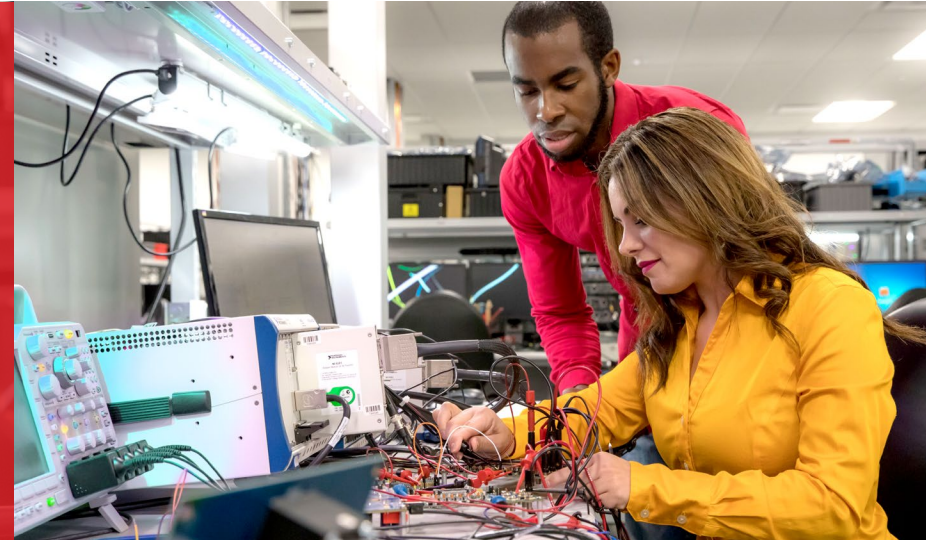


# GRI INDEX

Global Reporting  
Initiative Standards

# Standards content index

TI subscribes to the Global Reporting Initiative's (GRI) Sustainability Reporting Standards (GRI Standards). This table is an index of general and specific standard disclosures based on GRI guidance. The index provides a simple and standardized way to share information that is both relevant and important to TI and its stakeholders.



Indicator	Description	Location
102-1	Name of the organization	Texas Instruments Incorporated (NASDAQ: TXN)
102-2	Activities, brands, products and services	For more information, see our <a href="#">SEC Form 10-K</a> , Part I, pages 2-4.
102-3	Location of headquarters	Our headquarters is located at 12500 TI Boulevard, Dallas, Texas 75243.
102-4	Location of operations	Go <a href="#">here</a> to view our major locations.
102-5	Ownership and legal form	For more information, see our <a href="#">SEC Form 10-K</a> , Part I.
102-6	Markets served	For more information, see our <a href="#">SEC Form 10-K</a> , Part I, pages 5-7.
102-7	Scale of the organization	On Dec. 31, 2017, TI had 29,714 employees and manufacturing, design and sales operations in more than 30 countries. We sold tens of thousands of products and generated \$14.96 billion in revenue. ( <a href="#">SEC Form 10-K</a> , Part I, Item 1, pages 2, 9; Item 2, page 14)
102-8	Information on employees and other workers	Please see <a href="#">Employees</a> to learn more about our team.
102-9	Supply chain	Go <a href="#">here</a> to learn more about our <a href="#">Supply chain management</a> .
102-10	Significant changes to the organization and its supply chain	TI announced in January 2017 a reorganization of the product lines inside our two business segments, Analog and Embedded Processing, to align by product categories that our customers think about. Analog is comprised of three major products: Power, Signal Chain, and High Volume Analog and Logic (HVAL). Embedded Processing is comprised of two product lines: Connected MCU and Processors. TI made no significant changes to its size, ownership or supply chain during the year. In 2017, revenue grew 12 percent. For more information, see our <a href="#">SEC Form 10-K</a> .

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Indicator	Description	Location
102-11	Precautionary principle or approach	We consider precautionary principles in many aspects of our operations. For example, our aggressive chemical and material screening process assures that we do not use materials whose hazards are not understood and controlled.
102-12	External initiatives	See our <a href="#">Voluntary standards</a> to learn more about our external initiatives.
102-13	Membership of associations	TI belongs to many <a href="#">associations</a> with which it works on various policy objectives. We are more active in some than others, and do not work on all issues with every association and may not align on all positions. We also collaborate with other outside groups and coalitions to advance policies that drive growth, promote competitiveness and support TI's shareholders, customers, employees and the communities in which we operate.
102-14	Statement from senior decision-maker	Read about our commitment in our <a href="#">Executive statement</a> .
102-16	Values, principles, standards and norms of behavior	TI's first ethics guide was published in 1961 and has been the foundation to our strong ethical standards for doing business. In 2015, we updated our <a href="#">Code of Conduct</a> , which reinforces the core values of integrity, innovation and commitment that govern how we operate. All employees are required to complete training on this code and to certify compliance.
102-18	Governance structure	Go here for <a href="#">Governance</a> at TI.
102-40	List of stakeholder groups	Our stakeholders include, but may not be limited to, employees, customers, shareholders, communities where we have operations, academia, public officials, trade associations, regulatory agencies, nongovernmental organizations, analysts, investors, suppliers, contractors, TI retirees and potential employees.
102-41	Collective bargaining agreements	Employees at any of our global operations have always had the freedom to associate and/or right to collective bargaining as provided by local statutes; therefore, we don't track the percentage of employees engaged in these agreements.
102-42	Identifying and selecting stakeholders	We engage with stakeholders who directly influence or have interest in our operations. See <a href="#">Stakeholder engagement</a> .
102-43	Approach to stakeholder engagement	In 2017, we completed a formal stakeholder assessment to identify and better understand environmental, social and governance topics that are most important to TI and its stakeholders. The assessment included global peer benchmarking and surveying of managers/employees, suppliers, customers, community leaders, investors and trade associations. See <a href="#">Stakeholder engagement</a> .
102-44	Key topics and concerns raised	Through engagement with stakeholders in 2017, we have identified several areas of interest: supplier management; suppliers' or TI's labor, human rights and environment practices; conflict minerals; ethics and compliance; water and energy use; air quality/emissions; climate change; information protection/privacy; product innovation; diversity/inclusion; business and supply continuity; and severe weather events.

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Indicator	Description	Location
102-45	Entities included in consolidated financial statements	TI has two reportable segments: Analog and Embedded Processing. TI reports the results of its remaining business activities in Other. ( <a href="#">SEC Form 10-K</a> , Part I, Item 1, page 2-4). This report covers citizenship topics for all entities included in our financial statements.
102-46	Defining report content and topic boundaries	To determine the focus of this report, we formally assess stakeholders biannually and consult with our Citizenship Steering Team. See <a href="#">Stakeholder engagement</a> to learn more about our approach.
102-47	List of material topics	Read our <a href="#">Stakeholder engagement</a> for our list of material topics.
102-48	Restatements of information	Any restatements of information are included in the footnotes beneath the specific performance data tables.
102-49	Changes in reporting	TI transitioned from GRI's G4 guidelines to the GRI Standards. We made no other changes in reporting.
102-50	Reporting period	The reporting period covers calendar year 2017.
102-51	Date of most recent report	Our 2016 report was released in May 2017.
102-52	Reporting cycle	We release an annual citizenship report.
102-53	Contact point for questions regarding the report	For questions about citizenship at TI or this report, contact <a href="mailto:citizenshipfeedback@list.ti.com">citizenshipfeedback@list.ti.com</a> .
102-54	Claims of reporting in accordance with the GRI Standards	This report has been prepared in accordance with the GRI Standards: Core option.
102-55	GRI content index	See our GRI Index to learn more about how we align with the GRI Standards.
102-56	External assurance	We currently do not seek independent assurance of report data.

## Economic performance

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	Learn more about our management approach at <a href="#">About TI</a> and <a href="#">Who We Are</a> . See our <a href="#">SEC Form 10-K</a> for details on our performance.
201-1	Direct economic value generated and distributed	Our <a href="#">Annual Report</a> provides information about our financial performance. For our philanthropic contributions, see <a href="#">Community</a> .
201-2	Financial implications and other risks and opportunities due to climate change	TI has no intention of quantifying the potential implications of climate change as a broad risk. We evaluate site-related risks (severe weather, droughts, etc.) and implement necessary controls to reduce operational and environment impacts.

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## Economic performance (continued)

Indicator	Description	Location
201-3	Defined benefit plan obligations and other retirement plans	We have various employee retirement plans, including defined contribution, defined benefit and retiree health care benefit plans. Contributions to these plans meet or exceed all minimum funding requirements. <a href="#">SEC Form 10-K</a> , Item 10, page 48: Post Retirement Benefit Plans.
201-4	Financial assistance received from government	TI received tax-benefit incentives from federal, state and local governments around the world. These incentives are commonly available to manufacturing companies with investments in equipment and facilities, employment and R&D. See <a href="#">SEC Form 10-K</a> Part II, Item 8, Note 6, pages 42-44 and tax policy for additional details.

## Market presence

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Our employees</a> to learn more about our management approach.
202-1	Ratios of standard entry level wage by gender compared to local minimum wage	TI does not maintain a standard entry wage for every country; however, we have verified that we are paying employees above local minimum wage in every country in which we operate. We compensate each employee based on legitimate work-related factors regardless of gender, race, ethnicity or other protected characteristics.
202-2	Proportion of senior management hired from the local community	TI's strategy is to hire the best and brightest individuals to work at our company, and 99 percent of our employees in senior positions are from the communities where we operate.

## Procurement practices

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Supply chain management</a> to learn more about our management approach.
204-2*	Proportion of spending on U.S. minority and women-owned enterprises.	Our proportion of spend is 6.4%.

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## Anti-corruption

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	For information about our anti-corruption policies, please see <a href="#">Ethics</a> at TI and our <a href="#">Code of Conduct</a> .
205-1	Operations assessed for risks related to corruption	We assess 100 percent of our worldwide manufacturing operations for risks related to corruption.
205-2	Communication and training about anti-corruption policies and procedures	TI provided Ethics and Compliance Awareness training that included lessons on anti-corruption to all employees and 99.9 percent completed the classes. We also refreshed our anti-bribery and falsification of records policy during the year. We train third-parties and vendors using a myriad of tools on anti-corruption. Additionally, we provide awareness to our own employees and contractors on this topic in regular internal news articles.
205-3	Confirmed incidents of corruption and actions taken	If allegations of corruption are brought to our attention, we work to investigate and resolve them appropriately and disclose material, substantiated incidents as appropriate.

## Anti-competitive behavior

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Ethics</a> to learn more about our management approach.
206-1	Legal actions for anti-competitive behavior, anti-trust and monopoly practices	For material legal proceedings involving TI, <a href="#">SEC Form 10-K</a> , page 15.

## Materials

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Materials management</a> to learn more about our management approach.
301-2	Recycled input materials used	The majority of the purchase materials required to manufacture our products are chemicals. Although most chemicals used in semiconductor processing must be ultra-pure, we collect and reuse oxide slurry at some of our sites. Where feasible, we also collect waste acids from our processes for reuse in abatement equipment. During construction projects, we give preference to materials containing recycled products, although we do not currently track the total amount of recycled material purchased for these projects.

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## Materials (continued)

Indicator	Description	Location
301-3	Reclaimed products and their packaging materials	Currently, we are unable to determine the percentage of products reclaimed by customers or end users. TI Education Technology participates in various recycle programs. Although TI cannot control how customers handle the semiconductors they place in their products, nor their product's end-of-life issues, we provide detailed information about the substances used in our components so that customers can make informed decisions about end-of-life disposal.

## Energy

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Energy use</a> to learn more about our management approach.
302-1	Energy consumption within the organization	See data on our <a href="#">Energy consumption</a> . TI does not sell any energy outside of our company.
302-3	Energy intensity	Our energy intensity ratio is 0.38. We use energy consumed within TI as the numerator and the number of chips produced within TI as the denominator. This ratio is then reported as a normalized value where 2005 = 1.
302-4	Reduction of energy consumption	<a href="#">Energy conservation savings</a> are based on electric, natural gas and heating savings projects. The basis for calculation is the estimated annualized reduction for each project and the total is reported as the sum of all the annualized savings estimates.
302-5	Reductions in energy requirements of products and services	The energy required to operate a chip for a year can be as little as 0.15 watt-hours. TI also works to reduce energy use in our products and is often able to achieve a reduction of 7 percent over prior designs when implementing a new design that performs an equivalent function.

## Water

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Water and wastewater</a> to learn more about our management approach.
303-1	Water withdrawal by source	See our <a href="#">Wastewater</a> discharge data.
303-2	Water sources significantly affected by withdrawal of water	We are not aware of any negative impacts on water sources from our operations.
303-3	Water recycled and reused	More information is available on our <a href="#">Water reused</a> data.
304-1	Biodiversity	Learn more about our <a href="#">Biodiversity</a> approach.

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Emissions		
Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Air emissions</a> and <a href="#">Climate change</a> to learn more about our management approach.
305-1	Direct (Scope 1) GHG emissions	See <a href="#">Direct (scope 1) emissions</a> (total). Gases included in the calculation are CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub> and NF <sub>3</sub> . TI has no biogenic emissions. We adopted GHG reduction goals targeting 2020 based on a 2015 baseline. We have not made any significant changes in emissions that triggered recalculations of base year emissions. Our source of the emission factors and the global warming potential (GWP) rates used is U.S. Environmental Protection Agency's GHG MRR Final Rule. All calculations for scope 1 emissions follow either U.S. EPA MRR or IPCC Tier 2.
305-2	Energy indirect (Scope 2) GHG emissions	See <a href="#">Indirect (scope 2) emissions</a> (total). We adopted GHG reduction goals targeting 2020 based on a 2015 baseline. We have not made any significant changes in emissions that triggered recalculations of base year emissions. Our source of the emission factors and the global warming potential (GWP) rates used is U.S. Environmental Protection Agency's GHG MRR Final Rule. All calculations for scope 2 emissions follow either US EPA MRR or IPCC Tier 2.
305-4	GHG emissions intensity	See <a href="#">GHG emissions per chip</a> . The ratio was calculated using both scope 1 and scope 2 emissions, which include CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, PFCs, SF <sub>6</sub> and NF <sub>3</sub> , as the numerator and using the number of chips produced within TI as the denominator. This ratio is then reported as a normalized value where 2005 is 1.
305-5	Reduction of GHG emissions	TI has increased scope 1 and 2 emissions by 9,974 MTCO <sub>2</sub> e since 2015, the base year set for our calculation. Gases used in the calculation are CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub> and NF <sub>3</sub> . Calculation tools used are either U.S. EPA MRR or IPCC Tier 2.
305-6	Emissions of ozone-depleting substances (ODS)	The only ODS used at TI are in closed loop refrigeration units, and these units are being phased out as they reach their end of life. TI does not produce or export CFC-11 (trichlorofluoromethane).
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	See more on <a href="#">NOx</a> in our performance data. TI does not collect worldwide data on SOx, POPs, HAPs or PM.

## Effluents and waste

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Water and wastewater</a> to learn more about our management approach.
306-1	Water discharge by quality and destination	More information is available on our <a href="#">Wastewater discharge</a> data.
306-2	Waste by type and disposal method	Learn more about our <a href="#">Waste types</a> .



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## Effluents and waste (continued)

Indicator	Description	Location
306-3	Significant spills	No significant spills occurred in 2017.
306-4	Transport of hazardous waste	In 2017, TI did not ship any hazardous waste across international borders.

## Environmental compliance

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Environment, safety and health</a> to learn more about our management approach.
307-1	Non-compliance with environmental laws and regulations	TI received no significant fines or sanctions (greater than \$25,000) in 2017.

## Supplier environmental assessment

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Supply chain management</a> to learn more about our management approach.
308-2	Negative environmental impacts in the supply chain and actions taken	TI works with thousands of suppliers worldwide and communicates our expectations for responsible environmental performance. We assess strategic and high-risk suppliers against these and other criteria set by the Responsible Business Alliance's Code of Conduct – as well as our own policies and standards. In 2017, we evaluated more than 300 supplier sites and our findings revealed no significant negative environmental impacts or issues of concern. As a result, no relationships were terminated.

## Employment

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Our employees</a> to learn more about our management approach.
401-1	New employee hires and employee turnover by age, region and gender	TI hired 2,635 employees (excluding interns) in 2017. Go <a href="#">here</a> for details on employee turnover. Hiring rates by gender and age are considered confidential information.
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	At TI, both full-time U.S.-based employees and employees who work an alternative work schedule (20 to 39 hours per week) are eligible for all benefits, including medical, prescription, dental, vision, employee assistance and income protection. Temporary or part-time employees on alternative work schedules less than 20 hours per week are not eligible for benefits.

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## Employment (continued)

Indicator	Description	Location
401-3	Parental leave	We offer paid maternity, paternity and adoption leave. We do not track return-to-work and retention rates after parental leave.
401-4*	Employee tenure at company by average years of service	Less than 10 years: 49.4% 10-20 years: 25.5% More than 20 years: 25.1%

## Labor/management relations

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Our employees</a> to learn more about our management approach.
402-1	Minimum notice periods regarding operational changes	In the U.S., TI provides a minimum of one week's notice regarding shift changes and provides at least 60 days' notice (or pay in lieu of notice) for reductions in force. Outside the U.S., TI adheres to local labor laws.

## Occupational health and safety

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Employee health and safety</a> to learn more about our management approach.
403-1	Workers representation in formal joint management–worker health and safety committees	TI has formal environmental, safety and health (ESH) committees at all manufacturing sites. These committees are comprised of manufacturing managers, ESH specialists and employee representatives.
403-2	Types and rates of injury, occupational diseases, lost days, absenteeism and number of work-related fatalities	We track employee absenteeism due to occupational injuries and illnesses based on number of days lost. In 2017, our absentee rate was 2.26. We had no work-related fatalities. Go <a href="#">here</a> to see our safety rates.
403-3	Workers with high incidence or high risk of diseases related to their occupation	TI does not have workers who are involved in occupational activities with high incidence or high risk of specific diseases. We have very strong industrial hygiene programs that ensure that all chemical exposure in the workplace is minimized and does not adversely affect worker health.

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## Training and education

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Development</a> to learn more about our management approach.
404-1	Average hours of training per year per employee	Employees globally received, on average, 36.6 hours of training.
404-2	Programs for upgrading employee skills and transition assistance programs	Employees take part in a variety of <a href="#">development</a> opportunities over the course of their career.
404-3	Percentage of employees receiving regular performance and career development reviews	We've seen greater success in employee engagement, goal-setting and alignment with the company priorities by instead encouraging better conversations between supervisors and employees and by providing access to online resources to guide these conversations. We regularly assess employees' understanding of their own goals and manager expectations. Employees and their managers may agree to more frequent reviews. TI supports employees owning their development plans and therefore does not track the number of employees receiving performance reviews.

## Diversity and equal opportunity

Indicator	Description	Location
103-1 to 103-3	Disclosure on management approach	See <a href="#">Diversity and inclusion</a> , and <a href="#">Pay and benefits</a> to learn more about our management approach.
405-1	Diversity of governance bodies and employees	View our <a href="#">Corporate governance</a> , and <a href="#">Employee diversity</a> data.
405-2	Ratio of basic salary and remuneration of women to men	We are confident that we pay our employees equitably. TI has long been committed to competitive and equitable compensation regardless of gender, race, or ethnicity or other protected characteristics. We have designed checks and balances into our compensation system, including an in-depth annual analysis, to ensure that we achieve it. We conducted a separate compensation analysis examining gender pay parity (including base, bonus and equity), which takes into account job type and job level. The analysis confirmed that within the U.S., we've achieved 100 percent gender pay parity. In fact, within our three most populous countries, including the U.S. (making up approximately 70 percent of our employee population), the same analysis also shows that women are paid as much as men. Additional information on TI's pay equity goals and policies can be found in <a href="#">Pay and benefits</a> .

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## Nondiscrimination

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Diversity and inclusion</a> to learn more about our management approach.
406-1	Incidents of discrimination and corrective actions taken	Although we compile discrimination allegations for internal review and action, we do not currently report this information since we consider it confidential. We work to successfully resolve any inquiries related to discrimination.

## Security practices

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Ethics</a> to learn more about our management approach.
410-1	Security personnel trained in human rights policies or procedures	Our Worldwide Protective Services organization has a standard protocol for maintaining a safe and respectful working environment globally. This includes delivering targeted training that includes ethics, compliance and human rights components to 100 percent of our security personnel.

## Human rights assessment

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Human rights</a> to learn more about our management approach.
412-1	Operations that have been subject to human rights reviews or impact assessments	TI successfully audited two operations for human rights as part of its Responsible Business Alliance (RBA, formerly known as EICC) validated audit process. We assessed 100 percent of our worldwide manufacturing sites using the RBA's self-assessment tools.
412-2	Employee training on human rights policies or procedures	All employees receive training and guidance on TI's values and ethics, specifically as it relates to integrity and respect in the workplace. In 2017, Code of Conduct awareness training, which addresses human rights, was required for all employees globally.

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## Local communities

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Enriching our communities</a> to learn more about our management approach.
413-1	Operations with local community engagement, impact assessments and development programs	We conduct environmental impact assessments at all sites and have found no negative impacts on water, air or biodiversity to date. At each of our sites, we engage with community leaders to identify local needs so that we may support them through corporate, foundation and employee giving as well as by providing volunteers (see <a href="#">Giving</a> and <a href="#">Volunteerism</a> to learn more about our community investments). TI does not conduct formal community impact assessments because our sites are located in existing industrial areas that do not negatively impact vulnerable populations. We provide many channels for our neighbors to contact TI with questions or concerns (see <a href="#">Stakeholder engagement</a> ).
413-2	Operations with significant actual and potential negative impacts on local communities	TI announced in 2016 that it was taking steps to begin the closure of the GFAB manufacturing facility in Greenock, Scotland, to transfer work to more cost-effective plants in Germany and the U.S. This process has been extended through mid-2019. If we are unable to find an appropriate buyer, about 300 TI jobs will be affected through elimination or transfers.

## Supplier social assessment

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Supply chain management</a> to learn more about our management approach.
414-1	Percentage of new suppliers that were screened using social criteria.	If deemed critical to TI, we formally screen new suppliers using social and environmental criteria. New suppliers comprise a very small portion of our overall spend; therefore, there is no formal tracking process.
414-2	Negative social impacts in the supply chain and actions taken	TI works with thousands of suppliers worldwide and communicates our expectations for responsible social performance. We assess strategic and high-risk suppliers against these and other criteria set by the Responsible Business Alliance's Code of Conduct – as well as our own policies and standards. In 2017, we evaluated more than 300 supplier sites and our findings revealed no significant negative social impacts or issues of concern. As a result, no relationships were terminated.

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## Public policy

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Public policy</a> to learn more about our management approach.
415-1	Political contributions	TI's political activities and contributions report reflects U.S. activity only. We do not make political contributions in any country outside the United States.

## Marketing and labeling

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Responsible manufacturing</a> to learn more about our management approach.
417-1	Requirements for product and service information and labeling	Learn more about these requirements on our <a href="#">Responsible packaging and labeling</a> page.

## Socioeconomic compliance

Indicator	Description	Location
103-1 to 103-3	Disclosure of management approach	See <a href="#">Ethics</a> learn more about our management approach.
419-1	Non-compliance with laws and regulations in the social and economic area	TI received no material fines and no material non-monetary sanctions.

\* Developed by TI.