

2015



# SAS Corporate Social Responsibility Report





## TABLE OF CONTENTS

Letter From the CEO

About This Report

GRI Index

Governance & Management

- Governance Structure

- Ethics & Regulatory Compliance

- Supply Chain

- Continuity of Business

Environmental Program

- Environmental Governance

- Energy & Emissions

- Landfill Diversion

- Water Conservation

- Green Building Practices

- Biodiversity

- Awareness & Engagement

Employees & Culture

- Workplace Culture

- Hiring & Retaining Staff

- Skills Development

- Health & Safety

Education & Philanthropy

- K-12 Education

- Higher Education

- Philanthropy

- Community Engagement

- Donation Process



## LETTER FROM THE CEO

Since 1976, SAS has been a sustainability innovator through environmental, social and economic efforts. From our roots helping farmers analyze agricultural data to [finding resources to rebuild a community in Nepal](#) after last year's earthquake, we've been committed to making a significant, positive difference. As we celebrate our 40th anniversary and 40 years of consecutive growth, we stand firm as a corporate responsibility leader, supporting the planet and people through our practices.

[Environmental responsibility](#) plays a prominent role in our numerous offices worldwide, which incorporate the most advanced design, engineering, materials and technology available. Recycling and energy conservation are priorities. In 2015, SAS generated 3.7 million kWh of clean, renewably sourced energy from rooftop and ground-mounted solar systems. [Numerous recognitions in 2015](#) highlight our efforts as a good corporate citizen.

With 11 Leadership in Energy and Environmental Design (LEED) certifications and more underway, we remain dedicated to green building standards for all design, construction and renovation. To advance analytics as a cornerstone of "smart city" management, SAS recently became an [Envision America partner](#). Our aim is to help municipalities run more efficiently and improve stewardship of limited resources.

*"As we celebrate our 40th anniversary and 40 years of consecutive growth, we stand firm as a corporate responsibility leader, supporting the planet and people through our practices."*

But it takes more than technology to manage and analyze large amounts of data. It takes skills. SAS has made education its primary philanthropic initiative to help prepare the next generation of innovators. Our long history includes providing analytics training through major universities and our own SAS Analytics U. For students and teachers, we provide free and low-cost options to SAS software and training.

In fact, SAS proficiency was recently identified as the [most valuable career skill](#). Learning SAS for free can be a boost to those looking to jump-start their careers. This year, we launched the [SAS Academy for Data Science](#) to further develop these highly marketable skills. SAS supports a host of other education initiatives that promote science, technology, engineering and math.

As always, SAS views our people as our greatest resource. Since its inception, SAS has been recognized as a pioneer in corporate culture. Year after year, SAS ranks high on various lists for best workplaces around the world. SAS has seen a direct correlation between its workplace culture and business success. We are convinced that satisfied employees mean satisfied customers.

In 2015, we experienced our 40th consecutive year of growth and profitability, with US\$3.16 billion in revenues. This success is strongly tied to our SAS community and the investments we make in employee health, well-being and work-life balance. I firmly believe that if you treat employees like they make a difference, they will make a difference.

As our world evolves, we must be diligent in safeguarding the planet, targeting innovative ways to sustainably live and work. But we can't do it alone: To change the world for the better, we must collaborate to explore new possibilities. Being socially responsible is about making tomorrow a priority - today.

Jim Goodnight  
CEO of SAS



## ABOUT THIS REPORT

### Report basics

The SAS 2015 *Corporate Social Responsibility (CSR) Report* is based on the calendar year Jan. 1 to Dec. 31, 2015 and updated annually. All data and information pertains to SAS Institute Inc., the US-based parent company for SAS, unless otherwise stated. Environmental reports are based on global operations data. The most recent report was the 2014 CSR report, which was published online in August 2015. That data has now been updated for the 2015 report. In 2015, SAS made strides to improve global reporting of its programs and initiatives, and will continue to improve reporting on offices outside of the US. There have been no other significant changes during the reporting period.

The report was developed using Global Reporting Initiative (GRI) G4 sustainability reporting guidelines and was prepared in accordance with Core GRI requirements. SAS' CSR efforts focus on four core areas: governance and ethics, employees, environment, and education and philanthropy. The report can be viewed in a PDF document by separate sections or as a complete report so information is more accessible and customizable. The report format allows for greater explanation and transparency on SAS' practices and policies and provides space for updates to relevant and material topics. Over time, this report will evolve in response to the needs of stakeholders, employees, customers and the community.

SAS® Visual Analytics data visualization software is used to [generate charts and graphs](#) to illustrate the data and provide additional analytics capabilities. This provides far greater visibility, transparency and accuracy in reporting SAS' environmental impact. Charts and graphs included in the PDF documents reflect a specific time frame for gathering and analyzing data for this report. Executive leaders and other relevant internal stakeholders have reviewed content in this report.

SAS welcomes your comments and questions regarding this report and its corporate responsibility efforts. For questions about this report or its contents, please email [globalreporting@sas.com](mailto:globalreporting@sas.com).

### Scope and Boundaries

Since SAS' headquarters are in Cary, NC, the scope of this CSR report focuses primarily on SAS United States operations. Where available, global data is provided and appropriately labeled. There have been no significant changes to the scope and boundaries for SAS; however, there have been improvements in the reporting of such boundaries.

Because SAS is a software company, much of the company's impact is related to the operation of the company rather than the products and services provided to customers. Externally, impacts generally occur related to the business practices of suppliers.

Examples of various impacts include:

- Environmental impacts: energy use in offices and data centers, waste, and construction of new buildings.
- Societal impacts: compliance with local, national and international laws; ethical treatment of employees, customers, suppliers, partners and communities; supporting and fostering a strong workforce.
- Financial impacts: creating value in communities where SAS operates; job creation and economic growth; supporting the community through philanthropy.

At this time, SAS does not collect environmental information on suppliers or partners; however, the company seeks to work with organizations that have a similar approach to reducing their environmental impact. All suppliers must abide by required ethics and compliance rules, which can be found in the Supply Chain section under Governance & Management of the Corporate Responsibility website.

## Materiality Matrix

The CSR Task Force, a cross-departmental sustainability team based in the US, underwent a facilitated process to determine the primary issues that affect SAS and its stakeholders. This included issues that affect the industry as a whole, peer businesses, communities, customers, employees and management. Through this process, the team determined areas where SAS has a significant environmental, social or economic impact. These issues were then rated to determine their importance to stakeholders and/or SAS' operations. Using the G4 guidelines, these issues have been reported as "material aspects."

Each team member then gathered information specific to these areas of impact for inclusion in this report. The focus areas of this report include:

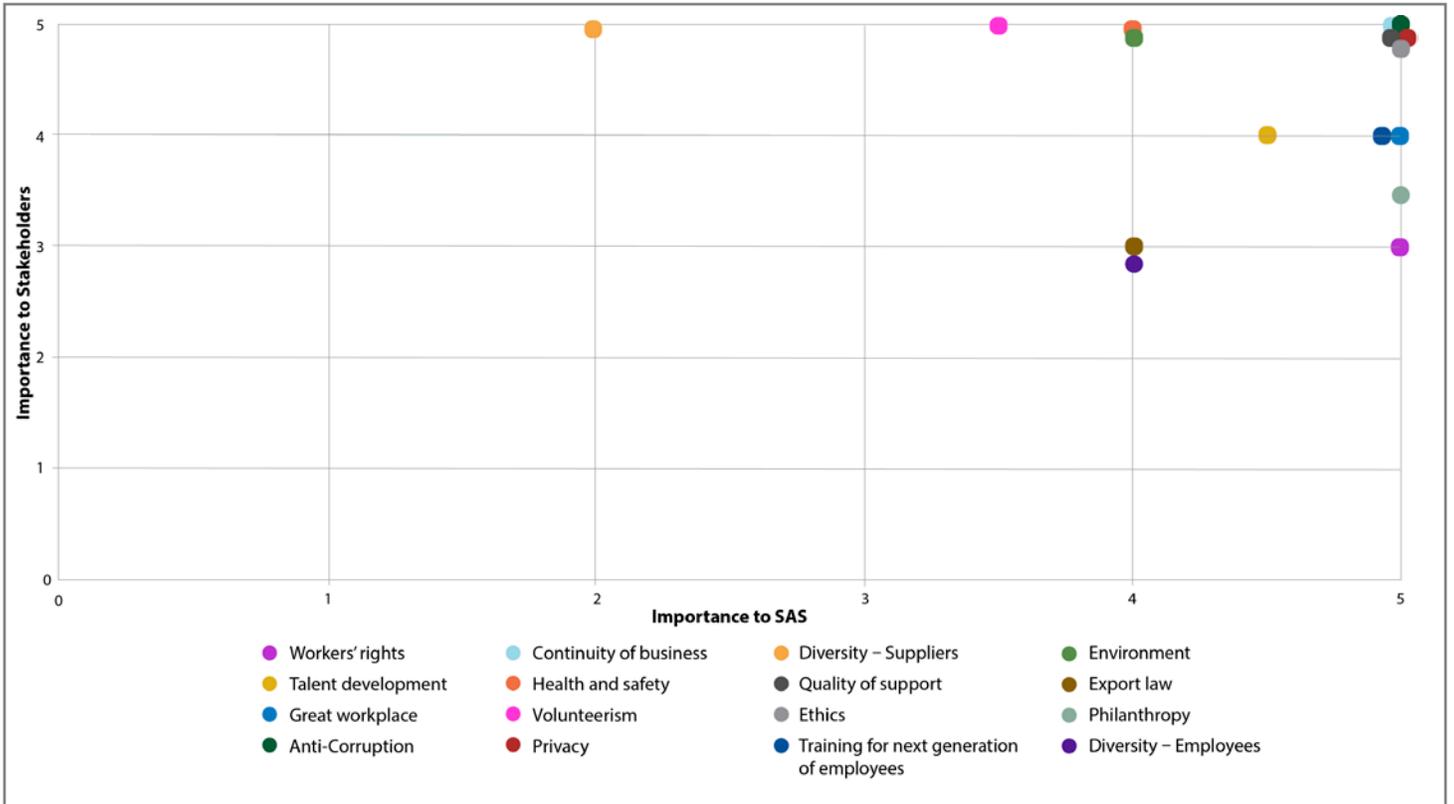
Internal: Issues Relevant to Employees and Management

- Workers' rights
- Health and safety
- Training for next generation of employees
- Talent development
- Volunteerism and community engagement
- Environment
- Energy and Emissions
- Water
- Waste
- Green building
- Great workplace

External: Issues Relevant to Other Stakeholders, Including Customers, Communities, Governments, Partners, Subcontractors, Suppliers, Etc.

- Privacy
- Ethics
- Anti-Corruption
- Bribery
- Gift law
- Lobbying
- Campaign contributions
- Export law
- Continuity of business
- Quality of support
- Diversity
- Philanthropy
- Environment

## 2015 Materiality Matrix



## Stakeholder Engagement

SAS' stakeholders include communities, employees, regulatory and governmental bodies, industry organizations, students and teachers, and business partners and suppliers. Engagement with stakeholders provides SAS with the opportunity to gain a greater understanding of the needs in the community and in the market. It allows the company to build strong partnerships with regulatory bodies and organizations within the industry, and lasting relationships with communities, employees, partners and suppliers.

SAS continues to engage with stakeholders both internally and externally, including:

Stakeholder	Engagement	2015
Communities	Employee volunteers, community grants, in-kind donations and training, fundraising.	Employee donations and corporate matching for DonorsChoose.org totaled nearly \$135,000, funding 836 classroom projects and benefiting 95,000 students in 49 states. SAS employees volunteered 29,000 hours, resulting in \$91,750 donated to education from the Employee Volunteer Fund.
Employees	Enhance the SAS workplace culture by communicating with and informing employees about company activities and internal and external programs.	Intranet, webcasts, videos, webzines, blogs and The Hub, an enterprisewide social networking platform.
Regulatory and government	Domestic and international policy and legislation development on topics that affect SAS customers and the development of new products.	Data protection and privacy; big data; copyright protections; review of legislation targeting frivolous patent lawsuits; revision of administrative policies to ensure strong, quality patents are issued.
Industry organizations	Industry associations, think tanks and academia.	Public speaking engagements, development or contribution to industry position papers, and one-to-one meetings.
Business partners and suppliers	Meetings, webcasts and representation on boards.	Board memberships include American Chamber of Commerce to the European Union (AmCham EU) Executive Council, Atlantic Council Board of Directors and American Statistical Association.
Customers	Host ongoing dialogue with customers to answer questions and gather input for product improvement.	SAS interacts with customers through the SAS Global Forum conference, customer advisory boards, self-help and assisted-help resources, focus groups, training, books, technical papers, social media, support communities, samples, SAS notes and focus areas, and more.
Analysts	Inform and solicit feedback from industry analysts.	SAS' Analyst Relations group is responsible for informing, influencing and soliciting feedback from industry analysts and thought leaders with the purpose of validating technology and corporate direction and to provide SAS with a crucial third-party perspective.
Students and teachers	Free online and mobile curriculum resources, free SAS software, teacher and professor training, summits and meetings, classroom volunteers.	SAS' Curriculum Pathways® provides free online resources and mobile apps for early learners to grade 12. SAS offers free software, training and communities for people to gain valuable analytics skills, and supports analytics degree and certificate programs at colleges and universities around the world. SAS is a regular convener of important education meetings, and focuses volunteer efforts on education.
External communications	Build awareness and shape the SAS brand through external communications.	External communications helps build awareness and shape the SAS brand by influencing what others think and say about the company. SAS uses external communications to guide the flow of information to educate and persuade various public stakeholders, including the news media, bloggers, customers, prospects, analysts and partners.



## GRI INDEX

Indicator	Description	Reference
Strategy and Analysis		
G4-1	Statement from the most senior decision maker of the organization	From the CEO
Organizational Profile		
G4-3	Name of the organization	Governance and Management>Governance Structure>Company Profile
G4-4	Primary brands, products and services	Governance and Management>Governance Structure>Company Profile
G4-5	Location of headquarters	Governance and Management>Governance Structure>Company Profile
G4-6	Number of countries where organization operates	Governance and Management>Governance Structure>Company Profile
G4-7	Nature of ownership and legal form	Governance and Management>Governance Structure>Company Profile
G4-8	Markets served	Governance and Management>Governance Structure>Company Profile
G4-9	Scale of organization	Governance and Management>Governance Structure>Company Profile
G4-10	Size and composition of workforce	Employees and Culture>Hiring and Retaining Staff
G4-11	Percentage of employees covered by collective bargaining	None
G4-12	Organization's supply chain	Governance and Management>Supply Chain
G4-13	Significant organizational changes during the reporting period	None
G4-14	Precautionary approach or principle is addressed by the organization	Environmental Program>Environmental Governance>Precautionary Approach
G4-15	Externally developed economic, environmental, and social charters the organization endorses	Governance and Management>Supply Chain Management
G4-16	Memberships and Associations	Education and Philanthropy>Community Engagement
Identified Material Aspects and Boundaries		
G4-17	List all entities and explain omissions	Governance and Management>Company Profile; About This Report
G4-18	How report content was defined	About This Report>Scope and Boundaries
G4-19	List of material aspects	About This Report>Materiality Matrix
G4-20	Aspect boundary within the organization	About This Report
G4-21	Aspect boundary outside the organization	About This Report
G4-22	Restatements	About This Report>Scope and Boundaries
G4-23	Significant changes in scope or boundary	About This Report>Scope and Boundaries

Indicator	Description	Reference
Stakeholder Engagement		
G4-24	List of stakeholders	<a href="#">About This Report&gt;Stakeholder Engagement</a>
G4-25	Basis for identification and selection of stakeholders with whom to engage	<a href="#">About This Report&gt;Stakeholder Engagement</a>
G4-26	Approach to stakeholder engagement	<a href="#">About This Report&gt;Stakeholder Engagement</a>
G4-27	Key topics and concerns raised by stakeholders	<a href="#">About This Report&gt;Materiality Matrix</a>
Report Profile		
G4-28	Reporting Period	<a href="#">About This Report</a>
G4-29	Date of most recent previous report	<a href="#">About This Report</a>
G4-30	Reporting cycle	<a href="#">About This Report</a>
G4-31	Contact point	<a href="#">About This Report</a>
G4-32	GRI 'in accordance' option	<a href="#">About This Report</a>
G4-31	External assurance	None
Governance		
G4-34	Governance structure of the organization	<a href="#">Governance and Management&gt;Governance Structure&gt;Company Profile</a>
Ethics and Integrity		
G4-56	Organization's values, codes of conduct and codes of ethics	<a href="#">Governance and Management&gt;Ethics and Regulatory Compliance</a>
Economic Impact		
G4-EC1	Direct economic value generated and distributed	<a href="#">CEO Letter; Philanthropy</a>
G4-EC2	Financial implications and other risks and opportunities for the organization's activities due to climate change	Not applicable
G4-EC9	Proportion of spending on local suppliers at significant locations of operation	<a href="#">Governance and Management&gt;Supply Chain Management - North Carolina only</a>
Environmental - Energy		
G4-EN1	Materials used by weight or volume	<a href="#">Environmental Program&gt;Energy and Emissions</a>
G4-EN2	Manufacturing based input materials	<a href="#">Environmental Program&gt;Energy and Emissions</a>
G4-EN3	Energy consumption within the organization	<a href="#">Environmental Program&gt;Energy and Emissions</a>
G4-EN5	Energy Intensity	<a href="#">Environmental Program&gt;Energy and Emissions</a>
G4-EN6	Reduction of energy consumption	<a href="#">Environmental Program&gt;Energy and Emissions</a>
G4-EN7	Reductions in energy requirements of products and services	<a href="#">Environmental Program&gt;Energy and Emissions</a>
Environmental - Water		
G4-EN8	Total water withdrawal by source	<a href="#">Environmental Program&gt;Water Conservation</a>
G4-EN10	Percentage and total volume of water recycled and reused	<a href="#">Environmental Program&gt;Water Conservation</a>

Indicator	Description	Reference
Environmental - Biodiversity		
G4-EN11	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	<a href="#">Environmental Program&gt;Biodiversity</a>
G4-EN12	Description of significant impacts of activities, products, and services on biodiversity in protected areas and areas of high biodiversity value outside protected areas	<a href="#">Environmental Program&gt;Biodiversity</a>
G4-EN13	Habitats protected or restored	<a href="#">Environmental Program&gt;Biodiversity</a>
Environmental - Emissions		
G4-EN15	Direct greenhouse gas emissions (scope 1)	<a href="#">Environmental Program&gt;Energy and Emissions</a>
G4-EN16	Indirect greenhouse gas emissions (scope 2)	<a href="#">Environmental Program&gt;Energy and Emissions</a>
G4-EN19	Reduction of GhG emissions	<a href="#">Environmental Program&gt;Energy and Emissions</a>
Environmental - Effluents and Waste		
G4-EN22	Total water discharge by quality and destination	<a href="#">Environmental Program&gt;Landfill Diversion</a>
G4-EN23	Total weigh of waste by type and disposal method	<a href="#">Environmental Program&gt;Landfill Diversion</a>
G4-EN24	Total number and volume of significant spills	<a href="#">Environmental Program&gt;Landfill Diversion</a>
Environmental - Compliance		
G4-EN29	Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with environmental laws and regulations	<a href="#">Governance and Management&gt;Ethics and Regulatory Compliance</a>
Environmental - Supplier Environmental Assessment		
G4-EN32	Percentage of new suppliers screened using environmental criteria	<a href="#">About this Report</a>
Environmental - Environmental Grievance Mechanism		
G4-EN34	Number of grievances about environmental impacts filed, addressed, and resolved through formal grievance mechanism	<a href="#">Governance and Management&gt;Ethics and Regulatory Compliance</a>
Social - Employment		
G4-LA1	Total number and rates of new employee hires and employee turnover by age group, gender, and region	<a href="#">Employees and Culture&gt;Hiring and Retaining Staff</a>
G4-LA2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	<a href="#">Employees and Culture&gt;Hiring and Retaining Staff</a>
G4-LA4	Type of injury and rates of injury, occupational diseases, lost days , and absenteeism	<a href="#">Employees and Culture&gt;Health and Safety</a>
Social - Training and Education		
G4-LA9	Average hours of training per year per employee by gender, and by employee category	<a href="#">Employees and Culture&gt;Skills Development</a>

Indicator	Description	Reference
G4-LA10	Programs for skills management and lifelong learning that support the continued employability of employees and assist them in managing career endings	<a href="#">Employees and Culture&gt;Skills Development</a>
Social - Labor Practices Grievance Mechanisms		
G4-LA16	Number of grievances about labor practices filed, addressed, and resolved through formal grievance mechanism	<a href="#">Governance and Management&gt;Ethics and Regulatory Compliance</a>
Social - Non-Discrimination		
G4-HR3	Total number of incidents of discrimination and corrective actions taken	<a href="#">Governance and Management&gt;Ethics and Regulatory Compliance</a>
Social - Local Community		
G4-SO1	Percentage of operations with implemented local community engagement, impact assessments, and development programs	<a href="#">Education and Philanthropy; partial reporting</a>
Social - Anti-Corruption		
G4-SO4	Communication and training on anti-corruption policies and procedures	<a href="#">Governance and Management&gt;Ethics and Regulatory Compliance&gt;Anti-Corruption</a>
G4-SO5	Confirmed incidents of corruption and actions taken	<a href="#">Governance and Management&gt;Ethics and Regulatory Compliance</a>
G4-SO6	Total value of political contributions by country and recipient/beneficiary	<a href="#">Governance and Management&gt;Governance Structure&gt;Public Policy</a>
Social - Anti-Competitive Behavior		
G4-SO7	Total number of legal actions for anti-competitive behavior, anti-trust and monopoly practices and their outcomes	<a href="#">Governance and Management&gt;Ethics and Regulatory Compliance</a>
Social - Compliance		
G4-SO8	Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with laws and regulations	<a href="#">Governance and Management&gt;Ethics and Regulatory Compliance</a>
Social - Supplier Assessment for Impacts on Society		
G4-SO9	Percentage of new suppliers screened using criteria for impacts on society	<a href="#">Governance and Management&gt;Supply Chain</a>
Social - Grievance Mechanisms for Impacts on Society		
G4-SO11	Number of grievances about impacts on society filed, addressed, and resolved through formal grievance mechanisms	<a href="#">Governance and Management&gt;Ethics and Regulatory Compliance</a>
Social - Customer Privacy		
G4-PR8	Total number of substantiated complaints regarding breaches of customer privacy and losses of customer data	<a href="#">Governance and Management&gt;Ethics and Regulatory Compliance</a>
Social - Compliance		
G4-PR9	Monetary value of significant fines for non-compliance with laws and regulations concerning the provision and use of products and services	<a href="#">Governance and Management&gt;Ethics and Regulatory Compliance</a>

Indicator	Description	Reference
Philanthropy and Community Engagement		
PH 1	Areas of focus for philanthropy activities	<a href="#">Education and Philanthropy</a>
PH2	Monetary value of charitable contributions	<a href="#">Education and Philanthropy&gt;Philanthropy</a>
PH3	Employee engagement in philanthropic activities	<a href="#">Education and Philanthropy&gt;Community Engagement</a>
PH4	Board memberships by employees	<a href="#">Education and Philanthropy&gt;Community Engagement</a>
PH5	Process for engaging philanthropy in communities	<a href="#">Education and Philanthropy&gt;Donation Process</a>

## Ethics, compliance and continuity of business

SAS is committed to high ethical standards in its dealings with colleagues, customers, suppliers and competitors. Robust regulatory compliance practices ensure that SAS conducts business in an honest, respectful, fair and safe manner. Guided by the company's Code of Ethics, SAS' compliance practices have earned the company its exceptional reputation as an ethical and responsible employer and business partner.

SAS is also committed to building long-term relationships with both direct and indirect suppliers. There are a wide range of best practices to ensure the supply chain remains strong and the company is identifying the best fit for all procurement needs. Continuity of business is paramount as well, with a focus on corporate governance, information security and corporate social responsibility.



## GOVERNANCE & MANAGEMENT

### Governance Structure

SAS is the leader in business analytics software and services, and the largest independent vendor in the business intelligence market. SAS is committed to employing high ethical standards in its dealings with colleagues, customers, suppliers and competitors. Maintaining the great workplace at SAS requires an ethical commitment and accountability across all departments, positions and countries.

### Company Profile

SAS Institute Inc. is a North Carolina corporation that has been privately held since its inception in 1976. Headquartered in Cary, NC, the company operates through functional divisions that include Worldwide Marketing, Sales, Research and Development, Finance, Legal and Corporate Services. SAS delivers software and related services to customers throughout the world. Sales activities are conducted primarily through SAS Institute Inc. and its controlled sales subsidiaries in nearly 150 countries. The sales subsidiary entities are grouped into three regional sales divisions: the Americas; Europe, Middle East and Africa (EMEA); and Asia Pacific.

SAS' global corporate organization, including our parent company, SAS Institute Inc., and a group of operating subsidiaries, provides software and services to customers in various geographic regions around the world. The Americas, EMEA, and Asia Pacific regions comprise approximately 50 standalone operating subsidiaries. Additional subsidiaries in the EMEA and Asia Pacific regions are dedicated to research and development activities. Together with several representative and branch offices of these subsidiaries, SAS maintains a corporate presence in approximately 60 international jurisdictions.

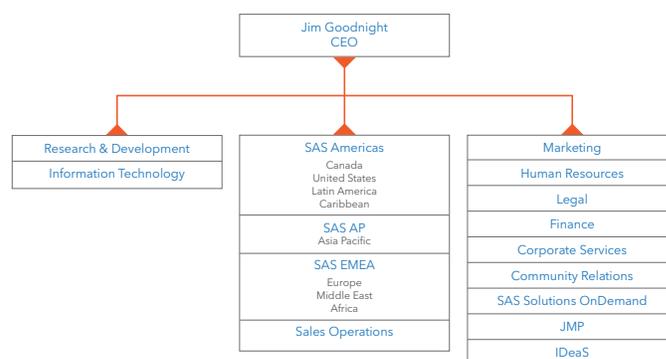
**2015 Data:** With approximately US\$3.16 billion in worldwide revenue in 2015, SAS remains an industry leader in advanced analytics and one of the largest independent vendors in the business intelligence market.

[Learn more about SAS® software products.](#)

### Industries served:

Automotive	Health Care	Media
Banking	Health Insurance	Oil and Gas
Capital Markets	High-Tech Manufacturing	P-12 Education
Casinos	Higher Education	Retail Analytics
Communications	Hotels	Small and Midsize Business
Consumer Goods	Insurance	Sports
Defense and Security	Life Sciences	Travel and Transportation
Government	Manufacturing	Utilities

CEO Jim Goodnight and co-founder and Executive Vice President John Sall constitute the board of directors of SAS Institute Inc. They also serve as executive officers, overseeing corporate performance and investment decisions across environmental, social and economic interests. Goodnight and Sall are the company's principal shareholders.



Employee rights, including employment-based compliance issues, are managed through SAS' Human Resources Division. The Ethics and Compliance group in the SAS Legal Division manages other compliance responsibilities, including anti-corruption, privacy, trade, lobbying, gifts and anti-aggression laws. Environmental conservation is managed through the Facilities group in the Corporate Services Division.

## Corporate Social Responsibility Governance

SAS maintains a Corporate Social Responsibility (CSR) Task Force comprising employees across business functions, including internal communications, legal, facilities, marketing and external communications. This group meets bimonthly to advance annual goals and priorities, and to address topics related to sustainability throughout the year. The group's function is to ensure the integration of sustainability efforts across the business. This team works closely with various departments and communicates with SAS executive leadership to ensure that CSR policies and initiatives are considered in all aspects of the business.

## Public Policy

SAS also actively engages in public policy discussions, particularly related to the role of technologies in solving larger societal issues that challenge local, state, federal and international agencies. These challenges include delivering better and safer health care while minimizing fraud, waste and abuse; mitigating environmental impacts while consuming scarce resources more efficiently; providing better stewardship of taxpayer resources with greater government accountability; and helping governments make better use of their data assets to fulfill their missions, such as helping detect terrorist financing and money laundering schemes. SAS actively engages in public policy discussions to help protect the valuable intellectual property resources that are the underpinning of its business.

SAS abides by political contribution laws and prohibits the use of corporate funds for political contributions to individual candidates. Corporate contributions may be made to political parties or national or state political party organizations if approved through established procedures. SAS records and reports all corporate political contributions in accordance with applicable local laws.

SAS complies with applicable lobbying laws in its operations. Lobbyist registrations and disclosure reports are filed by SAS on a regular and timely basis.



## GOVERNANCE & MANAGEMENT

# Ethics and Regulatory Compliance

Robust regulatory compliance and training practices ensure that SAS conducts business in an honest, respectful, fair and safe manner. Guided by the Code of Ethics, SAS' compliance practices have earned the company its valued reputation as an ethical and responsible employer and business partner. SAS is committed to maintaining this reputation and conducting all aspects of the business in a way that promotes and reflects ethical practices. SAS compliance programs use training, policies, processes and audits to ensure compliance in areas such as anti-corruption, international trade and privacy.

SAS is committed to demonstrating honesty, fairness and accountability in every decision and action, including each interaction with employees, customers, suppliers and competitors. The SAS Code of Ethics helps the company define and maintain high standards for respect, honesty, fairness and accountability. This SAS Code of Ethics applies to every employee - at every subsidiary and in every region - as well as all members of the board of directors, officers appointed by the board of directors and agents. Failure to comply with the SAS Code of Ethics or other applicable policies can result in disciplinary action, up to and including termination.

The internal version of SAS' Code of Ethics, which includes links to SAS policies and procedures, serves as a central reference for employees to respond to situations in an ethical manner consistent with SAS standards. The external version of the Code of Ethics is available as part of this report and demonstrates to customers, suppliers and other stakeholders SAS' commitment to being a great place to work, a great business partner, and a valued community member.

**2015 Data:** In 2015, SAS did not have any substantiated, materially negative incidents with regard to public policy, privacy, corruption, ethics, bribery, anti-competitive actions, anti-trust violations or monopoly practices, societal impacts, the environment, labor practices, or employee discrimination or harassment; nor were there any sanctions or fines for noncompliance.

## Training

The Ethics and Compliance group at SAS has developed courses to help employees abide by the SAS [Code of Ethics](#) and applicable external rules and regulations. SAS provides this training to equip all employees to make the right choices when ethical and regulatory challenges arise.

Online training was developed under the management and oversight of the vice president and general counsel for ethics and compliance, with input from many departments across SAS, and with ultimate approval by the chief legal officer. All training courses developed since 2012 are available in English, simplified Chinese, French, German, Italian, Japanese, Portuguese and Spanish.

How SAS monitors completion and renewal of training varies, depending on relevant policies, strategies, trainings and codes. Online training completions are tracked by the third-party vendor that helped to create them, as well as by the company's internal learning management system. Automated reminders are sent to those who have not completed training as the deadline approaches, and managers are contacted as trainings become overdue. Employees and certain contract workers are required to take some or all of the following training:

- Code of Ethics.
- Information Security.
- Export Controls Awareness.
- SAS Business Ethics in Selling, Buying and Competing.
- Respect in the Workplace.
- Foreign Corrupt Practices Act.
- Privacy and Data Protection for Global Companies.

In addition, all employees and certain contract workers are required to take periodic refresher ethics training.

SAS provides specialized training for personnel as needed. For example, California employees take Sexual Harassment: Promoting Appropriate Behavior, as required by California law.

In-person, targeted compliance training is conducted periodically. These courses are developed by the Ethics and Compliance group in the Legal Division with input from the relevant functional business units. For example, in 2015, SAS conducted anti-corruption training for government sales and marketing groups, privacy training for IT staff, and HIPAA training for employees interacting with data in the company's health care center or associated with its health care industry solutions.

## Employee Feedback

Employees are responsible for appropriately communicating concerns regarding suspected unethical or illegal conduct to a supervisor, Human Resources or the Legal Division. Specific procedures for reporting concerns are displayed on the Legal Division's internal website. Employees may submit comments via email, telephone help line, or an anonymous report or online form.

SAS does not retaliate against anyone who reports suspected violations in good faith. All reports of misconduct are investigated in a timely fashion. Unless the complaining individual chooses to remain anonymous, he or she receives feedback on the results of the investigation, to the extent allowed by applicable law.

## Anti-Corruption

SAS has an anti-corruption program to provide training and monitoring across the company. This program includes an online anticorruption course for all new employees and certain third parties, and in-person, targeted training for sales, marketing, finance and other affected groups. In addition, SAS has implemented gift, marketing event, "revolving door," and donation policies - as well as review procedures - to comply with applicable laws and customer requirements. These documents are available to all employees on the Ethics and Compliance internal website.

SAS conducts advance and ongoing due diligence on subcontractors, partners and other third parties to verify their reputability and identify and mitigate anti-corruption risks. SAS also contractually requires that its subcontractors comply with the principles set forth in its Code of Ethics, including anti-bribery provisions. SAS also conducts audits and transaction-specific due diligence measures to support compliance in high-risk transactions.

## Export Controls

SAS maintains an export management system complete with product licensing and screening processes that include checking employees, customers and suppliers against the Office of Foreign Asset Control (OFAC) Specially Designated Nationals and Blocked

Persons list and certain other government lists of prohibited parties. SAS also files regular and timely anti-boycott reports as required by US law.

SAS classifies its products according to US export laws and makes such classifications available to its customers at the [SAS Current Export Designation Information](#) page.

## Privacy

The Ethics and Compliance group in the SAS Legal Division works to ensure that SAS' use of personal data complies with applicable laws, SAS policies and customer expectations. SAS Global Information Security establishes processes and deploys technologies to protect the confidentiality, availability and integrity of data in the custody or control of SAS.

These groups work closely together to manage data privacy issues and security by, among other things, establishing information governance policies, standards, guidelines and processes based on regulations, business needs and industry best practices. Periodic privacy and security-related assessments and compliance reviews include privacy impact assessments for newly developed or modified applications that may affect individual privacy interests.

The Ethics and Compliance group ensures that SAS' externally posted privacy statement accurately reflects its information collection and use practices with respect to external parties. SAS' privacy statement is global, covering SAS US and its foreign subsidiaries and other business units. Translated versions of the privacy statement with country-specific requirements are linked to the English version.

SAS requires all its employees to complete training on privacy and information security. SAS Global Information Security publishes a monthly information security awareness newsletter to inform employees about information security and privacy issues.



## GOVERNANCE & MANAGEMENT

# Supply Chain

SAS builds long-term relationships with both direct and indirect suppliers. There are a wide range of best practices, tools and policies to ensure the supply chain remains strong and the company is identifying the best fit for all procurement needs. Direct suppliers provide products or services used in creating the services SAS sells. This can include software, hardware, consultants or IT infrastructure. Indirect suppliers in areas such as food services, legal and accounting, real estate, facilities services, or travel provide support for running the business. SAS also supports local businesses.

SAS uses mechanisms such as service level agreements, benchmarking and supplier relationship management to monitor and manage suppliers' results. Suppliers are subject to ongoing anticorruption due diligence, which, proportionate to the level of the supplier's business and risks presented, screens prospective suppliers and relevant or high-risk individuals within those organizations.

The company also has an advance due diligence process for suppliers engaged to assist in sales efforts and potential acquisitions. The process involves investigation of the supplier in levels that are proportionate to the risks presented by the supplier, including investigating the supplier's background, qualifications, conflicts of interest, financial condition and history of regulatory violations.

SAS has confirmed via supply chain due diligence that no conflict minerals are necessary to the functionality or production of any product manufactured by or contracted for manufacture by SAS.

The supply chain compliance program also consists of contractual requirements for anti-corruption and ethics rules compliance for all contractors and consultants. SAS also conducts in-person and online training, expense record and expenditure reviews, and audits, as well as global outreach through organizations like the UN Global Compact. SAS voluntarily provides supply chain information for the Carbon Disclosure Project (CDP) and Great Places to Work.

SAS uses competitive bidding to help ensure competition and fairness in the marketplace for suppliers. SAS' request for proposal template emphasizes the importance of corporate social responsibility, including environmental stewardship and promotion of supplier diversity. Additionally, if the bidder is not a diverse company, it must provide a statement regarding its active supplier diversity programs or opportunities it has to subcontract to diverse suppliers.

## Supplier Diversity

As part of the Corporate Services Division, the manager of supplier diversity is responsible for SAS' supplier diversity process, including:

- Reviewing RFPs and contracts and responding to customers with diversity requirements.
- Preparing and providing diversity spending reports to customers.
- Providing information and access to SAS' procurement opportunities by supporting and conducting various diversity activities and events (e.g., sponsorships, education and attendance).
- Providing internal training to buyers and stakeholders regarding the importance and value of providing access to and utilization of diverse suppliers and small businesses.

By developing and maintaining effective relationships with suppliers, the company aims to create value throughout the life of each contract based upon economy, quality, environmental preservation and social values. SAS is a member of the National Minority Supplier Development Council and the Women's Business Center of North Carolina. SAS is also represented on the boards of various minority supplier development councils and economic development initiatives. Two examples of the representation are the NC Governor's Working Group for Veterans, Service Members and Their Families; and the NC Governor's Advisory Council for Small and Historically Underutilized Businesses.

SAS' supplier diversity program has earned several accolades and service awards, including:

- Triangle Business Journal 2014 Leaders in Diversity Award.
- Small Business Administration 2012 North Carolina Veterans Business Champion of the Year.
- Small Business Administration 2011 Minority Small Business Champion of the Year for both North Carolina and SBA's Southeast Region IV.

## Supplier Diversity Policy Statement

SAS customers represent a wide range of industries, people and locations - and the company seeks this same level of diversity in its supplier community. Unlike a typical manufacturing environment, the creation of SAS products does not require purchasing materials or component parts, but rather relies on a highly skilled staff of technical professionals. SAS complies with federal laws and regulations that prohibit discrimination in employment based on race, color, religion, gender, national origin, age, disability or veteran status.

As a federal contractor, SAS complies with Executive Order 11246, as amended, and the implementing rules and regulations of the Office of Federal Contract Compliance, [Vietnam Era Veterans' Readjustment Assistance Act of 1974](#), and the Rehabilitation Act of 1973.

In the area of professional services offered to its customers, SAS provides small business concerns owned and controlled by socially and economically disadvantaged individuals and woman-owned small businesses the opportunity to participate in the subcontracts it awards to the maximum practicable extent, consistent with efficient performance of the contract.

Regarding the procurement of goods and services to support corporate operations, SAS continually seeks ways to make business opportunities available to small businesses and businesses that are:

- Minority-owned.
- Woman-owned.
- Disabled-owned.
- HUBZone-certified.
- Veteran- or service-disabled veteran-owned.

SAS encourages diverse businesses interested in more information about potential working opportunities and relationships to email [supplierdiversity@sas.com](mailto:supplierdiversity@sas.com).

## Suppliers and the Environment

The environmental impact of business activities extends beyond the SAS campus and workspaces to the entire supply chain, from suppliers to distribution channels to product use. The Environmental Management Program researches ways to incorporate corporate social responsibility into procurement and reduce the environmental impact of supply chain processes. To accomplish this, SAS:

- Strongly encourages employees to give consideration and preference to suppliers with environmental practices and programs.
- Promotes the adoption of environmental principles by contractors and suppliers, encouraging or requiring improvements.
- Completes the annual CDP supply chain questionnaire.
- Makes extensive use of green products, such as environmentally friendly cleaning supplies and low-emissions paints and products for campus buildings. The procurement teams routinely assist with finding the most efficient and earth-friendly options.
- Maximizes investments by eliminating unnecessary purchases, extending the life of assets through repurposing and reselling outdated equipment to employees as well as donating materials to educational institutions. Only then are materials processed for responsible recycling.

As a software company, SAS has limited risks and concerns in regard to raw materials, hazardous wastes and supplier practices. Because the primary input to SAS products is intellectual property, SAS does not currently collect data on GHG emissions and climate change strategy from suppliers.

**2015 Data:** In 2015, SAS continued to research options for incorporating corporate social responsibility elements into procurement processes and reducing environmental impact of supply chain processes. As in years past, SAS completed its annual CDP supply chain questionnaire related to greenhouse gas emissions inventory and related climate change management. SAS achieved a CDP disclosure score of 91 and a C performance rating, a 3 percent disclosure score improvement from last year. The average score/rating of more than 4,000 supplier responses was 60/D.



## GOVERNANCE & MANAGEMENT

# Continuity of Business

At SAS, continuity of business (COB) is paramount, addressing threats or hazards that may affect employees and customers and disrupt business operations. COB planning incorporates corporate governance, information security and corporate social responsibility.

SAS is a business partner that customers can entrust with the viability of their operations because of the company's ability to continue vital customer-facing services and core operations.

SAS' COB initiative involves response and recovery teams from across the organization. These teams work together proactively to develop resilience and mitigation strategies and – in the event of a business disruption – coordinate to return the business to normal operations.

SAS' global business continuity program goals are to:

- Prepare employees to know what to do in a crisis.
- Provide timely communications between local offices and SAS world headquarters.
- Put plans in place to recover SAS' most critical business operations that support customers. This includes annual qualification of key partner and supplier dependencies to support strategies for continued operations.
- Develop backup strategies, such as providing support to customers from another office until the affected office can resume normal operations.
- Avoid and minimize business interruptions through greater awareness and risk management.

Through business continuity planning, SAS exercises operational controls to improve organizational resilience. This supports the company's commitment to meet the expectations of its customers in an increasingly risk-conscious regulatory environment.

More information on SAS' COB program can be found in the [Continuity of Business white paper](#) (PDF).



## ENVIRONMENTAL PROGRAM

## Protecting the environment for a brighter future

SAS reduces its environmental footprint with multiyear programs focused on energy conservation and solar projects, emission management, pollution mitigation, water conservation, waste reduction and recycling, procurement and green building. View environmental performance [reports](#) using SAS® Visual Analytics to see how SAS uses its own software to collect, manage, calculate and report its global environmental footprint. Top 2015 achievements:

- Generated 3.7 million kWh of clean, renewably sourced energy from rooftop and ground-mounted solar systems.
- Energy use intensity (EUI) for office buildings decreased 5.4 percent to 16.5 kWh per square foot.
- Improved CDP score to 91 with a C performance rating.
- Diverted 50 percent of operational waste and 80 percent of construction waste from landfills globally.
- Achieved LEED® certifications for three existing office buildings.
- Upgraded standard for office copy paper from 30 percent recycled content to 50 percent with Forest Stewardship Council certification.
- Reduced paper use per employee from 1,483 sheets to 1,254 - a 16 percent decrease for specific calendar year and a more than 50 percent reduction since 2009.
- Launched global interactive environmental awareness website for SAS employees.



## ENVIRONMENTAL PROGRAM

# Environmental Governance

SAS' sustainability performance is reviewed by executive leadership to provide guidance on conducting global operations in a sustainable manner.

Implementing environmental strategies is largely the domain of the SAS Corporate Services Division Environmental Management Program. The program facilitates environmental efforts at company headquarters in the US, collects and reports key environmental indicators for global operations, and provides guidance and support to offices worldwide. Offices around the globe have personnel who manage site-specific environmental initiatives.

Members of the Environmental Management Program are part of the CSR Task Force that meets regularly to address environmental and social responsibility initiatives throughout SAS' business operations.

## Environmental Policy

SAS is an active and committed partner in communities where employees live, work and conduct business. SAS recognizes that environmental responsibility is a continuous effort that requires prudent use and preservation of natural resources. The company encourages business operations around the world to minimize environmental impacts by exceeding all environmental regulations. To accomplish this, all employees are asked to adhere to the company's environmental mandates, integrate environmentally responsible practices, and seek innovative solutions to optimize operational efficiencies.

## Environmental Mandates

The following corporate mandates provide guidance for adhering to policy and establishing priorities for environmental initiatives.

- Corporate priority. Establish policies, programs and practices for conducting operations in an environmentally sound manner.
- Integrated management. Integrate environmental policies, programs and practices into all functions, business units and global offices.
- Continual improvement. Continue to raise the bar on performance, aligning with technological developments, scientific understanding and stakeholder expectations.
- Employee education. Educate, train and motivate employees to conduct activities in an environmentally responsible manner.
- Assessment. Conduct impact assessments before starting a new activity or project and before decommissioning a facility or leaving a site.
- Products and services. Provide products or services that have no undue environmental impact throughout the product life cycle – from development to delivery, use and disposal.
- Customer support. Advise and educate customers, distributors and the public in the safe and environmentally responsible use, transportation, storage and disposal of SAS® products.
- Facilities and operations. Develop, design and operate facilities and conduct activities with continual consideration for minimizing resource consumption, adverse environmental impact and waste.
- Research. Conduct or support research on the environmental impacts of SAS activities and how to minimize adverse impacts.
- Contractors and suppliers. Promote these principles to SAS contractors and suppliers, encouraging and (where appropriate) requiring improvements.

## Precautionary Approach

SAS supports a precautionary approach to minimizing anthropogenic impacts from business operations. This aligns with SAS' philosophy in five meaningful ways:

1. To ensure business operations do not expose the public and environment to harm.
2. To comply with environmental regulations.
3. To encourage the development and diffusion of environmentally friendly technologies.
4. To promote environmental awareness via increased transparency and access to meaningful data so analytics can be used to make intelligent and responsible decisions.
5. To show that environmental responsibility is not just about goodwill; it makes good business sense.

## ISO Compliance

The Environmental Management Program applies best practice ISO 14001 Environmental Management System (EMS) processes and structure to include:

- Using SAS software solutions and other tools to measure and improve environmental performance.
- Ensuring environmental affairs are addressed by executive management.
- Addressing immediate and long-term impacts of products, services and processes on the environment.
- Providing global direction about addressing environmental concerns through the allocation of resources, assignment of responsibility, and ongoing evaluation of practices, procedures and processes.
- Enabling continual improvement of environmental processes.

Naturally, SAS uses its own technology to measure and analyze the performance of its sustainability initiatives. SAS software calculates the company's global carbon footprint and the impacts of business processes and mitigation initiatives. SAS solutions support the application of global standards such as the Greenhouse Gas Protocol and the Global Reporting Initiative. Adherence to global standards provides for measurement and reporting in the countries in which SAS operates.



## ENVIRONMENTAL PROGRAM

# Energy and Emissions

SAS' Environmental Management Program assigns top priority to minimizing energy consumption and related emissions from its operations. The energy and emissions management program includes energy sourcing, conservation and generation, policy compliance, and employee education and engagement.

SAS® software improves processes for collecting, understanding and managing energy and emissions requirements for facilities worldwide, increasing the ability to report and proactively influence consumption trends. The program uses SAS software to identify reduction strategies, develop and monitor performance indicators, understand relationships between measures, determine initiatives with the greatest effect, and communicate strategy, goals and objectives to facilitate execution.

Key energy and emissions mitigation initiatives include calculating and reporting global carbon footprint, building and maintaining facilities to LEED® guidelines, investing in renewable energy, pursuing new, energy-efficient technologies for operating buildings and data centers, and proactively maintaining facilities to the highest efficiency standards.

SAS is also partnering with Envision America/Envision Charlotte to help American cities launch smart-city initiatives by harnessing the explosion of data sourced from connected devices, social media and the Internet of Things (IoT) to fuel efficiencies, innovation and improve stewardship of natural resources.

## Emissions Management and Emissions Mitigation

SAS decreased energy consumption by 3.4 percent for the past three years, despite staff growth of 10 percent, facilities growth of 9 percent, and rapidly expanding data center operations to satisfy growing customer demand for computing and storage solutions.

In 2015, 77 percent of SAS energy consumption was sourced from electricity suppliers and on-site solar generation. Approximately 28 percent was used for building heating, ventilation and cooling.

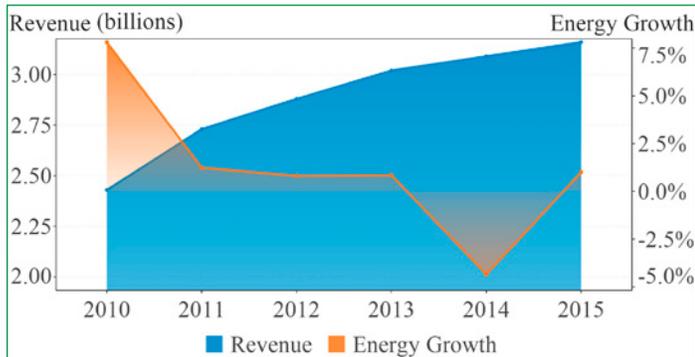
### 2015 Data:

- SAS' environmental footprint was mitigated by ongoing investment in energy-efficient technologies, solar, retro-commissioning of primary office buildings, and adoption of LEED best practices. Gains in energy efficiencies for office buildings globally limited energy growth to 1 percent or 4,260 gigajoules.
- Emissions remained flat and only increased 985 t CO<sub>2</sub>e.
- SAS achieved LEED certifications for three office buildings at its Cary, NC, headquarters and now has nine LEED certified buildings globally.
- Use of renewable energy remains a priority for SAS as an integral part of a strategy to reduce emissions. In 2015, SAS renewable energy generation totaled more than 3.7 million kWh. SAS also sent a letter to the North Carolina General Assembly advocating the economic and environmental benefits of maintaining the state's Renewable Energy and Energy Efficiency Portfolio Standard (REPS).
- SAS continued support for plug-in electric vehicles by providing charging stations with free electricity and premium parking for employees and visitors. Through 2015, employees at the world headquarters campus own approximately 3 percent of registered plug-in electric vehicles in the state of North Carolina. SAS is a member of the US Department of Energy (DOE) Workplace Charging Challenge and was awarded the DOE Leading the Charge recognition for a second time.

## Energy Efficiency

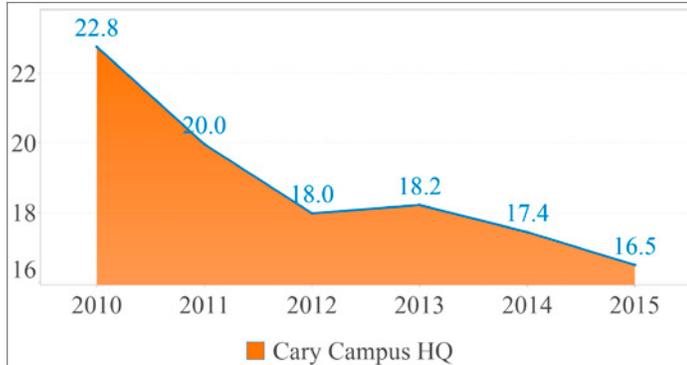
SAS analyzes operational data to optimize development and delivery of its products and services to customers. The efficiency chart below highlights a sustainable trend of decreasing energy growth against increasing revenues.

In 2015, SAS' revenue increased, while overall energy use remained flat, making services more energy-efficient for customers.



### Revenue vs. Energy Growth

Energy use intensity for office buildings decreased 5.4 percent to 16.5 kWh per square foot. Since 2010, the aggregate intensity has decreased 27.6 percent.



### Office Building Energy Use Intensity

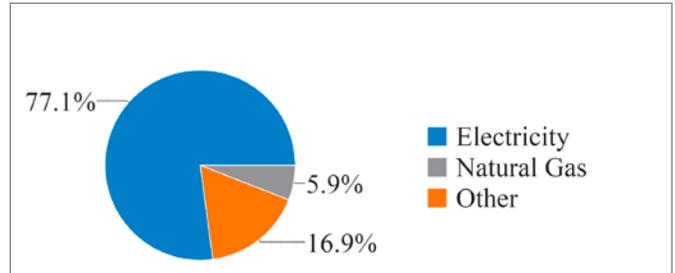
[View dynamic SAS Visual Analytics reports on SAS energy](#) or see static charts and tables below.

Regions	2015	2014	2013
Asia Pacific	30,180	30,029	31,506
Canada	9,476	9,956	8,991
EMEA	97,163	97,864	106,390
Latin America	4,188	4,196	4,417
United States	218,715	219,979	231,194
US Data Center	130,914	124,352	125,267
Total	490,636	486,376	507,764

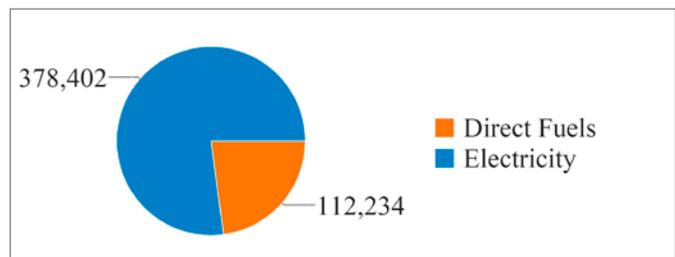
### Energy Trend (Gigajoules)

Regions	2015	2014	Variance	Variance %
Asia Pacific	30,180	30,029	151	0.5%
Canada	9,476	9,956	-480	-4.8%
EMEA	97,163	97,864	-701	-0.7%
Latin America	4,188	4,196	-8	-0.2%
United States	218,715	219,979	-1,264	-0.6%
US Data Center	130,914	124,352	6,562	5.3%
Total	490,636	486,376	4,260	0.9%

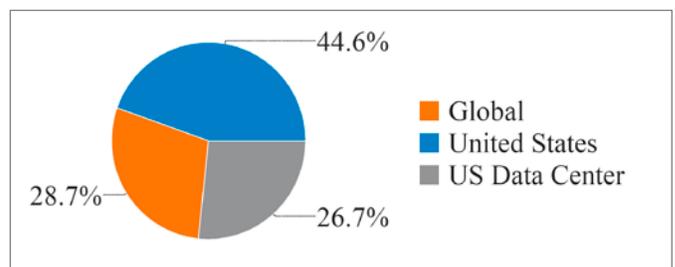
### Energy Variance (Gigajoules)



### 2015 Energy by Type



### 2015 Energy by Source (Gigajoules)



### 2015 Energy by Region (Gigajoules)

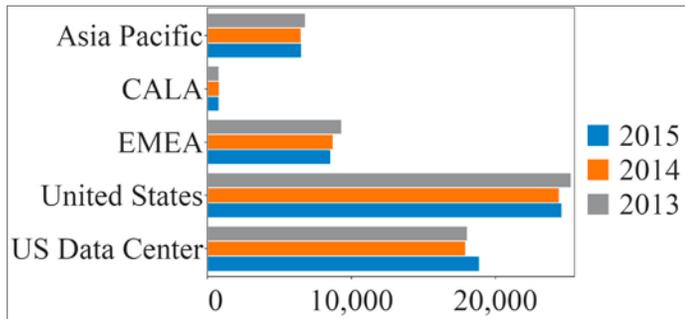
[View dynamic SAS Visual Analytics reports on SAS emissions](#) or find static charts and tables below.

### CDP

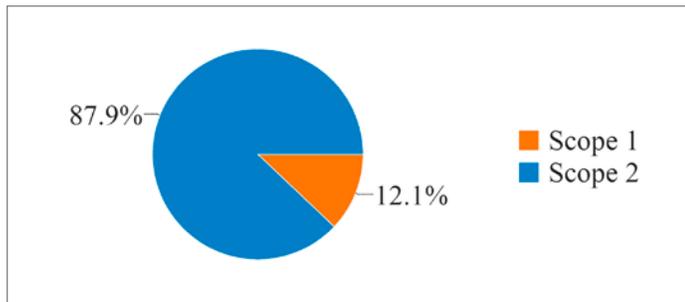
SAS annually completes the CDP Supply Chain questionnaire related to greenhouse gas emissions inventory and related climate change management. This past year, SAS achieved a disclosure score of 91 and C performance rating, a 3 percent disclosure score improvement from last year. The average disclosure score for more than 4,000 supplier responses was 60 and a D performance rating.

Regions	2015	2014	Variance	Variance %
Asia Pacific	6,537	6,498	39	0.6%
Canada	500	526	-26	-4.9%
EMEA	8,561	8,729	-167	-1.9%
Latin America	331	332	-1	-0.4%
United States	24,616	24,420	196	0.8%
US Data Center	18,868	17,922	946	5.3%
Total	59,413	58,427	985	1.7%

Global Emissions Variance (t CO2e)



Global Emissions (t CO2e)



2015 Emissions by Scope

SAS conducts ongoing greenhouse gas emissions inventory of its Scope 1 and Scope 2 emissions.

## Data Center Operations

Energy for data center operations is the largest contributor to SAS' environmental footprint. Over the past decade, the challenge of delivering timely information to support enterprise analytics has increased exponentially. Additional computing and storage solutions, combined with IT globalization, has increased demand for energy and data center space. To maintain the support expected by customers, SAS invested in high-efficiency technologies and design to construct a new, dedicated computing facility, emphasizing efficiency, flexibility and sustainability.

SAS data center operations regularly achieve an average power usage effectiveness (PUE) of 1.35 or better. A PUE of 2.0 means that for every watt of IT power consumed, an additional watt is consumed to cool and distribute power. Thus a PUE closer to 1.0 indicates greater efficiency.

**2015 Data:** SAS data centers added 35 percent more servers in 2015, but only increased energy consumption by 5 percent.

## Solar and Renewable Energy

Since 2008, when SAS broke the solar energy 1 megawatt barrier for the Southeast US, the capacity of solar installations in North Carolina has grown to 1,134 MW - ranking No. 2 nationally. SAS proved solar was viable, and the community responded.

**2015 Data:** SAS' nine solar installations generated 13,403 gigajoules of clean renewable energy. Since 2008, SAS has generated more than 85,000 gigajoules of solar energy - approximately 94 percent was sold to North Carolina utilities in support of NC's Renewable Energy Portfolio Standard.

At a combined 2.2 MW in capacity, SAS' solar farms are located on 12 acres at world headquarters in Cary, NC. The photovoltaic (PV) solar arrays generate 3.6 million kilowatt-hours of clean, renewable energy each year, reducing carbon dioxide emissions by more than 2,000 tons annually – the amount of emissions produced by consuming more than 367,000 gallons of gasoline.

- Solar Farm I (December 2008): 1 MW in capacity, 5 acres, and 5,040 panels; generates 1.7 million kWh of clean renewable energy each year.
- Solar Farm II (July 2010): 1.2 MW in capacity, 7 acres, and 5,236 panels; generates 1.9 million kWh of clean renewable energy each year.
- Building C: 405 roof-mounted panels, 74 KW-capacity solar PV system; generates 100,000 kWh of electricity annually.
- Building R: 702 roof-mounted panels, 169 KW-capacity solar PV system; generates 200,000 kWh of electricity annually.
- Building Q: 176 roof-mounted panels, 45 KW-capacity solar PV system; generates 60,000 kWh of electricity annually.

- SAS Sweden: 80 roof-mounted panels, 20 KW-capacity solar PV system generates 25,000 kWh of electricity annually.
- Building T: 24 roof-mounted 4-by-10-foot solar thermal panels provide hot water for on-site cafeteria.
- Building G: 42 roof-mounted 4-by-10-foot solar thermal panels provide hot water for showers and laundry for the campus gymnasium.
- Building C: Eight roof-mounted 5-by-6-foot evacuated-tube type solar thermal panels produce hot water for on-site cafeteria. The system works in concert with a building HVAC chilled water system and uses additional heat extracted from water-to-water heat pumps.

Solar Arrays	2015	2014	2013	2012
Rooftop PV	51,611	34,934	23,002	11,542
Rooftop Thermal	27,278	79,641	13,236	7,979
Solar Farms	832,198	635,540	553,899	412,351
Total	911,087	750,115	590,136	431,871

**Solar Energy Trend (Gigajoules)**

Solar Arrays	2014	2015	Variance	Variance %
Rooftop PV	34,934	51,611	16,677	48%
Rooftop Thermal	79,641	27,278	-52,363	-66%
Solar Farms	635,540	832,198	196,657	31%
Total	750,115	911,087	160,972	21%

**Solar Energy Variance (Gigajoules)**

All reports are based on actual resource data collected from owned and leased offices, and intensity metrics applied to approximately 21 percent of leased office space that does not have access to actual data. SAS applies The Greenhouse Gas (GHG) Protocol recommended standards and IPCC Fifth Assessment Report (AR5) factors to report emissions inventories under our operational control.



## ENVIRONMENTAL PROGRAM

## Landfill Diversion

The SAS Waste Management Program at world headquarters measures and monitors the waste stream, with significant environmental benefits resulting from efforts at individual and local levels. For example:

- SAS provides on-site recycling for aluminum, batteries, cardboard, electronics, magazines, glass, newspaper, pallets, paper, plastic bottles, printer cartridges, scrap metal and more.
- SAS strives for 100 percent e-waste recycling by repurposing equipment for internal use, recycling with responsible vendors, and donating to educational institutions.
- Polystyrene-based disposables have been replaced with compostable options.
- Cafeteria food waste is composted and used by SAS landscapers; waste vegetable oil is recycled and converted into biodiesel fuel.
- Online resources reduce paper consumption globally.
- SAS strongly encourages the use of biodegradable and recyclable materials.
- Building construction projects regularly exceed 80 percent waste diversion from landfills.
- Grassroots programs for employees reduce waste and encourage recycling efforts.
- Since 2009, operational waste diverted from landfills has increased from 26 percent to better than 50 percent.

[View dynamic SAS® Visual Analytics reports on SAS landfill diversion or see static charts and tables below.](#)

**2015 Data:** Globally, SAS disposed of 2,164 metric tons of operational waste in 2015, including paper, food, cardboard, composting, aluminum and plastic, and other nonconstruction waste material.

This amount is 16 percent, or 408 metric tons, less than 2014.

Highlights from 2015 include:

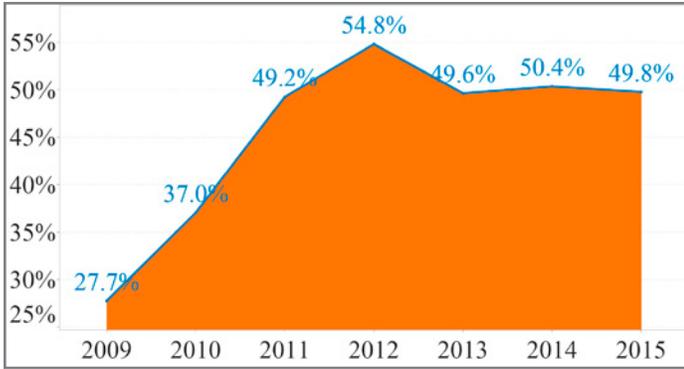
- SAS diverted 50 percent of waste (1,149 metric tons) from landfills through recycling and waste management worldwide.
- Construction projects at world headquarters achieved an astounding 80 percent landfill diversion rate on more than 116 metric tons of waste.
- SAS diverted 100 percent of e-waste from landfills by repurposing equipment for internal use, recycling and donating to educational institutions.
- Since 2008, the employee electronics recycling program (US) has collected more than 90 metric tons of personal electronic hardware for recycling. In 2015, a record 20 metric tons of equipment was collected from environmentally responsible employees.
- SAS expanded the Green2Go program to all full-service headquarters' cafés. The reusable alternative to food-to-go plastic containers has helped more than 500 participating employees eliminate thousands of containers from landfill disposal.

Region	2015	2014	2013	2012
US	1,194.9	1,277.0	1,563.6	1,438.7
LA	49.1	79.7	93.3	96.7
EMEA	582.2	770.8	818.6	911.1
CAN	60.7	46.1	66.1	69.1
AP	277.0	398.1	382.1	441.3
Total	2,163.9	2,571.7	2,923.8	2,956.9

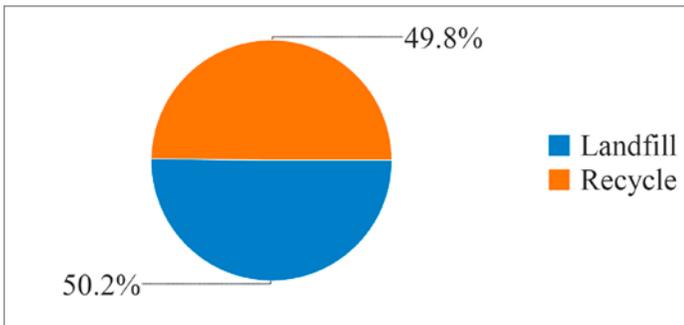
### Operational Waste Disposal by Year (Metric Tons)

Region	2015	2014	Variance	Variance %
US	1,194.9	1,277.0	-82.1	-6.4%
LA	49.1	79.7	-30.6	-38.4%
EMEA	582.2	770.8	-188.7	-24.5%
CAN	60.7	46.1	14.6	31.8%
AP	277.0	398.1	-121.1	-30.4%
Total	2,163.9	2,571.7	-407.8	-15.9%

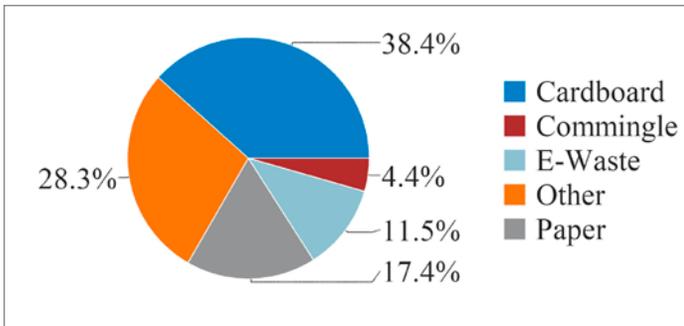
### Operational Waste Variance (Metric Tons)



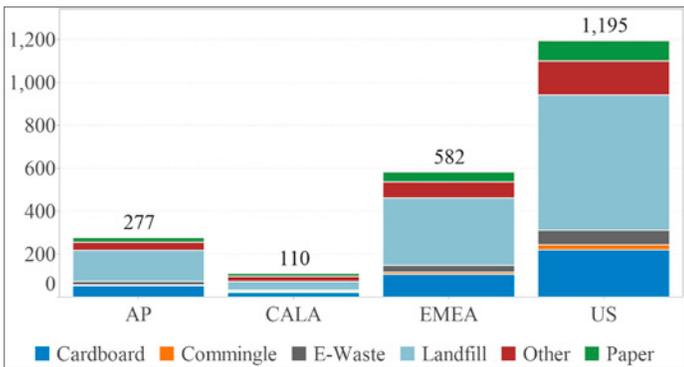
Landfill Diversion Rate Trend



2015 Landfill and Recycling Rate



2015 Recycling by Material Type



2015 Operational Waste (Metric Tons)

## Paper Consumption

Like most businesses, SAS is dependent on paper products to conduct business operations. SAS is making progress in three key ways:

**Reduce.** SAS has significantly reduced print volumes by delivering less physical media to customers. This includes reducing inventories and increasing efficiencies by using a print-on-demand model; convenient access to online documentation; education and awareness campaigns; and personal choices. Since 2009, the average annual pages of paper used by employees has dropped from 2,631 to 1,254 – a 52 percent decrease. Globally, SAS used 145 metric tons of paper for printing in 2015.

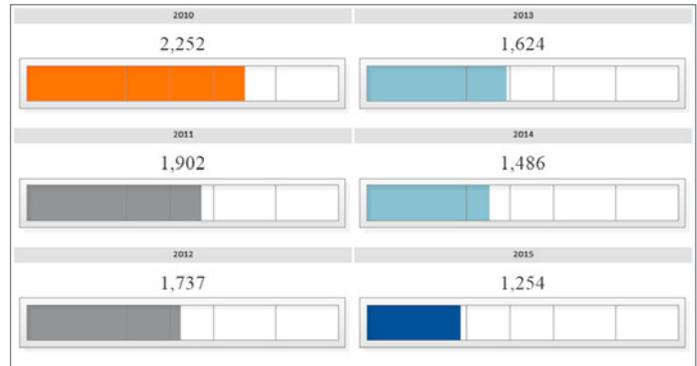
**Reuse.** When SAS does print, employees are encouraged to find creative ways to reuse scrap paper. Ideas include using scrap paper for notes, reprinting, packaging material for shipping and on-site composting.

**Recycle.** SAS recycled 180 metric tons of paper materials in 2015 – 28 percent less than 2014. SAS is not only using less paper, but switched our standard office paper used for copiers and printers from 30 percent to 50 percent post-consumer recycled content.

In 2015, the average recycled content for all paper at SAS headquarters is 34 percent



Paper Use (Metric Tons)



Paper Use Trend (Sheets per Employee)

## Hazardous Materials

As a software company, SAS does not handle raw materials, conflict minerals, hazardous wastes or related supplies typical of traditional manufacturing. While risks are minimal, SAS places the utmost importance in abiding by industry best practices and governing regulations, including:

- Compliance with all Occupational Safety and Health Administration (OSHA) regulations for handling hazardous materials.
- Plans for Spill Prevention, Control, and Countermeasure (SPCC) that meet US Environmental Protection Agency (EPA) regulations.

**2015 Data:** SAS did not have any spills of hazardous materials, oil, fuel, waste or chemicals, and did not have any fines for noncompliance with environmental legislation. SAS is very careful to minimize environmental impact as the company continues to grow. The company strictly adheres to environmental regulations

All reports are based on actual resource data collected from owned and leased offices, and intensity metrics applied to approximately 21 percent of leased office space that does not have access to actual data.



## ENVIRONMENTAL PROGRAM

## Water Conservation

SAS' 900-acre headquarters in Cary, NC, and 13 owned sites globally use water for office and data center cooling, cafés, gymnasiums, landscaping and employee consumption. Water conservation is of paramount importance to SAS, with many facilities operating in communities where water shortfalls and water use restrictions are standard. At SAS headquarters, coupling water saving technologies and practice with increased employee awareness has resulted in significant savings. For example:

- Low-flow and electronically activated plumbing fixtures greatly reduce employee water consumption, saving 63 percent more compared to standard fixtures.
- Rooftop rainwater collection systems capture water for use in bathrooms.
- Cooling towers are replaced with high-efficiency models that use reclaimed water.
- Wastewater options such as reclaimed and gray water lower potable water consumption.
- Reducing and customizing irrigation schedules avoids overwatering plants.
- Collecting rainwater in retention ponds and cisterns minimizes stormwater runoff and provides water for landscape irrigation.
- Native and drought-resistant plants and warm-season grasses require less frequent irrigation.
- Timely repair of leaking pipes and the installation of low-flow toilets, shower heads and faucet aerators save at least 1.4 million gallons each year.

View dynamic SAS® Visual Analytics reports on SAS water conservation or see static charts and tables below.

### 2015 Data:

- SAS water use increased by 7.7 percent in 2015. The 21,390 cubic meter increase was due to increased demands on data center operations, a full year's operation for a new office building at Cary headquarters (8,478 cubic meters) and increased irrigation needs for Cary headquarters (10,918 cubic meters) and regional offices (5,496 cubic meters).

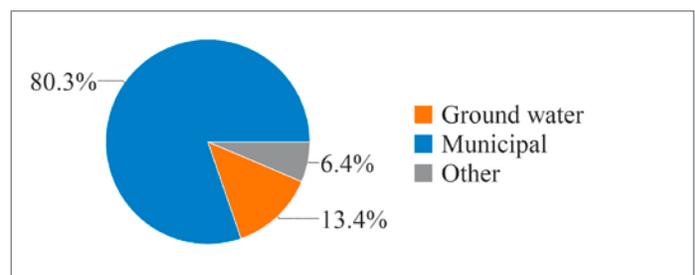
- Despite overall increases, water use per square foot of office space decreased by 0.1 percent.
- Returned 49 percent (83,873 cubic meters) of municipal water for treatment by local utilities.
- SAS installed an [electrolyzed water system](#) in a headquarters café to clean, degrease and sanitize without the use of harmful chemicals. The system greatly reduces the amount of chemical-based cleaning supplies used for café operations.

Region	2015	2014	2013
AP	17,930	19,801	19,934
CAN	5,154	5,481	4,627
EMEA	52,962	54,767	57,654
LA	2,479	2,483	2,706
US	219,761	194,362	200,823
Total	298,286	276,895	285,744

### Water Trend (Cubic Meters)

Region	2015	2014	Variance	Variance %
AP	17,930	19,801	-1,871	-9.4%
CAN	5,154	5,481	-327	-6.0%
EMEA	52,962	54,767	-1,806	-3.3%
LA	2,479	2,483	-5	-0.2%
US	219,761	194,362	25,399	13.1%
Total	298,286	276,895	21,390	7.7%

### Water Variance (Cubic Meters)



### 2015 Water Percentage by Source

All reports are based on actual resource data collected from owned and leased offices, and intensity metrics applied to approximately 21 percent of leased office space that does not have access to actual data.



## ENVIRONMENTAL PROGRAM

# Green Building Practices

SAS strives to be a leader in environmental sustainability. Around the world, SAS is committed to making a difference. To achieve this goal, SAS embraces Leadership in Energy and Environmental Design (LEED®) guidelines for new construction and remodeling and retrofitting existing buildings. Since 2005, all new office buildings and data centers have achieved LEED certification.

SAS' nine LEED certified buildings include Platinum-level certification for the Executive Briefing Center at world headquarters. Platinum is the highest level awarded by the US Green Building Council (USGBC). SAS holds a Silver level national membership with the USGBC. For offices located in countries that do not use LEED, SAS is incorporating country-specific best practices and pursuing equivalent certifications for new construction and maintenance.

Examples of SAS' commitment to green building practices include:

### **World Headquarters: Building C – LEED Platinum Certified Office Building**

Building C includes the Executive Briefing Center, café and an office tower for employees. The Executive Briefing Center uses cutting-edge technologies to help customers learn about SAS software. Building C achieved LEED Platinum certification for water and energy conservation, the first for any building in Wake County and only the fifth in North Carolina in 2011. The building consumes 40 percent less energy and 50 percent less water by integrating highly efficient technologies and sustainable features:

- Photovoltaic panels generate 100,000 kWh annually to support lighting and building systems.
- Solar thermal panels provide hot water for the café.
- Thermal slab floor cooling uses water cooled in off-peak hours by building chillers to help maximize air conditioning efficiency.
- Radiant floor heating is used in the atrium for greater occupant comfort and minimizes heat loss through the roof.

- Highly efficient HVAC systems integrate economizers, enthalpy wheels, variable speed drives, and various heat recovery systems to increase energy savings.
- T5 fluorescent and LED lighting fixtures – along with individual lighting controls, motion sensors and automatic timers – save energy.
- A one-acre sedum green roof minimizes stormwater runoff and insulation, significantly reducing the heat-island effect for this microclimate.
- Low-flow and electronically activated plumbing fixtures greatly reduce employee water consumption, saving 63 percent more compared to standard fixtures.
- A rainwater collection system with two 20,000-gallon cisterns captures water for use in bathrooms.
- A 655,000-gallon retention pond collects stormwater runoff for landscape irrigation.
- LEED existing building certification.

### **World Headquarters: Building D – LEED Gold Certified Data Center**

The 38,660-square-foot facility includes two server farms, providing additional data handling for expanded SAS® OnDemand offerings, hosted solutions and continued R&D growth. Environmental technology designed into the building, which earned LEED Gold certification by the USGBC, include a reclaimed water system and mechanical and electrical systems emphasizing efficiency of operation. Building D has also achieved LEED existing building certification.

### **World Headquarters: Building Q – LEED Gold Certified Office Building**

The 220,660-square-foot office building features rooftop solar photovoltaic panels, highly insulated exterior wall and roofing systems, highly efficient heating and air conditioning, mechanical systems, energy recovery units and a water-side heat exchanger, extensive use of LED lighting, and reclaimed water use for cooling towers, irrigation and toilets. The parking lot has 12 spaces designated for plug-in electric vehicles with access to electric vehicle charging stations

### **World Headquarters: Buildings S, T & U – LEED Certified Existing Office Buildings**

In 2013, Building T at world headquarters in Cary, NC, was the first SAS building to be awarded LEED certification for an existing building. Since then, SAS has achieved LEED existing building certifications for buildings S and U. These buildings are Energy Star certified and feature the use of solar panels, energy-efficient lighting and automation controls, and low-flow bathroom fixtures. They have also completed advanced retro-commissioning to ensure optimal performance for all building systems.

### **Solna, Sweden: LEED Gold Certified Office Building**

Sweden's newest office building was awarded LEED Gold certification. The facility features geothermal energy wells for efficient heating and cooling, rooftop solar photovoltaic panels, a sedum-covered green roof, and even on-site beehives, which provide natural honey for the cafeteria.

### **Toronto, Canada: LEED Silver Certified Office Building**

SAS Toronto was the first LEED-certified new office building in Canada. With rainwater harvesting and energy conservation measures saving more than 6 million kWh of energy per year, the SAS building has served as an inspiration for many other new buildings in Toronto.

### **São Paulo, Brazil: LEED Certified Office Building Renovation**

SAS' leased office in São Paulo received LEED certification for an office renovation project in 2013.

### **2015 Data:**

Green building highlights from 2015 include:

- LEED Existing Building certification for three office buildings; SAS embraces Leadership in LEED guidelines for new construction, remodeling and retrofitting existing buildings.
- Through 2015, 51 percent of office building space and 61 percent of data center space at Cary headquarters is LEED certified.
- Energy Star certification for two additional buildings at SAS headquarters.
- Initiating efforts to pursue LEED certification for two more existing buildings at SAS headquarters.



## ENVIRONMENTAL PROGRAM

### Biodiversity

SAS is careful to minimize impact on biodiversity and surrounding habitats as it grows and expands its operational footprint. SAS adheres to the US Green Building Council LEED guidelines for protecting natural environments and promoting biodiversity in areas where the company operates. Of approximately 900 acres at SAS headquarters, about 100 acres feature buildings, roads or other impervious surfaces. The remaining 800 acres are retained as old-growth woodland, lakes and streams, farmland, natural areas and approximately 60 acres of maintained lawns, primarily for employee recreation and landscaping.

The company applies LEED best practice guidelines for new and existing building projects, smart land use planning and campus landscaping, such as:

- Preserving large areas of open space in construction projects to minimize disruption to local ecosystems.
- Reducing the heat island effect by installing white reflective materials and planting sedum on rooftops. Sedum increases insulation, minimizes stormwater runoff and provides habitat for wildlife.
- Collecting rainwater from rooftop systems, retention ponds and cisterns to minimize stormwater runoff and provide water for landscape irrigation.
- Harvesting timber from construction sites so artisans can craft unique pieces of furniture and accent walls for buildings.
- Restoring land disturbed by construction projects with native and adaptive drought-tolerant plants that help local ecosystems thrive and reduce dependence on water and chemicals.
- Growing local produce for SAS cafeterias in on-site gardens.

The SAS office located in Austin, TX also has a unique biodiversity approach. It is located on 94 acres of mostly undisturbed land where deer and other wildlife freely roam. Only about three acres are used for facilities and access roads. The property has intentionally been left wild and features a long, winding driveway and natural walking trails surrounding the more landscaped areas around the building.

The Austin property is home to several types of endangered birds and spiders, which are protected by landscaping and conservation guidelines, such as the Balcones Canyonlands Conservation Plan (BCCP). The BCCP is a joint venture of the City of Austin and Travis County that protects habitats for locally occurring species protected under the federal Endangered Species Act. SAS works closely with BCCP to maintain the natural integrity of these important habitats.

**2015 Data:** In 2015, SAS achieved Existing Building LEED certification for three buildings and initiated certification projects for two others. Adoption of green building practices includes a substantial effort to minimize environmental impact for both construction and ongoing operation. Building design and construction processes ensure a minimal site footprint, higher than mandated erosion and stormwater controls, reduced heat island impact, maximized green space, use of native and drought-tolerant plants, and more.



## ENVIRONMENTAL PROGRAM

# Awareness and Engagement

In addition to employing sustainability measures globally, SAS promotes environmental education and awareness. Activities include educational campaigns, speaking engagements, SAS solar farm visits, companywide Earth Day activities, articles on the internal green website, white papers and webcasts. By engaging with customers, employees, industry leaders and world leaders, SAS seeks to extend the reach of its sustainability initiatives.

SAS works with leading international organizations to apply technology to address greenhouse gas emissions, as well as other environmental and social concerns. Customers use SAS® software to generate power efficiently, promote better use of critical resources, minimize waste, assist environmental protection agencies, and improve the production and delivery of goods.

**2015 Data:** In 2015, SAS employees joined in various activities to raise awareness about the benefits of renewable energy, conserving energy, reducing waste, reducing water use, and protecting the environment. SAS held weeklong Earth Week celebrations at its world headquarters campus, while offices around the globe engaged employees with stewardship initiatives. Some US activities included:

- SAS sent a letter to the North Carolina General Assembly advocating the economic and environmental benefits of maintaining the state's Renewable Energy and Energy Efficiency Portfolio Standard (REPS).
- To help celebrate Earth Day, a new and improved SAS Green Initiatives website was launched, giving employees a one-stop resource for learning about all things sustainable at SAS. The new global site features environmental performance reports, tools to help employees share ideas and get involved, and links to important resources to help SAS minimize the environmental footprint from its operations.
- SAS Eco Advocates, an employee volunteer group who supports environmental activities, spent a day revitalizing trails in the state

park adjacent to the Cary, NC, campus, completing a perimeter fencing project at the local nonprofit [SEEDS](#) organization and [collecting tiger footprint data](#) from the [Carolina Tiger Rescue](#) to improve techniques for identifying endangered tiger species in the wild.

- At SAS' fifth annual Junk Swap, employees donated gently used, unwanted items that were offered free to other employees or donated to the Salvation Army. More than 300 employees donated household items, including furniture and kitchen appliances, sporting goods, books and loads of toys.
- SAS Eco Advocates also partnered with the Duke Nicholas School of the Environment to collect data from our office buildings and contribute toward a global initiative to reduce bird collisions with buildings.
- SAS hosted conferences for numerous environmental organizations, including the [Research Triangle Cleantech Cluster](#) and [EarthShare North Carolina](#).

## Electric Vehicle Support and the Eco-Commuter Program

SAS assigns top priority to minimizing energy consumption and related emissions from its operations. The SAS Eco-Commuter Parking Program encourages employees to mitigate the environmental impacts of their daily commute by providing specially marked preferred parking spaces for plug-in electric vehicles (PEVs), low-emission vehicles and active carpool participants. Eco-Commuter parking includes 100 designated PEV spaces with access to 48 charging stations. SAS provides free charging for all employees and visitors.

Through 2015, employees at SAS headquarters in Cary, NC, own approximately 3 percent of PEVs in North Carolina.

Employees share the charging station infrastructure by following the [SAS Electric Vehicle Supply Equipment Use Policy and Guidelines](#).

The SAS Eco-Commuter Program also provides subsidized employee vanpools and bike racks at all office buildings.

In 2015, SAS was awarded the DOE Leading the Charge recognition for a second time. View SAS' participation in the [Department of Energy's Workplace Charging Challenge](#).



## EMPLOYEES &amp; CULTURE

## SAS' world-renowned culture is based on trust, flexibility and values

SAS is not only known as the pioneer in analytics but as the pioneer in [workplace culture](#). SAS' culture is anchored by meaningful work, excellent leadership and a world-class work environment. The company has been ranked on the Fortune 100 Best Companies to Work For list since the list's inception for its corporate culture - which encourages work/life balance.

SAS employees share a common spirit, a passion for their work, their customers and each other. It's truly a workplace like no other, based on the belief that happy, healthy people have a passionate engagement with life - and bring it to work. We understand there's a direct correlation between our culture and business success with 40 years of uninterrupted revenue growth and profitability. If you treat employees well, they will continue to innovate and create amazing software that creates happy customers.



## EMPLOYEES &amp; CULTURE

## Workplace Culture

SAS' engaging environment enables employees to build lasting relationships with customers and drive the innovation that sustains the company's leadership in advanced analytics. SAS is recognized worldwide for being a great workplace and for working to ensure that employees stay healthy, active and engaged.

**2015 Data:** In 2015, SAS earned 17 [workplace culture awards](#), including the No. 2 ranking on the Great Place to Work Institute's list of the World's Best Multinational Workplaces.

As part of the Great Place to Work program, SAS participates in GPTW's Trust Index Survey. This survey aggregates data from the Fortune 100 Best Companies to Work For list to rate participating companies. SAS' results demonstrate why it is annually recognized as a top employer in the US and beyond.

### Great Place to Work Trust Index Survey (US only)

	SAS US Score	100 Best Companies US (Average)
Credibility	87	85
Respect	90	86
Fairness	86	84
Pride	92	89
Camaraderie	92	89
This is a great place to work	94	90



## EMPLOYEES &amp; CULTURE

## Hiring and Retaining Staff

SAS cultivates the optimal environment for creativity, encouraging employees to take risks and exceed expectations while helping them balance work and life. SAS not only invests in employee career development, but also health and well-being through several [services, programs and benefits](#).

**2015 Data:** In 2015, SAS maintained its perennially low turnover rate while sustaining its worldwide headcount. In 2015, SAS did not have any substantiated and material negative incidents with regard to employee discrimination or harassment. At the end of 2015, SAS had 14,003 employees worldwide and 7,117 US employees.

### Voluntary Employee Turnover

In the US, the average employee tenure is 11 years, compared to an industry average of 4.6 years.<sup>1</sup> Reducing turnover reduces recruitment costs, helping the company retain knowledge and deliver deeper, longer-term customer relationships. This means SAS employees spend more time on productivity and less time training new hires on their roles in the company. SAS sees a strong connection between employee loyalty and business success.

**2015 Data:** In 2015, SAS' voluntary employee turnover rate was 5.1 percent. The average industry turnover rate is 18.4 percent.<sup>2</sup>

<sup>1</sup> US Bureau of Labor Statistics

<sup>2</sup> Ibid.

### US Turnover Summary – 2015

US staff turnover	2013	2014	2015
<b>Type</b>			
Turnover number	300	349	353
Turnover percentage	4.5%	5.2%	5.1%
<b>By age group</b>			
19-31	50	45	72
32-44	105	124	110
45-63	112	128	122
64 and up	33	52	49
<b>By gender</b>			
Female	126	156	149
Male	174	193	204

### Diversity and Equal Opportunity

SAS' work teams thrive on a diverse interplay of ages, backgrounds and perspectives. Employees' collective strength and passion for what they do ignites big ideas and powerful bonds. SAS continues to provide equal employment opportunity for all employees regardless of age, race, color, gender identity, religion, creed, ancestry, national origin, citizenship, marital status, sexual orientation, disability, medical condition, veteran status, pregnancy or any other protected class as defined by federal, state or local law.

To promote diversity and equal opportunity, SAS engages in the following:

- Partnered with Enable America for Career Mentoring Day with transitioning veterans.
- Women's Initiative Network (WIN), a SAS interest group dedicated to inspiring, encouraging and empowering women through networking, career development and community service.
- Treatment and Education of Autistic and Related Communication Handicapped Children (TEACCH) program provides job coaches for long-term autistic employees who work in SAS cafes.

## *Hiring & Retaining Staff page 2*

- Food and Service Training (FAST) students from Wake County Public Schools receive credit toward Occupational Course of Study Diplomas by volunteering with corporate mentors to learn basic workplace skills.
- Arc of Wake County to help match people in the community with disabilities who are seeking competitive employment with appropriate jobs and on-site coaching. In some cases, students gain work credit to meet requirements for OCS Diplomas.
- R3, a summer student program that symbolizes SAS' commitment to "Recognize, Recruit and Retain" women and minorities in fields of technology.



## EMPLOYEES &amp; CULTURE

## Skills Development

SAS supports the idea that all employees have a natural desire to learn and grow. As part of its culture and benefits for employees, SAS provides many opportunities for employees to develop, whether for specific job skills, business acumen or interpersonal competence. Training includes instructor-led classes, e-learning and live web training. Employees at all levels are encouraged to pursue training to keep their skills sharp and learn new techniques to improve their professional capabilities.

Employee Type	Average Time in Training
Full-time	25 hours
Part-time	7 hours

**2015 Data:** Approximately 95% of employees participated in professional training, totaling 171,663 hours.

In addition to skills training, SAS has created a program specifically for employees pursuing leadership and management training. Courses are offered at different levels within the organization to cultivate and nurture internal talent. In 2015, SAS provided 94 leadership development offerings, including 30 courses, training 1,214 people.

SAS offers a wide array of training options that enable employees to find their best learning method to meet work and career goals.

Training	Breakdown
Classroom	31%
Webcast and video	19%
E-learning	47%
Reading material	1%

Training programs include:

- Leadership development.
- Interpersonal development.
- Sales training.
- Technical training.

## EMPLOYEES &amp; CULTURE

## Health and Safety

Around the globe, SAS provides a safe and healthy working environment for all its employees. Each SAS office manages its own health and safety programs. Resources and best practices are available from the headquarters office in the US; however, each program is designed to fit the needs of that particular location.

Many SAS offices around the globe have exercise facilities on-site or have access to regional fitness clubs. All employees have access to health care coverage that is tailored to the cultural norms and local laws of each region. At the worldwide headquarters in Cary, NC, an on-site health care center provides comprehensive services that promote optimal health. The staff includes family nurse practitioners, physicians, registered dietitians/nutritionists, nurses, medical laboratory technologists, a psychologist and physical therapists.

The Security and Safety and Risk Management departments investigate any incidents that pose a danger to company employees or third parties and take measures to reduce or eliminate these hazards. These departments provide additional training and resources to help identify and prevent similar incidents from causing injury or damage to individuals.

SAS also has an Ergonomics department that supports employees through personal assessments and training. The department provides further educational resources through an intranet site, which includes FAQs, tips and information about a safe work skills program for manual labor employees. It also provides an assessment request form that employees can complete for a personal work-site evaluation by one of two full-time ergonomics specialists.

## Absenteeism

By providing a safe, nurturing work environment, SAS strives to keep employees productive and effective in their roles. One measure of that success is the absenteeism rate.

**2015 Data:** In 2015, SAS recorded an absence rate of four days per full-time employee. This accounts for all types of non-vacation and holiday time, including sick, bereavement, jury duty, military leave of absence and workers' compensation.

Injuries/Lost Days – US <sup>2</sup>	2013	2014	2015
Total Employees	6,716	6,862	7,117
Compensation Claims	30 = 0.45%	22 = 0.32%	41 = 0.58%
Lost Working Days	116	129	200.25

<sup>2</sup> Numbers may vary based on a dynamic time frame.



## EDUCATION &amp; PHILANTHROPY

## Meeting the challenges of the new millennium

SAS CEO Jim Goodnight refers to education as the engine of economic growth. By supporting efforts that prepare more graduates for college, work and success in the 21st century, SAS continues to play a vital role in the global community. SAS focuses its philanthropic activities on creating programs at its headquarters in Cary, NC, that can be replicated by other SAS offices around the world. The company provides materials and best practices to help employees at any office launch a program that is a good fit for the community and meets local educational needs.

In North Carolina and around the world, SAS targets education initiatives in science, technology, engineering and math (STEM) to ensure the next general of computer innovators has the knowledge and skills to succeed.



## EDUCATION & PHILANTHROPY

### K-12 Education

The quality of education in the K-12 system directly affects economic growth and prosperity. In its effort to increase access to skills in the critical areas of STEM, SAS offers several products and services at no cost to schools.

#### [SAS® Curriculum Pathways®](#) and [SAS® Mobile Learning Apps](#)

SAS Curriculum Pathways provides interactive, standards-based resources in the core disciplines for middle and high school students in traditional, virtual or home learning environments. From preschool children to lifelong learners, SAS mobile learning apps engage students of all ages. SAS Curriculum Pathways and SAS mobile learning apps are available to every educator in the world at no cost. In 2015 nearly 900,000 teachers and students used the free digital resources for K-12.

#### [SAS® Programming for High School](#)

SAS provides five days of training, all instructional materials, assessments and teaching guides necessary to teach SAS programming to high school students. Students will leave this course with skills that allow them to sit for the SAS Certification exam, a globally recognized certification. These resources are available to educators at no cost.

#### [STEM Career Showcase for Students With Disabilities](#)

SAS partnered with the North Carolina Museum of Natural Sciences to create an annual event where students with disabilities in grades three through 12 interact with college students and professionals with a variety of disabilities who have forged successful career paths in STEM fields. Students network with role models who are pushing the boundaries of knowledge, building innovative products and creating the technologies of the future. In 2015, more than 200 students and chaperones attended, with nearly 500 viewing online.

#### [Support for 1-to-1 Learning](#)

SAS was a founding partner of the North Carolina 1:1 Learning Collaborative, a public-private partnership providing laptops, professional development and critical support to schools in rural areas. The results from the project, now freely available, have become best practices for schools and districts undertaking a 1-to-1 initiative.

#### [Triangle High Five Math Collaborative](#)

This collaborative effort helps mathematics teachers identify and engage highly effective instructional practices and address disparities in math achievement related to race and income. Schools in the Triangle High Five partnership, which includes five public school districts, are striving to prepare more students to be successful in math and achieve their highest potential. Nearly 800 elementary and middle school teachers attended the sixth annual Math Summit at SAS, a two-day professional development event.

#### [Support for STEM Careers](#)

SAS again held a SAS STEM Career Day, in conjunction with Hour of Code and Computer Science Education Week, where volunteers ventured into classrooms to generate enthusiasm about careers in STEM. In 2015, SAS expanded the scope and impact of this event by incorporating activities and content from Code.org, as well as new computer science and statistics lessons. Volunteers engaged students with real-world examples, shared insights from their own careers and emphasized how school prepared them for success. Volunteer participation increased from 25 volunteers at one site in 2013 to over 100 volunteers at schools in four counties in 2015.

SAS also supports other organizations devoted to improving the quality of education, including the Emerging Issues Forum, BEST NC, eLearning Commission, Wake Education Partnership, NC Public School Forum, Business Roundtable and other nonprofits.



## EDUCATION & PHILANTHROPY

# Higher Education

## SAS® Analytics U

Big data has created an unprecedented demand for analytics talent that outpaces qualified applicants. To help fill the skills gap, SAS launched SAS Analytics U, a broad higher education initiative that includes free SAS software, university partnerships and engaging user communities that support the current and next generation of SAS users.

## Free Software for Higher Education and Adult Learners

Through [SAS University Edition](#) and [SAS OnDemand for Academics](#), professors, students, researchers and independent learners have free access to SAS software for teaching and learning valuable analytics skills. Students and independent learners can jump-start careers and make themselves highly attractive to talent-hungry employers by building analytics expertise. Downloads of SAS University Edition grew 25 percent in 2015, nearing 480,000, and more than 45,000 people registered for free e-learning courses in statistics and programming.

## Support to Universities and Community Colleges

The SAS Education Division provides training and teaching materials to help professors and instructors incorporate SAS into their teaching. Resources include slides, data sets and printable/editable files of the student manual. These materials are provided free of charge, with copyright permission for professors to use any of the content in their own class notes. SAS also provides numerous guest lecturers to universities and community colleges – at no cost to the institutions. SAS trained nearly 1,800 professors in the use and instruction of analytics in 2015.

## Analytics Degree Programs

SAS partners with traditional and nontraditional graduate and undergraduate programs around the world to create degree and certificate programs that generate the analytical talent organizations need to make the most of big data. SAS has helped launch nearly 40 master's and undergraduate degrees and 90 certificate programs in analytics and related disciplines. New programs in 2015 include ones at American University, University of Melbourne, Oklahoma State University, University of Arkansas, University of Texas at Arlington, Michigan State University, Capella University and Asia Pacific University (Malaysia).

## SAS Student Programs and Scholarships

SAS has many programs that recognize, support and propel students toward a career in analytics or other STEM fields. Through opportunities such as the SAS Student Ambassador Program, the SAS Scholar Award Program, the SAS Analytics Shootout, the SAS Global Forum Student Scholarship Program and others, students receive valuable assistance, experience, networking and professional exposure at major SAS events.



## EDUCATION & PHILANTHROPY

# Philanthropy

SAS provides support to help students succeed in the classroom and graduate from high school. In particular, SAS champions programs that focus on the integration of technology that will strengthen the education system and increase the number of students entering careers in science, technology, engineering and mathematics (STEM). Programs must generate a long-term impact and affect significant numbers of people, without discrimination.

Examples include::

- [#GivingTuesday](#), a global day of giving.
- [Communities in Schools](#), the nation's largest dropout prevention organization.
- [Computer Science Education Week](#), a national effort that SAS joins by providing volunteers with training, activities and materials to work with students and pique their interest in computer science.
- College and Career Ready Standards, an effort to define higher learning standards.
- [DonorsChoose.org](#), a national nonprofit that connects donors with classrooms in need. Each year, SAS matches employee contributions to the cause.
- In-kind donations for nonprofit organizations that need computer equipment or software. SAS gives hundreds of thousands of dollars in surplus computer hardware, office equipment and other tangible items to community groups that can benefit from the donation.
- Donations of money, software and expertise to numerous colleges, universities and community colleges around the world.
- [Center for International Understanding](#), a program to ensure that North Carolina is the most globally engaged state in the nation.
- [Mapping the Nation](#), an online resource that reveals the importance of a globally competent workforce and citizenry.
- [North Carolina Science Festival](#), a statewide showcase of science activities.
- [University of North Carolina Data Dashboard](#), an interactive online database built by SAS that gives students, parents, policymakers and taxpayers expanded access to detailed UNC system data to track system performance.
- [University of North Carolina Educator Quality Dashboard](#), an interactive online tool built with SAS data visualization software that enables citizens to analyze and display data on the UNC system's efforts to prepare more and higher-quality teachers and school leaders for the state's public schools.
- [Triangle High Five](#), a partnership committed to seeing that students graduate from high school ready for higher education and careers of their choice.
- [University of North Carolina Public Television](#), which broadcasts award-winning, educational programs that are watched by more than 4 million viewers each week.
- [Wake Education Partnership](#), an independent nonprofit organization that mobilizes business and community involvement in Wake County schools.
- [YMCA of the Triangle](#), with 16 facilities to meet community needs through programs that promote good health, strong families and solid communities.

## Contributions

In 2015, SAS donated more than \$40 million to nonprofits across the globe. Nearly \$1.5 million in community grants was managed by local offices worldwide. In the US, SAS donated more than \$39 million of in-kind training, software, hardware, services, volunteer time, and surplus equipment and furniture.

2015 Donations	Type	Global Total
Cash donations	Worldwide cash	\$1,474,226
In-kind donations (US only)	Software, hardware and services	\$11,188,775
	Additional JMP® software donated	\$1,122,500
	Value of in-kind of training for students and educators	\$26,660,917
	Surplus equipment/furniture/hardware	\$282,015
<b>Total</b>		<b>\$40,728,433</b>



## EDUCATION & PHILANTHROPY

# Community Engagement

As an integral part of SAS culture, the company encourages employees to donate their talent, time and/or finances to projects supporting education, the environment and social welfare. Offices across the globe manage programs tailored to fit the needs of their communities and the interest of SAS employees.

To foster a culture of volunteerism at SAS, the company manages the Employee Volunteer Fund (EVF), which contributes cash to education-based nonprofit organizations after an employee has provided at least 50 hours of volunteer support in three out of four quarters over 12 months.

**2015 Data:** SAS employees in the US volunteered more than 29,000 hours through the EVF program, resulting in more than \$91,750 paid to schools across the country. Globally, SAS employees volunteer their time in the community. Whether it is collecting toys at Christmas in France, adopting a local school in Canada, raising money for the food bank in Pittsburgh, collecting coats for kids in North Carolina, or building Habitat for Humanity homes across the US, SAS employees generously give their time to improve their communities.

Some SAS volunteer projects in 2015 included:

- SAS employees in 18 countries joined more than 30,000 organizations around the world in support of #GivingTuesday, Dec. 1. #GivingTuesday reports that more than \$1.16 billion was raised. There were 1.3 million social media mentions, tripling the number of users reached on Facebook last year. Check out this [2015 infographic](#) to learn more.

Around the world, here are just a few of the activities:

- In Canada, employees donated blood. A group also packaged and sorted food to help ensure that the hungry people of Toronto had food for the holiday season.
- In France, employees donated blood and collected toys, clothing and money.
- In Greece, employees donated food for refugees.

- In Mexico, employees collected food to support Casa Hogar de la Esperanza, a home for abandoned girls.
- In Portugal, a team fixed and painted structures at CREACIL, an impairment support association.
- In Slovakia, employees collected money for the Children's Hospital Emergency Unit in Bratislava.

A number of activities took place at SAS world headquarters:

- 400 children received new clothing as part of the Salvation Army Angel Tree collection.
- In 2015, SAS employees donated close to \$60,000 to DonorsChoose.org for classroom projects; SAS matched those donations, resulting in almost \$118,000 for 482 unique projects. A total of 55,066 students in 36 states have benefited from the partnership this past year. The DonorsChoose.org challenge raised more than \$28,000 in donations to classroom projects via the #GivingTuesday campaign at SAS.
- 20 SAS employees worked with children at the Raleigh Boys and Girls Club on STEM activities.
- 123 pints of blood were donated to the American Red Cross.
- SAS volunteers helped raise nearly \$150,000 for UNC-TV, the statewide public television network. Since 2000, SAS has helped raise more than \$2 million for public television.
- SAS was a founding partner in SummerSTEM, a STEM immersion experience involving six corporations and 50 middle and high school teachers.
- The below activities served the Food Bank of Raleigh:
  - Between the child care centers' food drive and the CanOrnament display, employees donated 6,344 pounds of canned goods. (1,300 pounds more than last year!)
  - The Executive Cooking Challenge raised an additional \$752 in three cafes.
  - **The Virtual Food Drive** monetary donations totaled \$2,678.
  - All in all, enough food/money was collected to provide 22,942 meals!

## Community Engagement page 2

- SAS STEM Career Day. SAS STEM volunteers visited schools and described their careers, how they chose their career paths, and how SAS and its customers use math, science and technology. The goals are to increase student interest in STEM careers and courses, to help students connect what they do in school with an exciting STEM career pathway, and to familiarize them with the varied STEM careers at SAS and other organizations.

## Community Board Membership

SAS staff members carry the company's corporate responsibility values outside the office by serving on the boards of community organizations that support education, disaster relief, the arts, science innovation, environmental conservation and other issues important to employees.

**2015 Data:** SAS employees served on numerous boards, including the following:

- American Chamber of Commerce to the European Union (AmCham EU) Executive Council
- Atlantic Council Board of Directors
- American Statistical Association
- BEST-NC (Business for Educational Success and Transformation in North Carolina)
- Cary Academy Board of Directors
- CSC Strategic Advisory Board at North Carolina State University – Board Emeritus
- EDF National Council
- Food Bank of Central and Eastern North Carolina
- Friday Institute for Educational Innovation (North Carolina State University)
- Kids 'N Community Foundation (Carolina Hurricanes)
- North Carolina Museum of Art
- North Carolina Museum of Natural Sciences – Friends
- North Carolina Public School Forum
- North Carolina Science Festival
- North Carolina State University Board of Trustees
- Ready by 21
- Smithsonian National Museum of Natural History, Advisory Board
- The Center for International Understanding Council
- US Council for International Business Board of Directors – Executive Council

- UNC Board of Governors
- UNC Charlotte, William States Lee College of Engineering (Energy Production and Infrastructure Center [EPIC] Advisory Board)
- Wake Education Partnership
- WildTrack
- World Wildlife Fund US
- YMCA of the Triangle



## EDUCATION & PHILANTHROPY

# Donation Process

SAS' corporate philanthropy supports strategic initiatives that increase interest and achievement in STEM, with an emphasis in the region surrounding SAS world headquarters.

If your organization meets all the below criteria, proceed with the donation application process outlined under the next section, "SAS Community Relations Program."

- Have nonprofit tax exemption status under Internal Revenue Service code 501(c)(3).
- Have a responsible board of directors serving without compensation.
- Show financial stability as evidenced by annual financial statements.
- Employ ethical methods of publicity, promotion and solicitation of funds.
- Raise funds without payment of commissions, street solicitations or mailing of unordered tickets.
- Operate from a detailed annual budget.
- Request funds for programs or operations with a minimal portion applied to overhead.
- Use the in-kind donation to benefit organizational members or constituents.
- The SAS Community Relations program does not consider funding or in-kind donations for the following:
  - Sponsorship of professional athletic or amateur sports teams or individuals.
  - Single events such as walk-a-thons, fundraisers, workshops, seminars, etc.
  - Religious causes.
  - Political parties, candidates or issues.
  - Organizations that are in any way exclusive.
  - Trips, tours.
  - Independent film/video productions.
  - Requests from individuals.

## SAS Community Relations Program: Criteria for Donations Related to Education

If your organization meets the above criteria, follow these steps to apply for a donation:

1. **Complete the SAS Donation Application** listed below, making sure to provide all information requested.
2. **Prepare a brief description** (three pages or less) of the project/program to be funded or for the in-kind request, including answers to the following questions:
  - What is the primary mission of your organization? Describe your current programs and significant accomplishments.
  - What issue or problem does your program/project address?
  - How does this issue relate to SAS' educational focus, priorities and criteria?
  - What is the scope of your program? Who is your audience and/or the population to be served? (Include any available program or policy statements that reference geographic location, socioeconomic status, or other factors that identify the target audience.)
  - What is the program goal or expected outcome of the program for which support is requested?
  - What is the track record of the project/program to be funded? (If new, discuss accomplishments of the organization.)
  - How will you measure the success of the program/project and report the results to SAS?
3. **Provide the following supporting documentation:**
  - A photocopy of the IRS 501(c)(3) letter.
  - Evidence of current accreditation (for educational institutions).
  - An audited financial statement or detailed information on finances.
  - A list of those currently on the board of directors and their professional affiliations.
  - A separate project/program budget, if applicable.

4. **Return** (1) the completed application; (2) description; and (3) all required supporting documentation. Incomplete applications will not be considered. Completed applications are reviewed in the order they are received.

**Mailing address:**

Community Relations  
SAS Campus Drive  
Cary, NC 27513

Note: Submitted materials will not be returned.

For further information, contact [CommunityRelations@sas.com](mailto:CommunityRelations@sas.com).

## Donation Application

Date: \_\_\_\_\_

Name of Organization: \_\_\_\_\_

Address of Organization: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Address (if different from above): \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email Address: \_\_\_\_\_ Website: \_\_\_\_\_

How long has this organization operated in this community? \_\_\_\_\_

The funds being sought are to be used for: \_\_\_\_\_

Capital Campaign      Operating Budget      Special Project - project start and end dates: \_\_\_\_\_

Total budget for current project: \$ \_\_\_\_\_

What percentage is being requested from businesses? \_\_\_\_\_

Dollar amount or description of in-kind donation requested from SAS: \_\_\_\_\_

How was this amount calculated? (include overall budget if requesting partial funding): \_\_\_\_\_

Has your organization received previous support from SAS?    Yes      No

If yes, list year(s) and amount(s): \_\_\_\_\_

List three to five other major business contributors to this program and the amounts contributed: \_\_\_\_\_

List names and positions of any SAS employees involved with your organization: \_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

Return completed Donation Application, together with all required supporting documentation, to:

Community Relations  
SAS Campus Drive  
Cary, NC 27513