partners and other business partners, shall comply fully with all applicable provisions of anti-corruption laws, including the United States Foreign Corrupt Practices Act of 1977, as amended (the "FCPA"), the US Anti-Kickback Act, UK Bribery Act, the Brazil Clean Company law and Russia's Federal Anti-Corruption Law, and all other anti-corruption and/or anti-bribery legislation applicable to the company (whether by virtue of its jurisdiction of incorporation or the conduct of its business operations).
103-2 The management approach and its components	Governance Worldwide Standards of Business Conduct	AMD anti-corruption policy applies to the company, officers, employees and agents or other intermediaries or third parties acting on the company's behalf. Each officer and employee of the company has a personal responsibility and obligation to conduct our business activities ethically and in compliance with the law. The company has a principle of zero tolerance for violations of anti-corruption and bribery laws, and we reserve the right to evaluate individual situations on a case-by-case basis for appropriate disciplinary action, up to and including termination of employment or termination of a business relationship with AMD.
103-3 Evaluation of the management approach	Governance Worldwide Standards of Business Conduct	AMD's Corporate Compliance Committee is the internal group responsible for oversight of AMD's Worldwide Standards of Business Conduct and related policies/procedures (e.g., Foreign Corrupt Practices Act and conflict of interest rules). The committee provides regular ethics and compliance activity reports, as well as status updates to the Board of Directors.
205-1 Operations assessed for risks related to corruption	Worldwide Standards of Business Conduct	AMD's Internal Audit Department performs comprehensive risk analyses (including regarding corruption) of all AMD sites/departments.

205-2 Communication and training about anti-corruption policies and procedures	Worldwide Standards of Business Conduct	All employees worldwide receive electronic access to and training on AMD's Worldwide Standards of Business Conduct, which includes strict anti-corruption provisions. Training typically takes about one hour per employee and must be completed during the employee's first 90 days of service, and on a three-year cadence thereafter. All employees also receive an annual reminder email regarding the Standards including a link to the Standards.
205-3 Confirmed incidents of corruption and actions taken	NA	AMD is unaware of any such incidents during or related to 2019.
103-1 Explanation of the material topic and its boundary	Governance Worldwide Standards of Business Conduct	AMD's Worldwide Standards of Business Conduct addresses antitrust, stating "Antitrust and competition laws are designed to promote competition among businesses and prohibit acts that unreasonably restrain such competition. Activities that limit competition, restrict trade or otherwise dominate a market may violate federal or state antitrust laws. Such violations can expose the Company and individual employees to criminal penalties, large fines and civil lawsuits." AMD stands for fair trade and open markets across the globe. We believe that by encouraging open, competitive markets, everyone wins.
103-2 The management approach and its components	Governance Worldwide Standards of Business Conduct	AMD's antitrust and competition policy applies to everyone at the Company, including all officers, employees and agents or other intermediaries or third parties acting on the Company's behalf. Each officer and employee of the Company has a personal responsibility and obligation to conduct our business activities ethically and in compliance with the law. The Company has a principle of zero tolerance for violations of antitrust and competition laws, and we reserve the right to evaluate individual situations on a case-by-case basis for appropriate disciplinary action, up to and including termination of employment or termination of your business relationship with AMD. AMD understands that activities that limit competition, restrict trade or otherwise dominate a market may violate federal or state antitrust laws. Such violations can expose the Company and individual employees to criminal penalties, large fines and civil lawsuits. To avoid antitrust problems AMD does not enter into agreements with competitors to fix prices or otherwise restrict AMD's pricing freedom, to divide markets or customers, or to boycott third parties.
103-3 Evaluation of the management approach	Governance Worldwide Standards of Business Conduct	There is Vice President level oversight within the Law Department for intake of any concerns, and compliance is regularly monitored. AMD's Worldwide Standards of Business Conduct training includes this antitrust and competition compliance as a topic, and there is further information available in this area on AMD's law department intranet site, with targeted training conducted periodically.
206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	Annual Report	There were no legal actions for anti-competitive behaviors, antitrust, or monopoly practices brought against the company in 2019. Any material legal proceedings involving AMD would be discussed in our 2019 Annual Report on Form 10-K.

GRI 300 ENVIRONMENTAL TOPICS		
GRI 302: ENERGY		
103-1 Explanation of the material topic and its boundary	Planet	AMD manages energy use across the value chain (manufacturing suppliers, building operations and product use), with a focus on energy efficiency in wafer manufacturing and product design, as well as sourcing renewable energy. Product use is a primary source of energy use in our value chain due to the electricity required to operate computing devices. Several limitations exist on estimating energy use from AMD processors, including wide variations in what percentage of system-level energy use is attributable to AMD processors, as well as wide variations in the use cases for system operations. Regardless, AMD focuses on maximizing performance per watt of energy consumed through our products and estimates energy use when standard uses cases are known, such as for notebooks and desktops (ENERGY STAR® typical use scenario). In our supply chain, the largest energy use occurs at wafer manufacturing and ATMP (Assembly, Test, Mark, and Pack) facilities due to fuels, and electricity. These sites are primarily located in Asia, Americas, and Europe. Compared with our suppliers, energy use at AMD locations is not material (under 20%). AMD's main facilities include office space with some laboratories, as well as datacenters, and are largely located in the United States, Canada, China, India, Malaysia and Singapore.
103-2 The management approach and its components	Planet Energy Efficiency & Climate Change 25x20 Press Release	AMD manages energy use across our value chain by gathering available data, monitoring trends, engaging with key stakeholders, and pursuing continuous improvement through goals and corrective actions. For our supply chain, we gather data regarding the energy used to manufacture AMD products from wafer foundries (quarterly) and outsourced assembly and test sites (annually), collectively covering ~70% of our annual supplier spend. Wafer foundries represent the largest source of energy use, so AMD has public goals to keep electricity use at these operations to 40% below the industry average and to keep scope 1 GHG emissions from fuel use to 75% below the industry average, based on a manufacturing index. (The manufacturing index = sq. cm of silicon x masking layers x wafers per year.) The estimated total contract manufacturing energy use is analyzed annually and publicly disclosed. AMD works with directly with suppliers on corrective actions as needed through Supplier Business Reviews (SBRs). For AMD operations, the environment, health and safety (EHS) and facilities teams gather monthly energy use data and review trends on a quarterly basis. Any unexpected increases are evaluated, along with potential capital projects such as equipment upgrades, HVAC or lighting schedules, etc. Employees are educated through our Go Green program, annual Eco-Challenge, new employee orientation and periodic internal communications. For product use, AMD estimates annual energy consumption (in kilowatt hours, or kwh) from all notebook and desktop "accelerated processing units" (APUs) sold globally using the ENERGY STAR® 6.1 typical energy consumption (TEC) model. The TEC is multiplied by the number of units sold for each product family. A cross-functional team meets monthly to review topics related to energy efficiency. We achieved our goal to improve the energy efficiency (performance per watt) of notebook APU processors for mobile devices by 25 times by 2020, from a 2014 baseline.
103-3 Evaluation of the management approach	Planet	Annually, the management approach for collecting, evaluating and acting upon energy data is reviewed as part of the corporate responsibility reporting cycle. This entails review of data collection forms and processes, calculations for evaluating the data, and corrective action processes, if applicable.

302-1 Energy consumption within the organization	Data Tables	127 gigawatt hours (GWh) We use direct measurement where possible to track energy use (e.g., via fuel consumption data or bills) and electricity use (e.g., via utility bills). If direct measurement for electricity use is not available, as in the case of approximately 25 small office locations, usage is estimated based on square footage and published average electricity usage data. Similarly, in cases where only small amounts of fuel are used for emergency generation, estimates of usage may be made based on generator runtimes. Energy use is uploaded by sites monthly into a central database. Any renewable energy is noted, along with resource conservation projects and estimated energy savings.
302-2 Energy consumption outside of the organization	Data Tables	1,063 GWh We report estimated energy use from outside the company based on supplier electricity use from wafer manufacturing and final assembly (also called outsourced assembly and test, or OSAT) manufacturing. Each supplier manufacturing facility in scope discloses total electricity use and the amount allocated to AMD based on the percentage of manufacturing applied to AMD products at the facility, using a manufacturing index to account for product complexity, size, and volume.
302-3 Energy intensity	Data Tables	0.017 kwh/$ We calculate energy intensity based on internal energy use divided by annual revenue. Internal energy use includes electricity, natural gas, and fuel (e.g., diesel/gas oil and liquefied petroleum gas used for boiler, fire pump, heater, exhaust oxidizer, and power generator fuel consumption). Electric utility bills and fuel bills are used, along with direct measurement where possible, to gather the data. In cases where only small amounts of fuel are used for emergency generation, estimates of usage may be made based on generator runtimes.
GRI 303: WATER		
103-1 Explanation of the material topic and its boundary	Planet	Across our value chain, the highest use of water occurs in the contracted wafer manufacturing stage. We work closely with our foundry wafer suppliers to track water usage and performance goals, as well as to understand local water risks. We identify contingency plans for potential situations in which local water restrictions may be implemented.

103-2 The management approach and its components	Planet	AMD manages water use and associated business risks by working with contract manufacturers and AMD facilities to gather available data, monitor trends, and pursue continuous improvement through goals and corrective actions, if applicable. For our supply chain, we gather data regarding the water used to manufacture AMD products from wafer foundries (quarterly) and outsourced assembly and test sites (annually), collectively covering ~70% of our annual supplier spend. Wafer foundries represent the majority of water use, so AMD has a public goal to keep water use at these operations to 40% below the industry average based on a manufacturing index. (The manufacturing index = sq. cm of silicon x masking layers x wafers per year). The estimated total contract manufacturing water use is analyzed annually and publicly disclosed. AMD also uses the WRI Aqueduct Water Risk Atlas to identify high-water-risk supplier locations. Wafer foundry operations in high-water-risk areas provide AMD with annual water risk mitigation and reduction plans. Other high-risk supplier facilities may be asked for this information if/when they undergo a Supplier Business Review (SBR). For AMD operations, the EHS and facilities staff gathers monthly water use data and reviews trends on a quarterly basis. Water use is defined as the total quantity of water used at the point the water enters the site; it is documented through water bills and, where feasible, direct measurement. Most water use within AMD operations occurs at our most populated campuses and data centers, mainly located in the United States and Canada. We collect rainwater and reuse gray water in Austin, Texas, and Bengaluru and Hyderabad, India.
103-3 Evaluation of the management approach	Planet	Annually, the management approach for collecting, evaluating and acting upon water data is reviewed as part of the corporate responsibility reporting cycle. This entails review of data collection forms and processes, calculations for evaluating the data, and corrective action processes.
303-1 Water withdrawal by source	Data Tables	175 million liters (ML) To the best of our knowledge, all water used by AMD is from municipal sources or rainwater collection.
GRI 305: EMISSIONS		
103-1 Explanation of the material topic and its boundary	Planet	AMD manages scope 1, 2, and 3 GHG emissions across the value chain, with a focus on energy efficiency in wafer manufacturing and product design, as well as sourcing renewable energy. Product energy use is a primary source of GHG emissions in our value chain due to the electricity required to operate computing devices. Several limitations exist on estimating GHG emissions from the use of AMD processors, including wide variations in what percentage of system-level energy use, and related emissions, are attributable to AMD processors, as well as wide variations in the use cases for system operations. Regardless, AMD focuses on maximizing performance per watt of energy consumed across our products and estimates energy and related GHG emissions when standard uses cases are known, such as for notebooks and desktops (ENERGY STAR® typical use scenario). In our supply chain, GHG emissions mainly occur from wafer manufacturing facilities directly from fuel use or indirectly from electricity generation. At AMD operations, GHG emissions mainly occur from electricity use at large campuses and datacenters. Conservation projects are implemented, and renewable energy is sourced where appropriate.

103-2 The management approach and its components	Planet Energy Efficiency & Climate Change 25x20 Press Release	For our supply chain (scope 3) GHG emissions, we work closely with our foundry wafer suppliers each quarter to track GHG emissions (scope 1 and 2) and performance goals. Our public goals are to keep scope 1 GHG emissions from manufacturing AMD wafers to 75% below the industry average, and electricity use (which leads to scope 2 GHG emissions) to 40% below the industry average, based on a manufacturing index. (The manufacturing index (MI) = sq. cm of silicon x masking layers x wafers per year.) For outsourced assembly and test sites, we gather GHG emissions (scope 1 and 2) annually, review trends and efficiencies based on the MI, and engage suppliers as needed on corrective actions. Our scope of supplier GHG management covers ~70% of our total annual spend. The estimated total contract manufacturing GHG emissions are analyzed annually and publicly disclosed. AMD works with directly with suppliers on corrective actions as needed through Supplier Business Reviews (SBRs). For AMD operations (scopes 1 and 2), GHG emissions are mainly due to the electricity use in our office buildings and datacenters. We manage these impacts through sourcing renewable energy and implementing energy conservation projects. For product use (scope 3), we estimate annual GHG emissions based on electricity generation from all notebook and desktop APU processors sold globally using the ENERGY STAR® 6.1 typical energy consumption (TEC) model. Processor TEC is multiplied by an average electricity emission factor and multiplied by the number of units sold for each product family. A cross-functional team meets regularly to review topics related to energy efficiency across product lines. We exceeded our goal to improve the energy efficiency (performance per watt) of processors for mobile devices by 25 times by 2020, from a 2014 baseline. We report other scope 3 GHG emission estimates based on WRI GHG Protocol methods. Business air travel data is provided by our travel agency. We utilize Skype for Business and other video/teleconference tools to minimize air travel. For employee commuting, we estimate transportation modes (e.g., drive alone, carpool, cycle, bus) at our largest locations and then estimate their associated GHG emissions. Product shipping data is provided by our two primary freight companies and includes estimated GHG emissions from air travel shipments.
103-3 Evaluation of the management approach	Planet	Annually, the management approach for collecting, evaluating, and acting upon GHG data is reviewed as part of the corporate responsibility reporting cycle. This entails a review of data collection forms and processes, calculations for evaluating the data, and corrective action processes.
305-1 Direct (Scope 1) GHG emissions	Data Tables	3,190 metric tons of carbon dioxide equivalents (MTCO$_2$e) AMD's scope 1 emissions from fuel use represent just under 10% of our total scope 1 and 2 GHG emissions. The gases include hexafluoroethane (HFE) and hydrofluorocarbons (HFCs). Emission factors for fuels are based on the Intergovernmental Panel on Climate Change (IPCC) Assessment Report, and for chemical use are based on the GHG Protocol Calculation Tool (Global Warming Potential Values) and IPCC Assessment Report Table 2.14. The scope is based on operational control (i.e., AMD-occupied facilities). We follow the GHG Protocol, the internationally recognized standard for the corporate accounting and reporting of GHG emissions. The method includes Site Metrics Coordinators entering the monthly amount of fuel and chemicals use, by type, into AMD's central database, and then applying the emission factors.

305-2 Energy indirect (Scope 2) GHG emissions	Data Tables	36,911 MTCO$_2$e The method for estimating scope 2 emissions includes Site Metrics Coordinators entering the amount of electricity used each quarter into AMD's central database. AMD follows the Greenhouse Gas Protocol, the internationally recognized standard for the corporate accounting and reporting of GHG emissions. Emission factors for locations in the U.S. are based on eGRID total output emission rates, and for outside the U.S. are based on International Energy Agency (IEA) national electricity emission factors. If electricity use data is not available, as for small offices, then an average value for U.S. office buildings is used for all AMD locations (17.3kwh/sf), and the emission factor for the location is applied. AMD purchases renewable energy credits (Green-E certified wind) from the U.S. and applies them to AMD sites in the U.S. (e.g., Austin, Atlanta), as well as purchases international renewable energy credits for China and applies them to AMD sites in China. The scope of our emissions reporting is based on operational control (i.e., AMD-occupied facilities).
305-3 Other indirect (Scope 3) GHG emissions	Data Tables	987,039 MTCO2e We report estimated emissions from outside the company based on (1) supplier scope 1 and 2 emissions attributed to AMD products from wafer manufacturing and final assembly manufacturing using a manufacturing index to account for product complexity, size, and volume, (2) employee commuting from AMD's five largest campuses, (3) product shipping logistics, (4) employee air travel, and (5) and product use for notebook and desktop processors. Emission factors and calculation methodologies are aligned with the WRI GHG Protocol. We estimate employee commute and product use emissions; our suppliers provide the manufacturing facility emissions; our travel agent provides the air travel emissions; and our shipping providers provide the logistics emissions.
305-4 GHG emissions intensity	Data Tables	5.5 gCO2e/$ We calculate emissions intensity based on scope 1 and 2 emissions divided by annual revenue. Scope 1 emissions include fuel use (mainly diesel fuel and natural gas). Scope 2 emissions include electricity use. See disclosures 301 and 302 for our data gathering approach, emission factors, and calculation methodologies for emission estimates.
305-7 Nitrogen oxides (NO$_X$), sulfur oxides (SO$_X$), and other significant air emissions	Data Tables	AMD did not have reportable air emissions in 2019.
GRI 306: EFFLUENTS AND WASTE		
103-1 Explanation of the material topic and its boundary	Planet	Across AMD's value chain, the highest generation of effluents and waste occurs in the contracted wafer manufacturing stage. AMD works closely with our foundry wafer suppliers to track effluents and waste, including conducting quarterly data reviews.

103-2 The management approach and its components	Planet	AMD manages effluents and waste generation by working with contract manufacturers and AMD facilities to gather available data, monitor trends, and pursue continuous improvement through goals and corrective actions. For our supply chain, we gather data on hazardous waste generation and recycling from the manufacturing of AMD products at wafer foundries (quarterly), and outsourced assembly and test sites (annually), collectively covering ~70% of our annual supplier spend. Wafer foundries take steps to minimize hazardous waste generation and maximize hazardous waste recycle rates. AMD has a public goal to recycle 65% or more of hazardous waste from these operations. The estimated total contract manufacturing hazardous waste is analyzed annually. Negative performance trends are addressed through Supplier Business Reviews (SBRs). AMD's EHS and facilities teams gather monthly hazardous waste generation data. Hazardous waste is defined as any waste regulated as hazardous, such any listed or characteristically hazardous waste defined in the regulations of the federal Resource Conservation and Recovery Act in the United States. Waste generation is documented through waste vendor bills and, where feasible, direct measurement.
103-3 Evaluation of the management approach	Planet	Annually, the management approach for collecting, evaluating, and acting upon effluents data is reviewed as part of the corporate responsibility reporting cycle. This entails a review of EHS data collection forms and processes, calculations for evaluating the data, and corrective action processes.
306-1 Water discharge by quality and destination	Data Tables	10 million liters (ML) of wastewater
306-2 Waste by type and disposal method	Data Tables	695 metric tons (MT) total (8 MT of which is hazardous waste) AMD determines waste disposal methods based on regulations and available qualified licensed and/or permitted waste disposal and treatment facilities. We generated approximately 692 MT of non-hazardous waste in 2019. 427 MT was recycled, and 265 MT landfilled, resulting in a 62 percent diversion rate. 3 MT of regulated hazardous waste was generated in 2019. Below are the amounts by categories and disposal method for hazardous waste. - Treated (0.3 MT): Regulated waste materials generated and shipped off-site to licensed and/or permitted waste disposal and treatment facilities for treatment (for example, neutralization); - Incinerated (0.9 MT): Regulated waste materials generated and shipped off-site to licensed and/or permitted waste disposal and treatment facilities for incineration; - Landfilled (1.1MT): Regulated waste materials generated and shipped off-site to licensed and/or permitted waste disposal and treatment facilities to be landfilled; - Recycled (0.5 MT): Regulated waste that is either reused or recycled on-site or sent to an off-site recycling facility with the intent of being recycled, reclaimed, or reused.
306-3 Significant spills	Data Tables	0 No significant spills were known or reported for 2019.

306-4 Transport of hazardous waste	Data Tables	3 MT AMD uses qualified vendors for hazardous waste transport.
306-5 Water bodies affected by water discharges and/or runoff	Data Tables	0 No significant spills were known or reported for 2019.
GRI 307: ENVIRONMENTAL COMPLIANCE		
103-1 Explanation of the material topic and its boundary	Planet Product Environmental Compliance	AMD manages environmental compliance across the value chain, including supplier manufacturing, building operations, and product design (e.g., REACH/RoHS, ENERGY STAR®).
103-2 The management approach and its components	Planet Product Environmental Compliance	Environmental compliance relating to products is overseen by our Quality and Regulatory Affairs staff. Environmental compliance relating to suppliers is overseen by our Corporate Responsibility staff. Environmental compliance relating to building operations is overseen by our EHS staff. In addition, a cross-functional team composed of individuals from Supply Chain, Public Affairs, Legal, Quality, and Sales meets multiple times each year to review compliance processes, responsibilities, resources, and projects across the value chain. Third-party advisors are used when needed to support compliance initiatives, including a global monitoring service for new regulations.
103-3 Evaluation of the management approach	Planet	An executive team (composed of corporate vice presidents) representing Supply Chain, Public Affairs, Legal, Quality, and Sales is briefed periodically on compliance processes, responsibilities, resources, and projects.
307-1 Non-compliance with environmental laws and regulations	Data Tables	No non-compliances were reported in 2019.
GRI 308: SUPPLIER ENVIRONMENTAL ASSESSMENT		
103-1 Explanation of the material topic and its boundary	Planet Our Approach	AMD assesses supplier environmental performance on energy and water use, carbon emissions, and hazardous and nonhazardous waste generation and recycling. Previous AMD supply chain environmental assessments show that most environmental impacts in the supply chain occurs at wafer manufacturing facilities.The next most significant group of suppliers impacting the environment are OSAT facilities, which are located across China, Malaysia, Thailand, and other countries.

103-2 The management approach and its components	Planet Our Approach	AMD's Corporate Responsibility staff meets quarterly with wafer foundry manufacturers to review established key performance indicators and trends. We track progress toward our public goals for supplier wafer manufacturing that compare energy, emissions, water, and waste performance for foundry operations to industry averages, based on a manufacturing index. (The manufacturing index = sq. cm of silicon x masking layers x wafers per year.) Supplier responsibility performance for wafer foundries is scored on a scale of 1–100 across five categories (communication, management system, performance, corrective actions, and industry leadership). The score is incorporated into our quarterly Supplier Business Reviews, representing 10% of the total score. For OSATs, we collect environmental impact data annually and assess suppliers and/or locations with disproportionately high impacts based on the manufacturing index for OSATS.
103-3 Evaluation of the management approach	Planet Our Approach	Each year, our Corporate Responsibility and Supply Chain staff reviews the effectiveness of supplier environmental assessment programs and processes. If adjustments are necessary, we review the changes and work with our suppliers to incorporate them.. AMD will reach out to those suppliers to ensure corrective actions were implemented as needed.
308-2 Negative environmental impacts in the supply chain and actions taken		AMD's supplier environmental assessment covers approximately 70% of our total annual supplier spend, including the most significant environmental impacts (foundry wafer manufacturing and OSAT operations). These facilities are located around the world. We communicate our expectation to all suppliers that they meet all applicable laws and regulations as well as the Responsible Business Alliance (RBA) Code of Conduct.
GRI 400 SOCIAL TOPICS		
GRI 401: EMPLOYMENT		
103-1 Explanation of the material topic and its boundary	People	At AMD, our goal is to be an employer of choice, with passionate, innovative, fully engaged employees. To achieve this goal, we need a strong culture that reaches across all aspects of our business. Our founder's guiding direction was "People first, products and profits will follow." And that remains true to this day. Our success as a company is dependent on the people who design our technology, as well as the people who use it.
103-2 The management approach and its components	People	Much of our future success depends upon the continued service of numerous qualified personnel. Competition for highly skilled employees and executives in the technology industry is intense. If we are not able to continue to attract, train and retain qualified personnel necessary for our business, the progress of our product development programs could be hindered, and we could be materially adversely affected.
103-3 Evaluation of the management approach	People Compensation and Leadership Resources Committee	Part of our Board of Directors' Compensation and Leadership Resources Committee's charter is to: "provide advice and guidance to the Company with regard to its talent management and development programs."
401-2 Benefits provided to full-time employees that are not provided to temporary or	People	At AMD, we're on a mission to build high-performance computing and graphics products that accelerate next-generation computing experiences. In support of that mission, our Total Rewards compensation and benefits programs provide a blend of monetary and non-monetary rewards to attract, retain, and recognize talented employees while generating valuable and differentiated business results that motivate both employees and shareholders. We offer competitive salaries

part-time employees		based on regular benchmarking by location, position, and industry. Our Annual Incentive Plan (aka Bonus) or Sales Incentive Plan provide discretionary incentive compensation for eligible employees. AMD equity encourages employee retention with restricted stock units that vest over time. AMD offers regional healthcare, wellness and retirement plans to our employees. Our employees also have the opportunity to participate in our employee stock purchase program (ESPP). Spotlight bonuses, peer recognition tools, service awards, and the employee referral program allow AMDers to celebrate each other. AMD offers Global Parental Leave and Employee Assistance, plus regional paid-vacation, holidays, and wellness programs help employees manage their busy lives. Opportunities for employee career advancement, learning and development, and mentoring are also offered.
401-3 Parental leave	People	AMD offers paid parental leave globally to its employees. "Parental leave" can encompass various types of leaves in different countries; it provides time off for parents to nurture their families and make necessary life adjustments.
GRI 403: OCCUPATIONAL HEALTH AND SAFETY		
103-1 Explanation of the material topic and its boundary	People	AMD collects and tracks a variety of health and safety performance indicators across our global operations that are used to monitor trends and help focus our actions to prevent injuries. Related areas include legal compliance, employee well-being, injury and illness prevention, emergency preparedness and response, electrical safety, equipment safety, chemical safety, and ergonomics.
103-2 The management approach and its components	People	AMD implements global EHS standards to provide the structural framework for the development of best-in-class EHS programs for our operations throughout the world. These standards are designed to be consistent with internationally recognized management systems such as ISO 14001 and OHSAS 18001.
103-3 Evaluation of the management approach	People	AMD publicly reports metrics, key performance indicators, and targets for EHS, labor, and other topics in alignment with the Global Reporting Index. Periodic assessments of performance are tracked and used to drive continuous improvement.
403-2 Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	Data Tables	0.02 – worldwide injury and illness case rate (per 100 workers)
GRI 404: TRAINING AND EDUCATION		
103-1 Explanation of the material topic and its boundary	People	AMD has a variety of courses on compliance topics available to all employees through the AMD Learning Management System (LMS).
103-2 The management	People	Several of the courses are mandatory for all or certain groups of employees and many of them include tutorials and self-assessments. Some of the available courses include: AMD's Worldwide Standards of Business Conduct (which includes anti-corruption and confidentiality training), Export Control and Harassment Prevention.

approach and its components		
103-3 Evaluation of the management approach	People	All employees receive access to and training on AMD's Worldwide Standards of Business Conduct. Training typically takes about one hour per employee and must be completed during the employee's first 90 days of service and/or every three years thereafter. AMD has approximately 11,400 employees worldwide for a total of 10,000 hours of training on these standards. All employees also receive an annual reminder email regarding the Standards, including a link to AMD's Worldwide Standards of Business Conduct.
404-2 Programs for upgrading employee skills and transition assistance programs	People	AMD offers a "My Career" intranet page to employees that provides tools and tips to manage their careers. This includes Career Development and Education & Training. In addition, AMD offers an e-learning for professional development which is available anytime from anywhere in the world. The e-learning resources include courses and videos from SkillSoft and LinkedIn Learning, book summaries from getAbstract, stimulating articles from Harvard Business Review, and technical and engineering books from Safari Books Online.
103-1 Explanation of the material topic and its boundary	People Human Rights & Labor Issues Worldwide Standards of Business Conduct	AMD is committed to providing all employees with the same opportunities for success regardless of age, ancestry, color, marital status, medical condition, mental or physical disability, national origin, race, religion, political and/or third-party affiliation, sex, pregnancy, sexual orientation, gender identity, military or veteran status. Therefore, AMD employees are prohibited from making employment-related decisions based on any of these factors. We emphasize a workplace in which all employees can contribute fully to the company's success based on their skills and interests.
103-2 The management approach and its components	People Human Rights & Labor Issues Worldwide Standards of Business Conduct	The company values respect, integrity, initiative, accountability, and innovation in support of our customers' success. Based on these values, we know that: • Business success is created when the company recruits and develops the most talented people and rewards them for their contributions. • The company's customers are best served by employees who have a variety of perspectives. • Innovation comes from different perspectives and ideas.
103-3 Evaluation of the management approach	People Governance Human Rights & Labor Issues	AMD uses a Learning Management System that assigns courses, sends reminders, and logs training completion dates and certifications for our employees. Managers can view the completion status of their employee's courses and assign courses to their employees, as can centers of expertise internally.
405-1 Diversity of governance bodies and employees	People Data Tables	AMD publicly reports gender diversity figures annually. 2019 Global Employee Data • Total Workforce: 2019: 75% M 24% F (1% unknown) • Senior Management: 2019: 86% M 13% F (1% unknown) Engineering: 2019: 80% M 19% F (1% unknown) AMD does not currently report on other employee minority group representation.
GRI 406: NON-DISCRIMINATION		
103-1 Explanation of the material topic and its boundary	Governance Human Rights & Labor Issues Worldwide Standards of Business Conduct	AMD is committed to providing a workplace where all employees have the opportunity to contribute fully to the company's success. An environment that is free of harassment and discrimination and built on respectful relationships in the workplace enables the company to meet this commitment.

103-2 The management approach and its components	Governance Human Rights & Labor Issues Worldwide Standards of Business Conduct	AMD has a zero-tolerance policy against harassment, including sexual harassment, and discrimination based on age, ancestry, color, marital status, medical condition, mental or physical disability, national origin, race, religion, political and/or third party affiliation, sex, sexual orientation, gender identity or veteran status. The company also prohibits employees from retaliating against an individual who reports what he or she believes in good faith to be such harassment or discrimination in the workplace.
103-3 Evaluation of the management approach	Governance Human Rights & Labor Issues Worldwide Standards of Business Conduct AMD Aware by phone to the toll-free AMD Aware number appropriate to your location: – United States and Canada, 1-800-381-6221 (English language) – China 400-120-9044	Employees are encouraged to share any concerns with any of the following options: their manager, the AMD Corporate Compliance Committee, the AMD Law, Internal Audit, or Human Resources Departments, or the AMD Aware multilingual web portal and telephone service that accepts anonymous reports about suspected illegal activity or violations of the AMD Worldwide Standards of Business Conduct, as permitted by law. AMD Aware is available to all AMD employees and third parties worldwide, 24 hours a day and seven days a week. The Board of Directors receives summaries of all calls.
406-1 Incidents of discrimination and corrective actions taken	NA	No corroborated incidents were found during 2019.
GRI 407: FREEDOM OF ASSOCIATION AND COLLECTIVE BARGAINING		
103-1 Explanation of the material topic and its boundary	RBA's Code of Conduct RBA Code Letter Supplier Assurance Letter	AMD has formally adopted the Responsible Business Alliance's Code of Conduct, which includes respecting worker's rights to freedom of association and collective bargaining, and open communication / engagement between workers and management. AMD shares the expectation that our suppliers do the same through contracts and an annual assurance letter.
103-2 The management approach and its components	NA	AMD posts federal notices of worker's rights to freedom of association and collective bargaining in corporate bulletin boards across the AMD sites.
103-3 Evaluation of the management approach	Our Approach Human Rights & Labor Issues	AMD publicly reports on labor issues and other topics in alignment with the Global Reporting Index. Periodic assessments of performance are tracked and used to drive continuous improvement.
407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	Our Approach RBA's Code of Conduct Human Rights & Labor Issues	No incidents related to workers' rights to freedom of association and collective bargaining were found or alleged via any court or administrative agencies during or related to 2019.

GRI 408: CHILD LABOR		
103-1 Explanation of the material topic and its boundary	Human Rights & Labor Issues Our Approach	AMD is committed to respecting its employees' human rights. AMD does not allow the use of forced labor in providing its products or services and prohibits physical abuse or harassment and retaliation against employees reporting harassment amongst its employees. The company strictly forbids child labor and forced/compulsory labor practices in any AMD operation or our business partners and suppliers.
103-2 The management approach and its components	Worldwide Standards of Business Conduct RBA's Code of Conduct RBA Code Letter	AMD's Worldwide Standards of Business Conduct strictly forbid child labor and forced/compulsory labor practices. Furthermore, AMD has formally adopted the Responsible Business Alliance's Code of Conduct, which defines responsible business practices for "young workers."
103-3 Evaluation of the management approach	Human Rights & Labor Issues Our Approach	AMD publicly reports on labor issues and other topics in alignment with the GRI Standards. Periodic assessments on performance are tracked and used to drive continuous improvement.
408-1 Operations and suppliers at significant risk for incidents of child labor	Our Approach	We track risk categories and prioritize specific types of corporate responsibility risk based on the operation, location, and results of prior reviews. Certain geographic locations and business operations are known to be more prone to these types of abuses and are given added scrutiny. AMD is unaware of any incident related to forced or compulsory labor related to 2019.
GRI 409: FORCED OR COMPULSORY LABOR		
103-1 Explanation of the material topic and its boundary	Human Rights & Labor Issues Our Approach RBA's Code of Conduct RBA Code Letter Forced Labor and Human Trafficking	AMD does not permit the use of forced labor in providing our products or services, and we prohibit physical abuse, harassment and retaliation against employees reporting harassment. We strictly forbid child labor and forced/compulsory labor practices in any AMD operation or by our business partners and suppliers.
103-2 The management approach and its components	Worldwide Standards of Business Conduct RBA's Code of Conduct RBA Code Letter	AMD's Worldwide Standards of Business Conduct strictly forbid child labor and forced/compulsory labor practices. Furthermore, AMD has formally adopted the Responsible Business Alliance's Code of Conduct, which defines expectations for freely chosen employment.
103-3 Evaluation of the management approach	Data Tables Our Approach	AMD publicly reports metrics, KPIs and targets on EHS, labor and other topics in alignment with the GRI Standards. Periodic assessments on performance are tracked and used to drive continuous improvement.
409-1 Operations and suppliers at significant risk for incidents of forced or	Our Approach	We track risk categories and prioritize specific types of corporate responsibility risk based on the operation, location, and results of prior reviews. Certain geographic locations and business operations are known to be more prone to these types of abuses and are given added scrutiny. AMD is unaware of any incident related to forced or compulsory labor related to 2019.

compulsory labor		

GRI 412: HUMAN RIGHTS ASSESSMENT		
103-1 Explanation of the material topic and its boundary	Human Rights & Labor Issues Our Approach	AMD does not permit the use of forced labor in providing our products or services, and we prohibit physical abuse or harassment and retaliation against employees reporting harassment. We strictly forbid child labor and forced/compulsory labor practices in any AMD operation or by our business partners and suppliers. AMD is also committed to breaking the link between the mineral trade and ongoing conflicts and human rights abuse in Central Africa.
103-2 The management approach and its components	Worldwide Standards of Business Conduct	Our Worldwide Standards of Business Conduct outline our expectations for ethical conduct and human rights commitments both for our own operations and for our suppliers. Training typically takes about one hour per employee and must be completed during the employee's first 90 days of service, and on a three-year cadence thereafter Employees who manage supplier business relationships are required to take additional supply chain responsibility training courses.
103-3 Evaluation of the management approach	Human Rights & Labor Issues Our Approach RBA's Code of Conduct Supplier Assurance Letter	While our global supply chain model supports productivity and efficiency, we strive to ensure the breadth and complexity doesn't obscure systemic issues regarding the organization and management of workers. We have a vested stake in ensuring that our goods are produced in a humane manner—not just to meet consumers' interest in responsible goods but also to help build sustainable economic models based on the values of human rights and global citizenship. We work with our suppliers to help them improve. Supplier business reviews provide a regular forum where senior leaders from both companies come together to discuss topics relevant to our business relationship. To ensure that our responsibility standards are being upheld, we ask our suppliers to extensively report on their performance and review third-party audit information. Our base level expectation is that each supplier providing manufacturing materials and/or services to AMD will demonstrate conformance to the standards outlined in the Responsible Business Alliance's Code of Conduct, as well as any local labor, environmental, or health and safety laws and regulations. We further expect that each supplier will, in turn, communicate to their suppliers the same expectations and implement reasonable mechanisms to monitor their compliance.
412-1 Operations that have been subject to human rights reviews or impact assessments	Our Approach Supplier Assurance Letter	All manufacturing suppliers are subject to supply chain responsibility risk assessment that includes potential human rights abuses.
412-2 Employee training on human rights policies or procedures	Our Approach	As of December 2019, 100% of AMD's supplier managers have completed RBA Supply Chain Responsibility training. We also require employees who manage manufacturing supplier relationships to take specific training aimed at recognizing forced labor conditions.
GRI 413: LOCAL COMMUNITIES		

103-1 Explanation of the material topic and its boundary	Community Affairs	AMD helps empower people to live more productive lives, not only through the power of its products, but also through the power of its employee volunteers, the AMD Community Corps. Every year at corporate sponsored activities, AMD employees give their time and talents to help improve the community where they live and work.
103-2 The management approach and its components	Community Affairs	For more than 35 years, AMD has invested money, time, and technology in organizations that help strengthen communities worldwide. This support is ongoing, but we also focus our resources annually for our Day of Service.
103-3 Evaluation of the management approach	Community Affairs	We work closely with community partners to measure the shared value created through our work. We annually survey our employees worldwide to understand their overall satisfaction, specifically asking them about their impressions of our community engagement programs.
413-1 Operations with local community engagement, impact assessments, and development programs	Community Affairs	Employees from 20 sites around the world volunteered for the 5th annual AMD Cares Day of Service in 2019. All told, 3,098 AMDers volunteered for more than 160 projects benefiting the community.
GRI 414: SUPPLIER SOCIAL ASSESSMENT		
103-1 Explanation of the material topic and its boundary	Our Approach Human Rights & Labor Issues	AMD's supply chain, like the rest of the IT industry, is global in nature. While our global supply chain model supports productivity and efficiency, we strive to ensure the breadth and complexity doesn't obscure systemic issues regarding the organization and management of workers. We have a vested stake in ensuring that our goods are produced in a humane manner—not just to meet consumers' interest in responsible goods but also to help build sustainable economic models based on the values of human rights and global citizenship.
103-2 The management approach and its components	Our Approach RBA's Code of Conduct Supplier Assurance Letter	We work with our suppliers to help them improve, if needed. Supplier business reviews provide a regular forum where senior leaders from both companies come together to discuss topics relevant to our business relationship. To ensure that our responsibility standards are being upheld, we ask our suppliers to extensively report on their performance and review third-party audit information. Our base level expectation is that each supplier providing manufacturing materials and/or services to AMD will demonstrate conformance to the standards outlined in the Responsible Business Alliance's Code of Conduct, or equivalent, as well as any local labor, environmental, or health and safety regulations. We further expect that each supplier will, in turn, communicate to their suppliers the same expectations and implement reasonable mechanisms to monitor their compliance.
103-3 Evaluation of the management approach	Our Approach	We track risk categories and prioritize specific types of CR risk based on the operation, location and results of prior reviews. Certain geographic locations and business operations may be more prone to higher risk and are given added scrutiny.

414-2 Negative social impacts in the supply chain and actions taken	RBA's Code of Conduct RBA Code Letter Data Tables	AMD adopted the Responsible Business Alliance (RBA, formally the EICC) Code of Conduct. In 2019 we communicated our expectations to our manufacturing suppliers that they conform to the Code. In 2019, 98% of our major supplier facilities completed their RBA SAQ and no high-risk supplier facilities were identified.
GRI 415: PUBLIC POLICY		
103-1 Explanation of the material topic and its boundary	Public Policy	AMD's commitment to public policy participation includes working with governments and authorities, non-governmental organizations (NGOs), trade associations and other groups to deepen our understanding of issues and diverse perspectives, as well as to share our experience and expertise as part of an informed public policy development process.
103-2 The management approach and its components	Public Policy	We are actively engaged in several public policy efforts that are pertinent to our business, our industry and users of AMD technology everywhere. Some of these public policy priorities for AMD include: • Environmental Protection • Energy Efficiency and Greenhouse Gas Emissions • Secure Technology • Competition and Market Access
103-3 Evaluation of the management approach	Stakeholder Engagement	AMD drives collaboration and innovation in the technology sector. Acting alone, even companies many times our size can only have limited influence. Meaningful improvement in corporate citizenship requires collaboration on a global scale. As such, we work with our industry associations to engage on pertinent public policy issues and measure success.
415-1 Political contributions	Data Tables	AMD made no political donations in 2019 in the U.S.
GRI 418: CUSTOMER PRIVACY		
103-1 Explanation of the material topic and its boundary	Data Privacy & Security AMD Processor Security Updates	A confluence of changing conditions makes data protection a top concern for organizations of every size and specialty. Innovations in network infrastructure have brought new capabilities through cloud computing and the Internet of Things, but have simultaneously expanded the attack surface and introduced potential vulnerabilities. At the same time, today's threat landscape continues to expand and evolve as cyber criminals devise new and better methods for exploiting security weaknesses or technological innovations.
103-2 The management approach and its components	Data Privacy & Security AMD Processor Security Updates	In response to the potential increase in security issues, it is no surprise that cybersecurity remains a top priority at AMD. This commitment extends across all tiers and work groups within our company—from policies that govern our corporate operations, to technologies and practices that help keep our intellectual property and the information we hold safe, to products that support stronger protections for our customers.
103-3 Evaluation of the management approach	AMD Processor Security Updates	At AMD, security is a top priority and we are continually working to improve the safety of our users as new risks arise. Recent public disclosures have brought to the forefront the constant need to protect and secure data.
418-1- Substantiated complaints concerning	AMD Processor Security Updates	Please visit https://www.amd.com/en/corporate/security-updates for more information. This site is a centralized location for the latest security-related updates as they relate to AMD.

breaches of customer privacy and losses of customer data		
GRI 419: SOCIOECONOMIC COMPLIANCE		
103-1 Explanation of the material topic and its boundary	Worldwide Standards of Business Conduct Governance	AMD adheres to our business, financial reporting, and accounting practice requirements, and those specified by the laws in each country where we conduct business. We expect AMD employees and agents to follow company policies and employ high ethical standards.
103-2 The management approach and its components	Worldwide Standards of Business Conduct	Please see our Worldwide Standards of Business Conduct, Pg.6.
103-3 Evaluation of the management approach	Worldwide Standards of Business Conduct Code of Ethics Governance	Business and Accounting and Financial Reporting Principles AMD executives will maintain company transaction and reporting systems and procedures to ensure: • The company adheres to the legal business and accounting practice requirements of each country and location in which it conducts business. • No undisclosed or unrecorded company fund or asset is established for any purpose. • The company's books and records contain no false or misleading entries. • No payment is made on the company's behalf without adequate support documentation or for any purpose other than as described in the documents. • Business transactions are properly authorized and completely and accurately recorded in accordance with Generally Accepted Accounting Principles (GAAP) and pertinent company policies. • The company adheres to financial reporting requirements set forth in the laws and regulations that govern the company's business. In this regard, executives will ensure that accurate financial statements and disclosures of company operations, financial conditions and cash flows are prepared, and that periodic financial reports are filed in a timely manner and in a manner that facilitates the highest degree of clarity of content and meaning. • The company prepares documents, as may be required, certifying the appropriateness and accuracy of the statements and disclosures in periodic financial reports. • The company discloses on a timely basis, as may be required, of all material transactions and relationships that may have a material current or future effect on the company's business, financial condition and/or results of operations.
419-1 Non-compliance with laws and regulations in the social and economic area	Annual Report Data Tables	Please see our 2019 Annual Report.