SASB index

SASB disclosure 2022

We integrated our Sustainability Accounting Standards Board (SASB) disclosures into our 2022 Sustainability Report. In addition to our disclosures pursuant to the SASB standard “Biotechnology & Pharmaceuticals”, we voluntarily report information for the “Medical Equipment & Supplies” and “Semiconductors” industries. We thus cover our three business sectors. With our voluntary SASB disclosures, we want to meet the increasing demands of our investors and other stakeholders. The reported data provide transparent, financially material and meaningful information on sustainability. To meet the evolving interests and requirements of our stakeholders in the future as well, we will continuously develop and expand our SASB reporting.

The SASB disclosures were not part of the limited assurance engagement conducted by an independent auditor for our 2022 Sustainability Report.

Biotechnology & Pharmaceuticals

Safety of Clinical Trial Participants		
HC-BP-210a.1	Discussion, by world region, of management process for ensuring quality and patient safety during clinical trials	Clinical studies Patient safety R&D: Positions & Policies (Healthcare)
HC-BP-210a.2	Number of FDA Sponsor Inspections related to clinical trial management and pharmacovigilance that resulted in: (1) Voluntary Action Indicated (VAI) and (2) Official Action Indicated (OAI)	There were no FDA Good Clinical Practice (GCP) sponsor inspections related to clinical trials in 2022.
HC-BP-210a.3	Total amount of monetary losses as a result of legal proceedings associated with clinical trials in developing countries	Not reported
Access to Medicines		
HC-BP-240a.1	Description of actions and initiatives to promote access to health care products for priority diseases and in priority countries as defined by the Access to Medicine Index	Global Health Open innovation sharing Prices of medicines Health capacity & awareness
HC-BP-240a.2	List of products on the WHO List of Prequalified Medicinal Products as part of its Prequalification of Medicines Programme (PQP)	Currently there is no product on the list.
Affordability & Pricing		
HC-BP-240b.1	Number of settlements of Abbreviated New Drug Application (ANDA) litigation that involved payments and/or provisions to delay bringing an authorized generic product to market for a defined time period	Not reported

HC-BP-240b.2	Percentage change in: (1) average list price and (2) average net price across U.S. product portfolio compared to previous year	The following overview shows the percentage change in the average list price (WAC) of our Healthcare US product portfolio compared to the previous year: ◆ Rebif®: 4.0% ◆ Mavenclad®: 4.7% ◆ Bavencio®: 3.3% ◆ Gonal-f®: 6.4% ◆ Cetrotide®: 6.4% ◆ Ovidrel®: 6.4% ◆ Serostim®: 6.1% ◆ Saizen®: 4.9% See also: Prices of medicines
HC-BP-240b.3	Percentage change in: (1) list price and (2) net price of product with largest increase compared to previous year	We only report the percentage change in average list price across our U.S. product portfolio. The largest increase compared with the previous year amounted to 6.4% (Gonal-f®, and Ovidrel®).
Drug Safety		
HC-BP-250a.1	List of products listed in the Food and Drug Administration's (FDA) MedWatch Safety Alerts for Human Medical Products database	See FDA website: ◆ Safety information and adverse event reporting program ◆ Adverse event reporting system (FAERS) public dashboard
HC-BP-250a.2	Number of fatalities associated with products as reported in the FDA Adverse Event Reporting System	See FDA website: Adverse event reporting system (FAERS) public dashboard
HC-BP-250a.3	Number of recalls issued, total units recalled	In 2022, we had three drug product recalls in total. None of these recalls was global; they affected individual countries only. None of the recalls was related to the USA. None of the recalls was related to serious injury or fatality, all were either Class II or III. According to our internal policies, any recall type is reported and discussed with the relevant national regulatory authority, including the U.S. FDA. All recall processes are managed under a Global Standard Procedure "Product Recall and Withdrawal Management" which is applied worldwide for medicinal products (pharmaceutical prescription, biological) and devices.
HC-BP-250a.4	Total amount of product accepted for take-back, reuse, or disposal	We do not take back products for reuse. In line with legal requirements in each country we take back products for disposal.
HC-BP-250a.5	Number of FDA enforcement actions taken in response to violations of current Good Manufacturing Practices (cGMP), by type	We had no such FDA enforcement actions in 2022.

Counterfeit Drugs		
HC-BP-260a.1	Description of methods and technologies used to maintain traceability of products throughout the supply chain and prevent counterfeiting	Product-related crime
HC-BP-260a.2	Discussion of process for alerting customers and business partners of potential or known risks associated with counterfeit products	We have implemented processes and procedures to ensure that all suspected counterfeit medicines are assessed by a team of experts. The scope of any notification that we provide is the outcome of strategic alignment between relevant functions (e.g. Medical, Procurement, Legal, Quality, Corporate Security, Regulatory Affairs, Communications). Levels of details and format of any notification, including the HA information and collaboration, dedicated patient communication, information/ awareness communication to distributors, pharmacies, physicians etc. about the presence of counterfeit or diverted products in the market, is decided on a case-by-case basis in accordance with the identified risks and taking into account corporate, legal and regulatory responsibilities. See also: Product-related crime
HC-BP-260a.3	Number of actions that led to raids, seizure, arrests, and/or filing of criminal charges related to counterfeit products	Product-related crime
Ethical Marketing		
HC-BP-270a.1	Total amount of monetary losses as a result of legal proceedings associated with false marketing claims	Not reported
HC-BP-270a.2	Description of code of ethics governing promotion of off-label use of products	Responsible interactions with health systems
Employee Recruitment, Development & Retention		
HC-BP-330a.1	Discussion of talent recruitment and retention efforts for scientists and research and development personnel	Career with us Diversity, equity and inclusion
HC-BP-330a.2	(1) Voluntary and (2) involuntary turnover rate for: (a) executives/senior managers, (b) mid-level managers, (c) professionals, and (d) all others	Indicators: employees

Supply Chain Management		
HC-BP-430a.1	Percentage of (1) entity's facilities and (2) Tier I suppliers' facilities participating in the Rx-360 International Pharmaceutical Supply Chain Consortium audit program or equivalent third-party audit programs for integrity of supply chain and ingredients	Our Healthcare business sector does not participate in the Rx-360 International Pharmaceutical Supply Chain Consortium. However, our facilities are frequently audited by the respective health authorities of the countries in which we distribute our healthcare products. As a major supplier to the pharmaceutical industry, our Life Science business sector participates in the Rx-360 audit program. Regarding our supplier base, we have access to sustainability audits and assessments of our suppliers through our membership in the industry initiatives “Together for Sustainability” (TfS) and “Pharmaceutical Supply Chain Initiative” (PSCI). See also: Supply chain management
Business Ethics		
HC-BP-510a.1	Total amount of monetary losses as a result of legal proceedings associated with corruption and bribery	Not reported
HC-BP-510a.2	Description of code of ethics governing interactions with health care professionals	Responsible interactions with health systems Compliance management
Activity metrics		
HC-BP-000.A	Number of patients treated	In 2022, our Healthcare medicines were used to treat around 94 million patients. Additionally, we donated more than 200 million praziquantel tablets, enough to treat schistosomiasis in more than 80 million school-aged children in 2022. See also: Global Health
HC-BP-000.B	Number of drugs (1) in portfolio and (2) in research and development (Phases 1-3)	Our Healthcare portfolio Research & Development (Healthcare) Our Healthcare pipeline

Medical Equipment & Supplies

Affordability & Pricing		
HC-MS-240a.1	Ratio of weighted average rate of net price increases (for all products) to the annual increase in the U.S. Consumer Price Index	Not reported
HC-MS-240a.2	Description of how price information for each product is disclosed to customers or to their agents	Our Life Science portfolio
Product Safety		
HC-MS-250a.1	Number of recalls issued, total units recalled	We conduct monthly reviews of key performance quality indicators which include a review of multiple quality metrics including number of recalls. Quarterly trends are evaluated and reported through management reviews. In 2022, there were no recalls for our Life Science business.
HC-MS-250a.2	List of products listed in the FDA's MedWatch Safety Alerts for Human Medical Products database	In 2022, there were no Life Science products listed in the FDA's MedWatch Safety Alerts for Human Medical Products database.
HC-MS-250a.3	Number of fatalities related to products as reported in the FDA Manufacturer and User Facility Device Experience database	In 2022, there were no fatalities related to our Life Science products reported to the FDA's MedWatch Safety Alerts for Human Medical Products database.
HC-MS-250a.4	Number of FDA enforcement actions taken in response to violations of current Good Manufacturing Practices (cGMP), by type	Life Science received one U.S. FDA 483 forms in 2022.
Ethical Marketing		
HC-MS-270a.1	Total amount of monetary losses as a result of legal proceedings associated with false marketing claims	Not reported
HC-MS-270a.2	Description of code of ethics governing promotion of off-label use of products	Before any products can be purchased from our Life Science platform, we use a customer screening process to guard against the purchase of our products for illegal purposes. Core steps of this process cover data sourcing, hazard assessment, safe-use/risk assessment and labels/safety data sheets. Besides our own process, we cooperate with responsible authorities in the U.S. (FBI and the Bureau of Alcohol, Tobacco, Firearms and Explosives, ATF), as well as international authorities (Interpol). If we become aware that any of our Life Science products is used beyond our marketed intention, we evaluate the situation to determine whether to continue sales or not. Proper use of our products is included in our Terms and Conditions under Use of products.

		See also: Chemical product safety
Product Design & Lifecycle Management		
HC-MS-410a.1	Discussion of process to assess and manage environmental and human health considerations associated with chemicals in products, and meet demand for sustainable products	We assess environmental, human health, and further sustainability aspects of chemical products that we are sourcing and/or producing and selling. Furthermore, we screen our entire Life Science portfolio against growing demands arising from external stakeholders. For example, in alignment with the European Chemicals Strategy for Sustainability (CSS) we work towards a more sustainable product portfolio. Our Product Stewardship Council drives the transformation of existing products by considering appropriate measures like the substitution of chemical substances. Regarding future products, the selection of benign substance alternatives is done during ideation and early R&D through our Design for Sustainability program. In support of this, we have developed a tool which monitors latest chemical regulations. Besides flagging banned substances, it also flags substances that are already considered critical but not yet regulated. In addition to this, experts of the Chemicals Regulations teams are directly consulted for further insights and advice. See also: Chemical product safety Sustainable products & packaging
HC-MS-410a.2	Total amount of products accepted for take-back and reused, recycled, or donated, broken down by: (1) devices and equipment and (2) supplies	Since 2013, we have been partnering with Seeding Labs, a non-profit organization dedicated to equipping scientists in resource-limited countries with scientific equipment and support. In 2022, we donated 434 items of scientific equipment valued at more than $699,148. See also: Sustainable products & packaging Sustainability and Social Business Innovation

Supply Chain Management		
HC-MS-430a.1	Percentage of (1) entity's facilities and (2) Tier I suppliers' facilities participating in third-party audit programs for manufacturing and product quality	As a major supplier to the pharmaceutical industry, our Life Science business participates in the Rx-360 audit program. The Life Science facilities are regularly audited by customers and respective health authorities for regulated products. (1) Rx-360 audit programs are conducted across the Life Science business on a multi-year cycle with approximately 15% of our manufacturing facilities audited annually. (2) Approximately 5% of our tier 1 supplier facilities participated in third party audit programs such as Rx-360.
HC-MS-430a.2	Description of efforts to maintain traceability within the distribution chain	Product safety (Life Science) Quality & regulatory management (Life Science)
HC-MS-430a.3	Description of the management of risks associated with the use of critical materials	Sustainable supply chain management
Business Ethics		
HC-MS-510a.1	Total amount of monetary losses as a result of legal proceedings associated with bribery or corruption	Not reported
HC-MS-510a.2	Description of code of ethics governing interactions with health care professionals	Responsible interactions with healthcare systems Compliance management
Activity metrics		
HC-MS-000.A	Number of units sold by product category	Not reported

Semiconductors

Greenhouse Gas Emissions		
TC-SC-110a.1	(1) Gross global Scope 1 emissions	Indicators: environment
	(2) amount of total emissions from perfluorinated compounds	CDP Climate change
TC-SC-110a.2	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	Climate action
Energy Management in Manufacturing		
TC-SC-130a.1	(1) Total energy consumed	Indicators: environment
	(2) percentage grid electricity	40% See also: Indicators: environment
	(3) percentage renewable	Indicators: environment
Water Management		
TC-SC-140a.1	(1) Total water withdrawn	Indicators: environment
	(2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	Water management CDP Water Security
Waste Management		
TC-SC-150a.1	Amount of hazardous waste from manufacturing, percentage recycled	Indicators: environment
Employee Health & Safety		
TC-SC-320a.1	Description of efforts to assess, monitor, and reduce exposure of employees to human health hazards	Health and safety
TC-SC-320a.2	Total amount of monetary losses as a result of legal proceedings associated with employee health and safety violations	Not reported
Recruiting & Managing a Global & Skilled Workforce		
TC-SC-330a.1	Percentage of employees that are (1) foreign nationals and	Indicators: employees
	(2) located offshore	Indicators: employees

Product Lifecycle Management		
TC-SC-410a.1	Percentage of products by revenue that contain IEC 62474 declarable substances	Not reported
TC-SC-410a.2	Processor energy efficiency at a system-level for: (1) servers,	Not applicable
	(2) desktops,	Not applicable
	(3) laptops	Not applicable
Materials Sourcing		
TC-SC-440a.1	Description of the management of risks associated with the use of critical materials	Research & Development (Electronics) Report on risks and opportunities
Intellectual Property Protection & Competitive Behavior		
TC-SC-520a.1	Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations	Not reported
Activity metrics		
TC-SC-000.A	Total production	Not reported
TC-SC-000.B	Percentage of production from owned facilities	Not reported