

C0. Introduction

C0.1

(C0.1) Give a general description and introduction to your organization.

AmerisourceBergen is one of the largest global pharmaceutical sourcing and distribution services companies, helping both healthcare providers and pharmaceutical and biotech manufacturers improve patient access to products and enhance patient care. With services ranging from drug distribution and niche premium logistics to reimbursement and pharmaceutical consulting services, AmerisourceBergen delivers innovative programs and solutions across the pharmaceutical supply channel in human and animal health. With over \$175 billion in annual revenue, AmerisourceBergen is headquartered in Valley Forge, PA, and employs approximately 22,000 people around the world. AmerisourceBergen is ranked #10 on the Fortune 500 list.

We distribute a comprehensive offering of brand name and generic pharmaceuticals – including specialty pharmaceutical products, over-the-counter healthcare products, home healthcare supplies and equipment, and related services to a wide variety of healthcare providers located in the United States and select global markets. Our customers include chain retail and independent pharmacies, mail order pharmacies, acute care hospitals and health systems, physician practices, medical and dialysis clinics, long-term care and other alternate site pharmacies, veterinarians, and others. Additionally, we furnish healthcare providers and pharmaceutical manufacturers with an assortment of related high-value services, including reimbursement and pharmaceutical consulting services, niche premium logistics services, inventory management, pharmacy automation, and pharmacy management.

C0.2

(C0.2) State the start and end date of the year for which you are reporting data.

	Start date	End date	Indicate if you are providing emissions data for past reporting years	Select the number of past reporting years you will be providing emissions data for
Reporting year	October 1 2018	September 30 2019	No	<Not Applicable>

C0.3

(C0.3) Select the countries/areas for which you will be supplying data.

- Argentina
- Australia
- Austria
- Belgium
- Brazil
- Bulgaria
- Canada
- Chile
- China
- China, Hong Kong Special Administrative Region
- Colombia
- Croatia
- Czechia
- Denmark
- Ecuador
- Finland
- France
- Germany
- Greece
- Hungary
- India
- Ireland
- Israel
- Italy
- Japan
- Lithuania
- Malaysia
- Mexico
- Netherlands
- New Zealand
- Norway
- Peru
- Poland
- Portugal
- Puerto Rico
- Republic of Korea
- Romania
- Russian Federation
- Singapore
- Slovakia
- Slovenia
- South Africa
- Spain
- Sweden
- Switzerland
- Taiwan, Greater China
- Thailand
- Turkey
- Ukraine
- United Kingdom of Great Britain and Northern Ireland
- United States of America
- Uruguay

C0.4

(C0.4) Select the currency used for all financial information disclosed throughout your response.

- USD

C0.5

(C0.5) Select the option that describes the reporting boundary for which climate-related impacts on your business are being reported. Note that this option should align with your chosen approach for consolidating your GHG inventory.

- Operational control

C1. Governance

C1.1

(C1.1) Is there board-level oversight of climate-related issues within your organization?

Yes

C1.1a**(C1.1a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.**

Position of individual(s)	Please explain
Board-level committee	The Governance, Sustainability and Corporate Responsibility Committee (formerly, the Governance and Nominating Committee) monitors the Company's sustainability and corporate responsibility strategy and performance. This responsibility extends to oversight of ESG topics that specifically include climate-related matters such as any major plans or actions, risk management policies, and implementation of ESG-related performance of objectives. The Committee is evaluating further integration of ESG topics in its charter and recently updated the Committee's name to reflect a focus on ESG topics. Sustainability and corporate responsibility is included on our Board's skills matrix. Question C12.4 includes our proxy statement which outlines this information and can be found at https://s24.q4cdn.com/386340686/files/doc_downloads/2020/01/AmerisourceBergen-Corp-DEF-14A-Proxy-Statement-DL.pdf

C1.1b**(C1.1b) Provide further details on the board's oversight of climate-related issues.**

Frequency with which climate-related issues are a scheduled agenda item	Governance mechanisms into which climate-related issues are integrated	Scope of board-level oversight	Please explain
Scheduled – some meetings	Reviewing and guiding strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding annual budgets Reviewing and guiding business plans Setting performance objectives Monitoring implementation and performance of objectives Overseeing major capital expenditures, acquisitions and divestitures Monitoring and overseeing progress against goals and targets for addressing climate-related issues	<Not Applicable>	The Governance, Sustainability and Corporate Responsibility Committee has primary risk oversight for governance structure and processes, investor relations, sustainability and corporate responsibility, political engagement and board succession planning. As a result, the Committee reviews and guides the sustainability and corporate responsibility strategy, any major plans of actions, risk management policies, budgets, and business plans, and monitors implementation and performance of objectives. Sustainability and corporate responsibility is also included on our Board's skills matrix in order to strengthen Board-level commitment to ESG-related topics. In addition, several Board members participated in a training session entitled "The Era of Environmental, Social and Governance (ESG) Reporting." The Committee is formally updated, at minimum, annually on sustainability and corporate responsibility topics, including climate-related issues by the Chief Communications and Administration Officer and Vice President of Corporate Responsibility and Sustainability. For example, as the Committee regularly reviews and guides the sustainability and corporate responsibility strategy, this contributes to oversight of how AmerisourceBergen is integrating climate-related considerations into business processes such as facilities and risk management. Additionally, sustainability is a topic of interest to the Committee; and therefore, we provide more regular, informal updates through emails, memos and conference calls as appropriate and requested. In addition to annual updates, the Corporate Secretary engages the Board of Directors regularly on corporate governance and ESG disclosure trends, including those related to climate change.

C1.2**(C1.2) Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.**

Name of the position(s) and/or committee(s)	Reporting line	Responsibility	Coverage of responsibility	Frequency of reporting to the board on climate-related issues
Other C-Suite Officer, please specify (Chief Communications and Administration)	<Not Applicable>	Both assessing and managing climate-related risks and opportunities	<Not Applicable>	Half-yearly
Other C-Suite Officer, please specify (Chief Communications and Administration)	<Not Applicable>	Both assessing and managing climate-related risks and opportunities	<Not Applicable>	As important matters arise

C1.2a

(C1.2a) Describe where in the organizational structure this/these position(s) and/or committees lie, what their associated responsibilities are, and how climate-related issues are monitored (do not include the names of individuals).

AmerisourceBergen formally recognizes climate change as a risk. The highest management-level position with responsibility for climate-related issues is the Chief Communications and Administration Officer, a member of the Executive Management Committee who reports to the CEO. As climate-related risk is incorporated into how we manage and communicate risk as a company, this officer, along with members of the leadership team, updates the Board of Directors' Governance, Sustainability and Corporate Responsibility Committee on sustainability and corporate responsibility, including climate change. Additionally, the Corporate Responsibility and Sustainability department, an enterprise-wide, shared-services function is responsible for integrating sustainability across all company operations, reports directly to this officer.

In FY2019, climate change was included as an input in AmerisourceBergen's Enterprise Risk Management Program (ERM). The Chief Legal Officer, also a member of the Executive Management Committee who reports to the CEO, has oversight over the company ERM. The Board of Directors' Compliance and Risk Committee monitors the ERM. Global Business Resilience (GBR) is an integrated, company-wide program, part of the Office of Enterprise Risk Management, designed to ensure that AmerisourceBergen can proactively anticipate, prepare for, respond, and adapt to incremental changes and sudden disruptions, including climate-related. The ERM office has integrated natural disasters and climate/sustainability risks into their formal risk taxonomy standard. The Corporate Responsibility and Sustainability department provides a formal annual update to the leadership of the GBR team regarding climate-related trends and physical risks to our organization.

The ESG Oversight Committee provides strategic direction for the development and oversight of our Corporate Responsibility and Sustainability Policy and Practices. It is comprised of leadership from across the businesses and corporate functions of ABC. The Committee includes divisional and corporate functional leaders, from Investor Relations, Legal, Marketing, Operations, Transportation, Human Resources and Business Unit Leaders. The Committee is governed by a formal agreement, which includes monitoring of sustainability and climate-related risks and opportunities. The Committee works in a collaborative capacity across our companies to implement a consistent corporate responsibility and sustainability strategy and communication approach, facilitate best practice sharing and promote sustainability awareness, including climate-related topics. Corporate Responsibility and Sustainability works with our ESG Oversight Committee, Office of Enterprise Risk Management, Global Business Resilience program and Global Watch Center.

The occurrence of one or more unexpected events, including fires, tornadoes, tsunamis, hurricanes, earthquakes, floods, and other forms of severe hazards in the United States or in other countries in which we operate or are located could result in physical damage to and complete or partial closure of one or more of distribution centers or outsourcing facilities, temporary or long-term disruption in the supply of products, delay in the delivery of products to our distribution centers, and/or disruption of our ability to deliver products to customers. The long-term effects of climate change on general economic conditions and the pharmaceutical distribution industry in particular are unclear, and changes in the supply, demand or available sources of energy and the regulatory and other costs associated with energy production and delivery may affect the availability or cost of goods and services, including natural resources, necessary to run our businesses. Any long-term disruption in our ability to service our customers from one or more distribution centers or outsourcing facilities could have a material adverse effect on our operations.

As natural disasters or other unexpected events may disrupt our operations, adversely affect our results of operations and financial condition, the GBR team created the ABC Global Watch Center, which maintains uninterrupted, 24/7/365 situational awareness of all events that could negatively impact ABC's business operations around the world. Intelligence gathering and analysis tools are used to monitor global operations and alert us to hazardous incidents, including climate-related incidents. Risks included in the 10-K are elevated internally through our internal disclosure committees for discussion and ultimately provided to our Board of Directors for review prior to filing. With these services and programs reporting directly to the Chief Communications and Administration Officer, the position is ultimately responsible for the assessment and management of climate-related risks and opportunities as well as updating the Board of Directors.

C1.3

(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?

	Provide incentives for the management of climate-related issues	Comment
Row 1	Yes	

C1.3a

(C1.3a) Provide further details on the incentives provided for the management of climate-related issues (do not include the names of individuals).

Entitled to incentive	Type of incentive	Activity incentivized	Comment
Facilities manager	Monetary reward	Energy reduction project	The leaders of our pharmaceutical distribution centers have performance goals aligned with identifying and, where possible, implementing energy reduction projects. The initiatives include building envelope items, lighting retrofitting, and projects to reduce energy use.
Facilities manager	Monetary reward	Efficiency project	The leaders of our distribution centers have performance goals aligned with identifying and, where possible, implementing efficiency projects for continuous improvement to address climate change. The initiatives include conveyor system efficiencies gained through hardware or software upgrades.
All employees	Non-monetary reward	Energy reduction target	Employees are recognized for innovative projects and ideas related to sustainability and climate on the company intranet site, newsletters, our internal True Blue awards and employee groups. We also encourage and support external recognition through local and national awards
All employees	Non-monetary reward	Efficiency project	Employees are recognized for innovative projects and ideas related to sustainability and climate on the company intranet site, newsletters, our internal True Blue awards and employee groups. We also encourage and support external recognition through local and national awards
Other C-Suite Officer	Non-monetary reward	Emissions reduction project	Examples of this recognition include: (1) AmerisourceBergen was named to Newsweek's Most Responsible Companies list in 2020 (2) Named one of the Best Places to Work for LGBT Equality by the Human Rights Campaign Foundation (3) An honorable mention for the Carolinas Sustainable Business Awards for our LEED Gold certified Kingsley Park II location
Procurement manager	Monetary reward	Environmental criteria included in purchases	Our sourcing teams have performance goals aligned with incorporating environmental sustainability language into RFI/RFPs, contracts, purchasing agreements, etc. The team is incentivized to work with vendors to implement sustainability programs including GHG tracking of business travel; sustainability meeting management practices, and more.
Management group	Monetary reward	Other (please specify) (Combination of initiatives incentivized to reduce energy use and emissions)	In FY2019, AmerisourceBergen's Office of Transformation created a workstream dedicated to expanding and tracking enterprise Environmental Sustainability work, including cost savings. Project team members are incentivized to drive environmental sustainability initiatives forward across the enterprise via a data-driven tracking process with a dedicated program manager.

C2. Risks and opportunities

C2.1

(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?

Yes

C2.1a

(C2.1a) How does your organization define short-, medium- and long-term time horizons?

	From (years)	To (years)	Comment
Short-term	0	1	
Medium-term	1	5	
Long-term	5	100	There is no upper limit on long-term horizons.

C2.1b

(C2.1b) How does your organization define substantive financial or strategic impact on your business?

Substantive financial impacts related to climate change and other risks could include events that would significantly affect our ability to deliver lifesaving medications to our human and animal patients throughout our national and global operations. Identifying, assessing and managing these risks have been fully integrated into multi-disciplinary company-wide processes. Quantifiable indicators for a substantive impact include potential level of business disruption, inventory loss, and number of interested stakeholders.

C2.2

(C2.2) Describe your process(es) for identifying, assessing and responding to climate-related risks and opportunities.

Value chain stage(s) covered

Direct operations

Risk management process

Integrated into multi-disciplinary company-wide risk management process

Frequency of assessment

More than once a year

Time horizon(s) covered

Short-term

Medium-term

Long-term

Description of process

Company level climate-related risks are identified and assessed in our enterprise risk management process by our Board, the Governance, Sustainability and Corporate Responsibility Committee and Executive Management Committee. The Board is informed about, and regularly discusses, ABC's risk profile. Board committees, other than the Finance Committee and Compliance and Risk Committee, are comprised entirely of independent directors. Board-level commitment to ESG-related topics is strengthened by including sustainability on our Boards' skills matrix. Our Board considers specific risk topics throughout the year, including risks related to corporate responsibility and sustainability, climate change, government regulation, information technology, cyber security, strategy, operations, and distribution of controlled substances, among others. The Board's Governance, Sustainability and Corporate Responsibility Committee has primary risk oversight for corporate responsibility and sustainability, including climate change, governance structure and processes, and political engagement among others. The committee reviews and guides the corporate responsibility and sustainability strategy, major plans of actions, risk management policies and monitors implementation and performance of objectives. Corporate officers, including the Chief Communications and Administration Officer and Chief Legal Officer, and senior managers report on risk exposure at regular intervals to the appropriate committee or full Board. To inform enterprise-level risk, climate-related operational and site level risk is assessed and identified through an ESG Oversight Committee, climate-related supply chain risk mapping, sophisticated processes that proactively assess climate-related disruption, ISO certifications standards, and third-party assurance of our corporate responsibility report and GHG emissions. The ESG Oversight Committee is comprised of leadership from across the businesses and corporate functions of ABC, including representation from our executive leadership team and Corporate Secretary. The committee includes divisional and corporate functional leaders from Investor Relations, Legal, Marketing, Operations, Global Business Resilience, Strategy, Procurement, Human Resources and Business Unit Leaders. In order to identify and act upon the climate-related market, acute physical and chronic physical risks as identified in C2.2a, we developed the Global Resilience Program (GBR) to ensure that, by determining the potential size and scope of climate-related risks and any areas of potential substantive impact, ABC can proactively anticipate, prepare for, respond, and adapt to incremental changes and sudden disruptions. The GBR team provides centralized governance, tools, and assurance processes to integrate crisis management, business continuity, and disaster recovery. Through formal Business Continuity Planning, the GBR team ensures that ABC's businesses are equipped to handle potential disruptions from natural disasters or other events that may be related to climate change. An example of this approach is that our Global Watch Center maintains uninterrupted, 24/7/365 situational awareness of all events that could negatively impact ABC's business operations around the world and require a coordinated incident response. The Center uses a wide variety of intelligence gathering and analysis tools and services to monitor our global locations and alert us to hazardous incidents, including climate-related incidents. The information provided by the Center on critical business interruptions helps to inform enterprise-wide risk management decisions, including the management of climate-related risks. We recently engaged a third-party to perform a physical risk assessment of our top 100 assets against the three climate scenarios. This assessment will be utilized to better inform climate-related planning and strategy and help us to prepare for the realities of increased temperatures and more frequent and intense weather events and assess supply chain risks and opportunities related to climate change mitigation and adaptation. We also initiated an environmental sustainability workstream through our Transformation Office. This effort was initiated to drive progress across the enterprise through inspiring and equipping associates with the skills and tools they need to drive forward their environmental sustainability initiatives. The workstream includes team members from across the enterprise from multiple business units, our Corporate Responsibility team, and an executive sponsor. Initiatives in progress focus on energy demand and supply opportunities as well as waste optimization. Our World Courier operations deliver specialty life-saving pharmaceuticals around the world. These operations are affected by environmental and weather conditions that can change daily. As a result, those operations are ISO 14001 certified for environmental management. We continue to review clean energy opportunities that support transition risk associated with clean energy alternatives. Examples of this include our renewable energy target, the purchase of certified RECs, a newly signed 100% renewables supply contract at our Richmond, VA DC, and the completion of two on-site solar arrays at our Phoenix, AZ and Sacramento, CA locations.

Value chain stage(s) covered

Upstream

Risk management process

Integrated into multi-disciplinary company-wide risk management process

Frequency of assessment

Annually

Time horizon(s) covered

Short-term

Medium-term

Long-term

Description of process

As a single source for tens of thousands of products, we help customers in health systems, community practices, independent pharmacies and alternative care settings, ensuring that their patients can access the right products at the right time. AmerisourceBergen's infrastructure is built to enable secure, daily ordering and distribution of millions of healthcare products. Our distribution centers are the nerve center of our network, streamlining logistics for our manufacturer partners and enabling our customers to receive their products quickly and safely. We strategically locate our distribution centers in geographically ideal locations that are not at risk to major storms or potential natural disasters. Our network has been designed to provide backup distribution centers for every distribution center we operate to mitigate business continuity risk associated with weather events. An example of our approach is that we plan and coordinate with our logistics partners to strategically position trucks near areas that may be affected by an approaching weather event and plan with our customers to pre-order medications and supplies. We engage a third party every few years to assess supply chain risks and opportunities related to climate change mitigation and adaptation, highlighting substantive risks and communicating them to key internal stakeholders. These climate-related risks are reflected in our Annual Report on Form 10-K. In addition, we have taken steps to refine the stability of our generics supply chain utilizing a third-party supply chain risk management tool. This tool allows us to identify and address key concerns related to financial, social, environmental and other risk factors. With the insights and data generated by this tool, AmerisourceBergen can make informed decisions to ensure we are sourcing our products from reliable, stable and responsible suppliers. Recognizing opportunities supports the development of valuable upstream partnerships in our supply chain, including our partnership with Healthcare Ready, whose unique relationships with government, non-profit and medical supply chains build and enhance the resiliency of communities before, during and after disasters. We work with many organizations and non-profit partners, including Healthcare Ready, to quickly, safely and efficiently respond to disasters and move in critical supplies. We are continually evolving disaster response strategies to equip additional downstream partners, such as pharmacists, with the tools they need to plan for disaster and climate resilience. This is valuable during times of disaster response when certain drugs may not be readily available. We work with our suppliers and Healthcare Ready to ensure access of delivery of critical medicine.

Value chain stage(s) covered

Downstream

Risk management process

Integrated into multi-disciplinary company-wide risk management process

Frequency of assessment

Annually

Time horizon(s) covered

Short-term

Medium-term

Description of process

We realize our ability to provide drug distribution and niche logistics services to customers could be impacted by climate change and weather events. Therefore, having

systems in place to plan for and stock critical supplies and pharmaceuticals, planning for the safety of our employees and the strength of our relationships with local emergency management authorities can significantly impact our customers and the communities we serve. Our Global Resilience Program (GBR) is designed to ensure that, by determining the potential size and scope of climate-related risks and any areas of potential substantive impact, ABC can proactively anticipate, prepare for, respond, and adapt to incremental changes and sudden disruptions to our customers. The power of developing partnerships, sharing best practices and planning prior to responding to climate-related events and natural disasters cannot be overstated. For example, we communicate with customers in the expected path of extreme weather events to prepare, ordering additional product ahead of time if necessary. We work with many organizations and non-profit partners, including Healthcare Ready, to quickly, safely and efficiently respond to disasters and move in critical supplies. We also work with the US Chamber of Commerce Foundation and provide input and support for the Building Resilience Through Public Private Partnerships Conference. We are continually evolving disaster response strategies to equip additional downstream partners, such as pharmacists, with the tools they need to plan for disaster and climate resilience.

C2.2a

(C2.2a) Which risk types are considered in your organization's climate-related risk assessments?

	Relevance & inclusion	Please explain
Current regulation	Relevant, always included	Our government affairs team meets monthly with the Vice President of Corporate Responsibility and Sustainability to identify and track any state and federal regulatory concerns that could impact our business, including policy developments that attempt to constrain actions that contribute to the adverse effects of climate change or policy developments that seek to promote adaptation to climate change. The Vice President of Corporate Responsibility and Sustainability is a member of the ESG Oversight Committee, comprised of leadership from across the businesses and corporate functions of ABC, including representation from our executive leadership team and Corporate Secretary. The committee includes divisional and corporate functional leaders that work together to determine the relative significance of climate-related risks, including regulatory risks, in relation to other company risks. If a significant regulatory risk were identified, the ESG Oversight Committee would communicate this to the enterprise risk management team, who would evaluate it accordingly. Regarding energy-related regulation and based on our historical energy use and business model, our analysis has shown that energy-related regulations do not currently pose a substantial impact on our business. This does not preclude us, however, from continuing to set renewable energy goals, implement energy efficiency measures at our distribution centers and consider building standards and certifications like LEED when construction opportunities arise. When regulatory concerns do have the ability to impact our business, they are included in enterprise risk management exercises, which include those related to climate-change.
Emerging regulation	Relevant, always included	Our government affairs team meets monthly with the VP of Corporate Responsibility and Sustainability to identify and track any emerging regulatory concerns that could impact our business, including policy developments that attempt to constrain actions that contribute to the adverse effects of climate change or policy developments that seek to promote adaptation to climate change. The VP of Corporate Responsibility and Sustainability is a member of the ESG Oversight Committee, comprised of leadership from across the businesses and corporate functions of ABC, including representation from our executive leadership team and Corporate Secretary. The committee includes divisional and corporate functional leaders that work together to determine the relative significance of climate-related risks, including emerging regulatory risks, in relation to other company risks. If a significant regulatory risk were identified, the Committee would communicate this to the ERM team, who would evaluate it accordingly. Regarding emerging energy regulation, our energy use is tracked in a data management system, and if a concern arises, we have the ability to quickly discern its impact on our business. Regarding emerging plastic-related regulations, we track state and federal requirements for single-use plastics to gauge potential changes in packaging requirements for products delivered through our distribution centers and the impacts they could have on our business. An established team of leaders meets quarterly across the enterprise representing government affairs, corporate responsibility, indirect sourcing, and multiple business units to monitor and assess these emerging regulations. Over the last year, we have transitioned our cold chain shippers to an environmentally friendly packaging option that creates less waste. The totes are reusable and we worked with the supplier to implement a mail back program so totes that have reached their end of life can be recycled into new totes. We replaced standard ice packs with phase change material pillows made from non-toxic, plant-based refrigerant making them safer to dispose at the end of their life, which is longer than those of water-based gel packs. One of our specialty pharmacies utilizes a new natural fiber padding inserted into a cardboard box. The insert can be reused or recycled. We provide educational materials on the new packaging for our customers outlining the new product, how to reuse or recycle it and its benefits.
Technology	Not relevant, explanation provided	Our distribution centers require a supply of dependable, secure, uninterrupted electricity to operate and keep critical medicines at specific temperatures. We stay abreast of emerging technologies related to energy efficiency, renewable energy and storage as they could improve our overall energy use. We also purchase clean energy in many of our locations. However, the risks associated with technological improvements or innovations that support the transition to a lower-carbon and energy-efficient economic system do not have a material impact on our business.
Legal	Not relevant, explanation provided	AmerisourceBergen is not experiencing any climate-related litigation claims. Therefore, this is not relevant.
Market	Relevant, always included	The occurrence of unexpected events, including fires, hurricanes, earthquakes, and floods, could result in physical damage to and complete or partial closure of one or more of distribution centers or outsourcing facilities, temporary or long-term disruption in the supply of products, delay in the delivery of products to our distribution centers, and/or disruption of our ability to deliver products to customers. Further, the long-term effects of climate change on general economic conditions and the pharmaceutical distribution industry in particular are unclear, and changes in the supply, demand or available sources of energy and the regulatory and other costs associated with energy production and delivery may affect the availability or cost of goods and services, including natural resources, necessary to run our businesses. Our Global Resilience Program (GBR) is designed to ensure that, by determining the potential size and scope of climate-related risks and any areas of potential substantive impact, ABC can proactively anticipate, prepare for, respond, and adapt to incremental changes and sudden disruptions. The GBR team provides centralized governance, tools, and assurance processes to integrate crisis management, business continuity, and disaster recovery. Climate-change related risks and any areas of concern related to potential substantive impacts are reviewed annually with this team. Through formal Business Continuity Planning, the GBR team ensures that ABC's businesses are equipped to handle potential disruptions from natural disasters or other events that may be related to climate change. Some of the biggest challenges after a disaster are impassable roads, damaged or destroyed infrastructure and the ability for drivers to safely make critical deliveries. For example, MWI's California region locations worked with several agencies to provide a response to the Camp and Woolsey fires. MWI identified needs and coordinated efforts in collaboration with the California Veterinary Medical Reserve Corps, locating and shipping necessary supplies as the Corps treated burned animals at emergency shelters throughout the state. How we respond to natural disasters is critical. Equally important is our level of emergency preparedness in the event of a disaster. As a resourceful logistics provider, our experience enables us to find alternative solutions that, to the greatest extent possible, guarantee the integrity and delivery deadlines of each shipment.
Reputation	Not relevant, explanation provided	Climate-related reputational risk and our organization's contribution to or detractor from the transition to a lower-carbon economy is not material to our business. However, how we respond to natural disasters is critical. Equally important is our level of emergency preparedness in the event of a disaster. AmerisourceBergen has 35 distribution centers across the country and typically has several weeks of inventory on hand. When a natural disaster looms, we communicate with customers in the expected path to prepare, ordering additional product ahead of time if necessary. Maintaining relationships with organizations that coordinate the flow of products in disaster zones allows us to build relationships across our value-chain and industry, resulting in enhanced response to disasters. During disaster response, we are performing a public service for customers' patients. It is not uncommon to service a competitor's customer or carry their product on a truck delivering to those in need.
Acute physical	Relevant, always included	As a pharmaceutical distributor, we have a responsibility to ensure patient access to vital medications and products every day. When natural disasters and extreme weather events – such as hurricanes, heavy floods, tornadoes and fires – strike, the work of distributors like AmerisourceBergen is crucial. Protecting the supply chain and creating contingency plans for the timely delivery of medications during these times of distress is critical. Our Global Resilience Program (GBR) is designed to ensure that, by determining the potential size and scope of climate-related risks and any areas of potential substantive impact, ABC can proactively anticipate, prepare for, respond, and adapt to incremental changes and sudden disruptions. The GBR team provides centralized governance, tools, and assurance processes to integrate crisis management, business continuity, and disaster recovery. Climate-change related risks and any areas of concern related to potential substantive impacts are reviewed annually with this team. Through formal Business Continuity Planning, the GBR team ensures that ABC's businesses are equipped to handle potential disruptions from natural disasters or other events that may be related to climate change. MWI's California region locations worked with several agencies to provide a response to the Camp and Woolsey fires. MWI identified needs and coordinated efforts in collaboration with the California Veterinary Medical Reserve Corps, locating and shipping necessary supplies as the Corps treated burned animals at emergency shelters throughout the state. Just as we ensure our operations are ready in advance of severe weather, we also help our associates prepare. With hurricane season active in the U.S. from June to October, and an increase in recent years in wildfires and other natural disasters, we developed an Associate Preparedness and Response Guidebook to help our associates prepare themselves and their families for weather-related events before they occur. The guidebook is a downloadable, online reference guide containing critical information and offering step-by-step preparation tips prior to, during, and after a hurricane, blizzard or other weather event, including what items to pack in an emergency kit and how to get ready for mandatory evacuations. The guide also contains the contact information for local services and agencies as well as how to get financial help or other assistance from AmerisourceBergen if impacted by an event.
Chronic physical	Relevant, always included	Longer-term shifts in climate patterns are part of our regular assessment of climate risk and communicated as part of our Enterprise Risk Management process. Chronic physical impacts of a changing climate can include warmer temperatures, or during disasters, a complete lack of refrigeration for periods of time. In the pharmaceutical supply line, cold chain is critical especially for products like insulin that need to be stored within a temperature range to remain effective. This was especially important in Puerto Rico during Hurricane Maria. AmerisourceBergen worked with its customers to find out how long certain products had been outside the ideal temperature range and if the product should be replaced.

C2.3

(C2.3) Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business?

Yes

C2.3a

(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.

Identifier

Risk 1

Where in the value chain does the risk driver occur?

Direct operations

Risk type & Primary climate-related risk driver

Acute physical	Increased severity and frequency of extreme weather events such as cyclones and floods
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Primary potential financial impact

Other, please specify (Decreased revenues due to reduced delivery capacity)

Climate risk type mapped to traditional financial services industry risk classification

<Not Applicable>

Company-specific description

The occurrence of one or more unexpected natural disasters, such as flooding, hurricanes, tornadoes, etc. could adversely affect our operations and/or transportation network.

Time horizon

Long-term

Likelihood

Unlikely

Magnitude of impact

Low

Are you able to provide a potential financial impact figure?

Yes, an estimated range

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

0

Potential financial impact figure – maximum (currency)

50000000

Explanation of financial impact figure

Range of the financial impact is estimated to be the replacement cost of a distribution center.

Cost of response to risk

0

Description of response and explanation of cost calculation

We strategically locate our distribution centers in geographically ideal locations that are not at risk to major storms. Our network has been designed to provide backup distribution centers for every distribution center we operate to mitigate business continuity risk associated with weather events. Before the disaster even strikes, we are in contact with provider customers who reside in the expected path to assess the medication needs of their communities, provide advanced ordering options, and order additional products as needed. We are in contact with provider customers, and we make similar connections with local government agencies prior to a storm's fall to begin planning and coordinating alternative routes for future deliveries. This helps ensure that AmerisourceBergen can identify the best travel routes in a timely manner once a known or anticipated disaster makes landfall. An example of our approach is that we plan and coordinate with our logistics partners to strategically position trucks near areas that may be affected by an approaching weather event and plan with our customers to pre-order medications and supplies. Specifically, five days of rain during Hurricane Harvey resulted in flooded roads and some disaster response organizations looking for alternative delivery solutions. Because of our ability to plan for climate-related events and the use of sophisticated technology and distribution platforms, AmerisourceBergen's distribution center in Dallas was able to cover for our Houston center during the crisis. We work with many organizations and non-profit partners, including Healthcare Ready, to quickly, safely and efficiently respond to disasters and move in critical supplies. We continually evolve disaster response strategies to equip additional downstream partners, such as pharmacists, with the tools they need to plan for disaster and climate resilience. ABC partnered with a third party to perform a Physical Risk Assessment of our top 100 locations. The assessment utilized climate and hazard models to map climate change hazards, overlaid our asset locations with the hazard maps, and adjusted for risk sensitivity and materiality to develop a risk profile and score for the company and our assets. We plan to utilize the results to inform our strategy and incorporate the findings into our Enterprise Risk Management and business continuity programs. Our ERM team has already incorporated climate-related factors into our business risk taxonomy.

Comment

Assessing for this risk does not carry a separate cost to the company outside our standard operating procedures.

Identifier

Risk 2

Where in the value chain does the risk driver occur?

Upstream

Risk type & Primary climate-related risk driver

Acute physical	Other, please specify (Increased likelihood and severity of extreme weather events or natural disasters.)
----------------	--

Primary potential financial impact

Decreased revenues due to reduced production capacity

Climate risk type mapped to traditional financial services industry risk classification

<Not Applicable>

Company-specific description

Extreme weather, natural disasters, and power outages could result in the temporary or long-term disruption in the supply of products.

Time horizon

Long-term

Likelihood

Unlikely

Magnitude of impact

Low

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

We do not have a financial impact figure.

Cost of response to risk

0

Description of response and explanation of cost calculation

As connectors between those who create and those who prescribe and dispense medication, distributors are in a unique role that requires them to maintain open lines of communication with manufacturers and sites of care, such as pharmacies, hospitals or physician practices. When facing a natural disaster, that responsibility becomes even more critical to prevent any disruption of services. AmerisourceBergen collaborates with provider customers who reside within the expected path before the disaster even hits to assess the medication needs of their communities, provide advanced ordering options, and order additional products as needed. ABC's distribution centers are strategically located in geographically ideal locations that are not at risk to major storms. Our own distribution network has been designed to provide backup distribution centers for every distribution center we operate. This strategy supports our business continuity planning processes, and our ability to continue to serve our customers and their patients during events like natural disasters and climate-related events. Power outages can be one of the largest barriers to patient care during a natural disaster, especially considering the steady rise in temperature-controlled therapies that require refrigeration. AmerisourceBergen works with their partners to prepare contingency plans to ensure these costly and highly sensitive products are not compromised. For example, we leverage refrigerated trailers and on-site backup generators, as necessary, at our distribution centers to safeguard medicines, so they remain viable in the event of a long-term power outage. Inaccessible or blocked roads as a result of flooding, debris, or stalled traffic also present major obstacles in getting critical medical supplies to the patients who need them. ABC proactively plans for alternate transportation methods and delivery routes; we coordinate with our logistics partners to strategically position trucks near areas that may be affected by an approaching weather event and plan with our customers to pre-order medications and supplies. Specifically, five days of rain during Hurricane Harvey resulted in flooded roads and some disaster response organizations looking for alternative delivery solutions. Because of our ability to plan for climate-related events and the use of sophisticated technology and distribution platforms, ABC's distribution center in Dallas was able to cover for our Houston center during the crisis.

Comment

Our distribution network has been designed to provide backup distribution centers for every distribution center we operate. This strategy supports our business continuity planning processes, and our ability to continue to serve our customers and their patients during events like natural disasters and climate-related events. Assessing for this risk does not carry a separate cost to the company outside our standard operating procedures.

Identifier

Risk 3

Where in the value chain does the risk driver occur?

Direct operations

Risk type & Primary climate-related risk driver

Acute physical	Increased likelihood and severity of wildfires
----------------	--

Primary potential financial impact

Other, please specify (Reduced revenue and higher costs from negative impacts on workforce (e.g., health, safety, absenteeism))

Climate risk type mapped to traditional financial services industry risk classification

<Not Applicable>

Company-specific description

Increases in extreme weather events, such as wildfires, could result in the significant negative impacts to the health and safety of our associates.

Time horizon

Long-term

Likelihood

Unlikely

Magnitude of impact

Low

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

115000

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

AmerisourceBergen maintains an associate assistance fund to help associates in times of catastrophic life events or disasters. The financial spend of this fund is publicly available as a 501C3. The estimated spend in FY19 was approximately \$115K.

Cost of response to risk

0

Description of response and explanation of cost calculation

Maintaining critical operations in the face of a potential natural disaster is paramount to sustaining our business. But functionality is only achievable by first ensuring the safety and security of our associates. The AmerisourceBergen Associate Assistance Fund is a non-profit charitable organization established in 2012 to provide financial assistance to our associates and their families who are victims of natural disasters (e.g., fire, tornado, floods, etc.) or who are facing severe financial hardships. Importantly, it is solely funded by our associates, who opt in by contributing between \$1 to \$10 per paycheck. In FY 2019, the AAF provided over \$115,000 in funding to nearly 60 associates in need. This included support for those impacted by the Camp Wildfires in California in the form of \$1,000 preventative evacuation grants as well as support for impacted associates. In addition to providing financial support to our associates in their time of need, we also developed an Associate Preparedness and Response Guidebook to help our associates prepare themselves and their families for weather-related events before they occur. The guidebook is a downloadable, online reference guide containing critical information and offering step-by-step preparation tips prior to, during, and after a hurricane, blizzard or other weather event, including what items to pack in an emergency kit and how to get ready for mandatory evacuations. The guide also contains the contact information for local services and agencies as well as how to get financial help or other assistance from AmerisourceBergen if impacted by an event. Additionally, AmerisourceBergen partnered with a third party to perform a Physical Risk Assessment of our top 100 locations across the globe. The analysis considered our geographic location at a granular level as well as the total asset value to better weigh the risk level and scoring. The assessment utilized climate modelling and hazard models to map climate change hazards, overlaid our asset locations with the hazard maps, and adjusted for risk sensitivity and materiality to develop a physical risk profile and score for the company and our assets. We plan to utilize the results of the assessment to better inform our strategy and incorporate the findings into our Enterprise Risk Management and business continuity programs. Our Enterprise Risk Management team has already incorporated climate-related factors into our business risk taxonomy.

Comment

This is managed as part of standard operating procedures. There is no additional cost for this specific climate-related risk.

Identifier

Risk 4

Where in the value chain does the risk driver occur?

Downstream

Risk type & Primary climate-related risk driver

Acute physical	Increased likelihood and severity of wildfires
----------------	--

Primary potential financial impact

Other, please specify (Decreased revenues due to inability to access customers.)

Climate risk type mapped to traditional financial services industry risk classification

<Not Applicable>

Company-specific description

Increases in extreme weather events, such as wildfires, could result in the disruption of our ability to deliver products to customers.

Time horizon

Long-term

Likelihood

Unlikely

Magnitude of impact

Low

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure**Cost of response to risk**

0

Description of response and explanation of cost calculation

As connectors between those who create and those who prescribe and dispense medication, AmerisourceBergen is in a unique role that requires them to maintain open lines of communication with manufacturers and sites of care, such as pharmacies, hospitals or physician practices. When facing a natural disaster, that responsibility becomes even more critical to prevent any disruption of services. AmerisourceBergen begins collaborating with provider customers who reside within the expected path before the disaster even hits to assess the medication needs of their communities, provide advanced ordering options, and order additional products as needed. Inaccessible or blocked roads as a result of flooding, debris, or stalled traffic also present major obstacles in getting critical medical supplies to the patients who need them. Anticipating potential delays, we proactively plan for alternate transportation methods and delivery routes. In the most extreme instances, we may mobilize durable vehicles with the ability to withstand floodwaters, or even airlift critical supplies to reach impacted areas. In the past, ABC has activated dedicated ground teams within impacted areas to prioritize deliveries via local couriers, government organizations, and the military. As a part of this process, we work with state officials to obtain travel authorizations for roads that are closed or restricted to the general public due to a declared state of emergency, enabling us to deliver essential products to hospitals, pharmacies, and other health care providers using the fastest routes possible. Additionally, ABC make similar connections with local government agencies prior to a storm's fall to begin planning and coordinating alternative routes for future deliveries. This helps ensure that we can identify the best travel routes in a timely manner once a known or anticipated disaster makes landfall. ABC partnered with a third party to perform a Physical Risk Assessment of our top 100 locations. The assessment utilized climate and hazard models to map climate change hazards, overlaid our asset locations with the hazard maps, and adjusted for risk sensitivity and materiality to develop a risk profile and score for the company and our assets. We plan to utilize the results to inform our strategy and incorporate the findings into our Enterprise Risk Management and business continuity programs. Our ERM team has already incorporated climate-related factors into our business risk taxonomy.

Comment

C2.4

(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?

Yes

C2.4a

(C2.4a) Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.

Identifier

Opp1

Where in the value chain does the opportunity occur?

Upstream

Opportunity type

Energy source

Primary climate-related opportunity driver

Use of supportive policy incentives

Primary potential financial impact

Reduced indirect (operating) costs

Company-specific description

Fuel economy standards are in place around the world with the purpose of reducing energy consumption by increasing the fuel economy of vehicles. This may provide some benefits for AmerisourceBergen through fuel savings with third-party transportation partners and aid in fuel reductions of our entire supply chain. Ultimately, this could reduce operating costs and our reliance on fossil fuels

Time horizon

Long-term

Likelihood

More likely than not

Magnitude of impact

Low

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

We cannot predict the financial impact.

Cost to realize opportunity

0

Strategy to realize opportunity and explanation of cost calculation

Our business units do not have company-owned long-haul trucking fleets. Our strategy to identify opportunities for fuel savings is to work with our third-party transportation partners to reduce fuel costs and greenhouse gas emissions associated with our distribution activities. As an example, in FY 2019, we piloted a project with a courier in Georgia to optimize their delivery network. This optimization includes our deliveries as well as their other customers', with the goal to cut expenses by reducing routes and miles driven. Through this pilot, we have been able to reduce approximately 1,000 daily miles driven over 86 routes. In addition, our World Courier business piloted a Zero Emission Electric Vehicle (ZEEV) program in Frankfurt, Germany, switching from diesel to electric vehicles. This program will directly contribute to reductions in fuel consumption and lower our reliance on fossil fuels.

Comment

Fluctuation of fuel costs and other factors in changing sectors make it difficult to assign a potential savings number. We do, however, continue to evaluate and track this opportunity. Realizing this opportunity does not carry a separate cost to the company outside our standard operating procedures.

Identifier

Opp2

Where in the value chain does the opportunity occur?

Direct operations

Opportunity type

Resource efficiency

Primary climate-related opportunity driver

Use of more efficient production and distribution processes

Primary potential financial impact

Increased revenues resulting from increased production capacity

Company-specific description

Implementing efficiency projects for continuous improvement such as conveyor system efficiencies gained through hardware or software upgrades creates a more efficient production and distribution process.

Time horizon

Medium-term

Likelihood

Likely

Magnitude of impact

Low

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

We presume the potential financial impact to be low.

Cost to realize opportunity

0

Strategy to realize opportunity and explanation of cost calculation

Our strategy to realize efficiency opportunities includes performance goals for the leaders of our pharmaceutical distribution centers aligned with identifying and, where possible, implementing efficiency projects for continuous improvement to address climate change, including conveyor system efficiencies gained through hardware or software upgrades. An example of this includes a newly established partnership with an energy optimization company who performed a lighting upgrade, working with the building owners to implement the efficiency improvement, estimated to save 64.5% on lighting costs annually. This team was recognized for their efforts through our internal AmerisourceBergen rewards program, True Blue. In addition, we track our energy consumption and efficiency initiatives in our data management system, SoFi, and periodically review the information for opportunities for efficiency gains. Also, we recently convened a multi-stakeholder group as part of the Environmental Sustainability Workstream, which was created to drive progress towards our environmental sustainability commitments. This team includes members from across the business, coming together to identify and implement initiatives across the enterprise.

Comment

Realizing this opportunity does not carry a separate cost to the company outside our standard operating procedures.

Identifier

Opp3

Where in the value chain does the opportunity occur?

Downstream

Opportunity type

Resilience

Primary climate-related opportunity driver

Other, please specify (More resilient infrastructure)

Primary potential financial impact

Other, please specify (Increased reliability of supply chain and ability to operate under various conditions)

Company-specific description

Our ability to provide drug distribution and niche logistics services to customers could be impacted by climate-change and weather events. Therefore, having systems in place to plan for and stock critical supplies and pharmaceuticals, planning for the safety of our employees and the strength of our relationships with local emergency management authorities can significantly impact our customers and the communities we serve.

Time horizon

Medium-term

Likelihood

Likely

Magnitude of impact

Medium-low

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

Value derived is reputational value, for which we cannot assign a numerical figure.

Cost to realize opportunity

0

Strategy to realize opportunity and explanation of cost calculation

Our ability to provide drug distribution and niche logistics services to customers could be impacted by climate-change and weather events. Our strategy to manage this includes having systems in place to plan for and stock critical supplies and pharmaceuticals, planning for the safety of our employees and the strength of our relationships with local emergency management authorities can significantly impact our customers and the communities we serve. For example, our Global Resilience Program (GBR) was designed to ensure that, by determining the potential size and scope of climate-related risks and any areas of potential substantive impact, ABC can proactively anticipate, prepare for, respond, and adapt to incremental changes and sudden disruptions.. An example of this approach is that we plan and coordinate with our logistics partners to strategically position trucks near areas that may be affected by an approaching weather event and plan with our customers to pre-order medications and supplies. Specifically, five days of rain during Hurricane Harvey resulted in flooded roads and some disaster response organizations looking for alternative delivery solutions. Because of our ability to plan for climate-related events and the use of sophisticated technology and distribute on platforms, AmerisourceBergen's distribution center in Dallas was able to cover for our Houston center during the crisis. In response to the Camp wildfires in California, MWI identified needs and coordinated efforts in collaboration with the California Veterinary Medical Reserve Corps, locating and shipping necessary supplies as the Corps treated burned animals at emergency shelters throughout the state. As a resourceful logistics provider, our experience enables us to find alternative solutions that, to the greatest extent possible, guarantee the integrity and delivery deadlines of each shipment.

Comment

We work with many organizations and non-profit partners, including Healthcare Ready, to quickly, safely and efficiently respond to disasters and move in critical supplies. We are continually evolving disaster response strategies to equip additional downstream partners, such as pharmacists, with the tools they need to plan for disaster and climate resilience. Realizing this opportunity does not carry a separate cost to the company outside our standard operating procedures.

C3. Business Strategy**C3.1****(C3.1) Have climate-related risks and opportunities influenced your organization's strategy and/or financial planning?**

Yes

C3.1a**(C3.1a) Does your organization use climate-related scenario analysis to inform its strategy?**

Yes, qualitative

C3.1b**(C3.1b) Provide details of your organization's use of climate-related scenario analysis.**

Climate-related scenarios and models applied	Details
RCP 2.6 RCP 4.5 RCP 8.5	AmerisourceBergen partnered with a third party to perform a Physical Risk Assessment of our top 100 locations across the globe. The analysis considered our geographic location at a granular level as well as the total asset value to better weigh the risk level and scoring. The assessment utilized climate modelling and hazard models to map climate change hazards, overlaid our asset locations with the hazard maps, and adjusted for risk sensitivity and materiality to develop a physical risk profile and score for the company and our assets. The analysis quantified and scored our company's risk exposure across seven climate hazard indicators – such as heatwave, wildfires, hurricanes, etc. – and utilized the three climate scenarios – Low (RCP 2.6), Moderate (RCP 4.5), and High (RCP 8.5). The time horizons considered were 2020 (as a baseline), 2030 (medium term), and 2050 (long term). The analysis results showed our overall risk exposure to be moderate, with wildfires being our most significant risk indicator across our locations. We plan to utilize the results of the assessment to better inform our strategy and incorporate the findings into our Enterprise Risk Management and business continuity programs. Our Enterprise Risk Management team has already incorporated climate-related factors into our business risk taxonomy. We also partnered with a local university's graduate students to perform an analysis of our historical greenhouse gas emissions and assess the work we are doing to better inform our decision-making regarding a reduction goal. This analysis assessed our emissions, and ongoing efficiency and reduction efforts and recommended three potential reduction targets utilizing our existing renewable energy goal, and the Science-based Target methods (2 degrees and 1.5 degrees). We will use this analysis to help set our next target. Together these two analyses will be utilized to inform our climate strategy by influencing our next goals/targets, inspiring a proactive approach at strategic locations at higher risk exposure, and further informing our future business decisions.

(C3.1d) Describe where and how climate-related risks and opportunities have influenced your strategy.

	Have climate-related risks and opportunities influenced your strategy in this area?	Description of influence
Products and services	Yes	Our ability to create products and services that impact the health care supply chain by providing energy-efficient or sustainable features directly impacts our business as this provides a competitive advantage for us. Engaging with our suppliers and customers on climate-related risks and opportunities is an important part of how we do business and deliver products and services that align with our shared values of social and environmental responsibility. The time horizon we look at is medium term, but at the highest level this may also be influenced by the inclusion of climate in our ERM program. One solution for patients receiving specialty medication is Cubixx, a next-generation storage and inventory management solution that uses less energy and decreases overall operating costs. The magnitude of this impact on our business is low; however, we enable our customers to minimize their own carbon footprint. Although individual savings are small, the efficiency gains across the healthcare supply chain are significant. Cubixx units leverage a unique partnership between ABC and Phononic, whose Evolve™ refrigeration technology allows Cubixx refrigeration systems to move heat through a solid-state heat pump and natural refrigerant, which creates a uniformly cold chamber for specialty pharmaceutical storage. The technology uses just 40 watts of power –less than a single lightbulb. By reducing energy costs while still ensuring that medication remains fresh, more patients will be able to properly store their medication in their homes at a lower cost. We frequently support our customers with identifying and assessing ways we can offer them more sustainable products and services. Our MWI business partnered with a customer to operationalize an order consolidation process, reducing the number of shipments, saving packaging materials, and reducing transportation-related emissions. We continue to work with customers and internally to make efficiency improvements and incorporate best practices in our standard procedures. Our World Courier business partnered with a customer to identify an alternative packaging solution to polystyrene coolers to move their product long distances. World Courier's Cocoon –a reusable passive packaging solution– eliminated the need for polystyrene coolers, reduced warehouse requirements, fulfillment time, waste, and shipping-related emissions.
Supply chain and/or value chain	Yes	The occurrence of unexpected natural disasters or other forms of severe weather in the U.S. has the potential to impact our operations and/or transportation network by disrupting our ability to deliver life-saving medications. The magnitude of this impact on our business is low as ABC's distribution centers are located in geographically ideal locations that are not at risk to major storms. The time horizon consider for this area is long term, but at the highest level this may also be influenced by the inclusion of climate in our ERM program. As a pharmaceutical distributor, ABC plays a daily role in maintaining a complex supply chain, working as a link between manufacturers and healthcare providers. Our distribution centers service more than 50,000 healthcare facilities nationwide and are located in geographically ideal locations to mitigate risk of climate-related supply chain disruptions. ABC utilizes a third-party vendor to monitor certain categories of suppliers on compliance matters and other social, environmental or ethical incidents. If an issue arises, it is escalated to ABC management to determine the appropriate course of action and partners with the vendor to determine a remediation plan. In addition, ABC has robust processes in place for our private label products. During natural disasters, ABC leverages its network of distribution centers, couriers, associates and supply chain and value chain partners to ensure healthcare providers gain access to critical pharmaceutical products. We offer advanced ordering to ensure customers have adequate supplies throughout storms. Our distribution centers also provide shelter for employees and their families if needed. MWI's California region locations worked with several agencies to provide a response to the Camp and Woolsey fires. MWI identified needs and coordinated efforts in collaboration with the California Veterinary Medical Reserve Corps, locating and shipping necessary supplies as the Corps treated burned animals at emergency shelters throughout the state. How we respond to natural disasters is critical. Equally important is our level of emergency preparedness in the event of a disaster. As a resourceful logistics provider, our experience enables us to find alternative solutions that, to the greatest extent possible, guarantee the integrity and delivery deadlines of each shipment.
Investment in R&D	Yes	Demands for the materials required to produce time- and temperature-sensitive transport are increasing. The impact of this on our business resulted in the development of our subsidiary, World Courier, to create CORE Labs, both a physical laboratory (located in Cologne, Germany), and the amassed knowledge of experts throughout our global network. Researchers use a state-of-the-art climate chamber to validate the quality and applicability of all our temperature-controlled solutions. Their data, backed by decades of field expertise, allow our associates to tailor recommendations regarding the right packaging for the right transport route based on transparent testing. As a result of R&D activities, in 2016 World Courier unveiled an industry innovation called "Cocoon," a cost-effective, lighter-packaging solution. With Cocoon technology, shipments maintain temperatures up to 40% longer than comparable products and weigh up to 30% less. This reduces fuel use and total shipment costs, while still ensuring shipment stability and security. The magnitude of this impact on our business is low; however, we enable our customers to minimize their carbon footprint. The total impacts of reduced emissions across the healthcare supply chain as a result of this innovation are significant. We consider this area on a long-term time horizon in our strategy decisions, but at the highest level this may also be influenced by the inclusion of climate in our ERM program. In many of our businesses, we've eliminated plastics from our packaging and transitioned to equally or more effective paper products. In one distribution center, our associates launched a continuous improvement project focused on redesigning a packaging solution to eliminate bubble wrap. Through an iterative engagement and design process, associates collaborated with the vendor's engineers to develop a solution tailored to the specifics of the distribution center's operations. The solution is made from 75% of recycled paper and designed to prevent damages caused by internal impact. The paper rolls around the product and the bundles take up less space than other petroleum-based packaging. By locking the angled cells together, items are firmly wrapped and no tape or glue is needed. One roll of paper is 3,360 feet of packaging, compared to bubble wrap at 750 feet per roll.
Operations	Yes	Natural disasters and climate-related events could impact our operations by affecting our ability to deliver life-saving medications. The magnitude of this impact on our business is low as ABC's distribution centers are located in geographically ideal locations that are not at risk to major storms. We consider this area on a long-term time horizon, but at the highest level this may also be influenced by the inclusion of climate in our ERM program. The development of the Global Resilience Program (GBR) helps to ensure that, by determining the potential size and scope of climate-related risks and any areas of potential substantive impact, ABC can proactively anticipate, prepare for, respond and adapt to incremental changes and sudden disruptions. The GBR team provides centralized governance, tools, and assurance processes to integrate crisis management, business continuity, and disaster recovery. Through formal Business Continuity Planning, the GBR team ensures that ABC's businesses are equipped to handle potential disruptions from natural disasters or other events that may be related to climate change. ABC leverages its network of distribution centers, couriers and associates to ensure healthcare providers – particularly hospitals – gain access to critical pharmaceutical products. After Hurricane Harvey made landfall in Texas, our transportation team identified alternative routes and delivery methods, such as airlifting supplies or using vehicles capable of navigating high-standing waters, to reach hospitals in the Houston metro area. Additionally, about a week before Hurricane Irma reached Florida, our associates reached out to hospitals and offered advanced ordering options and recommendations for when and how much product to order to ensure they had an adequate supply throughout the storm. MWI's California region locations worked with several agencies to provide a response to the Camp and Woolsey fires. MWI identified needs and coordinated efforts in collaboration with the California Veterinary Medical Reserve Corps, locating and shipping necessary supplies as the Corps treated burned animals at emergency shelters throughout the state. As a resourceful logistics provider, our experience enables us to find alternative solutions that, to the greatest extent possible, guarantee the integrity and delivery deadlines of each shipment.

(C3.1e) Describe where and how climate-related risks and opportunities have influenced your financial planning.

	Financial planning elements that have been influenced	Description of influence
Row 1	Revenues Direct costs Indirect costs Capital expenditures Capital allocation Acquisitions and divestments Access to capital Assets Liabilities	<p>REVENUES: Our Global Resilience Program (GBR) is designed to ensure that, by determining the potential size and scope of climate-related risks and any areas of potential substantive impact, ABC can proactively anticipate, prepare for, respond, and adapt to incremental changes and sudden disruptions. Continued work on the GBR program is a consideration during our annual financial planning processes based on business continuity and disaster preparedness risks and opportunities. The magnitude of this impact is assumed to be medium. DIRECT COSTS: Maintaining critical operations in the face of a potential natural disaster is paramount to sustaining our business. But functionality is only achievable by first ensuring the safety and security of our associates. That is why we have the AmerisourceBergen Associate Assistance Fund – a non-profit charitable organization established in 2012 to provide financial assistance to our associates and their families who are victims of natural disasters (e.g., fire, tornado, floods, etc.) or who are facing severe financial hardships. Importantly, it is solely funded by our associates, who opt in by contributing between \$1 to \$10 per paycheck. In FY 2019, the AAF provided over \$115,000 in funding to nearly 60 associates in need. This included support for those impacted by the Camp Wildfires in California in the form of \$1,000 preventative evacuation grants as well as support for impacted associates. In addition to providing financial support to our associates in their time of need, we also developed an Associate Preparedness and Response Guidebook to help our associates prepare themselves and their families for weather-related events before they occur. The guidebook is a downloadable, online reference guide containing critical information and offering step-by-step preparation tips prior to, during, and after a hurricane, blizzard or other weather event, including what items to pack in an emergency kit and how to get ready for mandatory evacuations. The guide also contains the contact information for local services and agencies as well as how to get financial help or other assistance from AmerisourceBergen if impacted by an event. We work across our distribution network to conduct energy audits and use the findings from these audits to develop energy efficiency best practices training that is given to our maintenance teams at all distribution centers. Teams across the network continue to implement these best practices and find savings in both energy and operating costs. We recently launched an enterprise-wide Environmental Sustainability Workstream in coordination with our Transformation Office and Facilities team. This program will help ignite and incentivize associates across our businesses to identify and implement efficiency projects that not only reduce our operating costs, but also increase our sustainability and address potential climate risk by lowering our carbon footprint. The workstream includes a cross-functional team from multiple parts of the business, working together to identify opportunities in energy efficiency and supply, as well as waste optimization and efficiency. INDIRECT COSTS: AmerisourceBergen takes into consideration climate-related risks and opportunities when considering indirect costs. While the magnitude of the impact of this is low, we have developed operational incentives into our financial planning. Our carbon management database, SoFi, helps us measure the ROI and long-term effect of emission reductions by tracking ROI and operational intensity factors. Wherever we can, we look for ways to reduce our operating costs by reducing energy consumption and related greenhouse gas emissions. For example, we have seen operational energy savings at our distribution centers (DC's) through retrofits in lighting, HVAC, conveyor equipment, motion sensors, and dock seals. One area in which we have a significant opportunity to minimize our footprint while reducing operating costs is in the construction of our facilities. Many of the sustainability considerations in our building guidelines encourage the use of products and materials for which life-cycle information is available, preferring those with environmentally, economically and socially preferable impacts. We seek options to source new products manufactured from recycled materials, those that are ENERGY STAR qualified, and products which identify responsible end-of-life management processes. We have achieved LEED Certification at several of our sites, including LEED Silver and LEED Gold facilities at our Lash Groups Fort Mill, SC locations, and our newly constructed, LEED Silver corporate office facility in Carrollton, TX. CAPITAL EXPENDITURES: Climate-related risks and opportunities have been integrated in the budgeting and project investment process for many years. Several roofs were fully or partially replaced, many of which are now white roofs. In addition, we continue to invest in renewable energy, with a newly constructed roof top solar array on our newest distribution center in Phoenix, AZ and a recently completed solar PPA at our Sacramento, CA DC. One area in which we have a significant opportunity to minimize our footprint is in the construction of our facilities. Many of the sustainability considerations in our building guidelines encourage the use of products and materials for which life-cycle information is available, preferring those with environmentally, economically and socially preferable impacts. We seek options to source new products manufactured from recycled materials, those that are ENERGY STAR qualified, and products which identify responsible end-of-life management processes. We have achieved LEED Certification at several of our sites, including LEED Silver and LEED Gold facilities at our Lash Groups Fort Mill, SC locations, and our newly constructed, LEED Silver corporate office facility in Carrollton, TX. CAPITAL ALLOCATION: For many years, our capital allocation process has incorporated climate-related risks and opportunities into our financial planning process as evidenced by our continued investments in energy efficiency and building upgrades, conveyor systems and related technologies, and data tracking and reporting. The magnitude of the impact of this on our business is low. To offset capital expenditures, we work with utility companies to identify energy efficiency and sustainability projects for which there is the opportunity to receive a rebate from the utility. By seeking these opportunities, we can implement more sustainability projects that require a capital allocation across our network. ACQUISITIONS AND DIVESTMENT, ACCESS TO CAPITAL, ASSETS, LIABILITIES: The risks and opportunities we have defined have not had an impact on any acquisitions or divestments, access to capital, assets or liabilities.</p>

C3.1f

(C3.1f) Provide any additional information on how climate-related risks and opportunities have influenced your strategy and financial planning (optional).

AmerisourceBergen's business objectives and strategy have been influenced by climate-related issues. Our company Purpose at AmerisourceBergen (ABC) is: we are united in our responsibility to create healthier futures. We recognize that the economic, social and physical environments in which our company operates are integral to our ability to deliver better patient outcomes.

Our Purpose becomes increasingly evident in the event of climate-related issues such as severe weather events or natural disasters. Through our Global Business Resilience team, we continue to be prepared to remain operational in the event of a disaster so that we may continue to serve our patients and customers. We are implementing a phased approach to Business Continuity Planning to ensure that ABC's network is equipped to handle potential disruptions from natural disasters or other aspects that may be related to climate change. We work with local authorities during weather emergencies to continue to deliver lifesaving medication and emergency supplies to both human and animal patients.

As connectors between those who create and those who prescribe and dispense medication, pharmaceutical distributors are in a unique role that requires them to maintain open lines of communication with manufacturers and sites of care, such as pharmacies, hospitals or physician practices. When facing a natural disaster, that responsibility becomes even more critical to prevent any disruption of services. AmerisourceBergen collaborates with provider customers who reside within the expected path before the disaster even hits to assess the medication needs of their communities, provide advanced ordering options, and order additional products as needed. Additionally, we make similar connections with local government agencies prior to a storm's fall to begin planning and coordinating alternative routes for future deliveries. This helps ensure that we can identify the best travel routes in a timely manner once a known or anticipated disaster makes landfall.

ABC's distribution centers are located in geographically ideal locations that are not at risk to major storms. Our own distribution network has been designed to provide backup distribution centers for every distribution center we operate. This strategy supports our business continuity planning processes, and our ability to continue to serve our customers and their patients during events like natural disasters and climate-related events. In the face of climate-related events, supply chain localization is critical to ensure the ongoing delivery of life-saving medications. Mitigating risks associated with global supply chain/risk management by focusing on our ability to serve our local communities has influenced our core purpose and the strong partnerships we have built throughout our supply chain. This includes our partnership with Healthcare Ready, whose unique relationships with government, non-profit and medical supply chains build and enhance the resiliency of communities before, during and after disasters.

Our business strategy is built from our Purpose that we are united in our responsibility to create healthier futures. This extends to where our associates live and work and our ability to minimize the impact of our own operations. We have set a target for on-site generation of renewable energy, implemented practices that reduce energy use and waste as well as packaging innovations, invested in two solar energy projects and sustainable building infrastructure, including new LEED certified office spaces. All of these activities directly support not only our renewable energy target, but incorporating LEED certification into our building portfolio means lessening our impact on the environment through energy efficiency, water use reduction and waste optimization strategies, as well as creating a working environment that supports human health.

Any substantial business decisions made at ABC are linked to our purpose. Substantive financial impacts related to climate change and other risks could include events that would significantly affect our ability to live out our purpose through the delivery of lifesaving medications to our human and animal patients throughout our national and global operations, especially when facing natural disasters. Identifying, assessing and managing these risks has been fully integrated into multi-disciplinary company-wide processes, leading to the creation of our Global Watch Center and Global Business Resilience team. Our Global Resilience Program (GBR) is designed to ensure that, by determining the potential size and scope of climate-related risks and any areas of potential substantive impact, ABC can proactively anticipate, prepare for, respond, and adapt to incremental changes and sudden disruptions. For example, power outages can be one of the largest barriers to patient care during a natural disaster, especially considering the steady rise in temperature-controlled therapies that require refrigeration. Knowing this, distributors work with their partners to prepare contingency plans to ensure these costly and highly sensitive products are not compromised. At AmerisourceBergen, we leverage refrigerated trailers and on-site backup generators, as necessary, at our distribution centers to safeguard medicines, so they remain viable in the event of a long-term power outage.

The power of developing partnerships, sharing best practices and planning prior to responding to climate-related events and natural disasters cannot be overstated. For example, we communicate with customers in the expected path of extreme weather events to help them prepare, ordering additional product ahead of time if necessary. We also have developed relationships with many organizations and non-profit partners, including Healthcare Ready, to quickly, safely and efficiently respond to disasters and move in critical supplies. We are continually evolving disaster response strategies to equip additional downstream partners, such as pharmacists, with the tools they need to plan for disaster and climate resilience. We also work with the US Chamber of Commerce Foundation.

C4. Targets and performance

C4.1

(C4.1) Did you have an emissions target that was active in the reporting year?

Absolute target

C4.1a

(C4.1a) Provide details of your absolute emissions target(s) and progress made against those targets.

Target reference number

Abs 1

Year target was set

2018

Target coverage

Company-wide

Scope(s) (or Scope 3 category)

Scope 2 (location-based)

Base year

2016

Covered emissions in base year (metric tons CO2e)

85011.49

Covered emissions in base year as % of total base year emissions in selected Scope(s) (or Scope 3 category)

100

Target year

2020

Targeted reduction from base year (%)

3

Covered emissions in target year (metric tons CO2e) [auto-calculated]

82461.1453

Covered emissions in reporting year (metric tons CO2e)

86713.86

% of target achieved [auto-calculated]

-66.750584734683

Target status in reporting year

Underway

Is this a science-based target?

No, but we anticipate setting one in the next 2 years

Please explain (including target coverage)

Regarding our 2020 target year, please note this goal does not include any REC purchases and is specifically for on-site generation at an ABC facility. We continually look for ways to invest in clean energy. We set a goal to consume 2-3% of our electricity from on-site renewable sources by FY2020. And we are actively pursuing that goal with a 2.27 megawatt solar installation at our Sacramento, California distribution center and another similar project in Phoenix, Arizona. We continue to assess our portfolio for additional on-site renewable opportunities.

C4.2

(C4.2) Did you have any other climate-related targets that were active in the reporting year?
No other climate-related targets

C4.3

(C4.3) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.
Yes

C4.3a

(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	20	2522.42
To be implemented*	14	1650.95
Implementation commenced*	14	4283.42
Implemented*	38	1876.5
Not to be implemented	0	0

C4.3b

(C4.3b) Provide details on the initiatives implemented in the reporting year in the table below.

Initiative category & Initiative type

Energy efficiency in buildings	Lighting
--------------------------------	----------

Estimated annual CO2e savings (metric tonnes CO2e)

1054

Scope(s)

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

147000

Investment required (unit currency – as specified in C0.4)

316743

Payback period

1-3 years

Estimated lifetime of the initiative

16-20 years

Comment

These figures are estimated based on savings projections and engineering analyses.

Initiative category & Initiative type

Energy efficiency in buildings	Heating, Ventilation and Air Conditioning (HVAC)
--------------------------------	--

Estimated annual CO2e savings (metric tonnes CO2e)

298

Scope(s)

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

34925

Investment required (unit currency – as specified in C0.4)

490000

Payback period

11-15 years

Estimated lifetime of the initiative

11-15 years

Comment

These figures are estimated based on savings projections and engineering analyses.

Initiative category & Initiative type

Energy efficiency in buildings	Other, please specify (more efficient refrigeration/freezer equipment)
--------------------------------	--

Estimated annual CO2e savings (metric tonnes CO2e)

139

Scope(s)

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

15717

Investment required (unit currency – as specified in C0.4)

231380

Payback period

11-15 years

Estimated lifetime of the initiative

6-10 years

Comment

These figures are estimated based on savings projections and engineering analyses.

Initiative category & Initiative type

Energy efficiency in production processes	Compressed air
---	----------------

Estimated annual CO2e savings (metric tonnes CO2e)

102

Scope(s)

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

34820

Investment required (unit currency – as specified in C0.4)

7700

Payback period

<1 year

Estimated lifetime of the initiative

1-2 years

Comment

These figures are estimated based on savings projections and engineering analyses.

Initiative category & Initiative type

Energy efficiency in production processes	Other, please specify (conveyor energy management)
---	--

Estimated annual CO2e savings (metric tonnes CO2e)

245

Scope(s)

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

34631

Investment required (unit currency – as specified in C0.4)

23827

Payback period

<1 year

Estimated lifetime of the initiative

1-2 years

Comment

These figures are estimated based on savings projections and engineering analyses.

Initiative category & Initiative type

Company policy or behavioral change	Other, please specify (Employee Engagement)
-------------------------------------	---

Estimated annual CO2e savings (metric tonnes CO2e)

38

Scope(s)

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

4770

Investment required (unit currency – as specified in C0.4)

1000

Payback period

<1 year

Estimated lifetime of the initiative

<1 year

Comment

These figures are estimated based on savings projections and engineering analyses.

C4.3c

(C4.3c) What methods do you use to drive investment in emissions reduction activities?

Method	Comment
Compliance with regulatory requirements/standards	Methods used to drive investment in emissions reduction activities include World Courier's, International Organization for Standardization (ISO) certifications: 9001 for quality management and 14001 for environmental management. Our formal continuous improvement programs focus on minimizing energy consumption by promoting energy efficiency through energy efficient lighting, lower impact refrigerants in HVAC (heating, ventilation and air conditioning) systems, oil and gas consumption in offices, and fuel-efficient fleet vehicles. In 2016 World Courier introduced Cocoon, a cost-effective, lighter-packaging innovation. With Cocoon technology, shipments maintain temperatures up to 40% longer than comparable products while weighing up to 30 percent less. This reduces fuel use and total shipment costs, while still ensuring shipment stability and security.
Financial optimization calculations	Lean Six Sigma is another method we use to drive investment in emissions reduction activities across our full-line distribution operations. Continuous Improvement Managers spend ten weeks at each distribution center to identify opportunities to eliminate waste of time, effort and resources, while ensuring quality of production and processes. The complexity of improvements ranges from "quick win" opportunities — such as changing the location of a trash conveyer line and strategically placing bins for damaged products — to more long-term opportunities, such as ensuring optimal workflow and product quality. Each of these activities is focused on maximizing the total output of the operation, thus reducing the energy required for each transaction. When an energy efficiency project is implemented at a distribution center, DC's capture the details of the project, shares it as a best practice across the distribution network, and tracks the energy savings. Energy-saving enhancements have been incorporated into building guidelines. To enhance efficiency, and related energy impacts, following AmerisourceBergen's 2015 acquisition, in 2016 MWI Animal Health began updating to AmerisourceBergen's proprietary distribution management/logistics software to best manage the daily operational output of product.
Employee engagement	Other building design standards: As ABC reviews plans to construct new distribution centers, our building guidelines include recommendations to integrate energy efficiency and green building practices into the designs, yet another way we invest in emissions reductions activities and engage with our employees. Additionally, ABC actively seeks new ways to reduce energy consumption and costs while improving the safety, efficiency and speed of our operations and the entire pharmaceutical supply channel. For our full-line DC's, energy data is billed and tracked centrally, and reports are sent out to distribution centers. For energy reduction projects requiring capital spend, each distribution center completes a capital expenditure request, which includes energy savings calculations and return on investment, where possible. In addition, we encourage our distribution centers to consider energy efficiency projects that align with rebate programs through local energy utilities.
Internal incentives/recognition programs	In FY 2019, AmerisourceBergen's Office of Transformation created a workstream dedicated to expanding and tracking enterprise Environmental Sustainability work, including cost savings. This program will help ignite and incentivize associates across our businesses to identify and implement efficiency projects that not only reduce our operating costs but increase our sustainability and address potential climate risk by lowering our carbon footprint. The workstream includes a cross-functional team from multiple parts of the business, working together to identify opportunities in energy efficiency and supply, as well as waste optimization and efficiency. Project team members are incentivized to drive environmental sustainability initiatives forward across the enterprise via a data-driven tracking process with a dedicated program manager.

C4.5

(C4.5) Do you classify any of your existing goods and/or services as low-carbon products or do they enable a third party to avoid GHG emissions?

Yes

C4.5a

(C4.5a) Provide details of your products and/or services that you classify as low-carbon products or that enable a third party to avoid GHG emissions.

Level of aggregation

Product

Description of product/Group of products

Our commitment to energy efficiency extends beyond the supply chain, to medication storage both in-office and at a patient's home. One of the solutions we've developed for patients receiving specialty medication is Cubixx, a next-generation storage and inventory management solution. Cubixx units leverage a unique partnership between AmerisourceBergen and Phononic, whose Evolve™ refrigeration technology allows Cubixx refrigeration systems to move heat through a solid-state heat pump and natural refrigerant, which creates a uniformly cold chamber (within one degree of variance within the cavity) for specialty pharmaceutical storage. Typical refrigeration technology uses a vapor-compression system, which requires a fixed energy demand every time the compressor engages, which leads to greater energy use and temperature variance. The solid-state heat pump and natural refrigerant eliminate the need for a compressor within the unit. The Evolve™ technology also uses just 40 watts of power – less than a single lightbulb. By reducing energy costs while still ensuring that medication remains fresh, more patients will be able to properly store their medication in their homes at a lower cost.

Are these low-carbon product(s) or do they enable avoided emissions?

Low-carbon product

Taxonomy, project or methodology used to classify product(s) as low-carbon or to calculate avoided emissions

Other, please specify (During product testing by the manufacturer, the Evolve™ technology was found to use just 40 watts of power – less than a single lightbulb.)

% revenue from low carbon product(s) in the reporting year

0.01

% of total portfolio value

<Not Applicable>

Asset classes/ product types

<Not Applicable>

Comment

Revenue from this product is estimated to be less than 1%. The revenue estimate above is less than that entered, due to decimal place limitations in the online response system.

Level of aggregation

Product

Description of product/Group of products

We are committed to supporting our customers and ensuring products get delivered in a safe and timely manner. Today's logistics environment grows more complex as demand for time- and temperature-sensitive transport increases while resources to manage this complexity are scarcer. The researchers at CORE Labs, leveraging World Courier's global network of data, have created a packaging solution that drives significant performance enhancement – Cocoon. Cocoon is a packaging solution that maintains temperature up to 40 percent longer than primary competitors while weighing up to 30 percent less. The passive system requires no external power source during transit making Cocoon not only cost-effective but ecologically friendly compared to active systems. Cocoon eliminates the need for single use packaging, reduces space requirements, decreases waste, and reduces shipping-related carbon emissions.

Are these low-carbon product(s) or do they enable avoided emissions?

Low-carbon product and avoided emissions

Taxonomy, project or methodology used to classify product(s) as low-carbon or to calculate avoided emissions

Other, please specify (Cocoon was shown to weigh 30% less than competing products, reducing the shipping-related emissions)

% revenue from low carbon product(s) in the reporting year

0.01

% of total portfolio value

<Not Applicable>

Asset classes/ product types

<Not Applicable>

Comment

Revenue from this product is estimated to be less than 1%. The revenue estimate above is less than that entered, due to decimal place limitations in the online response system.

C5. Emissions methodology

C5.1

(C5.1) Provide your base year and base year emissions (Scopes 1 and 2).

Scope 1

Base year start
January 1 2016

Base year end
December 31 2016

Base year emissions (metric tons CO2e)
32942.18

Comment

Scope 2 (location-based)

Base year start
January 1 2016

Base year end
December 31 2016

Base year emissions (metric tons CO2e)
85011.49

Comment

Scope 2 (market-based)

Base year start
October 1 2018

Base year end
September 30 2019

Base year emissions (metric tons CO2e)
86428.63

Comment

Note, this was our first year calculating our Scope 2 market-based emissions. We utilized supplier specific emissions factors for facilities with known supply contracts, and residual mix emissions factors for all others. We will continue to refine and improve our emissions factors for market-based emissions in the future.

C5.2

(C5.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.
The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

C6. Emissions data

C6.1

(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO2e?

Reporting year

Gross global Scope 1 emissions (metric tons CO2e)
33597.503

Start date
<Not Applicable>

End date
<Not Applicable>

Comment

C6.2

(C6.2) Describe your organization's approach to reporting Scope 2 emissions.

Row 1

Scope 2, location-based

We are reporting a Scope 2, location-based figure

Scope 2, market-based

We are reporting a Scope 2, market-based figure

Comment

Note, this was our first year calculating our Scope 2 market-based emissions. We utilized supplier specific emissions factors for facilities with known supply contracts, and residual mix emissions factors for all others. We will continue to refine and improve our emissions factors for market-based emissions in the future.

C6.3

(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO2e?

Reporting year

Scope 2, location-based

86713.86

Scope 2, market-based (if applicable)

86428.629

Start date

<Not Applicable>

End date

<Not Applicable>

Comment

Note, this was our first year calculating our Scope 2 market-based emissions. We utilized supplier specific emissions factors for facilities with known supply contracts, and residual mix emissions factors for all others. We will continue to refine and improve our emissions factors for market-based emissions in the future.

C6.4

(C6.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure?

No

C6.5

(C6.5) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.

Purchased goods and services

Evaluation status

Relevant, not yet calculated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Purchased goods and services have not yet been evaluated.

Capital goods

Evaluation status

Relevant, not yet calculated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Capital goods have not yet been evaluated.

Fuel-and-energy-related activities (not included in Scope 1 or 2)

Evaluation status

Not relevant, explanation provided

Metric tonnes CO₂e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

100% of our fuel and energy-related activities have been reported in our scope 1 and 2 emissions. We have no fuel and energy-related activities outside of what we currently report.

Upstream transportation and distribution

Evaluation status

Relevant, not yet calculated

Metric tonnes CO₂e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Upstream transportation and distributions emissions have not yet been evaluated.

Waste generated in operations

Evaluation status

Relevant, not yet calculated

Metric tonnes CO₂e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Emissions from waste generated in operations have not yet been evaluated. In FY 2019, we partnered with a waste solutions company to streamline and optimize our waste management and identify efficiency opportunities. This will provide greater visibility into our waste generation in order to calculate associated emissions in the future.

Business travel

Evaluation status

Relevant, calculated

Metric tonnes CO₂e

28356.55

Emissions calculation methodology

Travel providers for air and ground source raw activity data like country of origin, miles driven, gallons of fuel, origin airport, destination airport, and class of travel, then applies industry standard best practices and emissions factors from authorities such as DEFRA, IPCC, EPA and WRI to calculate emissions.

Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

Please explain

Travel providers for air and ground source raw activity data like country of origin, miles driven, gallons of fuel, origin airport, destination airport, and class of travel, then applies industry standard best practices and emissions factors from authorities such as DEFRA, IPCC, EPA and WRI to calculate emissions.

Employee commuting

Evaluation status

Relevant, not yet calculated

Metric tonnes CO₂e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Emissions from employee commuting have not yet been evaluated

Upstream leased assets

Evaluation status

Not relevant, explanation provided

Metric tonnes CO₂e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Energy related to upstream leased assets are included in Scope 1 and 2 emissions in Section C6, as ABC assumes operational control over them.

Downstream transportation and distribution

Evaluation status

Relevant, not yet calculated

Metric tonnes CO₂e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Emissions from downstream transportation and distribution have not yet been evaluated.

Processing of sold products

Evaluation status

Not evaluated

Metric tonnes CO₂e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Emissions from the processing of sold products have not yet been evaluated.

Use of sold products

Evaluation status

Not evaluated

Metric tonnes CO₂e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Emissions from the use of sold products have not yet been evaluated.

End of life treatment of sold products

Evaluation status

Not evaluated

Metric tonnes CO₂e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Emissions from the end of life treatment of sold products have not yet been evaluated.

Downstream leased assets

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Activities for leased assets within our operational control are captured in Scope 1 and Scope 2 emissions.

Franchises

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

AmerisourceBergen does not have emissions relevant to this category.

Investments

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

AmerisourceBergen does not have emissions relevant to this category.

Other (upstream)

Evaluation status

Not evaluated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

These emissions have not yet been evaluated.

Other (downstream)

Evaluation status

Not evaluated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

These emissions have not yet been evaluated.

C6.7

(C6.7) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

No

C6.10

(C6.10) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Intensity figure	6.7e-7
Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)	120311.4
Metric denominator	unit total revenue
Metric denominator: Unit total	179589000000
Scope 2 figure used	Location-based
% change from previous year	11.8
Direction of change	Decreased
Reason for change	While revenues increased, operationally we continue to drive energy efficiency measures as highlighted in sections C4.3 a and b (lighting, HVAC, and other efficiency improvements), along with our renewable energy target.

C7. Emissions breakdowns

C7.1

(C7.1) Does your organization break down its Scope 1 emissions by greenhouse gas type?
Yes

C7.1a

(C7.1a) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used greenhouse warming potential (GWP).

Greenhouse gas	Scope 1 emissions (metric tons of CO2e)	GWP Reference
CO2	32914.02	IPCC Fourth Assessment Report (AR4 - 100 year)
CH4	67.971	IPCC Fourth Assessment Report (AR4 - 100 year)
N2O	59.331	IPCC Fourth Assessment Report (AR4 - 100 year)
HFCS	556.18	IPCC Fourth Assessment Report (AR4 - 100 year)

C7.2

(C7.2) Break down your total gross global Scope 1 emissions by country/region.

Country/Region	Scope 1 emissions (metric tons CO2e)
United States of America	23220.239
Canada	990.785
United Kingdom of Great Britain and Northern Ireland	6257.656
Other, please specify (Rest of world)	3128.821

C7.3

(C7.3) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.
By business division

C7.3a

(C7.3a) Break down your total gross global Scope 1 emissions by business division.

Business division	Scope 1 emissions (metric ton CO2e)
Full-line pharmaceutical distribution (formerly ABDC)	12036.14
LASH Group	19.95
Corp Admin	70.95
Other Business Units	21470.44

C7.5

(C7.5) Break down your total gross global Scope 2 emissions by country/region.

Country/Region	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)	Purchased and consumed electricity, heat, steam or cooling (MWh)	Purchased and consumed low-carbon electricity, heat, steam or cooling accounted for in Scope 2 market-based approach (MWh)
United States of America	80174.114	79930.526	184586.47	0
Canada	802.993	802.993	4695.48	0
United Kingdom of Great Britain and Northern Ireland	910.193	949.363	2696.43	0
Other, please specify (Rest of world)	4826.56	4745.748	9506.51	291.55

C7.6

(C7.6) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.
By business division

C7.6a

(C7.6a) Break down your total gross global Scope 2 emissions by business division.

Business division	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Full-line pharmaceutical distribution (formerly ABDC)	47621.03	47323.29
LASH Group	2449.07	2434.86
Corp Admin	6731.13	6699.25
Other Business Units	29912.64	29971.23

C7.9

(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?
Decreased

C7.9a

(C7.9a) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.

	Change in emissions (metric tons CO2e)	Direction of change	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption	5.36	Decreased	0.01	Renewable energy provided by our New Hyde Park solar installation decreased our total emissions by 0.0042% (see note) or 5.4 metric tonnes of CO2e (approximately 8.8 MWH of electricity production) for the 2019 reporting period. Our FY 2018 total Scope 1 & 2 emissions were equal to 127,566. Our FY 2019 total Scope 1 & 2 emissions were equal to 120,311. We calculated the percentage as follows: (5.36/127,566)*100 = 0.0042%. Note: 0.01% was entered into the Emissions Value (percentage) field due to the decimal place restrictions. Avoided emissions were calculated using the GHG Protocol Corporate Standard and the geographical eGrid emission factor for this site.
Other emissions reduction activities	6159.92	Decreased	4.83	Emissions reduction activities for all of our locations are tracked internally according to CDP's implementation stages as reflected in question C4.3a and b. The emissions reduction in FY19 associated with our implemented and implementation commenced initiatives accounted for a reduction of 6,159.92 MT CO2e or 4.83%. For each project, the emissions reductions are calculated based upon engineering analyses, in accordance with the GHG Protocol and eGrid emissions factors aligned to the site where the initiative is being implemented. The initiatives undertaken this year include conveyor efficiencies, air compressor efficiency improvements, LED lighting, sensors, energy efficient equipment (i.e. HVAC upgrades), and very active employee engagement campaigns to reduce overall energy use. The emissions percent change was calculated by taking the emissions reduction from the projects (6,160 MT CO2e), dividing by the prior year (FY 18) total emissions (127,566 MT CO2e) and multiplying by 100. [(6,159.92/127,566)*100]=4.83%.
Divestment	0	No change	0	
Acquisitions	0	No change	0	
Mergers	0	No change	0	
Change in output	0	No change	0	
Change in methodology	1089.47	Decreased	0.85	Our total Scope 1 and Scope 2 emissions decreased slightly, by 0.85% or 1,089.47 MT CO2e, as a result of changes to our methodology and data accuracy. In the last year, we have improved our data collection processes with our international facilities, improving the quality of our data. We calculated this by finding the difference in total emissions from FY19(current) and FY18(prior): FY19-FY18= 127,566 - 120,311 = -7,254.74 MT CO2e (a reduction). From the total emissions reduced, 7,254.74 MT CO2e, we subtracted the emissions associated with reduction activities (6,159.92 MT CO2e) and avoided emissions from renewables (5.36 MT CO2e). 7,254.74 - 6,159.92 - 5.35 = 1,089.47 MT CO2e. From there, we calculated the percentage [(1,089.47/127,566)*100] = 0.85%.
Change in boundary	0	No change	0	
Change in physical operating conditions	0	No change	0	
Unidentified	0	No change	0	
Other	0	No change	0	

C7.9b

(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?
Location-based

C8. Energy

C8.1

(C8.1) What percentage of your total operational spend in the reporting year was on energy?
More than 0% but less than or equal to 5%

C8.2

(C8.2) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	No
Consumption of purchased or acquired steam	No
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	Yes

C8.2a

(C8.2a) Report your organization’s energy consumption totals (excluding feedstocks) in MWh.

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh
Consumption of fuel (excluding feedstock)	LHV (lower heating value)	0	141751.95	141751.95
Consumption of purchased or acquired electricity	<Not Applicable>	5705.68	195779.21	201484.89
Consumption of purchased or acquired heat	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired steam	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired cooling	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of self-generated non-fuel renewable energy	<Not Applicable>	8.8	<Not Applicable>	8.8
Total energy consumption	<Not Applicable>	8.8	343236.84	343245.64

C8.2b

(C8.2b) Select the applications of your organization’s consumption of fuel.

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	Yes
Consumption of fuel for the generation of heat	Yes
Consumption of fuel for the generation of steam	No
Consumption of fuel for the generation of cooling	No
Consumption of fuel for co-generation or tri-generation	No

C8.2c

(C8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Fuels (excluding feedstocks)

Natural Gas

Heating value

LHV (lower heating value)

Total fuel MWh consumed by the organization

62411.57

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self-cogeneration or self-trigeneration

<Not Applicable>

Emission factor

0.00189

Unit

metric tons CO2e per m3

Emissions factor source

Intergovernmental Panel for Climate Change (2006 Guidelines for National Greenhouse Gas Inventories)

Comment

We have completed a full review of our operations. There is no self-generation of electricity using natural gas and no self-generation of heat using natural gas. We also used the following emissions information: Emission factor: 0.20243; Unit: metric tons CO2e per MWh; Source: Intergovernmental Panel for Climate Change (2006 Guidelines for National Greenhouse Gas Inventories). We store all of our emissions factors in our online carbon management system, SoFi. Emission factors are regularly updated and maintained by the SoFi team. We undergo an annual review to ensure emission factors are up to date.

Fuels (excluding feedstocks)

Diesel

Heating value

LHV (lower heating value)

Total fuel MWh consumed by the organization

47269.66

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self-cogeneration or self-trigeneration

<Not Applicable>

Emission factor

2.6908

Unit

metric tons CO2e per m3

Emissions factor source

Intergovernmental Panel for Climate Change (2006 Guidelines for National Greenhouse Gas Inventories)

Comment

MWh reported for diesel fuel are related to the use of back-up generators and consumption by fleet vehicles. We also used the following information: Emissions Factor: 0.26816; Unit: metric tons CO2e per MWh; Source: Intergovernmental Panel for Climate Change (2006 Guidelines for National Greenhouse Gas Inventories). We store all of our emissions factors in our online carbon management system, SoFi. Emission factors are regularly updated and maintained by the SoFi team. We undergo an annual review to ensure emission factors are up to date.

Fuels (excluding feedstocks)

Motor Gasoline

Heating value

LHV (lower heating value)

Total fuel MWh consumed by the organization

31172.48

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self-cogeneration or self-trigeneration

<Not Applicable>

Emission factor

19.43009

Unit

lb CO2e per gallon

Emissions factor source

US EPA GHG Emission Factors for Greenhouse Inventories, November 19th 2015, v2 (Table 1) [http://www.epa.gov/sites/production/files/2015-12/documents/emission-factors_nov_2015.pdf] using IPCC AR4 100-year GWP Factors

Comment

Motor gasoline MWh is associated with fleet vehicle consumption. We also used for Motor Gasoline the following emissions information: Emission factor: 0.24047; Unit: metric tons CO2e per MWh; Source: US EPA GHG Emission Factors for Greenhouse Inventories, November 19th 2015, v2 (Table 1) [http://www.epa.gov/sites/production/files/2015-12/documents/emission-factors_nov_2015.pdf] using IPCC AR4 100-year GWP Factors. We store all of our emissions factors in our online carbon management system, SoFi. Emission factors are regularly updated and maintained by the SoFi team. We undergo an annual review to ensure emission factors are up to date.

Fuels (excluding feedstocks)

Compressed Natural Gas (CNG)

Heating value

LHV (lower heating value)

Total fuel MWh consumed by the organization

46.95

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self-cogeneration or self-trigeneration

<Not Applicable>

Emission factor

0.44486

Unit

metric tons CO2e per m3

Emissions factor source2019 UK Government GHG Conversion Factors v1.0, published June 2019 (www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2019)**Comment**

We have completed a full review of our operations. There is no self-generation of electricity using CNG and no self-generation of heat using CNG. CNG MWH is associated with fleet vehicle consumption. We store all of our emissions factors in our online carbon management system, SoFi. Emission factors are regularly updated and maintained by the SoFi team. We undergo an annual review to ensure emission factors are up to date.

Fuels (excluding feedstocks)

Liquefied Petroleum Gas (LPG)

Heating value

LHV (lower heating value)

Total fuel MWh consumed by the organization

226.34

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self-cogeneration or self-trigeneration

<Not Applicable>

Emission factor

1.61517

Unit

metric tons CO2e per m3

Emissions factor source

Intergovernmental Panel for Climate Change (2006 Guidelines for National Greenhouse Gas Inventories)

Comment

We have completed a full review of our operations. There is no self-generation of electricity using LPG and no self-generation of heat using LPG. We store all of our emissions factors in our online carbon management system, SoFi. Emission factors are regularly updated and maintained by the SoFi team. We undergo an annual review to ensure emission factors are up to date.

Fuels (excluding feedstocks)

Residual Fuel Oil

Heating value

LHV (lower heating value)

Total fuel MWh consumed by the organization

624.96

MWh fuel consumed for self-generation of electricity

0

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self-cogeneration or self-trigeneration

<Not Applicable>

Emission factor

0.28004

Unit

metric tons CO2e per MWh

Emissions factor source

Intergovernmental Panel for Climate Change (2006 Guidelines for National Greenhouse Gas Inventories)

Comment

We have completed a full review of our operations. There is no self-generation of electricity using residual fuel oil and no self-generation of heat using residual fuel oil. We store all of our emissions factors in our online carbon management system, SoFi. Emission factors are regularly updated and maintained by the SoFi team. We undergo an annual review to ensure emission factors are up to date.

C8.2d

(C8.2d) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.

	Total Gross generation (MWh)	Generation that is consumed by the organization (MWh)	Gross generation from renewable sources (MWh)	Generation from renewable sources that is consumed by the organization (MWh)
Electricity	8.8	8.8	8.8	8.8
Heat				
Steam				
Cooling				

C8.2e

(C8.2e) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero emission factor in the market-based Scope 2 figure reported in C6.3.

Sourcing method

Unbundled energy attribute certificates, Renewable Energy Certificates (RECs)

Low-carbon technology type

Wind

Country/region of consumption of low-carbon electricity, heat, steam or cooling

United States of America

MWh consumed accounted for at a zero emission factor

5705.68

Comment

Total REC's were derived by adding Green-e Certified American Wind RECs (4,032 MWh) and Green-e Certified Energy NewMix RECs (1,674 MWh from Wind). We assumed the emission factor for wind to be 0.

C9. Additional metrics

C9.1

(C9.1) Provide any additional climate-related metrics relevant to your business.

C10. Verification

C10.1

(C10.1) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	Third-party verification or assurance process in place
Scope 3	No third-party verification or assurance

C10.1a

(C10.1a) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Moderate assurance

Attach the statement

AmerisourceBergen_Assurance_2020.pdf

Page/ section reference

Page 1, 3rd paragraph "Assurance Standard" states that "Trucost undertook the assurance in accordance with AA1000AS (2008 with 2018 addendum) Type 2 moderate-level assurance". Page 1, 4th paragraph "Scope and Limitations" states the GHG Scope 1 and 2 emissions calculated by ABC and verified by Trucost. Page 2: Assurance statement confirms the adherence to the AA1000APS (2018) Principles Page 3: includes the assurance provider signature.

Relevant standard

AA1000AS

Proportion of reported emissions verified (%)

100

C10.1b

(C10.1b) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.

Scope 2 approach

Scope 2 location-based

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Complete

Type of verification or assurance

Moderate assurance

Attach the statement

AmerisourceBergen_Assurance_2020.pdf

Page/ section reference

Page 1, 3rd paragraph "Assurance Standard" states that "Trucost undertook the assurance in accordance with AA1000AS (2008 with 2018 addendum) Type 2 moderate-level assurance". Page 1, 4th paragraph "Scope and Limitations" states the GHG Scope 1 and 2 emissions calculated by ABC and verified by Trucost. Page 2: Assurance statement confirms the adherence to the AA1000APS (2018) Principles Page 3: includes the assurance provider signature.

Relevant standard

AA1000AS

Proportion of reported emissions verified (%)

100

C10.2

(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?

No, we do not verify any other climate-related information reported in our CDP disclosure

C11. Carbon pricing

C11.1

(C11.1) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

No, and we do not anticipate being regulated in the next three years

C11.2

(C11.2) Has your organization originated or purchased any project-based carbon credits within the reporting period?

Yes

C11.2a

(C11.2a) Provide details of the project-based carbon credits originated or purchased by your organization in the reporting period.

Credit origination or credit purchase

Credit purchase

Project type

Wind

Project identification

With patients and associates at the core of the business, LEED Certification was seen as a perfect fit for the new Lash Group location in Fort Mill, SC: associates view the design features as enhancing their workspace and personal well-being; the surrounding community sees LEED as environmentally responsible and shows our commitment to enhancing the community. Building features include the maximum use of natural light and strategic use of brick facades to minimize the need to heat the interiors. To cut down on the use of throwaway products, each associate is given cups to hold hot and cold drinks and purchased electricity is from certified Renewable Energy Credits which use wind energy.

Verified to which standard

Other, please specify (Green-e Renewable Energy Standard)

Number of credits (metric tonnes CO2e)

1367.14

Number of credits (metric tonnes CO2e): Risk adjusted volume

1367.14

Credits cancelled

Yes

Purpose, e.g. compliance

Voluntary Offsetting

Credit origination or credit purchase

Credit purchase

Project type

Wind

Project identification

As part of our commitment to reducing our overall carbon footprint, we purchase offsets equivalent to 50% of electricity consumption at our two Corona, CA locations.

Verified to which standard

Other, please specify (Green-e Renewable Energy Standard)

Number of credits (metric tonnes CO2e)

378.44

Number of credits (metric tonnes CO2e): Risk adjusted volume

378.44

Credits cancelled

Yes

Purpose, e.g. compliance

Voluntary Offsetting

C11.3

(C11.3) Does your organization use an internal price on carbon?

No, but we anticipate doing so in the next two years

C12. Engagement

C12.1

(C12.1) Do you engage with your value chain on climate-related issues?

Yes, our suppliers

Yes, our customers

Yes, other partners in the value chain

C12.1a

(C12.1a) Provide details of your climate-related supplier engagement strategy.

Type of engagement

Innovation & collaboration (changing markets)

Details of engagement

Run a campaign to encourage innovation to reduce climate impacts on products and services

% of suppliers by number

5

% total procurement spend (direct and indirect)

5

% of supplier-related Scope 3 emissions as reported in C6.5

5

Rationale for the coverage of your engagement

AmerisourceBergen's core approach to transportation efficiency is constantly under evaluation for improvement through market analysis and route analytics. And, while logistics processes and mechanisms may vary within each of our businesses, the focus on efficiency does not. Across our business units, we constantly look for opportunities to enhance the efficiency and reliability of transportation. When not prohibited by contractual agreements, all our business units select transport companies that are U.S. Environmental Protection Agency (EPA) SmartWay Partners. Our business units do not have company-owned long-haul trucking fleets, so we work with transportation partners to reduce fuel costs and greenhouse gas emissions associated with our distribution activities. These third-party carriers utilize sophisticated delivery route-planning methods to consolidate our orders and shipments. This minimizes the number of vehicles required to serve our customers and reduces total miles travelled and the number of required stops. As part of World Courier's ISO 14001 Certification, leased and company-owned vehicles are tracked and replaced, when necessary, with more fuel-efficient models.

Impact of engagement, including measures of success

In 2019, we entered into a partnership with UPS to deploy its Flight Forward drones to transport certain products; by utilizing drone delivery, we can avoid roadway delays, increase medical distribution efficiency, lower costs and improve the patient experience with quicker access to critical medicines and potentially life-saving benefits. We also evaluated a new delivery tracking app to eliminate the complexity of integrating data from various carriers' tech platforms with AmerisourceBergen's, which led to a lack of visibility and delayed updates. This new application provides a single platform for all delivery transactions and improves visibility into delivery events, supports GPS tracking of final mile, customer notifications and reverse logistics tracking. We piloted a project with our courier in Georgia to optimize their delivery network. The optimization includes our deliveries as well as their other customers with the goal to cut expenses by reducing routes and miles driven. Using a new technology platform to analyze various scenarios, we have been able to reduce approximately 1,000 daily miles driven over 86 routes. We are planning to expand this effort to additional carriers in 2020. Our World Courier location in Frankfurt, Germany launched a Zero Emission Electric (ZEEV) program, adding their first IVECO daily electric vehicle. When not prohibited by contractual agreements, all our business units select transport companies that are U.S. Environmental Protection Agency (EPA) SmartWay Partners.

Comment

Percentages included are an engineering estimate.

C12.1b

(C12.1b) Give details of your climate-related engagement strategy with your customers.

Type of engagement

Education/information sharing

Details of engagement

Run an engagement campaign to education customers about your climate change performance and strategy

% of customers by number

10

% of customer - related Scope 3 emissions as reported in C6.5

64

Portfolio coverage (total or outstanding)

<Not Applicable>

Please explain the rationale for selecting this group of customers and scope of engagement

Our top 10 customers, including governmental agencies and group purchasing organizations ("GPO"), represented approximately 64% of revenue in the fiscal year ended September 30, 2019. We actively engage with our larger customers on a regular cadence regarding climate change. Members of our respective leadership teams engaged on the subject as well as discussing CDP responses, addressing climate change at our businesses, including goals and targets, and sharing best practices regarding mitigation and disaster response. In addition, we respond to CDP supply chain for our several of our larger customers. This is an estimate based on our analysis.

Impact of engagement, including measures of success

Members of our respective leadership teams engaged on climate change, as well as discussing CDP responses, operationally addressing climate change at our businesses, including goals and targets, and sharing best practices regarding mitigation and disaster response.

Type of engagement

Collaboration & innovation

Details of engagement

Run a campaign to encourage innovation to reduce climate change impacts

% of customers by number

1

% of customer - related Scope 3 emissions as reported in C6.5

1

Portfolio coverage (total or outstanding)

<Not Applicable>

Please explain the rationale for selecting this group of customers and scope of engagement

We collaborated with one of our top customers to develop a sustainability plan and partnership to drive sustainability across the operations that service our customer. We engage and report on our progress against key metrics on a quarterly basis.

Impact of engagement, including measures of success

Through this collaboration we have increased engagement with our customers and our leadership, shared best practices and lessons learned, and saw progress across our organization's various climate-related efforts.

C12.1d

(C12.1d) Give details of your climate-related engagement strategy with other partners in the value chain.

Delivering daily shipments to tens of thousands of healthcare facilities requires sophisticated planning expertise and a variety of methods. The logistics processes and mechanisms may vary within each of the AmerisourceBergen businesses, but we routinely look for opportunities to enhance efficiencies, reliability, innovation and mitigation of climate change risk along our value chain. This is especially evident when facing natural disasters. The occurrence of unexpected events, including fires, hurricanes, earthquakes, and floods, could adversely affect our operations and financial performance. Extreme weather, natural disasters, and power outages could result in physical damage to and complete or partial closure of one or more of distribution centers or outsourcing facilities, temporary or long-term disruption in the supply of products, delay in the delivery of products to our distribution centers, and/or disruption of our ability to deliver products to customers.

Our climate-related value-chain engagement strategy includes the development of important upstream and downstream partnerships, best practice sharing and planning prior to responding to climate-related events and natural disasters, to ensure access of delivery of critical medicine. We communicate with customers in the expected path of extreme weather events to prepare, ordering additional product ahead of time. We are continually evolving disaster response strategies to equip additional downstream partners, such as pharmacists, with the tools they need to plan for disaster and climate resilience. And we work with many organizations and non-profit partners, including Healthcare Ready, whose unique relationships with government, non-profit and medical supply chains build and enhance the resiliency of communities before, during and after disasters. Planning and strong relationships with our value chain partners allow us to quickly, safely and efficiently respond to disasters and move in critical supplies. This is valuable during times of disaster response when certain drugs may not be readily available.

During natural disasters, AmerisourceBergen leverages its network of distribution centers, couriers and associates to ensure healthcare providers – particularly hospitals – gain access to critical pharmaceutical products. For example, after Hurricane Harvey made landfall in Texas, our transportation team identified alternative routes and delivery methods, such as airlifting supplies or using vehicles capable of navigating high-standing waters, to reach hospitals in the Houston metro area. Additionally, about a week before Hurricane Irma reached Florida, our associates reached out to hospitals and offered advanced ordering options and recommendations for when and how much product to order to ensure they had an adequate supply throughout the storm. As Hurricanes Harvey, Irma and Maria approached, AmerisourceBergen associates monitored the projected paths of the hurricanes and prepared nearby distribution centers – including the ones in Houston, Orlando and Puerto Rico – to serve as shelters for employees and their families. AmerisourceBergen stocked the Puerto Rico distribution center with non-perishable food and pallets of water, as well as a rented refrigerated trailer that could store temperature-sensitive products in the event the distribution center lost power for an extended amount of time. Meanwhile, the distribution center in Houston (which had working electricity) offered families access to an on-site shower, as well as emergency supplies, such as food, water, charcoal, clothing and baby food.

AmerisourceBergen understands the important role our supply chain plays in achieving our purpose in creating healthier futures. We have taken steps to refine the stability of our generics supply chain utilizing a third-party supply chain risk management tool. This tool allows us to identify and address key concerns related to financial, social, environmental and other risk factors. With the insights and data generated by this tool, AmerisourceBergen can make informed decisions to ensure we are sourcing our products from reliable, stable and responsible suppliers.

We continue to engage with our customers and suppliers on climate change related topics as a shared value and area of continuous improvement.

C12.3

(C12.3) Do you engage in activities that could either directly or indirectly influence public policy on climate-related issues through any of the following?

Other

C12.3e

(C12.3e) Provide details of the other engagement activities that you undertake.

AmerisourceBergen Corporation participates in the political process to advance the interests of the company and our employees. We engage in the political process at the national and state levels by making political contributions to candidates for elective office, by presenting to legislators and other government officials our position on issues of interest to us and by working with industry and trade groups, without regard to the private preferences of our executives.

To increase transparency about our engagement in the political process, a policy statement is posted on our website at www.amerisourcebergen.com. In addition, to improve access to information about our expenditures for political contributions and lobbying activities, we disclose annually on our website the aggregate amount of these expenditures for the prior year.

Please see our Policy Statement on Political Engagement, attached, or at <https://investor.amerisourcebergen.com/governance/policies/political-engagement/default.aspx>

C12.3f

(C12.3f) What processes do you have in place to ensure that all of your direct and indirect activities that influence policy are consistent with your overall climate change strategy?

Processes for assessing and monitoring related activities are part of AmerisourceBergen Corporation's sustainability plan. We work closely with and educate the AmerisourceBergen Corporation leaders, who have political engagement and policy responsibilities, about our corporate responsibility and sustainability strategy. We also monitor policy activities and review changes, and AmerisourceBergen's potential responses, with our corporate responsibility and sustainability subject matter experts.

(C12.4) Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Publication

In other regulatory filings

Status

Complete

Attach the document

ABC_FY 2019_10k.pdf

Page/Section reference

We have attached the 2019 AmerisourceBergen 10-k Document. See page 17 (Natural disasters or other unexpected events may disrupt our operations...")

Content elements

Risks & opportunities

Comment

Publication

In voluntary sustainability report

Status

Complete

Attach the document

abc_corpcitizenship_report_2019_Dwld7.24.2020_v2.pdf

Page/Section reference

We have attached AmerisourceBergen's 2019 Corporate Citizenship Report. Climate-related references on pages 14, 41-43 Sustainable Operations details on pages 41-51 GRI Index pgs. 70-72 SASB Index pg. 73 SDG Alignment pgs. 74-75 Assurance letters pgs. 65-68

Content elements

Governance
Strategy
Risks & opportunities
Emissions figures
Emission targets
Other metrics

Comment

Publication

In other regulatory filings

Status

Complete

Attach the document

ABC_2020_Proxy Statement.pdf

Page/Section reference

Pg. 6, see "Sustainable Operations" and reference to CDP reporting. Pgs. 8-9, Identifies expertise, experience, attributes and skills that are particularly relevant to the ABC's Governance & Nominating Committee (now named Governance, Sustainability & Corporate Responsibility Committee). Pg. 23: Governance and Nominating Committee (now named Governance, Sustainability & Corporate Responsibility Committee) - refers to the Committee monitoring the Company's corporate citizenship function.

Content elements

Governance

Comment

Publication

In voluntary communications

Status

Complete

Attach the document

ABC_Corporate Citizenship _ Operations and Supply Chain_Website.pdf

Page/Section reference

Our website offers information on our energy-related operational practices, as well as a link to our latest report. That information can be found at the link below and as a PDF attached as well: <https://www.amerisourcebergen.com/about-corporate-citizenship/corporate-citizenship-operations> Pages of the attached PDF contain information that appears on our website

Content elements

Strategy
Other metrics

Comment

C15. Signoff

C-FI

(C-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

Please see the attached documents in reference to the indicated questions:

- 1.1a & 1.1b - Board of Directors Governance, Sustainability & Corporate Responsibility Committee Charter
- 1.2a - Board of Directors Compliance and Risk Committee Charter
- 1.1a- Proxy Statement and Notice of 2020 Annual Meeting of Stockholders
- 12.3e - Policy Statement on Political Engagement

Additionally, please find the following attached:

- 2019 Corporate Citizenship Report
- ABC FY 2019 10-k
- ABC ESG Oversight Committee Charter
- Supplier Engagement Statement
- ABC-Policy-Statement-Engagement-in-Political-Process_June-2020.pdf
- Compliance-and-Risk-Committee-Charter-(FINAL-12.1.19).pdf
- ESG Oversight Committee Charter_16July 2020.pdf
- Governance-Committee-Charter-(final).pdf
- ABC_2020_Proxy Statement.pdf
- AmerisourceBergen-Supplier-Statement.pdf
- abc_corpcitizenship_report_2019_Dwld7.24.2020_v2.pdf
- ABC_FY 2019_10k.pdf

C15.1

(C15.1) Provide details for the person that has signed off (approved) your CDP climate change response.

	Job title	Corresponding job category
Row 1	Chief Communications and Administration Officer and Vice President, Corporate Responsibility & Sustainability	Other C-Suite Officer