



Kellogg Company

2021 Annual Report

SEC Form 10-K and Supplemental Information

Fiscal Year End: January 1, 2022

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 10-K

☒ **ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the Fiscal Year Ended January 1, 2022

☐ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For The Transition Period From To

Commission file number 1-4171

Kellogg Company

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of Incorporation
or organization)

38-0710690

(I.R.S. Employer Identification No.)

**One Kellogg Square
Battle Creek, Michigan 49016-3599**

(Address of Principal Executive Offices)

Registrant's telephone number: (269) 961-2000

Securities registered pursuant to Section 12(b) of the Securities Act:

Title of each class:	Trading symbol(s):	Name of each exchange on which registered:
Common Stock, \$.25 par value per share	K	New York Stock Exchange
0.800% Senior Notes due 2022	K 22A	New York Stock Exchange
1.000% Senior Notes due 2024	K 24	New York Stock Exchange
1.250% Senior Notes due 2025	K 25	New York Stock Exchange
0.500% Senior Notes due 2029	K 29	New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Securities Act: None

Indicate by a check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes ☒ No ☐

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15 (d) of the Act. Yes ☐ No ☒

Note — Checking the box above will not relieve any registrant required to file reports pursuant to Section 13 or 15(d) of the Exchange Act from their obligations under those Sections.

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	☒	Accelerated filer	☐
Non-accelerated filer	☐	Smaller reporting company	☐
		Emerging growth company	☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes ☐ No ☒

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report. Yes ☒ No ☐

The aggregate market value of the common stock held by non-affiliates of the registrant (assuming for purposes of this computation only that the W. K. Kellogg Foundation Trust, directors and executive officers may be affiliates) as of the close of business on July 2, 2021 was approximately \$17.9 billion based on the closing price of \$64.02 for one share of common stock, as reported for the New York Stock Exchange on that date.

As of January 29, 2022, 341,674,873 shares of the common stock of the registrant were issued and outstanding.

Parts of the registrant's Proxy Statement for the Annual Meeting of Shareowners to be held on April 29, 2022 are incorporated by reference into Part III of this Report.

PART I

ITEM 1. BUSINESS

The Company. Kellogg Company, founded in 1906 and incorporated in Delaware in 1922, and its subsidiaries are engaged in the manufacture and marketing of snacks and convenience foods.

The address of the principal business office of Kellogg Company is One Kellogg Square, P.O. Box 3599, Battle Creek, Michigan 49016-3599. Unless otherwise specified or indicated by the context, "Kellogg," the "Company," "we," "us" and "our" refer to Kellogg Company, its divisions and subsidiaries.

Financial Information About Segments. Information on segments is located in Note 16 within Notes to the Consolidated Financial Statements.

Principal Products. Our principal products are snacks, such as crackers, savory snacks, toaster pastries, cereal bars, granola bars and bites; and convenience foods, such as, ready-to-eat cereals, frozen waffles, veggie foods and noodles. These products were, as of February 22, 2022, manufactured by us in 21 countries and marketed in more than 180 countries. They are sold to retailers through direct sales forces for resale to consumers. We use broker and distributor arrangements for certain products and channels, as well as in certain geographies.

Our snacks brands are marketed under brands such as **Kellogg's, Cheez-It, Pringles, Austin, Parati, and RXBAR**. Our cereals and cereal bars are generally marketed under the **Kellogg's** name, with some under the **Kashi** and **Bear Naked** brands. Our frozen foods are marketed under the **Eggo** and **Morningstar Farms** brands.

We also market crackers, crisps, and other convenience foods, under brands such as **Kellogg's, Cheez-It, Pringles, and Austin**, to supermarkets in the United States through a variety of distribution methods.

Additional information pertaining to the relative sales of our products for the years 2019 through 2021 is located in Note 16 within Notes to the Consolidated Financial Statements, which are included herein under Part II, Item 8.

Environmental, Social and Governance (ESG) Leadership. In 2020, Kellogg launched a refreshed vision and purpose. Our vision is a good and just world where people are not just fed, but fulfilled. Our purpose is creating better days, and a place at the table for everyone, through our trusted food brands. Our vision and purpose are integrated into our Deploy For Growth business strategy. Our ESG leadership in areas like Nourishing with our Foods, Feeding People in Need, Nurturing our Planet, and Living our Founder's Values are key to how we bring our Vision and Purpose to life.

This work is not new - we've been making progress on these topics for many years and have been reporting our results annually through our Corporate Responsibility Report (soon to be called ESG report) and other disclosures since 2009. Each year, we assess which ESG topics are included and highlight progress on our commitments. We also report against the Sustainability Accounting Standards Board ("SASB") and Global Reporting Initiative ("GRI") reporting frameworks, as well as many other industry disclosures like CDP and the Dow Jones Sustainability Index. In 2021, Kellogg's sustainability performance is within the top 15% of our industry according to the 2021 S&P Global ESG Yearbook, making Kellogg among the world's highest performing sustainable companies.

Our Commitments. Kellogg's global ESG strategy, Kellogg's® Better Days™, has helped make billions of days better for people in need. In 2019, Kellogg expanded our commitments again to increase ambition, capture a broader set of goals, and align to the United Nations Sustainable Development Goals. Kellogg is addressing food security and creating Better Days for 3 billion people by the end of 2030, from a 2015 baseline. To do so, we're focused on the interconnected issues of wellbeing, hunger relief and climate resiliency to drive positive change for people, communities and the planet. Specifically, we are committed to:

- Nourishing 1 billion people by fostering well-being with our foods by delivering nutrients of need and addressing hidden hunger
- Feeding 375 million people in need through food donations and expanded child-feeding programs.
- Nurturing people and our planet by supporting 1 million farmers and workers while conserving natural resources across our value chain by meeting our science-based targets, responsibly sourcing our ingredients, reducing organic waste and providing sustainable packaging.
- Living our founder's values by engaging at least 1.5 billion people in the issue of global food security by advocating on behalf of children facing hunger, encouraging employee volunteerism, ensuring an ethical supply chain, and supporting diversity and inclusion.

Climate-Related Disclosure. Climate change and food security are core business issues for Kellogg to ensure the long-term health and viability of the ingredients we use in our products. As a grain-based food company, the success of Kellogg Company is dependent on having timely access to high quality, low cost ingredients, water and energy for manufacturing globally. Risks are identified annually through annual reporting and evaluated in the short (<3 years), medium (3 - 6 years) and long terms (>6 years). These natural capital dependencies are at risk of shortage, price volatility, regulation, and quality impacts due to climate change which is assessed as part of Kellogg's overall enterprise risk management approach. Specific risks including water stress and social accountability are specifically identified and assessed on a regular basis, especially in emerging market expansion that fuels company growth.

Due to these risks, Kellogg has implemented major short- and long-term initiatives to mitigate and adapt to these environmental pressures, as well as the resulting challenge of food security. While these risks are not currently impacting business growth, they must be monitored, evaluated, and mitigated. The Company has incorporated the risks and opportunities of climate change and food security as part of the Deploy For Growth Strategy and Kellogg's® Better Days™ by continuing to identify risk, incorporate sustainability indicators into strategic priorities, and report regularly to leadership, the Board, and publicly. Kellogg has been recognized as a 2021 CDP Supplier Engagement Leader, representing the top 7% of companies who disclosed to the full climate questionnaire.

Oversight. Kellogg Company's Social Responsibility and Public Policy Committee of the Board of Directors oversees our ESG strategy. Our Executive Committee, a committee composed of senior leaders including the Senior Vice President (SVP) of Global Corporate Affairs who reports to the Chairman and CEO, are responsible for successfully implementing the strategy and regularly updating the CEO and Board Committee. Our Chief Sustainability Officer (CSO) reports to the SVP of Global Corporate Affairs. Additionally, numerous leaders are accountable for achieving specific corporate responsibility commitments, based on their roles.

Raw Materials. Agricultural commodities, including corn, wheat, rice, potato flakes, vegetable oils, sugar and cocoa, are the principal raw materials used in our products. Cartonboard, corrugate, and plastic are the principal packaging materials used by us. We continually monitor world supplies and prices of such commodities (which include such packaging materials), as well as government trade policies. The cost of such commodities may fluctuate widely due to government policy and regulation, changing weather patterns and conditions, climate change, and other supply and/or demand impacting events such as a pandemic (such as the COVID-19 pandemic), geopolitical events, or other unforeseen circumstances. Continuous efforts are made to maintain and improve the quality and supply of such commodities for purposes of our short-term and long-term requirements.

The principal ingredients in the products produced by us in the United States include corn grits, wheat and wheat derivatives, potato flakes, oats, rice, cocoa and chocolate, soybeans and soybean derivatives, various fruits, sweeteners, vegetable oils, dairy products, eggs, and other ingredients, which are obtained from various sources. While most of these ingredients are purchased from sources in the United States, some materials are imported due to regional availability and specification requirements.

We enter into long-term contracts for the materials described in this section and purchase these items on the open market, depending on our view of possible price fluctuations, supply levels, and our relative negotiating power. Despite our ability to source materials necessary to meet increased demand for our products, certain ingredients, packaging and other goods and services have been adversely impacted by the COVID-19 pandemic. Although we are unable to predict the impact to our ability to source these materials and services in the future, we expect supply pressures, supply chain and logistics delays, and other disruptions to continue through 2022. As further discussed herein under Part II, Item 7A, we also use commodity futures and options to hedge some of our costs.

Raw materials and packaging needed for internationally based operations are available in adequate supply and are sourced both locally and imported from countries other than those where used in manufacturing.

Natural gas and propane are the primary sources of energy used to power processing equipment at major domestic and international facilities, although certain locations may use electricity, oil, propane or solar cells as needed. In addition, considerable amounts of diesel fuel are used in connection with the distribution of our products.

Trademarks. Generally, our products are marketed under trademarks we own. Our principal trademarks are our housemarks, brand names, slogans, and designs related to cereals, snacks and various other foods manufactured and marketed by us, and we also grant licenses to third parties to use these marks on various goods. These trademarks include **Kellogg's** for cereals, convenience foods and other products, and the brand names of certain ready-to-eat cereals, including **All-Bran**, **Apple Jacks**, **Cocoa Krispies**, **Kellogg's Corn Flakes**, **Corn Pops**, **Cracklin' Oat Bran**, **Crispix**, **Eggo**, **Froot Loops**, **Kellogg's Frosted Flakes**, **Krave**, **Frosted Krispies**, **Frosted**

Mini-Wheats, Mueslix, Kellogg's Raisin Bran, Raisin Bran Crunch, Rice Krispies, Rice Krispies Treats, Smacks/Honey Smacks, Special K, Special K Red Berries and **Smart Start** in the United States and elsewhere; **Sucrilhos, Kellogg's Extra, Radkau, Zoo Cartoon, Müsli**, and **Choco Krispis** for cereals in Latin America; **Vector** and **Two Scoops** in Canada; **Coco Pops, Choco Krispies, Frosties, Fruit 'n Fibre, Kellogg's Crunchy Nut, Krave, Honey Loops, Kellogg's Extra, Country Store, Smacks, Pops, Honey Bsss, Croco Copters, Chombos, W.K. Kellogg, Toppas** and **Tresor** for cereals in Europe; and **Froot Ring, Guardian, Just Right, Sultana Bran, Frosties, Rice Bubbles, Nutri-Grain**, and **Sustain** for cereals in Asia and Australia. Additional trademarks are the names of certain combinations of ready-to-eat **Kellogg's** cereals, including **Fun Pak** and **Variety**.

Other brand names include **Kellogg's** Corn Flake Crumbs; **Choco Krispis, Crunchy Nut, Kashi, Nutri-Grain, Special K, Squares, Zucaritas, Kashi** and **Sucrilhos** for cereal bars; **Pop-Tarts** for toaster pastries; **Eggo, Kashi** and **Nutri-Grain** for frozen waffles and pancakes; **MorningStar Farms** and **Special K** for breakfast sandwiches; **Rice Krispies Treats** for convenience foods; **Special K** protein shakes; **Nutri-Grain** cereal bars for convenience foods in the United States and elsewhere; **K-Time, Sunibrite, Split Stix, Be Natural** and **LCMs** for convenience foods in Australia; **Choco Krispies, Coco Pops, Crunchy Nut, Frosties** and **Rice Krispies Squares** for convenience foods in Europe; **Kashi** for certain cereals, convenience foods, and frozen foods; **Kashi Go** for cereals and nutrition bars; **Special K** and **Vector** for meal bars; **Bear Naked** for granola cereal and snack bites, **Pringles** for crisps; and **Morningstar Farms, Incogmeato, Veggitzers** and **Gardenburger** for certain meat alternatives.

We also market convenience foods under trademarks and tradenames which include **Austin, Bisco, Cheez-It, Club, Luxe, Minueto, Parati, RXBAR, Special K, Toasteds, Town House, Zesta** and **Zoo Cartoon** and beverages under the **Trink** trademark. One of our subsidiaries is also the exclusive licensee of the **Carr's** cracker line in the United States.

Our trademarks also include logos and depictions of certain animated characters in conjunction with our products, including **Snap! Crackle! Pop!** for **Cocoa Krispies** and **Rice Krispies** cereals and **Rice Krispies Treats** convenience foods; **Tony the Tiger** for **Kellogg's Frosted Flakes, Zucaritas, Sucrilhos** and **Frosties** cereals and convenience foods; **Toucan Sam** for **Froot Loops** and **Froot Rings** cereal; **Dig 'Em** for **Smacks/Honey Smacks** cereal; **Sunny** for **Kellogg's Raisin Bran, Two Scoops** and **Raisin Bran Crunch** cereals; **Coco** the Monkey for **Coco Pops, Choco Krispies** and **Chocos** cereal; **Cornelius** (aka Cornelio) for **Kellogg's Corn Flakes**; **Melvin** the Elephant for certain cereal and convenience foods; **Chocovore, Poperto, Cerealdo** and **Sammy the Seal** (aka **SmaxeY** the Seal) for certain cereal products; and **Mr. P** or **Julius Pringles** for Pringles crisps.

The slogans **The Original & Best, They're Gr-r-reat!** and **Follow Your Nose**, are used in connection with our ready-to-eat cereals, along with **L' Eggo my Eggo** and **L'Eggo with Eggo**, used in connection with our frozen waffles, pancakes and French toast sticks, and **Snack Stacks** used in connection with potato crisps are also important Kellogg trademarks.

The trademarks listed above, among others, when taken as a whole, are important to our business. Certain individual trademarks are also important to our business. Depending on the jurisdiction, trademarks are generally valid as long as they are in use and/or their registrations are properly maintained and they have not been found to have become generic. Registrations of trademarks can also generally be renewed indefinitely as long as the trademarks are in use.

Seasonality. Demand for our products is generally level throughout the year, although some of our convenience foods have a bias for stronger demand in the second half of the year due to events and holidays.

Working Capital. A description of our working capital is included in the Liquidity section of MD&A within Item 7 of this Report.

Customers. Our largest customer, Wal-Mart Stores, Inc. and its affiliates, accounted for approximately 19% of consolidated net sales during 2021, comprised principally of sales within the United States. No other customer accounted for greater than 10% of net sales in 2021. During 2021, our top five customers, collectively, including Wal-Mart, accounted for approximately 32% of our consolidated net sales and approximately 53% of U.S. net sales. There has been significant worldwide consolidation in the grocery industry and we believe that this trend is likely to continue. Although the loss of any large customer for an extended length of time could negatively impact our sales and profits, we do not anticipate that this will occur to a significant extent due to the consumer demand for our products and our relationships with our customers. Our products have been generally sold through our own sales

forces and through broker and distributor arrangements, and have been generally resold to consumers in retail stores, restaurants, and other food service establishments.

Backlog. For the most part, orders are filled within a few days of receipt and are subject to cancellation at any time prior to shipment. The backlog of any unfilled orders at January 1, 2022 and January 2, 2021 was not material to us.

Competition. We have experienced, and expect to continue to experience, intense competition for sales of all of our principal products in our major product categories, both domestically and internationally. Our products compete with advertised and branded products of a similar nature as well as unadvertised and private label products, which are typically distributed at lower prices, and generally with other food products. Principal methods and factors of competition include new product introductions, product quality, taste, convenience, nutritional value, price, advertising and promotion.

Research and Development. Research to support and expand the use of our existing products and to develop new food products is carried on at the W. K. Kellogg Institute for Food and Nutrition Research in Battle Creek, Michigan, and at other locations around the world. Our expenditures for research and development were approximately (in millions): 2021-\$134; 2020-\$135; 2019-\$144. Information concerning our research and development expense is located in Note 1 within Notes to the Consolidated Financial Statements.

Regulation. Our activities in the United States are subject to regulation by various government agencies, including the Food and Drug Administration, Federal Trade Commission and the Departments of Agriculture, Commerce and Labor, as well as voluntary regulation by other bodies. Various state and local agencies also regulate our activities. Other agencies and bodies outside of the United States, including those of the European Union and various countries, states and municipalities, also regulate our activities.

Environmental Matters. Our facilities are subject to various U.S. and foreign, federal, state, and local laws and regulations regarding the release of material into the environment and the protection of the environment in other ways. We are not a party to any material proceedings arising under these regulations. We believe that compliance with existing environmental laws and regulations will not materially affect our consolidated financial condition or our competitive position.

Human Capital Resources. On January 1, 2022, we had approximately 31,000 employees. We are also party to numerous collective bargaining agreements. Our human capital objectives include attracting, developing, engaging, rewarding and retaining our employees.

Equity, Diversity and Inclusion: In 2005, Kellogg established an Office of Diversity & Inclusion. Since this time, our Company has enhanced our strategy to lead with Equity and be known as the Office of Equity, Diversity and Inclusion. This office has been focused on recruiting and retaining employees, creating awareness of diversity issues, fostering a supportive, positive environment where inclusive behaviors are the norm, and embedding accountability for diversity throughout the organization. Our goal is to reflect the diversity of our consumers throughout our Company. We report to our Board of Directors on a periodic basis about the actions we have taken to make progress on our ED&I journey, and we are firmly committed to continuing to advance our ED&I priorities. Our focus on equity, diversity and inclusion enables us to build a culture where employees are inspired to share their passion, talents and ideas. Our eight Business Employee Resource Groups, which include KVets and Supporters, Kellogg Multinational Employee Resource Group, Kellogg's Young Professionals, Kellogg African American Resource Group, Women of Kellogg, Hola (our Latino resource group), KPride & Allies (our LGBTQ+ resource group), and Kapable (our resource group for people with disabilities and their supporters), also play a critical role in attracting diverse talent, providing mentoring and career development opportunities, delivering commercial business insights and connecting people to the Company and the communities where we do business. Through many initiatives, supported by our Business Employee Resource Groups and ED&I Champions, several leading organizations recognized Kellogg for our commitment to building and supporting equity, diversity and inclusion in our workplace, marketplace and the communities where we work and live. These include Diversity Inc., Social Corporate Equity Index, Diversity Best Practice Index and Human Rights Campaign (HRC) Best Places to Work for LGBTQ Equality, to name a few.

Training and Development: We invest in ongoing leadership development through programs such as our Step UP program for future managers, our Accelerate program for experienced managers and our executive leadership training program for developing our future leaders.

Employee Engagement: We communicate frequently and transparently with our employees through a variety of engagement vehicles, from externally managed global opinion surveys to weekly check-ins via our internal global recognition platform. We also provide a wide array of opportunities for volunteerism through Kellogg's "Better Days" commitment, and provide matching donations for employees' service to charities of their choosing in many regions.

Total Rewards: We provide a market-based competitive compensation through our salary, annual incentive and long-term incentive programs, and a benefits package that promotes employee well-being across all aspects of their lives, including physical, financial, social and emotional wellbeing. We sponsor a number of benefit plans for eligible employees in the United States and various foreign locations, including defined benefit pension plans, defined contributions retirement plans, retiree health and welfare, active health care, severance and other postemployment benefits. We continually review and implement new programs around the world to meet the evolving needs of our employees, including, but not limited to benefit programs for same sex partners and progressive leave benefits (e.g., paternity/maternity and active Military). We are also offering flexible work arrangements across our global population.

Health and Wellness: We aim to create a culture where all colleagues feel supported and valued is in line with our corporate mission. The ongoing COVID-19 pandemic has led to unique challenges and we are striving to ensure the health, safety and general well-being of our colleagues. We continue to evolve our programs to meet our colleagues' health and wellness needs, which we believe is essential to attract and retain employees of the highest caliber, and we offer a competitive benefits package focused on fostering work/life integration. In 2019, we launched My Total Health, our global employee wellbeing framework. It addresses physical, financial, social and emotional wellbeing to support our employee's personal goals. On an ongoing basis, we focus on each aspect of wellbeing and provide useful information, education, tools and resources. For example, Kellogg hosted a global employee Emotional Health event on Mindfulness in acknowledgement of World Mental Health Day. In North America, we relaunched our "Find your Wings" employee assistance program, to provide more access to valuable Mental Health resources. We also launched our "Lean on Me" program to train employees on how to identify other employees that may be struggling with mental health challenges and pointing them towards our available resources. We also provide company paid access to gyms and mindfulness resources in many parts of the world. Most of our locations now use the My Total Health framework to guide how they communicate and engage with employees in support of their wellbeing.

Company Ethics: The Company has processes in place for compliance with the Code of Conduct for Kellogg Company Board of Directors and Global Code of Ethics for Kellogg Company employees, each including a requirement for annual certification that provides employees an opportunity to disclose actual or potential conflicts of interest, report actual or potential violations of the law, the Code or policy and acknowledge their obligation to comply with the applicable code. The Company regularly re-enforces our commitment to ethics and integrity in employee communications, in our everyday actions and through our processes. In addition, the Company provides targeted training across the globe during the course of the year. The Company also maintains an ethics related hotline, managed by a third party, through which individuals can anonymously raise concerns or ask questions about business behavior.

[Financial Information About Geographic Areas.](#) Information on geographic areas is located in Note 16 within Notes to the Consolidated Financial Statements, which are included herein under Part II, Item 8.

[Executive Officers.](#) The names, ages, and positions of our executive officers (as of February 22, 2022) are listed below, together with their business experience. Executive officers are elected annually by the Board of Directors.

Nicolas Amaya

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Senior Vice President, Kellogg Company
President, Kellogg Latin America

Mr. Amaya assumed his current position in November 2019. Mr. Amaya joined Kellogg Company in 2001 as a Marketing Intern for Eggo in the United States. Since then, he has held a variety of leadership positions in the U.S. and Latin America across the cereal, frozen and snacks businesses. Among his many contributions, Mr. Amaya led the complex and challenging regional integration of Pringles in 2012. In April 2013, he was appointed General Manager, Snacks and Growth Platforms for Latin America, and in 2015, he stepped up to the role of Vice President and General Manager, Category Marketing and Innovation, Latin America. He was promoted to Vice President and General Manager for Mexico in October 2016. Prior to Kellogg, Mr. Amaya held various marketing roles at Unilever Andina in the personal care division.

Amit Banati

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Senior Vice President and Chief Financial Officer

Mr. Banati has been Senior Vice President, Chief Financial Officer and Principal Financial Officer, Kellogg Company, since July 2019. Mr. Banati joined Kellogg in March 2012 as President, Asia Pacific, and his responsibilities were expanded to President, Asia Pacific, Middle East and Africa in July 2018. Before joining Kellogg Company, Mr. Banati served in a variety of finance, general management and board roles at Kraft Foods, Cadbury Schweppes and Procter & Gamble. He has worked extensively across the Asia Pacific and Africa region. At Kraft Foods he was President, North Asia and Asia Pacific Strategy. Prior to that, Mr. Banati served as President, Pacific, for Cadbury Schweppes and Chairman of Cadbury Schweppes Australia. He was a member of the company's Chief Executive Committee. He also served as the Chief Financial Officer for Cadbury Schweppes Asia Pacific.

Steven A. Cahillane

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Chairman and Chief Executive Officer

Mr. Cahillane has been Chairman of the Board of Kellogg Company since March 2018, and President and Chief Executive Officer since October 2017. He has also served as a Kellogg Director since October 2017. Prior to joining Kellogg, Mr. Cahillane served as Chief Executive Officer and President, and as member of the board of directors, of Alphabet Holding Company, Inc., and its wholly-owned operating subsidiary, The Nature's Bounty Co., from September 2014. Prior to that, Mr. Cahillane served as Executive Vice President of The Coca-Cola Company from February 2013 to February 2014 and President of Coca-Cola Americas, the global beverage maker's largest business, with \$25 billion in annual sales at that time, from January 2013 to February 2014. Mr. Cahillane served as President of various Coca-Cola operating groups from 2007 to 2012. He has also been a trustee of the W. K. Kellogg Foundation Trust since 2018.

Kurt D. Forche

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Vice President and Corporate Controller

Mr. Forche was appointed Vice President and Corporate Controller, Kellogg Company, in July 2018. Previously, Mr. Forche served as Vice President, Assistant Corporate Controller since December 2016. Mr. Forche joined Kellogg as an internal auditor in 1997, subsequently holding a number of Finance roles in the North American business until being named Senior Director, Corporate Financial Reporting in April 2014. Prior to joining Kellogg in 1997, he spent four years at Price Waterhouse as an auditor.

Alistair D. Hirst

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Senior Vice President, Global Supply Chain

Mr. Hirst assumed his current position in April 2012. He joined the company in 1984 as a Food Technologist at the Springs, South Africa, plant. While at the facility, he was promoted to Quality Assurance Manager and Production Manager. From 1993 to 2001, Mr. Hirst held numerous positions in South Africa and Australia, including Production Manager, Plant Manager, and Director, Supply Chain. In 2001, Mr. Hirst was promoted to Director, Procurement at the Manchester, England, facility and was later named European Logistics Director. In 2005, he transferred to the U.S. when promoted to Vice President, Global Procurement. In 2008, he was promoted to Senior Vice President, Snacks Supply Chain and to Senior Vice President, North America Supply Chain, in October 2011. Mr. Hirst is retiring from the Company at the end of April 2022. In accordance with succession plans, Rodrigo Lance, currently Vice President, Kellogg North America Supply Chain, will succeed Mr. Hirst effective March 1, 2022.

Christopher M. Hood

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Senior Vice President, Kellogg Company
President, Kellogg North America

Mr. Hood assumed his current position in July 2018. He most recently served as President, Kellogg Europe from 2013 to 2018. Mr. Hood joined Kellogg Company in 2012 as the Vice President of European Snacks. Prior to Kellogg, he served The Procter and Gamble Company starting in 1993, and had a distinguished 19-year career in Marketing and General Management, based in Cincinnati, Ohio. Mr. Hood has held a number of Board roles across the Food and Beverage Industry. He currently serves on the Consumer Brands Association Board of Directors and FMI Foundation Board of Trustees.

Melissa A. Howell

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Senior Vice President, Global Human Services

Ms. Howell assumed her current position in June 2016. Prior to joining Kellogg, she was Chief Human Resources Officer for Rockford, Michigan-based Wolverine Worldwide since 2014. Prior to Wolverine, Ms. Howell spent 24 years with General Motors where she led a team of 2,800 Human Resource professionals worldwide, supporting a global business at one of the top automotive companies in the world, and also among the largest public corporations. Ms. Howell joined General Motors as a Labor Relations Representative at its Ypsilanti, Michigan, assembly plant in 1990. Over the following years, she served in a series of key human resource leadership roles in Europe, Asia and U.S. leading teams on six continents across an array of functional areas. Ms. Howell was promoted to Executive Director of North American Human Resources in 2011 and subsequently promoted to Senior Vice President of Global Human Resources.

Shumit Kapoor

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Senior Vice President, Kellogg Company
President, Kellogg Asia Pacific, Middle East and Africa

Mr. Kapoor assumed his current position in July 2020. Prior to joining Kellogg, he was Regional President, Pet Nutrition, Asia Pacific for Mars Inc. from January 2017 to June 2020. In this role, Mr. Kapoor had additional oversight of the confectionary and food business in Japan and New Zealand. Prior to that, he was Regional President, Asia Pacific, for Mars' Royal Canin business from January 2015 to December 2016. Mr. Kapoor served in various leadership roles at Mars Inc., starting his career as General Manager, South East Asia and India Mars Multisales in July 2011. Prior to Mars Inc., Mr. Kapoor was with Nokia from 2005 to 2011 and Procter & Gamble from 1993 to 2005.

David Lawlor

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Senior Vice President, Kellogg Company
President, Kellogg Europe

Mr. Lawlor assumed his current position in July 2018. He most recently served as Vice President, European Cereal from November 2017 to June 2018. Mr. Lawlor began his career at Kellogg in 1991, joining as a sales manager in its Dublin office. Following this, he held a number of senior roles, including running the company's Middle Eastern business, setting up its Dubai office. Mr. Lawlor then served as General Manager of Kellogg Russia from October 2008 to August 2016 and led the integration of United Bakers Group, a local biscuit and cracker manufacturer. In August 2016, he was appointed Managing Director, UK/ROI where he refocused Kellogg's efforts to stabilize and grow its core cereal business.

Monica H. McGurk

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Senior Vice President, Chief Growth Officer

Ms. McGurk assumed her current position in January 2019. Ms. McGurk began her career at Kellogg in July 2018, serving as Chief Revenue and eCommerce Officer. Prior to Kellogg, Ms. McGurk was the Chief Growth Officer for Tyson Foods, Inc. through September 2017, having previously joined the company in 2016 as Executive Vice President of Strategy and New Ventures & President of Foodservice. Prior to joining Tyson Foods, Inc., Ms. McGurk worked for The Coca-Cola Company as Senior Vice President, Strategy, Decision Support and eCommerce, North America Group from 2014 to 2016, and as Vice President, Strategy and eCommerce from 2012 to 2014. Ms. McGurk is leaving the Company on March 11, 2022.

Gary H. Pilnick

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Vice Chairman, Corporate Development
and Chief Legal Officer

Mr. Pilnick was appointed Vice Chairman, Corporate Development and Chief Legal Officer in January 2016. In August 2003, he was appointed Senior Vice President, General Counsel and Secretary and assumed responsibility for Corporate Development in June 2004. He joined Kellogg as Vice President — Deputy General Counsel and Assistant Secretary in September 2000 and served in that position until August 2003. Before joining Kellogg, he served as Vice President and Chief Counsel of Sara Lee Branded Apparel and as Vice President and Chief Counsel, Corporate Development and Finance at Sara Lee Corporation.

Availability of Reports; Website Access; Other Information. Our internet address is <http://www.kelloggcompany.com>. Through “Investor Relations” — “Financial Reports” — “SEC Filings” on our home page, we make available free of charge our proxy statements, our annual report on Form 10-K, our quarterly reports on Form 10-Q, our current reports on Form 8-K, SEC Forms 3, 4 and 5 and any amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934 as soon as reasonably practicable after we electronically file such material with, or furnish it to, the Securities and Exchange Commission. Our reports filed with the Securities and Exchange Commission are also made available to read and copy at the SEC’s Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. You may obtain information about the Public Reference Room by contacting the SEC at 1-800-SEC-0330. Reports filed with the SEC are also made available on its website at www.sec.gov.

Copies of the Corporate Governance Guidelines, the Charters of the Audit, Compensation and Talent Management, and Nominating and Governance Committees of the Board of Directors, the Code of Conduct for Kellogg Company directors and Global Code of Ethics for Kellogg Company employees (including the chief executive officer, chief financial officer and corporate controller) can also be found on the Kellogg Company website. Any amendments or waivers to the Global Code of Ethics applicable to the chief executive officer, chief financial officer and corporate controller can also be found in the “Investor Relations” section of the Kellogg Company website. Shareowners may also request a free copy of these documents from: Kellogg Company, P.O. Box CAMB, Battle Creek, Michigan 49016-9935 (phone: (800) 961-1413), Investor Relations Department at that same address (phone: (269) 961-2800) or investor.relations@kellogg.com.

Forward-Looking Statements. This Report contains “forward-looking statements” with projections and expectations concerning, among other things, the Company’s restructuring programs, the integration of acquired businesses, our strategy, financial principles, and plans; initiatives, improvements and growth; sales, margins, advertising, promotion, merchandising, brand building, operating profit, and earnings per share; innovation; investments; capital expenditures; asset write-offs and expenditures and costs related to productivity or efficiency initiatives; the impact of accounting changes and significant accounting estimates; our ability to meet interest and debt principal repayment obligations; minimum contractual obligations; future common stock repurchases or debt reduction; effective income tax rate; cash flow and core working capital improvements; interest expense; commodity and energy prices; ESG performance; and employee benefit plan costs and funding. Forward-looking statements include predictions of future results or activities and may contain the words “expect,” “believe,” “will,” “can,” “anticipate,” “estimate,” “project,” “should,” or words or phrases of similar meaning. For example, forward-looking statements are found in this Item 1 and in several sections of Management’s Discussion and Analysis. Our actual results or activities may differ materially from these predictions.

Our future results could be affected by a variety of other factors, including uncertainty of the magnitude, duration, geographic reach, impact on the global economy and current and potential travel restrictions of the COVID-19 outbreak, the current, and uncertain future, impact of the COVID-19 outbreak on our business, growth, reputation, prospects, financial condition, operating results (including components of our financial results), and cash flows and liquidity, the residual impact of the 12-week labor strike at the Company’s U.S. cereal plants and a fire at one of the plants, the ability to implement restructurings as planned, whether the expected amount of costs associated with restructurings will differ from forecasts, whether the Company will be able to realize the anticipated benefits from restructurings in the amounts and times expected, the ability to realize the anticipated benefits and synergies from business acquisitions in the amounts and at the times expected, the impact of competitive conditions, the effectiveness of pricing, advertising, and promotional programs; the success of innovation, renovation and new product introductions; the success of our Better Days and sustainability programs; the recoverability of the carrying value of goodwill and other intangibles, the success of productivity improvements and business transitions, commodity and energy prices, transportation costs, labor costs, disruptions or inefficiencies in supply chain, the availability of and interest rates on short-term and long-term financing, actual market performance of benefit plan trust investments, the levels of spending on systems initiatives, properties, business opportunities, integration of acquired businesses, and other general and administrative costs, changes in consumer behavior and preferences, the effect of U.S. and foreign economic conditions on items such as interest rates, statutory tax rates, currency conversion and availability, legal and regulatory factors including changes in food safety, advertising and labeling laws and regulations, the ultimate impact of product recalls; business disruption or other losses from war, terrorist acts or political unrest; and the risks and uncertainties described in Item 1A below. Forward-looking statements speak only as of the date they were made, and we undertake no obligation to publicly update them.

ITEM 1A. RISK FACTORS

In addition to the factors discussed elsewhere in this Report, the following risks and uncertainties could materially adversely affect our business, financial condition and results of operations. Additional risks and uncertainties not presently known to us or that we currently deem immaterial also may impair our business operations and financial condition.

Risks Related to Our Business

The COVID-19 pandemic could materially adversely affect our business, financial condition, results of operations and/or cash flows. The severity, magnitude and duration of the current COVID-19 pandemic continues to be uncertain and rapidly changing as a result of new variants and vaccines. Measures enacted by authorities, and actions taken by the Company, to mitigate the spread of the COVID-19 pandemic, such as travel bans and restrictions, quarantines, shelter-in-place orders and shutdowns, have impacted and may further impact all or portions of our workforce and operations, the operations of our customers, and those of our respective vendors and suppliers. There is no certainty that measures taken by governmental authorities will be sufficient to mitigate the risks posed by the COVID-19 pandemic, and our ability to perform critical functions could be harmed. Additionally, such measures could, in and of themselves, impact our ability to perform critical functions. A shutdown of one or more of our manufacturing, warehousing or distribution facilities as a result of illness, government restrictions or other workforce disruptions or absenteeism, or reductions in capacity utilization levels, could result in us incurring additional direct costs and experiencing lost revenue. Illness, travel restrictions or workforce disruptions could negatively affect our supply chain, manufacturing, distribution or other business. The COVID-19 pandemic could disrupt our supply chain, operations and routes to market or those of our suppliers, their suppliers or our brokers or distributors. These disruptions or our failure to effectively respond to them, could increase product or distribution costs, or cause delays or inability to deliver products to our customers. We have experienced temporary disruptions to our supply chain in certain markets. These disruptions to our work force and supply could have a material adverse effect on our business, results of operations, financial condition and cash flows.

The COVID-19 pandemic has also significantly increased economic and demand uncertainty, including inflation, interest rates, availability of capital markets, consumer spending rates and energy availability and costs (including fuel surcharges). We expect the COVID-19 pandemic may result in lower revenues in some of our emerging market countries that have a higher concentration of traditional trade outlets (such as small family-run stores).

The duration and significance of this sustained demand is uncertain. Although our business has benefited from some of these measures, volatility in financial markets and deterioration of national and global economic conditions could impact our business and operations in a variety of ways, including as follows:

- Consumers may shift purchases to more generic, lower-priced, or other value offerings, or may forego certain purchases altogether during economic downturns, which could result in a reduction in sales of higher margin products or a shift in our product mix to lower margin offerings adversely affecting the results of our operations;
- Disruptions or uncertainties related to the COVID-19 pandemic could result in delays or modifications to our strategic plans and initiatives and hinder our ability to achieve our objective to reduce our operating cost structure in both our supply chain and overhead costs;
- Fluctuations in currency exchange rates between the U.S. dollar and currencies in the countries in which we operate could negatively affect our reported results of operations and financial results due to currency translation losses and currency transaction losses;
- A significant portion of our workforce, including our management team, could become unable to work as a result of illness or government restrictions, or the attention of our management team could be diverted if key employees become ill from COVID-19 and unable to work;
- An increased reliance on our information technology systems due to many employees working remotely causing us to be increasingly subject to cyberattack;
- A shutdown of one or more of our manufacturing, warehousing or distribution facilities, or disruption in our supply chain, including but not limited to, as a result of illness, government restrictions or other workforce disruptions;

- An inability to effectively modify our trade promotion and advertising activities to reflect changing consumer shopping habits due to, among other things, reduced in-store visits and travel restrictions;
- Decreased demand for our products due to unemployment as a result of the COVID-19 pandemic;
- Volatility in commodity and other input costs could substantially impact our result of operations and our commodity hedging activities might not sufficiently offset this volatility;
- Volatility in the equity markets or interest rates could substantially impact our pension costs and required pension contributions; and
- Increased volatility and pricing in the capital markets and commercial paper markets could limit our access to our preferred sources of liquidity when we would like, and our borrowing costs could increase.

These and other impacts of the COVID-19 pandemic could have the effect of heightening many of the other risks described in this section, such as those relating to our reputation, brands, product sales, results of operations or financial condition. The severity, magnitude and duration of the current COVID-19 pandemic is uncertain, rapidly changing and depends on events beyond our knowledge or control. We might not be able to anticipate or respond to all impacts on a timely basis to prevent near- or long-term adverse impacts to our results. As a result, the impact of the COVID-19 pandemic could have a material adverse effect on our business, results of operations, financial condition and cash flows.

We may not realize the benefits we expect from revenue growth management. We are utilizing formal revenue growth management practices to help us realize price in a more effective way. This data-driven approach addresses price strategy, price-pack architecture, promotion strategy, mix management, and trade strategies. Revenue growth management involves changes to the way we do business and may not always be accepted by our customers, consumers or third-party providers causing us not to realize the anticipated benefits. In addition, the complexity of the execution requires a substantial amount of management and operational resources. These and related demands on our resources may divert the organization's attention from other business issues and have adverse effects on existing business relationships with suppliers and customers. Any failure to execute revenue growth management in accordance with our plans could adversely affect our business or financial condition.

Our results may be negatively impacted if consumers do not maintain their favorable perception of our brands. We have a number of iconic brands with significant value. Promoting and protecting the value of these brands is critical to the success of our business. Brand value is based in large part on consumer perceptions. Success in promoting and enhancing brand value depends in large part on our ability to provide high-quality products. Brand value could diminish significantly due to a number of factors, including consumer perception that we, or any of our employees or agents, have acted in an irresponsible manner, adverse publicity about our labor relations (whether or not valid), our products (whether or not valid), our failure to maintain the quality of our products, the failure of our products to deliver consistently positive consumer experiences, the products becoming unavailable to consumers, or the failure to meet the nutrition expectations of our products or particular ingredients in our products (whether or not valid), including whether certain of our products are perceived to contribute to obesity. In addition, due to our varied and geographically diverse consumer base, we must be responsive to local consumer needs, including with respect to when and how consumers consume food products and their desire for premium or value offerings, provide an array of products that satisfy the broad spectrum of consumer preferences. Accordingly, we might fail to anticipate consumer preferences with respect to dietary trends or purchasing behaviors, invest sufficiently in maintaining, extending and expanding our brand image or achieve the desired efforts of our marketing efforts or use data-driven marketing and advertising to reach consumers at the right time with the right message. The growing use of social and digital media platforms by consumers, Kellogg and third parties increases the speed and extent that information or misinformation and opinions can be shared. Negative posts or comments about Kellogg, our brands, our products, our labor relations or any of our employees or agents on social or digital media platforms could seriously damage our brands, reputation and brand loyalty, regardless of the information's accuracy. The harm may be immediate without affording us an opportunity for redress or correction. Brand recognition and loyalty can also be impacted by the effectiveness of our advertising campaigns, marketing programs and sponsorships, as well as our use of social media. If we do not maintain the favorable perception of our brands, our results could be negatively impacted.

Unanticipated business disruptions could have an adverse effect on our business, financial condition and results of operations. We manufacture and source products and materials on a global scale. We have a complex

network of suppliers, owned manufacturing locations, contract manufacturer locations, warehousing and distribution networks and information systems that support our ability to provide our products to our customers consistently. Our ability to make, move and sell products globally is critical to our success. Factors that are hard to predict or beyond our control, such as product or raw material scarcity, weather (including any potential effects of climate change), natural disasters, water availability, fires or explosions, terrorism, political unrest, government restrictions, mandates or shutdowns, tariffs and other trade restrictions, cybersecurity breaches, health pandemics, such as the COVID-19 pandemic, disruptions in logistics, loss or impairment of key manufacturing sites, supplier capacity constraints, or strikes, could damage or disrupt our operations or our suppliers', their suppliers or our contract manufacturers' operations. If we do not effectively prepare for and respond to disruptions in our operations, for example, by finding alternative suppliers or replacing capacity at key manufacturing or distribution locations, or cannot quickly repair damage to our information, technology, production or supply systems, we may be late in delivering or unable to deliver products to our customers. If that occurs, we may lose our customers' confidence, and long-term consumer demand for our products could decline. In addition, insurance policies that may provide coverage with regard to such events may not cover any or all of the resulting financial losses. These events could adversely affect our business, financial condition and results of operations.

We have experienced temporary workforce disruptions in our supply chain as a result of the COVID-19 pandemic. We have implemented employee safety measures, based on guidance from the Centers for Disease Control and Prevention and World Health Organization, across all our supply chain facilities, including proper hygiene, social distancing, mask use, and temperature screenings. Illness, travel restrictions, absenteeism, or other workforce disruptions could negatively affect our supply chain, manufacturing, distribution, or other business processes.

The Union representing employees at our US ready to eat cereal manufacturing locations went on strike for almost three months in 2021 related to negotiations of a collectively bargained agreement covering employees at those plants, resulting in business disruptions in the fourth quarter of fiscal 2021 and the first quarter of fiscal 2022. We may face additional production disruptions in the future, which may place constraints on our ability to produce products in a timely manner or may increase our costs.

In addition, we experienced increased demand for many of our products during the COVID-19 pandemic and were, at times, unable to fill all customer orders. Short term or sustained increases in consumer demand at our retail customers may exceed our production capacity or otherwise strain our supply chain. Our failure to meet the demand for our products could adversely affect our business and results of operations.

We may not achieve our targeted cost savings and efficiencies from cost reduction initiatives. Our success depends in part on our ability to be an efficient producer in a highly competitive industry. We have invested a significant amount in capital expenditures to improve our operational facilities. Ongoing operational issues are likely to occur when carrying out major production, procurement, or logistical changes and these, as well as any failure by us to achieve our planned cost savings and efficiencies, could have a material adverse effect on our business and consolidated financial position and on the consolidated results of our operations and profitability.

We have delayed the implementation of system upgrades and certain other cost-saving and productivity initiatives due to the COVID-19 pandemic and supply chain disruptions. Continued disruptions and uncertainties related to the COVID-19 pandemic for a sustained period of time could result in additional delays or modifications to our strategic plans and other initiatives and hinder our ability to achieve our cost savings and productivity initiatives on the same timelines.

Structural and Organizational Risks

If we pursue strategic acquisitions, alliances, divestitures or joint ventures, we may not be able to successfully consummate favorable transactions or successfully integrate acquired businesses. From time to time, we may evaluate potential acquisitions, alliances, divestitures or joint ventures that would further our strategic objectives. With respect to acquisitions, we may not be able to identify suitable candidates, consummate a transaction on terms that are favorable to us, or achieve expected returns, expected synergies and other benefits as a result of integration challenges, or may not achieve those objectives on a timely basis. Future acquisitions of foreign companies or new foreign ventures would subject us to local laws and regulations and could potentially lead to risks related to, among other things, increased exposure to foreign exchange rate changes, government price control, repatriation of profits and liabilities relating to the U.S. Foreign Corrupt Practices Act (the "FCPA").

With respect to proposed divestitures of assets or businesses, we may encounter difficulty in finding acquirers or alternative exit strategies on terms that are favorable to us, which could delay the accomplishment of our strategic objectives, or our divestiture activities may require us to recognize impairment charges. Companies or operations acquired or joint ventures created may not be profitable or may not achieve sales levels and profitability that justify the investments made. Our corporate development activities may present financial and operational risks, including diversion of management attention from existing core businesses, integrating or separating personnel and financial and other systems, and adverse effects on existing business relationships with suppliers and customers. Future acquisitions could also result in potentially dilutive issuances of equity securities, the incurrence of debt, contingent liabilities and/or amortization expenses related to certain intangible assets and increased operating expenses, which could adversely affect our results of operations and financial condition.

To the extent we undertake divestitures in the future, we may face additional risks related to such activity. For example, risks related to our ability to find appropriate buyers, to execute transactions on favorable terms, to separate divested businesses from our remaining operations, and to effectively manage any transitional service arrangements. Any of these factors could materially and adversely affect our financial condition and operating results.

We may not be able to attract, develop and retain the highly skilled people we need to support our business. We depend on the skills and continued service of key personnel, including our experienced management team. In addition, our ability to achieve our strategic and operating goals depends on our ability to identify, recruit, hire, train and retain qualified individuals, including individuals with e-commerce, digital marketing and data analytics capabilities. We compete with other companies both within and outside of our industry for talented personnel, and we may lose key personnel or fail to attract, recruit, train, develop and retain other talented personnel. Any such loss, failure or negative perception with respect to these individuals may adversely affect our business or financial results. In addition, activities related to identifying, recruiting, hiring and integrating qualified individuals may require significant time and expense. We may not be able to locate suitable replacements for any key employees who terminate their employment or become ill as a result of COVID-19, or offer employment to potential replacements on reasonable terms, each of which may adversely affect our business and financial results. Additionally, changes in immigration laws and policies could also make it more difficult for us to recruit or relocate skilled employees.

Risks Related to Our Industry

Our results may be materially and adversely impacted as a result of increases in the price of raw materials, including agricultural commodities, packaging, fuel and labor. Agricultural commodities, including corn, wheat, rice, potato flakes, vegetable oils, sugar and cocoa, are the principal raw materials used in our products. Cartonboard, corrugated, and plastic are the principal packaging materials used by us. The cost of such commodities may fluctuate widely due to government policy, regulation, and/or shutdown, import and export requirements (including tariffs), global geopolitical conditions, general economic conditions (including inflationary pressures), drought and other weather conditions (including the potential effects of climate change), a pandemic illness (such as the COVID-19 outbreak) or other unforeseen circumstances. Specifically, certain ingredients, packaging and other goods and services have been impacted by the COVID-19 pandemic and inflationary pressures, and although we are unable to predict the impact to our ability to source such materials and services in the future, we expect these supply pressures and market disruptions to continue into 2022. To the extent that any of the foregoing factors affect the prices of such commodities and we are unable to increase our prices or adequately hedge against such changes in prices in a manner that offsets such changes, the results of our operations could be materially and adversely affected. In addition, we use derivatives to hedge price risk associated with forecasted purchases of raw materials. Our hedged price could exceed the spot price on the date of purchase, resulting in an unfavorable impact on both gross margin and net earnings. Also, sustained price increases may lead to declines in volume as competitors may not adjust their prices, or consumers may decide not to pay the higher prices or may forego some purchases altogether during an economic downturn such as the COVID-19 pandemic, which could lead to sales declines and loss of market share. Food processing equipment at major domestic and international facilities are regularly fueled by electricity, oil, natural gas or propane, which are obtained from local utilities or other local suppliers. Short-term stand-by propane and/or oil storage exists at several plants for use in case of interruption in natural gas supplies. In addition, considerable amounts of diesel fuel are used in connection with the distribution of our products. The cost of fuel may fluctuate widely due to economic and political conditions, government policy, regulation and/or shutdown, war, or other unforeseen circumstances which could have a material adverse effect on our consolidated operating results or financial condition.

Our results may be adversely affected by increases in transportation costs and reduced availability of or increases in the price of oil or other fuels. We rely on trucking and railroad operators to deliver incoming ingredients to our manufacturing locations and to deliver finished products to our customers. Shortages of truck drivers and railroad workers have contributed to increased freight costs, which has had a material and adverse effect on our business, financial condition and results of operations. In 2021, the cost of distribution increased due to an increase in transportation and logistics costs. Transportation costs are further increasing as a result of high levels of long-haul driver turnover and increased railroad traffic and service issues. Additionally, energy and fuel costs can fluctuate dramatically and, at times, have resulted in significant cost increases, particularly for the price of oil and gasoline.

We operate in the highly competitive food industry. We face competition across our product lines, including snacks, ready-to-eat cereals and other convenience foods, from other companies which have varying abilities to withstand changes in market conditions. The principal aspects of our business where we face competition include brand recognition, taste, nutritional value, price, promotion, innovation, shelf space, navigating the growing e-commerce marketplace, convenient ordering and delivery to the consumer and customer service. Most of our competitors have substantial financial, marketing and other resources, and some of our competitors may spend more aggressively on advertising and promotional activities than we do. Our competition with other companies in our various markets and product lines could cause us to reduce prices, increase capital, marketing or other expenditures, or lose category share, any of which could have a material adverse effect on our business and financial results. Our ability to compete also depends upon our ability to predict, identify, and interpret the tastes and dietary habits of consumers and to offer products that appeal to those preferences. There are inherent marketplace risks associated with new product or packaging introductions, including uncertainties about trade and consumer acceptance. If we do not succeed in offering products that consumers want to buy, our sales and market share will decrease, resulting in reduced profitability. If we are unable to accurately predict which shifts in consumer preferences will be long-lasting, or are unable to introduce new and improved products to satisfy those preferences, our sales will decline. In addition, given the variety of backgrounds and identities of consumers in our consumer base, we must offer a sufficient array of products to satisfy the broad spectrum of consumer preferences.

In some cases, our competitors may be able to respond to changing business and economic conditions or consumer preferences more quickly than us. Category share and growth could also be adversely impacted if we are not successful in introducing new products, anticipating changes in consumer preferences with respect to dietary trends or purchasing behaviors or in effectively assessing, changing and setting proper pricing.

In addition, in nearly all of our product categories, we compete against branded products as well as private label products. Our products must provide higher value and/or quality to our consumers than alternatives, particularly during periods of economic uncertainty. Consumers may not buy our products if relative differences in value and/or quality between our products and private label products change in favor of competitors' products or if consumers perceive this type of change. If consumers prefer private label products, which are typically sold at lower prices, then we could lose category share or sales volumes or shift our product mix to lower margin offerings, which could have a material effect on our business and consolidated financial position and on the consolidated results of our operations and profitability.

The changing retail environment and the growing presence of alternative retail channels, could negatively impact our sales and profits. Our businesses are largely concentrated in the traditional retail grocery trade. Our largest customer, Wal-Mart Stores, Inc. and its affiliates, accounted for approximately 19% of consolidated net sales during 2021, comprised principally of sales within the United States. No other customer accounted for greater than 10% of net sales in 2021. During 2021, our top five customers, collectively, including Wal-Mart, accounted for approximately 32% of our consolidated net sales and approximately 53% of U.S. net sales. There can be no assurances that our largest customers will continue to purchase our products in the same mix or quantities or on the same terms as in the past. As the retail grocery trade continues to consolidate and retailers become larger, our large retail customers have sought, and may continue to seek in the future, to use their position to improve their profitability through improved efficiency, lower pricing, increased promotional programs funded by their suppliers and more favorable terms. Such consolidation can continue to adversely impact our smaller customers' ability to compete effectively, resulting in an inability on their part to pay for our products or reduced or canceled orders of our products. In addition, larger retailers have the scale to develop supply chains that permit them to operate with reduced inventories or to develop and market their own private label products. If we are unable to use our scale, marketing expertise, product innovation and category leadership positions to respond, our profitability or volume

growth could be negatively affected. The loss of any large customer or severe adverse impact on the business operations of any large customer for an extended length of time could negatively impact our sales and profits.

Additionally, alternative retail channels, such as e-commerce retailers (including as a result of the integration of traditional and digital operations at key retailers), subscription services, discount and dollar stores, direct-to-consumer brands, drug stores and club stores, have continued to grow. This trend away from traditional retail grocery, and towards such channels, is expected to continue in the future. If we are not successful in expanding sales in alternative retail channels, our business or financial results may be negatively impacted. In particular, substantial growth in e-commerce has encouraged the entry of new competitors and business models, intensifying competition by simplifying distribution and lowering barriers to entry. The expanding presence of e-commerce retailers has impacted, and may continue to impact, consumer preferences and market dynamics, which in turn may negatively affect our sales or profits. In addition, these alternative retail channels may create consumer price deflation, affecting our large retail and wholesale customer relationships and presenting additional challenges to increasing prices in response to commodity or other cost increases. Also, if these alternative retail channels, such as e-commerce retailers were to take significant share away from traditional retailers that could have a flow over effect on our business and our financial results could be negatively impacted.

Our consolidated financial results and demand for our products are dependent on the successful development of new products and processes. There are a number of trends in consumer preferences which may impact us and the industry as a whole. These include changing consumer dietary trends and the availability of substitute products. Our success is dependent on anticipating changes in consumer preferences and on successful new product and process development and product relaunches in response to such changes. Trends within the food industry change often, and failure to identify and react to changes in these trends could lead to, among other things, reduced loyalty, reduced demand and price reductions for our brands and products. We aim to introduce products or new or improved production processes on a timely basis in order to counteract obsolescence and decreases in sales of existing products. While we devote significant focus to the development of new products and to the research, development and technology process functions of our business, we may not be successful in developing new products or our new products may not be commercially successful. In addition, if sales generated by new products cause a decline in sales of the Company's existing products, the Company's financial condition and results of operations could be materially adversely affected. Our future results and our ability to maintain or improve our competitive position will depend on our capacity to gauge the direction of our key markets and upon our ability to successfully identify, develop, manufacture, market and sell new or improved products in these changing markets.

Adverse changes in the global climate or extreme weather conditions could adversely affect our business or operations. Climate change is a core business issue for Kellogg to ensure the long-term health and viability of the ingredients we use in our products. As set forth in the Intergovernmental Panel on Climate Change Fifth Assessment Report, there is continuing scientific evidence, as well as concern from members of the general public, that emissions of greenhouse gases and contributing human activities have caused and will continue to cause significant changes in global temperatures and weather patterns and increase the frequency or severity of weather events, wildfires and flooding. As the pressures from climate change and global population growth lead to increased demand, the food system and global supply chain is becoming increasingly vulnerable to acute shocks, leading to increased prices and volatility, especially in the energy and commodity markets. Adverse changes such as these could (i) unfavorably impact the cost or availability of raw or packaging materials, especially if such events have a negative impact on agricultural productivity or on the supply of water, (ii) disrupt production schedules and our ability, or the ability of our suppliers or contract manufacturers, to manufacture or distribute our products, (iii) reduce crop size or quality, (iv) disrupt the retail operations of our customers, or (v) unfavorably impact the demand for, or the consumer's ability to purchase, our products.

There is an increased focus by foreign, federal, state and local regulatory and legislative bodies regarding environmental policies relating to climate change, regulating greenhouse gas emissions, energy policies and sustainability, including single use plastics. This new or increased focus may result in new or increased laws and regulations that could cause significant increases in our costs of operation and delivery. In particular, increasing regulation of fuel emissions could substantially increase the distribution and supply chain costs associated with our products. Lastly, consumers and customers may put an increased priority on purchasing products that are sustainably grown and made, requiring us to incur increased costs for additional transparency, due diligence and reporting. As a result, climate change as well as actions taken to mitigate climate change could negatively affect our business and operations.

Risks Related to Our Operations

A shortage in the labor pool, failure to successfully negotiate collectively bargained agreements, or other general inflationary pressures or changes in applicable laws and regulations could increase labor cost, which could have a material adverse effect on our consolidated operating results or financial condition.

Our labor costs include the cost of providing benefits for employees. We sponsor a number of benefit plans for employees in the United States and various foreign locations, including pension, retiree health and welfare, active health care, severance and other postemployment benefits. We also participate in multiemployer pension plans for certain of our manufacturing locations. Our major pension plans and U.S. collectively bargained retiree health and welfare plans are funded with trust assets invested in a globally diversified portfolio of equity securities with smaller holdings of bonds, real estate and other investments. The annual cost of benefits can vary significantly from year to year and is materially affected by such factors as changes in the assumed or actual rate of return on major plan assets, a change in the weighted-average discount rate used to measure obligations, the rate or trend of health care cost inflation, and the outcome of collectively-bargained wage and benefit agreements. Many of our employees are covered by collectively-bargained agreements and other employees may seek to be covered by collectively-bargained agreements. Strikes or work stoppages and interruptions have occurred, including an almost three-month long strike in fiscal 2021 related to negotiations of a collectively bargained agreement at our U.S. ready-to-eat cereal manufacturing locations, and could occur in the future if we are unable to renew these agreements on satisfactory terms or enter into new agreements on satisfactory terms, which could adversely impact our operating results. The terms and conditions of existing, renegotiated or new agreements could also increase our costs or otherwise affect our ability to fully implement future operational changes to enhance our efficiency.

Multiemployer pension plans could adversely affect our business. We participate in “multiemployer” pension plans administered by labor unions representing some of our U.S. based employees. We make periodic contributions to these plans to allow them to meet their pension benefit obligations to their participants. Our required contributions to these funds could increase because of a shrinking contribution base as a result of the insolvency or withdrawal of other companies that currently contribute to these funds, inability or failure of withdrawing companies to pay their withdrawal liability, lower than expected returns on pension fund assets or other funding deficiencies. In the event that we withdraw from participation in one of these plans, then applicable law could require us to make withdrawal liability payments, and we would have to reflect that as an expense in our consolidated statement of operations and as a liability on our consolidated balance sheet. Our withdrawal liability from a multiemployer plan would depend, in part, on the extent of the plan’s funding of vested benefits. In the ordinary course of our renegotiation of collective bargaining agreements with labor unions that maintain these plans, we may decide to discontinue participation in a plan, and in that event, we could face a withdrawal liability. One of the multiemployer plans in which we participate is reported to have significant underfunded liabilities. Such underfunding could impact the size of our potential withdrawal liability.

Our postretirement benefit-related costs and funding requirements could increase as a result of volatility in the financial markets, changes in interest rates and actuarial assumptions. Increases in the costs of postretirement medical and pension benefits may continue and could negatively affect our business as a result of increased usage of medical benefits by retired employees and medical cost inflation, an increase in participants enrolled, the effect of potential declines in the stock and bond markets on the performance of our pension and post-retirement plan assets, potential reductions in the discount rate used to determine the present value of our benefit obligations, and changes to our investment strategy that may impact our expected return on pension and post-retirement plan assets assumptions. U.S. generally accepted accounting principles require that we calculate income or expense for the plans using actuarial valuations. These valuations reflect assumptions about financial markets and interest rates, which may change based on economic conditions. The Company’s accounting policy for defined benefit plans may subject earnings to volatility due to the recognition of actuarial gains and losses, particularly those due to the change in the fair value of pension and post-retirement plan assets and interest rates. In addition, funding requirements for our plans may become more significant. However, the ultimate amounts to be contributed are dependent upon, among other things, interest rates, underlying asset returns, and the impact of legislative or regulatory changes related to pension and post-retirement funding obligations.

We use available borrowings under the credit facilities and other available debt financing for cash to operate our business, which subjects us to market and counter-party risk, some of which is beyond our control. In addition to cash we generate from our business, our principal existing sources of cash are borrowings available under our credit facilities and other available debt financing. If our access to such financing was unavailable or reduced, or if such financing were to become significantly more expensive for any reason, we may not be able to fund daily operations, which would cause material harm to our business or could affect our ability to

operate our business as a going concern. In addition, if certain of our lenders experience difficulties that render them unable to fund future draws on the facilities, we may not be able to access all or a portion of these funds, which could have similar adverse consequences.

From time to time, we issue variable rate securities based on interbank offered rates ("IBORs") and enter into interest rate swaps that contain a variable element based on an IBOR. LIBOR, or the London interbank offered rate, is expected to be phased out after 2021 when private-sector banks are no longer required to report the information used to set the rate. Once LIBOR ceases to be available, we may need to amend affected agreements, and we cannot predict what alternative index will be negotiated with our counterparties. Although we do not anticipate a significant impact to our financial position as a result of this transition given our current mix of fixed- and variable-rate debt, our interest expense could increase, and our available cash flow for general corporate requirements may be adversely affected.

We utilize extended payment terms for customers and suppliers supplemented with third party financing programs to assist in effectively managing our core working capital. If the extension of payment terms is reversed or financial institutions terminate their participation, our ability to maintain current levels of core working capital could be adversely impacted. Our principal source of liquidity is operating cash flows supplemented by borrowings for major acquisitions and other significant transactions. In order to mitigate the net working capital impact of offering extended customer payment terms, we entered into agreements to sell, on a revolving basis, certain trade accounts receivable balances to third party financial institutions (Monetization Programs). In addition, in combination with extending supplier payment terms, we have agreements with third parties (Accounts Payable Program) to offer structured payables programs to our suppliers which enable suppliers, at their sole discretion, to enter bilateral agreements to sell Company payment obligations to designated third-party financial institutions.

If financial institutions were to terminate their participation in the Monetization Programs and we are not able to modify related customer payment terms, working capital could be negatively impacted. Additionally, working capital could be negatively impacted if we shorten our supplier payment terms as a result of supplier negotiations. For suppliers participating in the Accounts Payable Program, financial institutions may terminate their participation or we could experience a downgrade in our credit rating that could result in higher costs to suppliers. If working capital is negatively impacted as a result of these events and we were unable to secure alternative programs, we may have to utilize our various financing arrangements for short-term liquidity or increase our long-term borrowings.

We have a substantial amount of indebtedness. We have indebtedness that is substantial in relation to our shareholders' equity, and we may incur additional indebtedness in the future, or enter into off-balance sheet financing, which would increase our leverage risks. As of January 1, 2022, we had total debt of approximately \$7.0 billion and total Kellogg Company equity of \$3.7 billion. Our substantial indebtedness could have important consequences, including (i) impairing the ability to access global capital markets to obtain additional financing for working capital, capital expenditures or general corporate purposes, particularly if the ratings assigned to our debt securities by rating organizations were revised downward or if a rating organization announces that our ratings are under review for a potential downgrade, (ii) a downgrade in our credit ratings, particularly our short-term credit rating, would likely reduce the amount of commercial paper we could issue, increase our commercial paper borrowing costs, or both, (iii) restricting our flexibility in responding to changing market conditions or making us more vulnerable in the event of a general downturn in economic conditions or our business, (iv) requiring a substantial portion of the cash flow from operations to be dedicated to the payment of principal and interest on our debt, reducing the funds available to us for other purposes such as expansion through acquisitions, paying dividends, repurchasing shares, marketing and other spending and expansion of our product offerings, (v) and causing us to be more leveraged than some of our competitors, which may place us at a competitive disadvantage.

Our ability to make scheduled payments or to refinance our obligations with respect to indebtedness or incur new indebtedness will depend on our financial and operating performance, which in turn, is subject to prevailing economic conditions, the availability of, and interest rates on, short-term financing, and financial, business and other factors beyond our control.

An impairment of the carrying value of goodwill or other acquired intangibles could negatively affect our consolidated operating results and net worth. The carrying value of goodwill represents the fair value of acquired businesses in excess of identifiable assets and liabilities as of the acquisition date. The carrying value of other intangibles represents the fair value of trademarks, trade names, and other acquired intangibles as of the acquisition date. Goodwill and other acquired intangibles expected to contribute indefinitely to our cash flows are not

amortized, but must be evaluated by management at least annually for impairment. If carrying value exceeds current fair value, the intangible is considered impaired and is reduced to fair value via a charge to earnings. Factors which could result in an impairment include, but are not limited to: (i) reduced demand for our products; (ii) higher commodity prices; (iii) lower prices for our products or increased marketing as a result of increased competition; and (iv) significant disruptions to our operations as a result of both internal and external events. Should the value of one or more of the acquired intangibles become impaired, our consolidated earnings and net worth may be materially adversely affected. Furthermore, we continue to evaluate the potential impact of COVID-19 on the fair value of our goodwill and other intangibles. While we concluded there were no indicators of impairment as of January 1, 2022, any significant sustained adverse change in consumer purchasing behaviors, government restrictions, financial results, or macroeconomic conditions could result in future impairment.

As of January 1, 2022, the carrying value of intangible assets totaled approximately \$8.2 billion, of which \$5.8 billion was goodwill and \$2.4 billion represented trademarks, tradenames, and other acquired intangibles compared to total assets of \$18.2 billion and total Kellogg Company equity of \$3.7 billion.

Risks Related to Regulations and Litigation

We face risks related to tax matters, including changes in tax rates, disagreements with taxing authorities and imposition of new taxes.

The Company is subject to taxes in the U.S. and numerous foreign jurisdictions where the Company's subsidiaries are organized. Due to economic and political conditions (including shifts in the geopolitical landscape), tax rates in the U.S. and various foreign jurisdictions have been and may be subject to significant change. The future effective tax rate could be effected by changes in mix of earnings in countries with differing statutory tax rates, changes in valuation of deferred tax asset and liabilities, or changes in tax laws or their interpretation which includes the Tax Cuts and Jobs Act (the "U.S. Tax Reform") and contemplated changes in other countries of long-standing tax principles if finalized and adopted could have a material impact on our income tax expense and deferred tax balances. We are also subject to regular reviews, examinations and audits by the Internal Revenue Service and other taxing authorities with respect to taxes inside and outside of the U.S. Although we believe our tax estimates are reasonable, if a taxing authority disagrees with the positions we have taken, we could face additional tax liability, including interest and penalties. There can be no assurance that payment of such additional amounts upon final adjudication of any disputes will not have a material impact on our results of operations and financial position. We also need to comply with new, evolving or revised tax laws and regulations. The enactment of or increases in tariffs, including value added tax, or other changes in the application of existing taxes, in markets in which we are currently active, or may be active in the future, or on specific products that we sell or with which our products compete, may have an adverse effect on our business or on our results of operations.

If our food products become adulterated, misbranded or mislabeled, we might need to recall those items and may experience product liability if consumers are injured as a result. Selling food products involves a number of legal and other risks, including product contamination, food borne illnesses, spoilage, product tampering, allergens, or other adulteration. We may need to recall some of our products if they become adulterated or misbranded. We may also be liable if the consumption of any of our products causes injury, illness or death. A widespread product recall or market withdrawal could result in significant losses due to their costs, the destruction of product inventory, and lost sales due to the unavailability of product for a period of time. We could also suffer losses from a significant product liability judgment against us. A significant product recall or product liability case could also result in adverse publicity, damage to our reputation, and a loss of consumer confidence in our food products, which could have a material adverse effect on our business results and the value of our brands. Moreover, even if a product liability or consumer fraud claim is meritless, does not prevail or is not pursued, the negative publicity surrounding assertions against our company and our products or processes could adversely affect our reputation or brands. We could also be adversely affected if consumers lose confidence in the safety and quality of certain food products or ingredients, or the food safety system generally. If another company recalls or experiences negative publicity related to a product in a category in which we compete, consumers might reduce their overall consumption of products in this category. Adverse publicity about these types of concerns, whether or not valid, may discourage consumers from buying our products or cause production and delivery disruptions.

Evolving tax, environmental, food quality and safety or other regulations or failure to comply with existing licensing, labeling, trade, food quality and safety and other regulations and laws could have a material adverse effect on our consolidated financial condition. Our activities or products, both in and outside of the United States, are subject to regulation by various federal, state, provincial and local laws, regulations and government agencies, including the U.S. Food and Drug Administration, U.S. Federal Trade Commission, the U.S. Departments of Agriculture, Commerce and Labor, as well as similar and other authorities outside of the United

States, International Accords and Treaties and others, including voluntary regulation by other bodies. Legal and regulatory systems can change quickly, as demonstrated by Brexit. In addition, legal and regulatory systems in emerging and developing markets may be less developed, and less certain. These laws and regulations and interpretations thereof may change, sometimes dramatically, as a result of a variety of factors, including political, economic, regulatory or social events. In addition, the enforcement of remedies in certain foreign jurisdictions may be less certain, resulting in varying abilities to enforce intellectual property and contractual rights.

The manufacturing, marketing and distribution of food products are subject to governmental regulation that impose additional regulatory requirements. Those regulations control such matters as food quality and safety, ingredients, advertising, product or production requirements, labeling, sustainability of packaging (including plastics), import or export of our products or ingredients, relations with distributors and retailers, health and safety, the environment, and restrictions on the use of government programs, such as Supplemental Nutritional Assistance Program, to purchase certain of our products.

The marketing of food products has come under increased regulatory scrutiny in recent years, and the food industry has been subject to an increasing number of proceedings and claims relating to alleged false or deceptive marketing under federal, state and foreign laws or regulations. We are also regulated with respect to matters such as licensing requirements, trade and pricing practices, tax, anti-corruption standards, advertising and claims, and environmental matters. The need to comply with new, evolving or revised tax, environmental, food quality and safety, labeling or other laws or regulations, or new, evolving or changed interpretations or enforcement of existing laws or regulations, may have a material adverse effect on our business and results of operations. Governmental and administrative bodies within the U.S. are considering a variety of trade and other regulatory reforms. Changes in legal or regulatory requirements (such as new food safety requirements and revised nutrition facts labeling and serving size regulations), or evolving interpretations of existing legal or regulatory requirements, may result in increased compliance costs, capital expenditures and other financial obligations that could adversely affect our business or financial results. If we are found to be out of compliance with applicable laws and regulations in these areas, we could be subject to civil remedies, including fines, injunctions, termination of necessary licenses or permits, or recalls, as well as potential criminal sanctions, any of which could have a material adverse effect on our business. Even if regulatory review does not result in these types of determinations, it could potentially create negative publicity or perceptions which could harm our business or reputation.

Modifications to international trade policy, including the ratification of the United States-Mexico-Canada Agreement, changes in the European Union (such as Brexit) or the imposition of increased or new tariffs, quotas or trade barriers on key commodities with other countries could have a negative impact on us or the industries we serve, including as a result of related uncertainty, and could materially and adversely impact our business, financial condition, results of operations and cash flows. Higher duties on existing tariffs or additional tariffs imposed by the United States on a broader range of imports, or further retaliatory trade measures taken by China or other countries in response, could result in an increase in supply chain costs that we are not able to offset.

Our operations in certain emerging markets expose us to political, economic and regulatory risks. Our growth strategy depends in part on our ability to expand our operations in emerging markets. However, some emerging markets have greater political, economic and currency volatility and greater vulnerability to infrastructure and labor disruptions than more established markets. In many countries outside of the United States, particularly those with emerging economies, it may be common for others to engage in business practices prohibited by laws and regulations with extraterritorial reach, such as the FCPA and the UKBA, or local anti-bribery laws. These laws generally prohibit companies and their employees, contractors or agents from making improper payments to government officials, including in connection with obtaining permits or engaging in other actions necessary to do business. Failure to comply with these laws could subject us to civil and criminal penalties that could materially and adversely affect our reputation, financial condition and results of operations. In addition, competition in emerging markets is increasing as our competitors grow their global operations and low cost local manufacturers expand and improve their production capacities. Our success in emerging markets is critical to our growth strategy. If we cannot successfully increase our business in emerging markets and manage associated political, economic and regulatory risks, our product sales, financial condition and results of operations could be materially and adversely affected.

Risks Related to Our Intellectual Property and Technology

Technology failures, cyber attacks, privacy breaches or data breaches could disrupt our operations, reputation and negatively impact our business.

We increasingly rely on information technology systems and third-party service providers, including through the internet, to process, transmit, and store electronic information. For example, our production and distribution facilities and inventory management utilize information technology to increase efficiencies and limit costs. Information technology systems are also integral to the reporting of our results of operations. Furthermore, a significant portion of the communications between, and storage of personal data of, our personnel, customers, consumers and suppliers depends on information technology. Our information technology systems, and the systems of the parties we communicate and collaborate with, may be vulnerable to a variety of interruptions, as a result of many of our employees working remotely, updating our enterprise platform or due to events beyond our or their control, including, but not limited to, network or hardware failures, malicious or disruptive software, unintentional or malicious actions of employees or contractors, cyberattacks by common hackers, criminal groups or nation-state organizations or social-activist (hacktivist) organizations, geopolitical events, natural disasters, a pandemic illness (such as COVID-19), failures or impairments of telecommunications networks, or other catastrophic events.

Moreover, our computer systems have been, and will likely continue to be subjected to computer viruses, malware, ransomware or other malicious codes, social engineering attacks, unauthorized access attempts, password theft, physical breaches, employee or inside error, malfeasance and cyber- or phishing-attacks. Cyber threats are constantly evolving, are becoming more sophisticated and are being made by groups and individuals with a wide range of expertise and motives, and this increases the difficulty of detecting and successfully defending against them. These events could compromise our confidential information, impede or interrupt our business operations, and may result in other negative consequences, including remediation costs, loss of revenue, litigation and reputational damage. Furthermore, if a breach or other breakdown results in disclosure of confidential or personal information, we may suffer reputational, competitive and/or business harm. To date, we have not experienced a material breach of cyber security. While we have implemented administrative and technical controls and taken other preventive actions, such as the maintenance of an information security program that includes updating our technology and security policies, insurance, employee training, and monitoring and routinely testing our information technology systems to reduce the risk of cyber incidents and protect our information technology, they may be insufficient to prevent physical and electronic break-ins, cyber-attacks or other security breaches to our computer systems.

The Company offers promotions, rebates, customer loyalty and other programs through which it may receive personal information, and it or its vendors could experience cyber-attacks, privacy breaches, data breaches or other incidents that result in unauthorized disclosure of consumer, customer, employee or Company information. The Company must also successfully integrate the technology systems of acquired companies into the Company's existing and future technology systems. In addition, we must comply with increasingly complex and rigorous regulatory standards enacted to protect business and personal data in the United States and other jurisdictions regarding privacy, data protection, and data security, including those related to the collection, storage, handling, use, disclosure, transfer, and security of personal data. There is significant uncertainty with respect to compliance with such privacy and data protection laws and regulations, including with respect to the European Union General Data Protection Regulation (the "GDPR") and the California Consumer Privacy Act of 2018 (the "CCPA"), which went into effect on January 1, 2020 (each of which imposes additional obligations on companies regarding the handling of personal data and provides certain individual privacy rights to persons whose data is stored), because they are continuously evolving and developing and may be interpreted and applied differently from jurisdiction to jurisdiction and may create inconsistent or conflicting requirements. In addition, regulations to implement portions of the CCPA have not been finalized and could significantly impact CCPA compliance measures. For example, the California Privacy Rights Act (the "CPRA"), which was approved by California voters as a ballot initiative in November 2020, modifies the CCPA significantly and was effective on January 1, 2022. Several other states have introduced or passed similar legislation to the CCPA and CPRA, which may impose varying standards and requirements on our data collection, use and processing activities. Our efforts to comply with privacy and data protection laws, including the GDPR, CCPA and CPRA, may impose significant costs and challenges that are likely to increase over time.

If the Company suffers a loss as a result of a breach or other breakdown in its technology, including such cyber-attacks, privacy breaches, data breaches, issues with or errors in system maintenance or security, migration of applications to the cloud, power outages, hardware or software failures, denial of service, telecommunication or other incident involving one of the Company's vendors, that result in unauthorized disclosure or significant unavailability of business, financial, personal or stakeholder information, the Company may suffer reputational,

competitive and/or business harm and may be exposed to legal liability and government investigations, which may adversely affect the Company's results of operations and/or financial condition. The misuse, leakage or falsification of information could result in violations of data privacy laws and the Company may become subject to legal action and increased regulatory oversight. The Company could also be required to spend significant financial and other resources to remedy the damage caused by a security breach or to repair or replace networks and information systems. In addition, if the Company's suppliers or customers experience such a breach or unauthorized disclosure or system failure, their businesses could be disrupted or otherwise negatively affected, which may result in a disruption in the Company's supply chain or reduced customer orders, which would adversely affect the Company's business operations. We have also outsourced several information technology support services and administrative functions to third-party service providers, including cloud-based service providers, and may outsource other functions in the future to achieve cost savings and efficiencies. If these service providers do not perform effectively due to breach or system failure, we may not be able to achieve the expected benefits and our business may be disrupted.

Our intellectual property rights are valuable, and any inability to protect them could reduce the value of our products and brands. We consider our intellectual property rights, particularly and most notably our trademarks, but also including patents, trade secrets, copyrights and licensing agreements, to be a significant and valuable aspect of our business. We attempt to protect our intellectual property rights through a combination of patent, trademark, copyright and trade secret laws, as well as licensing agreements, third party nondisclosure and assignment agreements and policing of third party misuses of our intellectual property. Our failure to obtain or adequately protect our trademarks, products, new features of our products, our technology, or any other form of intellectual property, or any change in law or other changes that serve to lessen or remove the current legal protections of our intellectual property, may diminish our competitiveness and could materially harm our business. We may be unaware of intellectual property rights of others that may cover some of our technology, brands or products or operations. In addition, if, in the course of developing new products or improving the quality of existing products, we are found to have infringed the intellectual property rights of others, directly or indirectly, such finding could have an adverse impact on our business, financial condition or results of operations and may limit our ability to introduce new products or improve the quality of existing products. Any litigation regarding patents or other intellectual property could be costly and time-consuming and could divert the attention of our management and key personnel from our business operations. Third party claims of intellectual property infringement might also require us to enter into costly license agreements. We also may be subject to significant damages or injunctions against development and sale of certain products.

General Risk Factors

We are subject to risks generally associated with companies that operate globally. We are a global company and generated almost half of our net sales for both 2021 and 2020, outside the United States. We manufacture our products in 21 countries and have operations in more than 180 countries, so we are subject to risks inherent in multinational operations. Those risks include (i) compliance with U.S. laws affecting operations outside of the United States, such as OFAC trade sanction regulations and Anti-Boycott regulations, (ii) compliance with anti-corruption laws, including the FCPA and UK Bribery Act (the "UKBA"), (iii) compliance with antitrust and competition laws, data privacy laws, and a variety of other local, national and multi-national regulations and laws in multiple regimes, (iv) changes in tax laws, interpretation of tax laws and tax audit outcomes, (v) fluctuations or devaluations in currency values, especially in emerging markets, (vi) changes in capital controls, including currency exchange controls, government currency policies or other limits on our ability to import raw materials or finished product or repatriate cash from outside the United States, (vii) changes in local regulations and laws, the lack of well-established, reliable and/or impartial legal systems in certain countries in which we operate and the uncertainty of enforcement of remedies in such jurisdictions, and foreign ownership restrictions and the potential for nationalization or expropriation of property or other resources, (viii) laws relating to information security, privacy (including the GDPR), cashless payments, and consumer protection, (ix) uncertainty relating to Brexit and its impact on the local and international markets, the flow of goods and materials across borders, and political environments, (x) discriminatory or conflicting fiscal policies, (xi) challenges associated with cross-border product distribution, (xii) increased sovereign risk, such as default by or deterioration in the economies and credit worthiness of local governments, (xiii) varying abilities to enforce intellectual property, contractual, and other legal rights, (xiv) greater risk of uncollectible accounts and longer collection cycles, (xv) loss of ability to manage our operations in certain markets which could result in the deconsolidation of such businesses, (xvi) design and implementation of effective control environment processes across our diverse operations and employee base, (xvii) imposition of more or new tariffs, quotas, trade barriers, price controls, and similar restrictions in the countries in which we or our suppliers or manufacturers

operate or regulations, taxes or policies that might negatively affect our sales, and (xviii) changes in trade policies and trade relations.

In addition, political and economic changes or volatility, geopolitical regional conflicts, terrorist activity, political unrest and government shutdowns, civil strife, acts of war, public corruption, expropriation and other economic or political or social uncertainties could interrupt and negatively affect our business operations or customer demand. The slowdown in economic growth or high unemployment in some emerging markets could constrain consumer spending, and declining consumer purchasing power could adversely impact our profitability. Continued instability in the banking and governmental sectors of certain countries in the European Union or the dynamics associated with the federal and state debt and budget challenges in the United States could adversely affect us. All of these factors could result in increased costs or decreased revenues, and could materially and adversely affect our product sales, financial condition and results of operations.

There may be uncertainty as a result of key global events during 2022. For example, the continuing uncertainty related to the COVID-19 pandemic, including new variants and the efficacy of vaccines, Brexit and international trade disputes, as well as ongoing terrorist activity, may adversely impact global stock markets (including The New York Stock Exchange on which our common shares are traded) and general global economic conditions. All of these factors are outside of our control, but may nonetheless cause us to adjust our strategy in order to compete effectively in global markets.

Our performance is affected by general economic, political and social conditions and taxation policies. Customer and consumer demand for our products may be impacted by the negative impacts caused by pandemics and public health crises (including the COVID-19 pandemic), recession, financial and credit market disruptions, government shutdowns or other economic downturns in the United States or other nations. Our results in the past have been, and in the future may continue to be, materially affected by changes in general economic, political and social conditions in the United States and other countries, including the interest rate environment in which we conduct business, the financial markets through which we access capital and currency, trade policy, political and social unrest and terrorist acts in the United States or other countries in which we carry on business. The economic, political and social conditions resulting from Brexit and the uncertainty regarding the post-Brexit trade agreement (as defined below) in the transition period and beyond, among other events, may adversely impact our overall performance.

Deteriorating economic conditions in our major markets affected by the COVID-19 pandemic, such as increased unemployment, decreases in disposable income, declines in consumer confidence, or economic slowdowns or recessions could result in reductions in sales of our products, reduced acceptance of innovations, and increased price competition. Such deterioration in any of the countries in which we do business could also cause slower collections on accounts receivable which may adversely impact our liquidity and financial condition. In addition, significant COVID-19 related changes in the political conditions in markets in which we manufacture, sell or distribute our products (including quarantines, import/export restrictions, price controls, governmental or regulatory actions, closures, or other restrictions that limit or close our operating and manufacturing facilities, restrict our employees' ability to travel or perform necessary business functions or otherwise prevent our third-party suppliers or customers from sufficiently staffing operations, including operations necessary for the production, distribution, sale, and support of our products) could adversely impact our operations and results.

Financial institutions may be negatively impacted by economic conditions and may consolidate or cease to do business which could result in a tightening in the credit markets, a low level of liquidity in many financial markets, and increased volatility in fixed income, credit, currency and equity markets. The COVID-19 pandemic has increased volatility and pricing in the capital markets and as a result, we may not have access to preferred sources of liquidity when needed or on terms we find acceptable, causing our borrowing costs could increase. An economic or credit crisis could impair credit availability and our ability to raise capital when needed. A disruption in the financial markets may have a negative effect on our derivative counterparties and could impair our banking or other business partners, on whom we rely for access to capital and as counterparties to our derivative contracts. Any of these events would likely harm our business, results of operations and financial condition.

Our operations face significant foreign currency exchange rate exposure and currency restrictions which could negatively impact our operating results. We hold assets and incur liabilities, earn revenue and pay expenses in a variety of currencies other than the U.S. dollar, including the euro, British pound, Australian dollar,

Canadian dollar, Mexican peso, Brazilian real, Nigerian naira, and Russian ruble. Because our consolidated financial statements are presented in U.S. dollars, we must translate our assets, liabilities, revenue and expenses into U.S. dollars at then-applicable exchange rates and face exposure to adverse movements in foreign currency exchange rates. For example, as a result of the United Kingdom's termination of membership in the European Union under new trade and cross border operating agreements, there could be significant volatility in currency exchange rate fluctuations. Consequently, changes in the value of the U.S. dollar may unpredictably and negatively affect the value of these items in our consolidated financial statements, even if their value has not changed in their original currency.

The United Kingdom's exit from the European Union may have a negative effect on global economic conditions, financial markets and our business. The United Kingdom's exit from the European Union, commonly referred to as "Brexit" became official as of January 31, 2020 and triggered a transition period that expired on December 31, 2020, during which time the United Kingdom and the European Union negotiated a post-Brexit trade agreement (TCA) which came into effect on January 1, 2021. The UK and EU continue to discuss some elements of the TCA, in particular elements relating to the Northern Ireland Protocol and the impact that has on trading borders between the EU and UK.

The main trade provisions in the TCA include the continuation of no tariffs or quotas on trade between the UK and EU subject to prescribed trade terms, including but not limited to meeting product and labeling standards for both the UK and EU. Cross-border trade between the UK and EU is also subject to new customs regulations, documentation and reviews.

Kellogg has worked diligently to minimize the impact of Brexit on the business. However, to comply with the new requirements, we have had to increase resources in customer service and logistics, in our factories, and on our customs support teams. We have adapted our processes and systems for the new and increased number of customs transactions. We continue to closely monitor and manage our inventory levels of imported raw materials, packaging and finished goods in the UK. We have made investments in resources, systems and processes to meet the new ongoing requirements and we work to mitigate disruptions to our local supply chain and distribution to reduce the impact on our input and distribution costs.

Despite our efforts to control costs, we have seen inflationary cost pressures rise in our UK business this year, as we have also experienced in other markets. If the UK's exit from, or new trade arrangements with, the EU negatively impact the UK economy or result in disagreements on trade terms then the impact to our operations, financial condition and cash flows could be material.

Potential liabilities and costs from litigation could adversely affect our business. There is no guarantee that we will be successful in defending our self in civil, criminal or regulatory actions (inclusive of class action lawsuits and foreign litigation), including under general, commercial, employment, environmental, data privacy or security, intellectual property, food quality and safety, anti-trust and trade, advertising and claims, and environmental laws and regulations, or in asserting our rights under various laws. For example, our marketing or claims could face allegations of false or deceptive advertising or other criticisms which could end up in litigation and result in potential liabilities or costs. Furthermore, actions we have taken or may take, or decisions we have made or may make, as a consequence of the COVID-19 pandemic, may result in investigations, legal claims or litigation against us. As a result, we could incur substantial costs and fees in defending our self or in asserting our rights in these actions or meeting new legal requirements. The costs and other effects of potential and pending litigation and administrative actions against us, and new legal requirements, cannot be determined with certainty and may differ from expectations.

ITEM 1B. UNRESOLVED STAFF COMMENTS

None.

ITEM 2. PROPERTIES

Our corporate headquarters and principal research and development facilities are located in Battle Creek, Michigan.

We operated, as of February 22, 2022, offices, manufacturing plants and distribution and warehousing facilities totaling more than 37 million square feet of building area in the United States and other countries. Our plants have been designed and constructed to meet our specific production requirements, and we periodically invest money for capital and technological improvements. At the time of its selection, each location was considered to be favorable,

based on the location of markets, sources of raw materials, availability of suitable labor, transportation facilities, location of our other plants producing similar products, and other factors. Our manufacturing facilities in the United States are located in Battle Creek, Michigan; Lancaster, Pennsylvania; Memphis, Tennessee; Omaha, Nebraska; San Jose, California; Rome, Georgia; Kansas City, Kansas; Pikeville, Kentucky; Grand Rapids and Wyoming, Michigan; Blue Anchor, New Jersey; Cary, North Carolina; Cincinnati and Zanesville, Ohio; Muncy, Pennsylvania; and Jackson and Rossville, Tennessee.

Outside the United States, we had, as of February 22, 2022, additional manufacturing locations, some with warehousing facilities, in Australia, Belgium, Brazil, Canada, Colombia, Ecuador, Egypt, Ghana, Great Britain, India, Japan, Malaysia, Mexico, Nigeria, Poland, Russia, South Africa, South Korea, Spain, Thailand, and Turkey.

We generally own our principal properties, including our corporate headquarters, principal research and development center and manufacturing facilities in the United States, and no owned property is subject to any major lien or other encumbrance. Distribution facilities (including related warehousing facilities) and offices of non-plant locations typically are leased. In general, we consider our facilities, taken as a whole, to be suitable, adequate, and of sufficient capacity for our current operations.

ITEM 3. LEGAL PROCEEDINGS

We are subject to various legal proceedings, claims, and governmental inspections, audits or investigations arising out of our business which cover matters such as general commercial, governmental regulations, antitrust and trade regulations, product liability, environmental, intellectual property, employment and other actions. In the opinion of management, the ultimate resolution of these matters will not have a material adverse effect on our financial position or results of operations.

ITEM 4. MINE SAFETY DISCLOSURE

Not applicable.

PART II

ITEM 5. MARKET FOR THE REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES

The principal market for trading Kellogg shares (Ticker symbol: K) is the New York Stock Exchange (NYSE). At January 1, 2022 there were approximately 26,176 shareholders of record.

In February 2020, the Board of Directors approved an authorization to repurchase up to \$1.5 billion of our common stock through December 2022. The authorization is intended to allow us to repurchase shares for general corporate purposes and to offset issuances for employee benefit programs.

The following table provides information with respect to purchases of common shares under programs authorized by our Board of Directors during the quarter ended January 1, 2022.

(millions, except per share data)

Period	(a) Total Number of Shares Purchased	(b) Average Price Paid Per Share	(c) Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	(d) Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs
Month #1: 9/26/21-10/23/21	—	\$ —	—	\$ 1,260
Month #2: 10/24/21-11/20/21	—	\$ —	—	\$ 1,260
Month #3: 11/21/21-1/1/22	—	\$ —	—	\$ 1,260

ITEM 6. INTENTIONALLY OMITTED

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Kellogg Company and Subsidiaries

RESULTS OF OPERATIONS

Business overview

The following Management's Discussion and Analysis of Financial Condition and Results of Operations (MD&A) is intended to help the reader understand Kellogg Company, our operations and our present business environment. MD&A is provided as a supplement to, and should be read in conjunction with, our Consolidated Financial Statements and the accompanying notes thereto contained in Item 8 of this Report, as well as Part II, "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations" of our Form 10-K for the year ended January 2, 2021, which provides additional information on comparisons of years 2020 and 2019.

For more than 115 years, consumers have counted on Kellogg for great-tasting, high-quality and nutritious foods. These foods include snacks, such as crackers, savory snacks, toaster pastries, cereal bars and bites; and convenience foods, such as, ready-to-eat cereals, frozen waffles, veggie foods and noodles. Kellogg products are manufactured and marketed globally. Our MD&A references consumption and net sales in discussing our sales trends for certain categories and brands. We record net sales upon delivery of shipments to our customers. Consumption and share data noted within is based on Nielsen x-AOC or other comparable source, for the applicable period. Consumption refers to consumer purchases of our products from our customers. Unless otherwise noted, consumption and shipment trends are materially consistent.

COVID-19 response

Since the World Health Organization categorized the novel coronavirus (COVID-19) as a pandemic in March 2020, our key objectives continue to be 1) protecting the health and safety of our employees, 2) safely producing and delivering our foods to customers and consumers, and 3) supporting the communities in which we operate. Our efforts have been led by the Company's Executive Committee, a committee composed of senior leaders, and our global Crisis Management Process. As part of that process, we have worked closely with medical, regulatory and other experts as we deliver on our objectives.

Protect employee health and safety

The health and safety of our employees is our top priority. From the outset of the pandemic, the Company has designed and implemented a number of actions across the business including restricting travel and visitors to its facilities, limiting external group meetings and establishing safety procedures for any potentially exposed employees. At this time, most of our office employees continue to work remotely to minimize the exposure of our employees to COVID-19. For those who are not able to work remotely, the Company has implemented enhanced protocols at all of our facilities to protect our employees, including temperature checks, social distancing, response plans, face coverings, contact tracing, enhanced sanitation procedures, and additional personal protection equipment

Maintain our ability to produce and deliver essential food supply

In addition to our efforts to keep our people safe, the Company has taken several actions to ensure that we maintain our ability to operate effectively during this pandemic, providing our foods to our customers and consumers. In certain parts of the world, the reacceleration of COVID cases has brought new governmental restrictions, in some instances causing temporary reductions in production. Additionally, as a result of global supply imbalances, we have managed through bottlenecks and shortages of materials, labor, and freight that have required us to pursue alternative sources, incremental capacity, and temporary labor. We continue to take the appropriate actions to ensure the continuity of our business.

We have partnered with our strategic technology providers in order to maintain support for our critical business and finance systems as well as additional network bandwidth and support for a work-from-home environment. We have worked to mitigate system-related risks in this environment through heightened monitoring of cybersecurity and network capacity as well as reevaluation of contingency plans.

Support communities

Kellogg is a company with a heart and soul, and we are working together across our company to help our food bank partners and neighbors in need. Kellogg and our charitable funds have donated cash and food to global COVID-19 hunger relief efforts. As always, through our global Kellogg's® Better Days purpose platform, we help deliver critical nourishment to people when they need it most. Local governments have identified food security as a top priority in their fight against COVID-19. Kellogg is providing support to our food bank partners on the front-lines, helping those who may not know where their next meal is coming from.

Monitoring future impacts

The severity, magnitude and duration of the current COVID-19 pandemic is uncertain and rapidly changing. The Company continues to actively monitor the pandemic including, infection and hospitalization rates, vaccination efforts, and related governmental actions. We will adjust our mitigation strategies as necessary to address any changing health, operational or financial risks that may arise. Since the onset of the pandemic, the Company has experienced a significant increase in demand for our retail products as consumers stocked up on food for at-home consumption in those markets. While this demand has moderated for certain products, we will continue to manage our production capacity during this period of volatility. We continue to monitor the business for adverse impacts of the pandemic, including volatility in the foreign exchange markets, reduced demand in our away from home businesses, supply-chain disruptions in certain markets, increased costs of employee safety and maintaining food supply, and potential disruptions for certain emerging market countries. In the event the Company experiences adverse impacts from the above or other factors, the Company would also evaluate the need to perform interim impairment tests for the Company's goodwill, indefinite lived intangible assets, investments in unconsolidated affiliates and property, plant and equipment. There can be no assurance that volatility and/or disruption in the global capital and credit markets will not impair our ability to access these markets on terms acceptable to us, or at all. See further discussion within Future Outlook.

Segments

We manage our operations through four operating segments that are based primarily on geographic location – North America which includes the U.S. businesses and Canada; Europe which consists principally of European countries; Latin America which consists of Central and South America and includes Mexico; and AMEA (Asia Middle East Africa) which consists of Africa, Middle East, Australia and other Asian and Pacific markets. These operating segments also represent our reportable segments

On July 28, 2019, we completed the sale of selected cookies, fruit and fruit-flavored snacks, pie crusts, and ice cream cones businesses to Ferrero International S.A. ("Ferrero") for \$1.3 billion in cash, on a cash-free, debt-free basis and subject to a working capital adjustment mechanism. During 2020 the working capital adjustment was finalized, resulting in a reduction of the sale proceeds and recognition of a pre-tax expense in Other income and (expense) of \$4 million. The operating results for these businesses were included in our North America and Latin America reportable segments prior to the sale.

Non-GAAP Financial Measures

This filing includes non-GAAP financial measures that we provide to management and investors that exclude certain items that we do not consider part of on-going operations. Items excluded from our non-GAAP financial measures are discussed in the "Significant items impacting comparability" section of this filing. Our management team consistently utilizes a combination of GAAP and non-GAAP financial measures to evaluate business results, to make decisions regarding the future direction of our business, and for resource allocation decisions, including incentive compensation. As a result, we believe the presentation of both GAAP and non-GAAP financial measures provides investors with increased transparency into financial measures used by our management team and improves investors' understanding of our underlying operating performance and in their analysis of ongoing operating trends. All historic non-GAAP financial measures have been reconciled with the most directly comparable GAAP financial measures.

Non-GAAP Financial Measures

Non-GAAP financial measures used for evaluation of performance include currency-neutral and organic net sales, adjusted and currency-neutral adjusted operating profit, adjusted and currency-neutral adjusted diluted earnings per share (EPS), adjusted and currency-neutral adjusted gross profit, adjusted and currency-neutral adjusted gross margin, adjusted other income (expense), and cash flow. We determine currency-neutral results by dividing or multiplying, as appropriate, the current-period local currency operating results by the currency exchange rates used to translate our financial statements in the comparable prior-year period to determine what the current period U.S. dollar operating results would have been if the currency exchange rate had not changed from the comparable prior-year period. These non-GAAP financial measures may not be comparable to similar measures used by other companies.

- Currency-neutral net sales and organic net sales: We adjust the GAAP financial measure to exclude the impact of foreign currency, resulting in currency-neutral net sales. In addition, we exclude the impact of acquisitions, divestitures, foreign currency, and differences in shipping days including the 53rd week, resulting in organic net sales. We excluded the items which we believe may obscure trends in our underlying net sales performance. By providing these non-GAAP net sales measures, management intends to provide investors with a meaningful, consistent comparison of net sales performance for the Company and each of our reportable segments for the periods presented. Management uses these non-GAAP measures to evaluate the effectiveness of initiatives behind net sales growth, pricing realization, and the impact of mix on our business results. These non-GAAP measures are also used to make decisions regarding the future direction of our business, and for resource allocation decisions.
- Adjusted: gross profit, gross margin, operating profit and diluted EPS: We adjust the GAAP financial measures to exclude the effect of restructuring programs, mark-to-market adjustments for pension plans (service cost, interest cost, expected return on plan assets, and other net periodic pension costs are not excluded), commodity contracts, certain equity investments and certain foreign currency contracts, multi-employer pension plan withdrawal liabilities, gain/loss on the divestiture, and other costs impacting comparability resulting in adjusted. We excluded the items which we believe may obscure trends in our underlying profitability. By providing these non-GAAP profitability measures, management intends to provide investors with a meaningful, consistent comparison of the Company's profitability measures for the periods presented. Management uses these non-GAAP financial measures to evaluate the effectiveness of initiatives intended to improve profitability, as well as to evaluate the impacts of inflationary pressures and decisions to invest in new initiatives within each of our segments.
- Currency-neutral adjusted: gross profit, gross margin, operating profit, and diluted EPS: We adjust the GAAP financial measures to exclude the effect of restructuring programs, mark-to-market adjustments for pension plans (service cost, interest cost, expected return on plan assets, and other net periodic pension costs are not excluded), commodity contracts, certain equity investments and certain foreign currency contracts, multi-employer pension plan withdrawal liabilities, gain/loss on divestiture, other costs impacting comparability, and foreign currency, resulting in currency-neutral adjusted. We excluded the items which we believe may obscure trends in our underlying profitability. By providing these non-GAAP profitability measures, management intends to provide investors with a meaningful, consistent comparison of the Company's profitability measures for the periods presented. Management uses these non-GAAP financial measures to evaluate the effectiveness of initiatives intended to improve profitability, as well as to evaluate the impacts of inflationary pressures and decisions to invest in new initiatives within each of our segments.
- Adjusted effective income tax rate: We adjust the GAAP financial measures to exclude the effect of restructuring programs, mark-to-market adjustments for pension plans (service cost, interest cost, expected return on plan assets, and other net periodic pension costs are not excluded), commodity contracts, certain equity investments and certain foreign currency contracts, multi-employer pension plan withdrawal liabilities, the gain/loss on divestiture, and other costs impacting comparability. We excluded the items which we believe may obscure trends in our pre-tax income and the related tax effect of those items on our adjusted effective income tax rate, and other impacts to tax expense, including tax reform in the UK and U.S. and certain foreign valuation allowances. By providing this non-GAAP measure, management intends to provide investors with a meaningful, consistent comparison of the Company's effective tax rate, excluding the pre-tax income and tax effect of the items noted above, for the periods presented. Management uses this non-GAAP measure to monitor the effectiveness of initiatives in place to optimize our global tax rate.

- Net debt: Defined as the sum of long-term debt, current maturities of long-term debt and notes payable, less cash and cash equivalents and marketable securities. With respect to net debt, cash and cash equivalents and marketable securities are subtracted from the GAAP measure, total debt liabilities, because they could be used to reduce the Company's debt obligations. Company management and investors use this non-GAAP measure to evaluate changes to the Company's capital structure and credit quality assessment.
- Cash flow: Defined as net cash provided by operating activities reduced by expenditures for property additions. Cash flow does not represent the residual cash flow available for discretionary expenditures. We use this non-GAAP financial measure of cash flow to focus management and investors on the amount of cash available for debt repayment, dividend distributions, acquisition opportunities, and share repurchases once all of the Company's business needs and obligations are met. Additionally, certain performance-based compensation includes a component of this non-GAAP measure.

These measures have not been calculated in accordance with GAAP and should not be viewed as a substitute for GAAP reporting measures.

Significant items impacting comparability

Mark-to-market

We recognize mark-to-market adjustments for pension and postretirement benefit plans, commodity contracts, and certain foreign currency contracts as incurred. Actuarial gains/losses for pension plans were recognized in the year they occur. Mark-to-market gains/losses for certain equity investments are recorded based on observable price changes. Changes between contract and market prices for commodities contracts and certain foreign currency contracts result in gains/losses that were recognized in the quarter they occur. We recorded a total pre-tax mark-to-market gain of \$166 million for 2021, a total pre-tax market-to-market charge of \$162 million for 2020 and a total pre-tax mark-to-market charge of \$104 million for 2019. Included within the aforementioned totals was a pre-tax mark-to-market gain for pension plans of \$164 million for 2021, pre-tax mark-to-market charge for pension plans of \$154 million for 2020, and a pre-tax mark-to-market charge for pension plans of \$98 million for 2019.

Project K

In 2019, the Company completed implementation of all Project K initiatives. We recorded pre-tax charges related to this program of \$54 million in 2019.

See the Restructuring and cost reduction activities section for more information.

Brexit readiness impacts

During 2019, with the uncertainty associated with the United Kingdom's exit from the European Union (EU), commonly referred to as Brexit, we incurred certain costs to proactively prepare for the potential adverse impacts of Brexit, such as delays at ports of entry and departure. As a result, we incurred pre-tax charges of \$9 million in 2019.

Business and portfolio realignment

One-time costs related to reorganizations in support of our Deploy for Growth priorities and a reshaped portfolio; investments in enhancing capabilities prioritized by our Deploy for Growth strategy; and completed and prospective divestitures and acquisitions, including the divestiture of our cookies, fruit snacks, pie crusts, and ice cream cone business. As a result, we incurred pre-tax charges, primarily related to reorganizations of \$36 million in 2021, \$38 million in 2020 and \$156 million in 2019.

Multi-employer pension plan exit liability

During the third quarter of 2019, the Company incurred a pre-tax charge of \$132 million due to withdrawing from two multi-employer pension plans. During the second quarter of 2020, the Company recorded a pre-tax gain of approximately \$5 million related to the settlement of one multi-employer pension plan withdrawal liability from the prior year.

Divestitures

On July 28, 2019, the Company completed its sale of selected cookies, fruit and fruit flavored snacks, pie crusts, and ice cream cones businesses to Ferrero for approximately \$1.3 billion in cash, subject to a working capital adjustment mechanism. Both the total assets and net assets of the businesses were approximately \$1.3 billion, resulting in a net pre-tax gain of \$38 million during the third quarter, recorded in other income and (expense). Additionally, the company recognized curtailment gains related to the divestiture totaling \$17 million in our U.S. pension and nonpension postretirement plans. During 2020 the working capital adjustment was finalized, resulting in a reduction of the sale proceeds and recognition of a pre-tax expense in Other income and (expense) of \$4 million.

The operating results for the divested businesses were primarily included in the North America reporting segment prior to the sale. Reported net sales for the divested businesses totaled \$562 million for the first seven months of the year ended December 28, 2019.

Additionally, during the fourth quarter of 2020, the Company divested its majority ownership of a small business in our Europe reportable segment, resulting in a pre-tax loss of \$4 million. Net sales in 2020, totaled approximately \$11 million for the business divested.

Impact of shipping day differences including 53rd week

During the fourth quarter of 2020, the Company had a difference in shipping days resulting from an additional week of business during the fiscal year. This impact increased reported net sales by \$174 million for the year ended January 2, 2021.

Foreign valuation allowance

During the third quarter of 2021, the Company determined that certain foreign deferred tax assets were no longer more likely than not to be realized in the future and a full valuation allowance of \$20 million was recorded.

UK tax rate change

During the second quarter of 2021, the Company recorded tax expense of \$23 million as a result of tax legislation enacted in the UK in June of 2021, which increased the statutory UK tax rate from 19 percent to 25 percent and required us to re-value our net UK deferred tax liability balance to reflect this higher rate.

U.S. Tax Reform

During the third quarter of 2020, the Company reversed a liability for uncertain tax positions of \$32 million, related to the finalization of a tax examination. The liability was related to the Company's estimate of the transition tax liability in conjunction with the finalization of accounting under Staff Accounting Bulletin No. 118, Income Tax Accounting Implications of the Tax Cuts and Jobs Act.

Foreign currency translation

We evaluate the operating results of our business on a currency-neutral basis. We determine currency-neutral operating results by dividing or multiplying, as appropriate, the current period local currency operating results by the currency exchange rates used to translate our financial statements in the comparable prior year period to determine what the current period U.S. dollar operating results would have been if the currency exchange rate had not changed from the comparable prior-year period. Organic net sales exclude the impact of acquisitions, including the foreign currency impact calculated by applying the prior year foreign currency rates to current period results.

Financial results

For the full year ended January 1, 2022, our reported net sales increased 3.0% versus the prior year on positive price/mix across all regions and accelerated growth in snacks and emerging markets. Organic net sales increased 3.5% from the prior year after excluding the impact of the 53rd week and foreign currency.

Reported operating profit decreased 0.5% versus the prior year due primarily to economy-wide supply disruptions, including the fourth-quarter labor strike in our U.S. cereal plants and third-quarter fire at one of the facilities, as well as accelerated cost inflation, partially offset by higher net sales. Currency-neutral adjusted operating profit decreased 1.9%, after excluding the impact of mark-to-market and foreign currency.

Reported diluted EPS of \$4.33 for the year was up 19% compared to the prior year EPS of \$3.63 due primarily to the year-over-year mark-to-market benefit. Currency-neutral adjusted diluted EPS of \$4.04 for the year increased 1.3% compared to prior year EPS of \$3.99, after excluding the impact of significant items impacting comparability.

Reconciliation of certain non-GAAP Financial Measures

Consolidated results (dollars in millions, except per share data)	2021		2020	
Reported net income attributable to Kellogg Company	\$	1,488	\$	1,251
Mark-to-market (pre-tax)		166		(162)
Business and portfolio realignment (pre-tax)		(36)		(38)
Multi-employer pension plan withdrawal (pre-tax)		—		5
Gain (loss) on divestiture (pre-tax)		—		(8)
Income tax impact applicable to adjustments, net*		(29)		45
Foreign valuation allowance		(20)		—
UK tax rate change		(23)		—
U.S. Tax Reform		—		32
Adjusted net income attributable to Kellogg Company	\$	1,430	\$	1,377
Foreign currency impact		41		—
Currency-neutral adjusted net income attributable to Kellogg Company		1,389	\$	1,377
Reported diluted EPS	\$	4.33	\$	3.63
Mark-to-market (pre-tax)		0.48		(0.47)
Business and portfolio realignment (pre-tax)		(0.10)		(0.11)
Multi-employer pension plan withdrawal (pre-tax)		—		0.01
Gain (loss) on divestiture (pre-tax)		—		(0.02)
Income tax impact applicable to adjustments, net*		(0.08)		0.13
Foreign valuation allowance		(0.06)		—
UK tax rate change		(0.07)		—
U.S. Tax Reform		—		0.10
Adjusted diluted EPS	\$	4.16	\$	3.99
Foreign currency impact		0.12		—
Currency-neutral adjusted diluted EPS		4.04	\$	3.99
Currency-neutral adjusted diluted EPS growth		1.3 %		—

Note: Tables may not foot due to rounding.

For more information on reconciling items in the table above, please refer to the Significant items impacting comparability section.

* Represents the estimated income tax effect on the reconciling items, using weighted-average statutory tax rates, depending upon the applicable jurisdiction.

Net sales and operating profit

2021 compared to 2020

The following tables provide an analysis of net sales and operating profit performance for 2021 versus 2020:

Year ended January 1, 2022

(millions)	North America	Europe	Latin America	AMEA	Corporate	Kellogg Consolidated
Reported net sales	\$ 8,174	\$ 2,397	\$ 997	\$ 2,613	\$ —	\$ 14,181
Foreign currency impact on total business (inc)/dec	36	93	15	(37)	—	107
Organic net sales	\$ 8,138	\$ 2,304	\$ 982	\$ 2,651	\$ —	\$ 14,074

Year ended January 2, 2021

(millions)	North America	Europe	Latin America	AMEA	Corporate	Kellogg Consolidated
Reported net sales	\$ 8,361	\$ 2,232	\$ 914	\$ 2,263	\$ —	\$ 13,770
Impact of 53rd week	134	22	—	18	—	174
Organic net sales	\$ 8,227	\$ 2,210	\$ 914	\$ 2,245	\$ —	\$ 13,596

% change - 2021 vs. 2020:

Reported growth	(2.3)%	7.4 %	9.0 %	15.5 %	— %	3.0 %
Foreign currency impact on total business (inc)/dec	0.4 %	4.2 %	1.6 %	(1.6)%	— %	0.8 %
Currency-neutral growth	(2.7)%	3.2 %	7.4 %	17.1 %	— %	2.2 %
Impact of 53rd week	(1.6)%	(1.0)%	— %	(1.0)%	— %	(1.3) %
Organic growth	(1.1)%	4.2 %	7.4 %	18.1 %	— %	3.5 %
Volume (tonnage)	(5.8)%	0.6 %	0.1 %	3.4 %	— %	(1.8) %
Pricing/mix	4.7 %	3.6 %	7.3 %	14.7 %	— %	5.3 %

Note: Tables may not foot due to rounding.

For more information on reconciling items in the table above, please refer to the Significant items impacting comparability section.

Year ended January 1, 2022

(millions)	North America	Europe	Latin America	AMEA	Corporate	Kellogg Consolidated
Reported operating profit	\$ 1,329	\$ 350	\$ 110	\$ 246	\$ (282)	\$ 1,752
Mark-to-market	—	—	1	—	(18)	(17)
Business and portfolio realignment	(23)	1	(4)	—	(10)	(36)
Adjusted operating profit	\$ 1,351	\$ 349	\$ 112	\$ 246	\$ (254)	\$ 1,805
Foreign currency impact	5	17	3	2	2	29
Currency-neutral adjusted operating profit	\$ 1,347	\$ 332	\$ 109	\$ 244	\$ (256)	\$ 1,776

Year ended January 2, 2021

(millions)	North America	Europe	Latin America	AMEA	Corporate	Kellogg Consolidated
Reported operating profit	\$ 1,473	\$ 302	\$ 97	\$ 202	\$ (312)	\$ 1,761
Mark-to-market	—	—	—	—	(8)	(8)
Business and portfolio realignment	(8)	(9)	(5)	(17)	(7)	(46)
Multi-employer pension plan withdrawal	5	—	—	—	—	5
Adjusted operating profit	\$ 1,477	\$ 311	\$ 102	\$ 218	\$ (297)	\$ 1,811

% change - 2021 vs. 2020:

Reported growth	(9.8)%	16.0 %	13.1 %	21.9 %	9.8 %	(0.5) %
Mark-to-market	— %	— %	1.3 %	— %	(3.5) %	(0.5) %
Business and portfolio realignment	(1.0)%	3.8 %	1.1 %	9.2 %	(1.1) %	0.6 %
Multi-employer pension plan withdrawal	(0.3)%	— %	— %	— %	— %	(0.3) %
Adjusted growth	(8.5)%	12.2 %	10.7 %	12.7 %	14.4 %	(0.3) %
Foreign currency impact	0.3 %	5.4 %	3.2 %	0.8 %	0.6 %	1.6 %
Currency-neutral adjusted growth	(8.8)%	6.8 %	7.5 %	11.9 %	13.8 %	(1.9) %

Note: Tables may not foot due to rounding.

For more information on reconciling items in the table above, please refer to the Significant items impacting comparability section.

North America

Reported net sales decreased 2.3% versus the prior year as positive price/mix was more than offset by the negative impact on volume of supply disruptions, including the fourth-quarter labor strike in our cereal plants and third-quarter fire at one of the facilities, as well as the impact of lapping the 53rd week. Organic net sales decreased 1.1% after excluding the impact of the 53rd week and foreign currency.

Net sales % change - 2021 vs. 2020:

North America	Reported Net Sales	Foreign Currency	Currency-Neutral Net Sales	Impact of 53rd week	Organic Net Sales
Snacks	5.5 %	0.3 %	5.2 %	(1.7)%	6.9 %
Cereal	(14.4) %	0.7 %	(15.1) %	(1.4)%	(13.7)%
Frozen	(3.0) %	0.3 %	(3.3) %	(1.4)%	(1.9)%

North America snacks net sales increased 5.5% led by consumption growth in each of our three major categories, crackers, salty snacks, and portable wholesome snacks.

North America cereal net sales decreased 14% as it lapped strong prior year pandemic-related growth and experienced challenging supply conditions including a labor strike in our U.S. cereal plants and a fire at one of those facilities.

North America frozen foods net sales decreased 3.0% during the year, as it lapped strong prior year pandemic-related growth and experienced current period supply constraints.

North America operating profit decreased 9.8% compared to the prior year due to supply disruptions, including the fourth-quarter labor strike in our cereal plants and third-quarter fire at one of the facilities, as well as accelerated cost inflation. Currency-neutral adjusted operating profit decreased 8.8%, after excluding the impact of business and portfolio realignment.

Europe

Reported net sales increased 7.4% driven by both volume and price/mix, as well as favorable foreign currency translation. Organic net sales increased 4.2% after excluding the impact of the 53rd week and foreign currency.

Cereal net sales declined due to lapping a pandemic-related surge in consumption growth during the prior year, partially offset by favorable foreign currency translation and notably strong share gains in the UK.

Snacks net sales growth was led by sustained momentum in *Pringles*, driven by innovation, effective advertising, and successful consumer promotions.

Reported operating profit increased 16% due primarily to higher net sales and favorable foreign currency translation partially offset by lapping unusually high operating leverage during the onset of the pandemic. Currency-neutral adjusted operating profit increased 6.8% after excluding the impact of foreign currency, and business and portfolio realignment.

Latin America

Reported net sales increased 9.0% driven by both volume and price/mix, and with broad-based growth across the region, led by snacks, and favorable foreign currency translation. Organic net sales increased 7.4%, after excluding the impact of foreign currency.

Snacks net sales growth was led by sustained consumption growth and share gains in key markets for salty snacks and share gains in portable wholesome snacks.

Cereal net sales increased due to share gains in key markets, including Mexico, Puerto Rico and Brazil, despite the lapping of a pandemic-related surge in consumption in the prior year.

Reported operating profit increased 13% due to higher net sales and favorable foreign currency translation partially offset by input cost inflation. Currency-neutral adjusted operating profit increased 7.5% after excluding the impact of mark-to-market and foreign currency.

AMEA

Reported net sales increased 16% driven by both volume and price/mix, and with broad-based growth across the region and categories. Organic net sales also increased 18%.

Noodles and other net sales increased lead by strong growth from Multipro as well as our Kellogg's branded noodles business.

Snacks net sales increased due primarily to strong growth in *Pringles* across the region.

Cereal net sales growth was driven by broad-based growth across Asia and Australia.

Reported operating profit increased 22% due primarily to operating leverage from higher net sales and the lapping of prior year business and portfolio realignment charges. Currency-neutral adjusted operating profit increased 12%, after excluding the impact of business and portfolio realignment, and foreign currency.

Corporate

Reported operating profit increased \$30 million versus the comparable prior year period due primarily to favorable mark-to-market impact and lower incentive compensation expense. Currency-neutral adjusted operating profit increased \$41 million from the prior year after excluding the impact of mark-to-market.

2020 compared to 2019

The following tables provide an analysis of net sales and operating profit performance for 2020 versus 2019:

Year ended January 2, 2021							
(millions)	North America	Europe	Latin America	AMEA	Corporate	Kellogg Consolidated	
Reported net sales	\$ 8,361	\$ 2,232	\$ 914	\$ 2,263	\$ —	\$ 13,770	
Foreign currency impact on total business (inc)/dec	(7)	13	(133)	(77)	—	(204)	
Currency-neutral net sales	\$ 8,368	\$ 2,219	\$ 1,048	\$ 2,340	\$ —	\$ 13,974	
Impact of 53rd week	134	22	—	18	—	174	
Foreign currency impact on 53rd week (inc)/dec	—	(1)	—	(1)	—	(2)	
Organic net sales	\$ 8,234	\$ 2,198	\$ 1,048	\$ 2,322	\$ —	\$ 13,802	

Year ended December 28, 2019

(millions)	North America	Europe	Latin America	AMEA	Corporate	Kellogg Consolidated	
Reported net sales	\$ 8,390	\$ 2,092	\$ 940	\$ 2,156	\$ —	\$ 13,578	
Divestitures	556	—	6	—	—	562	
Organic net sales	\$ 7,834	\$ 2,092	\$ 935	\$ 2,156	\$ —	\$ 13,017	

% change - 2020 vs. 2019:

Reported growth	(0.4)%	6.7 %	(2.8)%	5.0 %	— %	1.4 %	
Foreign currency impact on total business (inc)/dec	(0.1)%	0.7 %	(14.2)%	(3.5)%	— %	(1.5) %	
Currency-neutral growth	(0.3)%	6.0 %	11.4 %	8.5 %	— %	2.9 %	
Divestitures	(7.1)%	— %	(0.7)%	— %	— %	(4.5) %	
Impact of 53rd week	1.7 %	1.0 %	— %	0.8 %	— %	1.4 %	
Foreign currency impact on 53rd week (inc)/dec	— %	(0.1)%	— %	— %	— %	— %	
Organic growth	5.1 %	5.1 %	12.1 %	7.7 %	— %	6.0 %	
Volume (tonnage)	4.8 %	5.3 %	8.9 %	4.2 %	— %	5.1 %	
Pricing/mix	0.3 %	(0.2)%	3.2 %	3.5 %	— %	0.9 %	

Note: Tables may not foot due to rounding.

For more information on reconciling items in the table above, please refer to the Significant items impacting comparability section.

Year ended January 2, 2021

(millions)	North America	Europe	Latin America	AMEA	Corporate*	Kellogg Consolidated
Reported operating profit	\$ 1,473	\$ 302	\$ 97	\$ 202	\$ (312)	\$ 1,761
Mark-to-market	—	—	—	—	(8)	(8)
Business and portfolio realignment	(8)	(9)	(5)	(17)	(7)	(46)
Multi-employer pension plan withdrawal	5	—	—	—	—	5
Adjusted operating profit	\$ 1,477	\$ 311	\$ 102	\$ 218	\$ (297)	\$ 1,811
Foreign currency impact	(1)	1	(13)	(5)	2	(16)
Currency-neutral adjusted operating profit	\$ 1,478	\$ 309	\$ 115	\$ 224	\$ (299)	\$ 1,827

Year ended December 28, 2019

(millions)	North America	Europe	Latin America	AMEA	Corporate*	Kellogg Consolidated
Reported operating profit	\$ 1,215	\$ 223	\$ 85	\$ 195	\$ (316)	\$ 1,401
Mark-to-market	—	—	—	—	(7)	(7)
Project K	(29)	(3)	(15)	(4)	(4)	(54)
Brexit readiness impacts	—	(9)	—	—	—	(9)
Business and portfolio realignment	(58)	(46)	(4)	(12)	(42)	(161)
Multi-employer pension plan withdrawal	(132)	—	—	—	—	(132)
Adjusted operating profit	\$ 1,434	\$ 280	\$ 104	\$ 211	\$ (264)	\$ 1,764

% change - 2020 vs. 2019:

Reported growth	21.3 %	35.4 %	14.2 %	3.5 %	1.2 %	25.7 %
Mark-to-market	— %	— %	— %	— %	(0.6) %	— %
Project K	2.8 %	1.7 %	17.3 %	1.9 %	1.2 %	4.6 %
Brexit readiness impacts	— %	5.1 %	— %	— %	— %	0.8 %
Business and portfolio realignment	4.6 %	17.8 %	(1.2) %	(2.1) %	13.1 %	9.1 %
Multi-employer pension plan withdrawal	10.9 %	— %	— %	— %	— %	8.6 %
Adjusted growth	3.0 %	10.8 %	(1.9) %	3.7 %	(12.5) %	2.6 %
Foreign currency impact	(0.1) %	0.5 %	(12.6) %	(2.4) %	0.8 %	(0.9) %
Currency-neutral adjusted growth	3.1 %	10.3 %	10.7 %	6.1 %	(13.3) %	3.5 %

Note: Tables may not foot due to rounding.

For more information on reconciling items in the table above, please refer to the Significant items impacting comparability section.

North America

Reported net sales decreased 0.4% versus the prior year, due primarily to the absence of results from the businesses divested in July 2019, partially offset by strong organic growth and the benefit from the 53rd week. Net sales growth was driven by the acceleration of demand for snacks, cereal, and frozen food as consumers increased purchases of food for at-home consumption due to the pandemic, moderating beginning in the third quarter. This acceleration of demand was partly offset by a related decline in net sales in away-from-home channels and, to a lesser extent, the timing of shipments in certain categories during the 4th quarter. Organic net sales increased 5.1% after excluding the impact of the divestiture, foreign currency, and the 53rd week.

Net sales % change - 2020 vs. 2019:

North America	Reported Net Sales	Foreign Currency	Currency-Neutral Net Sales	Divestiture	Impact of 53rd week	Foreign Currency impact on 53rd week	Organic Net Sales
Snacks	(7.2) %	— %	(7.2) %	(12.2) %	1.7 %	— %	3.3 %
Cereal	8.5 %	(0.2) %	8.7 %	— %	1.9 %	(0.1) %	6.9 %
Frozen	9.6 %	(0.1) %	9.7 %	— %	1.6 %	— %	8.1 %

North America snacks net sales decreased 7.2% due to the absence of the divested businesses, whose results were seasonally weighted to the first half of the year, partially offset by the benefit of the 53rd week. Organic net sales increased 3.3% due to high demand for packaged foods for at-home consumption as a result of the pandemic partly offset by a related decline in net sales in away-from-home channels.

North America cereal and frozen foods net sales grew 8.5% and 9.6%, respectively, due to elevated demand for packaged foods for at-home consumption as a result of the pandemic.

North America reported operating profit increased 21% due primarily to higher net sales and the lapping of prior year charges for multi-employer pension plan withdrawal, business and portfolio realignment and Project K costs, partially offset by the absence of results from the divested businesses, and incremental COVID-19-related costs. Currency-neutral adjusted operating profit increased 3.1%, after excluding the impact of multi-employer pension plan withdrawal, business and portfolio realignment, Project K and foreign currency.

Europe

Reported net sales increased 6.7% due to elevated demand for at-home consumption of cereal and the benefit of the 53rd week, partially offset by unfavorable foreign currency. Organic net sales increased 5.1%.

Cereal net sales growth was driven largely by accelerated consumption in our developed markets as a result of the pandemic.

Snacks net sales declined slightly as a result of reduced demand for on-the-go foods and pack formats during the pandemic and a reduction in advertising and promotional activity in the first half of the year related to *Pringles* due to the cancellation of a major sporting event.

Reported operating profit increased 35% due primarily to higher net sales and lower business and portfolio realignment costs partially offset by incremental COVID-19-related costs. Currency-neutral adjusted operating profit increased 10% after excluding the impact of business and portfolio realignment, Project K, and foreign currency.

Latin America

Reported net sales decreased 2.8% due primarily to the impact of unfavorable foreign currency. Organic net sales increased 12%, after excluding the impact of foreign currency. Organic net sales growth was driven by higher cereal sales, which accelerated during the pandemic as consumers increased purchases of food for at-home consumption in modern trade channels as a result of the pandemic.

Cereal net sales growth was led by Mexico and Caricom.

Snacks net sales declined on a reported basis due primarily to unfavorable foreign currency. However, *Pringles* posted strong consumption and share performance, led by Mexico and Brazil.

Reported operating profit increased 14% due to higher net sales and lapping of prior year Project K costs, partially offset by unfavorable foreign currency. Currency-neutral adjusted operating profit increased 11% after excluding the impact of foreign currency, Project K, and business and portfolio realignment.

AMEA

Reported net sales improved 5.0% due to growth in cereal, noodles, and *Pringles*, partially offset by unfavorable foreign currency. Organic net sales increased 7.7% after excluding the impact of foreign currency and the 53rd week.

Cereal net sales growth for the region was driven by elevated demand for at-home consumption of our products in developed markets as well as emerging markets.

Noodles net sales growth during the year was due primarily to the expansion of our business in Africa and the Middle East.

Reported operating profit increased 3.5% due primarily to the impact of higher net sales, which more than offset the prior year reversal of indirect excise tax liabilities resulting from participation in a tax amnesty program, and

unfavorable foreign currency impacts. Currency-neutral adjusted operating profit increased 6.1%, after excluding the impact of business and portfolio realignment, Project K, and foreign currency.

Corporate

Reported operating profit increased \$4 million versus the prior year due primarily to lower business and portfolio realignment costs partially offset by higher performance-based compensation costs. Currency-neutral adjusted operating profit decreased \$35 million from the prior year after excluding the impact of business and portfolio realignment and foreign currency.

Margin performance

2021 versus 2020 gross margin performance was as follows:

			Change vs. prior year (pts.)
	2021	2020	
Reported gross margin (a)	32.2 %	34.3 %	(2.1)
Mark-to-market	(0.1)%	(0.1)%	—
Business and portfolio realignment	(0.2)%	— %	(0.2)
Multi-employer pension plan withdrawal	— %	— %	—
Adjusted gross margin	32.5 %	34.4 %	(1.9)
Foreign currency impact	0.2 %	— %	0.2
Currency-neutral adjusted gross margin	32.3 %	34.4 %	(2.1)

Note: Tables may not foot due to rounding.

For information on the reconciling items in the table above, please refer to the Significant items impacting comparability section.

(a) Reported gross margin as a percentage of net sales. Gross margin is equal to net sales less cost of goods sold.

Reported gross margin decreased 210 basis points versus the prior year as the impact of productivity improvements and price realization was more than offset by cost inflation, the impact of the labor strike, a mix shift towards emerging markets, and lapping substantial operating leverage in the prior year when our plants were running limited SKUs at maximum capacity due to the acceleration of demand as a result of the pandemic. Currency-neutral adjusted gross margin decreased 210 basis points compared to 2020.

Our 2021 and 2020 currency-neutral adjusted gross profit is reconciled to the most comparable U.S. GAAP measures as follows:

(dollars in millions)	2021		2020	
Reported gross profit (a)	\$	4,560	\$	4,727
Mark-to-market		(27)		(6)
Business and portfolio realignment		(19)		(7)
Multi-employer pension plan withdrawal		—		5
Adjusted gross profit		4,606		4,735
Foreign currency impact		55		—
Currency-neutral adjusted gross profit	\$	4,551	\$	4,735

Note: Tables may not foot due to rounding.

For more information on the reconciling items in the table above, please refer to the Significant items impacting comparability section.

(a) Gross profit is equal to net sales less cost of goods sold.

2020 versus 2019 gross margin performance was as follows:

			Change vs. prior year (pts.)
	2020	2019	
Reported gross margin (a)	34.3 %	32.3 %	2.0
Mark-to-market	(0.1) %	— %	(0.1)
Project K	— %	(0.3) %	0.3
Brexit readiness impacts	— %	— %	—
Business and portfolio realignment	— %	(0.1) %	0.1
Multi-employer pension plan withdrawal	— %	(1.0) %	1.0
Adjusted gross margin	34.4 %	33.7 %	0.7
Foreign currency impact	0.1 %	— %	0.1
Currency-neutral adjusted gross margin	34.3 %	33.7 %	0.6

Note: Tables may not foot due to rounding.

For more information on reconciling items in the table above, please refer to the Significant items impacting comparability section.

(a) Reported gross margin as a percentage of net sales. Gross margin is equal to net sales less cost of goods sold.

Reported gross margin for the year ended January 2, 2021 increased 200 basis points due primarily to operating leverage as a result of higher net sales, lower charges for multi-employer pension plan withdrawal, and Project K, partially offset by incremental COVID-19-related costs, and unfavorable foreign currency. Currency-neutral adjusted gross margin increased 60 basis points compared to the prior year after eliminating the impact of multi-employer pension plan withdrawal, Project K, and foreign currency.

Our 2020 and 2019 currency-neutral adjusted gross profit is reconciled to the most comparable U.S. GAAP measures as follows:

(dollars in millions)	2020		2019	
Reported gross profit (a)	\$	4,727	\$	4,381
Mark-to-market		(6)		(4)
Project K		—		(35)
Brexit readiness impacts		—		(9)
Business and portfolio realignment		(7)		(17)
Multi-employer pension plan withdrawal		5		(132)
Adjusted gross profit		4,735		4,579
Foreign currency impact		(57)		—
Currency-neutral adjusted gross profit	\$	4,792	\$	4,579

Note: Tables may not foot due to rounding.

For more information on reconciling items in the table above, please refer to the Significant items impacting comparability section.

(a) Gross profit is equal to net sales less cost of goods sold.

Restructuring programs

The Company views its restructuring programs as part of its operating principles to provide greater visibility in achieving its long-term profit growth targets. Initiatives undertaken are currently expected to recover cash implementation costs within a 3 to 5-year period subsequent to completion. Completion (or as each major stage is completed in the case of multi-year programs), is when the project begins to deliver cash savings and/or reduced depreciation.

During 2021, the Company announced a reconfiguration of the North America reportable segment supply chain network, designed to drive increased productivity. The project is expected to be substantially completed by early 2024, with related productivity improvements commencing in 2023. The overall project is expected to result in cumulative pretax charges of approximately \$45 million, which include employee-related costs of \$4 million, other cash costs of \$21 million and non-cash costs, primarily consisting of accelerated depreciation and asset write-offs, of \$20 million. Charges incurred related to this restructuring program were approximately \$5 million during 2021. These charges primarily related to severance costs, and were recorded in COGS.

During 2019, the Company announced a reorganization plan for its European reportable segment designed to simplify the organization, increase organizational efficiency, and enhance key processes. The project was substantially completed as of the end of fiscal year 2020. Total charges and cash costs were in line with expectations. The Company recorded total net charges of \$(1) million in 2020, with \$7 million recorded in SGA expense and \$(8) million recorded in OIE. The Company recorded total net charges of \$38 million in 2019, with \$43 million recorded in SGA expense and \$(5) million recorded in OIE. The project resulted in cumulative pretax net charges of approximately \$37 million, including certain non-cash credits. Total cash costs were approximately \$50 million. The total charges include severance and other termination benefits and charges related to relocation, pension curtailment gains, third party legal and consulting fees, and contract termination costs.

Also during 2019, the Company announced a reorganization plan which primarily impacted the North America reportable segment, designed to simplify the organization that supports the remaining North America reportable segment after the divestiture and related transition. The project was substantially completed as of the end of fiscal year 2020. Total charges and cash costs were in line with expectations. The Company recorded total charges of \$2 million and \$21 million related to this initiative during 2020 and 2019, respectively. These charges were recorded in SGA expense. The project has resulted in cumulative pretax charges of approximately \$23 million. Total charges include severance and other termination benefits and charges related to third party consulting fees.

In addition to the projects discussed above, during 2021 and 2020 the Company incurred restructuring costs in each of its reportable segments related to various reorganization and simplification initiatives and supply chain optimization projects. The Company recorded total charges of \$22 million related to these initiatives during 2021, including \$16 million in COGS and \$6 million in SGA expense. The Company recorded total charges of \$28 million related to these initiatives during 2020, including \$6 million in COGS and \$22 million in SGA expense. These costs primarily relate to severance and other termination benefits.

Project K

As of the end of 2019, the Company completed implementation of all Project K initiatives. Total project charges, after-tax cash costs and annual savings delivered by Project K were in line with expectations.

Cumulatively, Project K resulted in total pre-tax charges of approximately \$1.6 billion, with after-tax cash costs, including incremental capital investments of approximately \$1.2 billion.

Annual cost savings generated from Project K are approximately \$700 million. These savings were realized primarily in selling, general and administrative expense with additional benefit realized in gross profit as cost of goods sold savings are partially offset by negative volume and price impacts resulting from go-to-market business model changes. The overall savings profile of the project reflects our go-to-market initiatives that will impact both selling, general and administrative expense and gross profit. Cost savings have been utilized to offset inflation and fund investments in areas such as in-store execution, sales capabilities, including adding sales representatives, and in the design and quality of our products. We have also invested in production capacity in developing and emerging markets, and in global category teams.

Refer to Note 5 within Notes to Consolidated Financial Statements for further information related to Project K and other restructuring activities.

Foreign currency translation

The reporting currency for our financial statements is the U.S. dollar. Certain of our assets, liabilities, expenses and revenues are denominated in currencies other than the U.S. dollar, primarily in the euro, British pound, Mexican peso, Australian dollar, Canadian dollar, Brazilian Real, Nigerian Naira, and Russian ruble. To prepare our consolidated financial statements, we must translate those assets, liabilities, expenses and revenues into U.S. dollars at the applicable exchange rates. As a result, increases and decreases in the value of the U.S. dollar against these other currencies will affect the amount of these items in our consolidated financial statements, even if their value has not changed in their original currency. This could have significant impact on our results if such increase or decrease in the value of the U.S. dollar is substantial.

Interest expense

Interest expense was \$223 million and \$281 million for the years ended January 1, 2022 and January 2, 2021, respectively. The decrease from the prior year is due primarily to debt redemption costs totaling \$20 million in the prior year as well as lower average outstanding debt compared to the prior year. Interest expense capitalized as part of the construction cost of fixed assets was immaterial for both periods.

Interest income (recorded in other income (expense), net) was \$12 million and \$21 million for the years ended January 1, 2022 and January 2, 2021, respectively.

Income taxes

Our reported effective tax rate for 2021 and 2020 was 24.1% and 20.2%, respectively.

The 2021 effective tax rate was unfavorably impacted by tax legislation in the UK and the establishment of a full valuation allowance related to certain foreign deferred tax assets. During the second quarter of 2021, the Company recorded tax expense of \$23 million as a result of tax legislation enacted in the UK in June 2021, which increased the statutory UK tax rate from 19 percent to 25 percent for tax periods after April 1, 2023. The Company revalued its net deferred tax balances related to the UK business to reflect the increased tax rate. Additionally, during the third quarter, the Company determined that certain foreign deferred tax assets were no longer more likely than not to be realized in the future and a full valuation allowance totaling \$20 million was recorded on a discrete period basis.

The 2020 effective income tax rate was favorably impacted by the reversal of a liability for uncertain tax positions of \$32 million, resulting from the finalization of a tax examination during the third quarter. The reserves were related to the Company's estimate of the transition tax liability in conjunction with the finalization of accounting under Staff Accounting Bulletin No. 118, Income Tax Accounting Implications of the Tax Cuts and Jobs Act.

Adjusted effective tax rates for 2021 and 2020 and were 21.9% and 22.2%, respectively.

The following table provides a reconciliation of reported to adjusted income taxes and effective income tax rate for 2021 and 2020.

Consolidated results (dollars in millions)	2021		2020	
Reported income taxes	\$	474	\$	323
Mark-to-market		41		(39)
Business and portfolio realignment		(12)		(6)
Multi-employer pension plan withdrawal		—		1
Gain on divestiture		—		(1)
Foreign valuation allowance		20		—
UK tax rate change		23		—
U.S. Tax Reform		—		(32)
Adjusted income taxes	\$	402	\$	401
Reported effective income tax rate		24.1 %		20.2 %
Mark-to-market		0.1		(0.4)
Business and portfolio realignment		(0.2)		0.1
Multi-employer pension plan withdrawal		—		—
Gain on divestiture		—		—
Foreign valuation allowance		1.1		—
UK tax rate change		1.3		—
U.S. Tax Reform		— %		(1.8)%
Adjusted effective income tax rate		21.9 %		22.2 %

Note: Tables may not foot due to rounding.

For more information on reconciling items in the table above, please refer to the Significant items impacting comparability section.

Fluctuations in foreign currency exchange rates could impact the expected effective income tax rate as it is dependent upon U.S. dollar earnings of foreign subsidiaries doing business in various countries with differing statutory rates. Additionally, the rate could be impacted by tax legislation and if pending uncertain tax matters, including tax positions that could be affected by planning initiatives, are resolved more or less favorably than we currently expect.

LIQUIDITY AND CAPITAL RESOURCES

At this time, the COVID-19 pandemic has not materially impacted our liquidity and we anticipate current cash and marketable security balances, operating cash flows, together with our credit facilities and other financing sources including commercial paper, credit and bond markets, will be adequate to meet our operating, investing and financing needs. We expect cash provided by operating activities of \$1.7-\$1.8 billion and capital expenditures of approximately \$600 million in 2022. We currently have \$2.5 billion of unused revolving credit agreements, including \$1.5 billion effective through 2026 and \$1.0 billion effective through December 2022, as well as continued access to the commercial paper markets. We are currently in compliance with all debt covenants and do not have material uncertainty about our ability to maintain compliance in future periods. We continue to utilize available capacity within the Monetization Programs to maintain financial flexibility without negatively impacting working capital. As the impact of COVID-19 on the economy and our operations evolves, we will continue to assess our liquidity needs.

Our principal source of liquidity is operating cash flows supplemented by borrowings for major acquisitions and other significant transactions. Our cash-generating capability is one of our fundamental strengths and provides us with substantial financial flexibility in meeting operating and investing needs.

We have historically reported negative working capital primarily as the result of our focus to improve core working capital by reducing our levels of trade receivables and inventory while extending the timing of payment of our trade payables. The impacts of the extended customer terms programs and of the monetization programs are included in our calculation of core working capital and are largely offsetting. These programs are all part of our ongoing working capital management.

We periodically monitor our supplier payment terms to assess whether our terms are competitive and in line with local market terms. To the extent that such assessment indicates that our supplier payment terms are not aligned with local market terms, we may seek to adjust our terms, including extending or shortening our payment due dates as appropriate. Supplier payment term modifications did not have a material impact on our cash flows during 2021, and are not expected to have a material impact in 2022.

We have a substantial amount of indebtedness which results in current maturities of long-term debt and notes payable which can have a significant impact on working capital as a result of the timing of these required payments. These factors, coupled with the use of our ongoing cash flows from operations to service our debt obligations, pay dividends, fund acquisition opportunities, and repurchase our common stock, reduce our working capital amounts.

We had negative working capital of \$1.9 billion and \$1.8 billion as of January 1, 2022 and January 2, 2021, respectively.

We believe that our operating cash flows, together with our credit facilities and other available debt financing, including commercial paper, will be adequate to meet our operating, investing and financing needs in the foreseeable future. However, there can be no assurance that volatility and/or disruption in the global capital and credit markets will not impair our ability to access these markets on terms acceptable to us, or at all.

The following table sets forth a summary of our cash flows:

(dollars in millions)	2021	2020
Net cash provided by (used in):		
Operating activities	\$ 1,701	\$ 1,986
Investing activities	(528)	(585)
Financing activities	(1,306)	(1,388)
Effect of exchange rates on cash and cash equivalents	(16)	25
Net increase (decrease) in cash and cash equivalents	\$ (149)	\$ 38

Operating activities

The principal source of our operating cash flows is net earnings, primarily cash receipts from the sale of our products, net of costs to manufacture and market our products.

Net cash provided by our operating activities for 2021 totaled \$1,701 million compared to \$1,986 million in the prior year. The decrease is due primarily to higher year-over-year income tax payments and changes in incentive compensation and other accruals from the prior year.

Our cash conversion cycle (defined as days of inventory and trade receivables outstanding less days of trade payables outstanding, based on a trailing 12 month average), is approximately negative 9 days and negative 11 days for 2021 and 2020, respectively. Core working capital in 2021 averaged 1.0% of net sales compared to 1.2% in 2020.

Our total pension and postretirement benefit plan funding amounted to \$20 million and \$32 million for the years ended January 1, 2022 and January 2, 2021, respectively.

The Pension Protection Act (PPA), and subsequent regulations, determines defined benefit plan minimum funding requirements in the United States. We believe that we will not be required to make any contributions under PPA requirements until 2022 or beyond. Our projections concerning timing of PPA funding requirements are subject to change primarily based on general market conditions affecting trust asset performance, future discount rates based on average yields of high quality corporate bonds and our decisions regarding certain elective provisions of the PPA.

We currently project that we will make total U.S. and foreign benefit plan contributions in 2022 of approximately \$20 million. Actual 2022 contributions could be different from our current projections, as influenced by our decision to undertake discretionary funding of our benefit trusts versus other competing investment priorities, future changes in government requirements, trust asset performance, renewals of union contracts, or higher-than-expected health care claims cost experience.

We measure cash flow as net cash provided by operating activities reduced by expenditures for property additions. We use this non-GAAP financial measure of cash flow to focus management and investors on the amount of cash available over time for debt repayment, dividend distributions, acquisition opportunities, and share repurchases. Our cash flow metric is reconciled to the most comparable GAAP measure, as follows:

(dollars in millions)	2021	2020
Net cash provided by operating activities	\$ 1,701	\$ 1,986
Additions to properties	(553)	(505)
Cash flow	\$ 1,148	\$ 1,481

Investing activities

Our net cash used in investing activities for 2021 totaled \$528 million compared to \$585 million in 2020.

Capital spending in 2021 included investments in our supply chain infrastructure, including manufacturing capacity expansions in multiple markets and categories and initiatives targeting waste reductions and productivity improvements.

Cash paid for additions to properties as a percentage of net sales was 3.9% and 3.7% in 2021 and 2020, respectively.

Financing activities

Our net cash used in financing activities totaled \$1,306 million compared to \$1,388 million during the prior year. The year-over-year variance was driven by the repayment of €500 million, seven-year 1.75% Euro Notes upon maturity in May 2021 and the repurchase of \$240 million of our common stock during the current year, partially offset by the May 2021 issuance of €300 million eight-year 0.50% Euro Notes due 2029.

Total debt was \$7.1 billion and \$7.5 billion at year-end 2021 and 2020, respectively.

The following table reflects net debt amounts:

(millions, unaudited)	January 1, 2022		January 2, 2021	
Notes payable	\$	137	\$	102
Current maturities of long-term debt		712		627
Long-term debt		6,262		6,746
Total debt liabilities	\$	7,111	\$	7,475
Less:				
Cash and cash equivalents		(286)		(435)
Net debt	\$	6,825	\$	7,040

In May 2021, we issued €300 million of eight-year 0.50% Euro Notes due 2029, resulting in net proceeds of €298 million after discount and underwriting commissions. The 2029 Euro Notes were issued as a sustainability bond, and thus an amount equal to the net proceeds will be used to finance or refinance, in whole or in part, one or more eligible environmental or social projects described in the Company's Sustainability Bond Framework. The Notes contain customary covenants that limit the ability of the Company and its restricted subsidiaries (as defined) to incur certain liens or enter into certain sale and lease-back transactions, as well as a change of control provision. Additionally, we repaid the €500 million, seven-year 1.75% Euro Notes due 2021, upon maturity.

In May of 2020, we issued \$500 million of ten-year 2.10% Notes due 2030, resulting in net proceeds after debt discount of \$496 million. The proceeds from these notes were used for general corporate purposes, including the payment of offering related fees and expenses, repayment of a portion of the \$600 million 4.00% Notes due 2020 upon maturity, and repayment of a portion of commercial paper borrowings. The Notes contain customary covenants that limit the ability of the Company and its restricted subsidiaries (as defined) to incur certain liens or enter into certain sale and lease-back transactions, as well as a change of control provision.

In December of 2020, we redeemed \$198 million of our 3.250% Senior Notes due 2021 and \$358 million of our 3.125% Senior Notes due 2022. Additionally, the remaining balance of the \$600 million 4.00% Notes due 2020 was redeemed upon maturity.

We paid quarterly dividends to shareholders totaling \$2.31 per share in 2021 versus \$2.28 per share in 2020. On February 18, 2022, the Board of Directors declared a dividend of \$.58 per common share, payable on March 15, 2022 to shareholders of record at the close of business on March 1, 2022.

We entered into an unsecured Five-Year Credit Agreement in December 2021, allowing us to borrow, on a revolving credit basis, up to \$1.5 billion and expiring in December 2026.

In December 2021, we entered into an unsecured 364-Day Credit Agreement to borrow, on a revolving credit basis, up to \$1.0 billion at any time outstanding, to replace the \$1.0 billion 364-day facility that was originally set to expire in January 2022.

The Five-Year and 364 Day Credit Agreements which had no outstanding borrowings as January 1, 2022, contain customary covenants and warranties, including specified restrictions on indebtedness, liens and a specified interest expense coverage ratio. If an event of default occurs, then, to the extent permitted, the administrative agents may terminate the commitments under the credit facilities, accelerate any outstanding loans under the agreements, and demand the deposit of cash collateral equal to the lender's letter of credit exposure plus interest. The Company was in compliance with all financial covenants contained in these agreements at January 1, 2022.

Our Notes contain customary covenants that limit the ability of the Company and its restricted subsidiaries (as defined) to incur certain liens or enter into certain sale and lease-back transactions and also contain a change of control provision. There are no significant restrictions on the payment of dividends. We were in compliance with all covenants as of January 1, 2022.

The Notes do not contain acceleration of maturity clauses that are dependent on credit ratings. A change in our credit ratings could limit our access to the U.S. short-term debt market and/or increase the cost of refinancing long-term debt in the future. However, even under these circumstances, we would continue to have access to our 364-Day Credit Facility, which expires in December 2022, as well as our Five-Year Credit Agreement, which expires in December 2026. This source of liquidity is unused and available on an unsecured basis, although we do not currently plan to use it.

We monitor the financial strength of our third-party financial institutions, including those that hold our cash and cash equivalents as well as those who serve as counterparties to our credit facilities, our derivative financial instruments, and other arrangements.

We continue to believe that we will be able to meet our interest and principal repayment obligations and maintain our debt covenants for the foreseeable future, while still meeting our operational needs, including the pursuit of select acquisitions. This will be accomplished through our strong cash flow, our short-term borrowings, and our maintenance of credit facilities on a global basis.

Monetization and Accounts Payable programs

We have a program in which customers could extend their payment terms in exchange for the elimination of early payment discounts (Extended Terms Program). In order to mitigate the net working capital impact of the Extended Terms Program for discrete customers, we entered into agreements to sell, on a revolving basis, certain trade accounts receivable balances to third party financial institutions (Monetization Programs). Transfers under the Monetization Programs are accounted for as sales of receivables resulting in the receivables being de-recognized from our Consolidated Balance Sheet. The Monetization Programs provide for the continuing sale of certain receivables on a revolving basis until terminated by either party; however the maximum funding from receivables that may be sold at any time is currently \$1.1 billion, but may be increased or decreased as customers move in or out of the Extended Terms Program and as additional financial institutions move in or out of the Monetization Programs. Accounts receivable sold of \$549 million and \$783 million remained outstanding under this arrangement as of January 1, 2022 and January 2, 2021, respectively.

The Monetization Programs are designed to directly offset the impact the Extended Terms Program would have on the days-sales-outstanding (DSO) metric that is critical to the effective management of the Company's accounts receivable balance and overall working capital. Current DSO levels within North America are consistent with DSO levels prior to the execution of the Extended Term Program and Monetization Programs.

Refer to Note 2 within Notes to Consolidated Financial Statements for further information related to the sale of accounts receivable.

We have agreements with third parties (Accounts Payable Program) to provide accounts payable tracking systems which facilitate participating suppliers' ability to monitor and, if elected, sell our payment obligations to designated third-party financial institutions. Participating suppliers may, at their sole discretion, make offers to sell one or more of our payment obligations prior to their scheduled due dates at a discounted price to participating financial institutions. Our goal is to capture overall supplier savings, in the form of payment terms or vendor funding, and the agreements facilitate the suppliers' ability to sell payment obligations, while providing them with greater working capital flexibility. We have no economic interest in the sale of these suppliers' receivables and no direct financial relationship with the financial institutions concerning these services. Our obligations to our suppliers, including amounts due and scheduled payment dates, are not impacted by suppliers' decisions to sell amounts under the

arrangements. However, our right to offset balances due from suppliers against payment obligations is restricted by the agreements for those payment obligations that have been sold by suppliers.

Refer to Note 1 within Notes to Consolidated Financial Statements for further information related to accounts payable.

If financial institutions were to terminate their participation in the Monetization Programs and we are not able to modify related customer payment terms, working capital could be negatively impacted. Additionally, working capital could be negatively impacted if we shorten our supplier payment terms as a result of supplier negotiations. For suppliers participating in the Accounts Payable Programs, financial institutions may terminate their participation or we could experience a downgrade in our credit rating that could result in higher costs to suppliers. If working capital is negatively impacted as a result of these events and we were unable to secure alternative programs, we may have to utilize our various financing arrangements for short-term liquidity or increase our long-term borrowings.

CONTRACTUAL OBLIGATIONS

We have material contractual obligations that arise in the normal course of business and we believe cash flow from operations will be adequate to meet our liquidity and capital needs for at least the next 12 months. In addition to principal and interest payments on our outstanding long-term debt and notes payable balances, our contractual obligations primarily consist of lease payments, income taxes, pension and postretirement benefits and unconditional purchase obligations.

A summary of our operating and finance lease obligations as of January 1, 2022 can be found in Note 7 “Leases and Other Commitments”, to the Consolidated Financial Statements contained in this report.

A summary of principal payments for long-term debt as of January 1, 2022 can be found in Note 8 “Debt”, to the Consolidated Financial Statements contained in this report.

Interest payments will be approximately \$200 million per year from 2022 through 2026 and approximately \$900 million in total from 2027 through the last debt maturity date.

A summary of our pension and postretirement benefit obligations as of January 1, 2022 can be found in Notes 10 “Pension Benefits” and Note 11 “Nonpension Postretirement and Postemployment Benefits”, to the Consolidated Financial Statements contained in this report.

See Note 13 “Income Taxes”, to the Consolidated Financial Statements contained in this report for discussion of uncertain tax positions.

Our unconditional purchase obligations consist primarily of fixed commitments for raw materials to be utilized in the normal course of business and for marketing, advertising and other services. As of January 1, 2022, unconditional purchase obligations totaled approximately \$1.5 billion. Approximately \$1.2 billion of these unconditional purchase obligations will be settled in the ordinary course of business in the next the 12 months.

As of January 1, 2022, we did not have any material off-balance sheet arrangements.

CRITICAL ACCOUNTING ESTIMATES

Promotional expenditures

Our promotional activities are conducted either through the retail trade or directly with consumers and include activities such as in-store displays and events, feature price discounts, consumer coupons, contests and loyalty programs. The costs of these activities are generally recognized at the time the related revenue is recorded, which normally precedes the actual cash expenditure. The recognition of these costs therefore requires management judgment regarding the volume of promotional offers that will be redeemed by either the retail trade or consumer. These estimates are made using various techniques including historical data on performance of similar promotional programs. Differences between estimated expense and actual redemptions are normally immaterial and recognized as a change in management estimate in a subsequent period. On a full-year basis, these subsequent period adjustments represent approximately 1% of our company's net sales. However, our company's total promotional expenditures (including amounts classified as a revenue reduction) are significant, so it is likely our results would be materially different if different assumptions or conditions were to prevail.

Goodwill and other intangible assets

We review our operating segment and reporting unit structure annually or as significant changes in the organization occur and assess goodwill impairment risk throughout the year by performing a qualitative review of entity-specific, industry, market and general economic factors affecting our reporting units with goodwill. Annually during the fourth quarter, in conjunction with our annual budgeting process, we may perform qualitative testing, or depending on factors such as prior-year test results, current year developments, current risk evaluations and other practical considerations, we may instead perform a quantitative impairment test. In our quantitative testing, we compare a reporting unit's estimated fair value with its carrying value with a reporting unit's fair value being estimated using market multiples. This approach employs market multiples based on either sales or earnings before interest, taxes, depreciation and amortization for companies that are comparable to our reporting units. In the event the fair value determined using the market multiple approach is close to carrying value, we may supplement the fair value determination using discounted cash flows that incorporates assumptions surrounding planned growth rates, market-based discount rates and estimates of residual value. The assumptions used for the impairment test are consistent with those utilized by a market participant performing similar valuations for our reporting units. These estimates are made using various inputs including historical data, current and anticipated market conditions, management plans, and market comparables. If the carrying value of a reporting unit exceeds its fair value, we consider the reporting unit impaired and reduce its carrying value of goodwill such that the reporting unit's new carrying value is the estimated fair value.

Similarly, we assess indefinite-life intangible assets impairment risk throughout the year by performing a qualitative review and assessing events and circumstances that could affect the fair value or carrying value of these intangible assets. Annually during the fourth quarter, in conjunction with our annual budgeting process, we may perform qualitative testing, or depending on factors such as prior-year test results, current year developments, current risk evaluations and other practical considerations, we may instead perform a quantitative impairment test. In the quantitative testing, we compare an intangible asset's estimated fair value with its carrying value with the intangible asset's fair value being determined using estimates of future cash flows to be generated from that asset based on estimates of future sales, as well as assumptions surrounding earnings growth rates, royalty rates and discount rates consistent with rates used by market participants. These estimates are made using various inputs including historical data, current and anticipated market conditions, management plans, and market comparables. If the carrying value of the asset exceeds its fair value, we consider the asset impaired and reduce its carrying value to the estimated fair value. We perform an impairment evaluation of goodwill and intangible assets with indefinite useful lives at least annually during the fourth quarter of each year in conjunction with our annual budgeting process.

We also evaluate the useful life over which a non-goodwill intangible asset with a finite life is expected to contribute directly or indirectly to our cash flows. Reaching a determination on useful life requires significant judgments and assumptions regarding the future effects of obsolescence, demand, competition, other economic factors (such as the stability of the industry, known technological advances, legislative action that results in an uncertain or changing regulatory environment, and expected changes in distribution channels), the level of required maintenance expenditures, and the expected lives of other related groups of assets.

At January 1, 2022, goodwill and other intangible assets amounted to \$8.2 billion, consisting primarily of goodwill and brands. Within this total, approximately \$2.0 billion of non-goodwill intangible assets were classified as indefinite-lived, including \$1.7 billion related to trademarks, comprised principally of Pringles and cracker-related trademarks. The majority of all goodwill and other intangible assets are recorded in our North America reporting unit.

The Company currently believes the fair value of goodwill and other intangible assets exceeds their carrying value and that those intangibles so classified will contribute indefinitely to cash flows. Our impairment testing performed through the fourth quarter of 2021 consisted of qualitative testing for all reporting unit goodwill and all indefinite-lived intangible assets, except for one brand, for which quantitative testing was performed. No heightened risk of impairment of individual intangible assets or reporting units was identified.

We have \$184 million at January 1, 2022 related to one brand in the North America operating segment that primarily relates to snack category products. In performing the quantitative test of this brand, fair value was determined using a relief from royalty valuation method that includes estimates, and significant assumptions, of future cash flows to be generated from that asset based on estimates of future sales, royalty rate and discount rate consistent with rates used by market participants. We determined the fair value of this brand exceeds its carrying value and no heightened risk of impairment exists for the asset.

In the fourth quarter of 2020 we finalized a decision to reorganize part of our North America operating segment, including the RX reporting unit, effective at the beginning of fiscal 2021. The reorganization further integrated the RX business with the rest of the North American business and changed internal reporting provided to the segment manager. As a result of these changes, we re-evaluated our North American reporting units and determined that effective at the beginning of fiscal 2021, the RX reporting unit was combined with the North America reporting unit. We evaluated the related impacted reporting units for impairment on a before and after basis and concluded that the fair values of each reporting unit exceeded their carrying values.

Retirement benefits

Our company sponsors a number of U.S. and foreign defined benefit employee pension plans and also provides retiree health care and other welfare benefits in the United States and Canada. Plan funding strategies are influenced by tax regulations and asset return performance. A majority of plan assets are invested in a globally diversified portfolio of debt and equity securities with smaller holdings of other investments. We recognize the cost of benefits provided during retirement over the employees' active working life to determine the obligations and expense related to our retiree benefit plans. Inherent in this concept is the requirement to use various actuarial assumptions to predict and measure costs and obligations many years prior to the settlement date. Major actuarial assumptions that require significant management judgment and have a material impact on the measurement of our consolidated benefits expense and accumulated obligation include the long-term rates of return on plan assets, the health care cost trend rates, the mortality table and improvement scale, and the interest rates used to discount the obligations for our major plans, which cover employees in the United States, United Kingdom and Canada.

Our expense recognition policy for pension and nonpension postretirement benefits is to immediately recognize actuarial gains and losses in our operating results in the year in which they occur. Actuarial gains and losses are recognized annually as of our measurement date, which is our fiscal year-end, or when remeasurement is otherwise required under generally accepted accounting principles.

Additionally, for purposes of calculating the expected return on plan assets related to pension and nonpension postretirement benefits we use the fair value of plan assets.

To conduct our annual review of the long-term rate of return on plan assets, we model expected returns over a 20-year investment horizon with respect to the specific investment mix of each of our major plans. The return assumptions used reflect a combination of rigorous historical performance analysis and forward-looking views of the financial markets including consideration of current yields on long-term bonds, price-earnings ratios of the major stock market indices, and long-term inflation. Our U.S. plan model, corresponding to approximately 69% of our trust assets globally, currently incorporates a long-term inflation assumption of 2.5% and a 2021 weighted-average active management premium of 0.75% (net of fees) validated by historical analysis and future return expectations. Although we review our expected long-term rates of return annually, our benefit trust investment performance for one particular year does not, by itself, significantly influence our evaluation. Our expected rates of return have generally not been revised, provided these rates continue to fall within a "more likely than not" corridor of between the 25th and 75th percentile of expected long-term returns, as determined by our modeling process. Our assumed rate of return for U.S. plans in 2021 was 6.25%, equated to approximately the 65th percentile expectation of our model, respectively. Similar methods are used for various foreign plans with invested assets, reflecting local economic conditions. Foreign trust investments represent approximately 31% of our global benefit plan assets.

Based on consolidated benefit plan assets at January 1, 2022, a 100 basis point increase or decrease in the assumed rate of return would correspondingly decrease or increase 2022 benefits expense by approximately \$61 million. For the years ended January 1, 2022 and January 2, 2021, our actual return on plan assets exceeded (was less than) the recognized assumed return by \$(33) million and \$400 million, respectively.

Pension assets include a level 3 investment comprising 5% of total plan assets as of January 1, 2022. The investment, a buy-in annuity contract, is valued based on the calculated pension benefit obligation covered by the contract.

To conduct our annual review of health care cost trend rates, we model our actual claims cost data over a five-year historical period, including an analysis of pre-65 versus post-65 age groups and other important demographic components in our covered retiree population. This data is adjusted to eliminate the impact of plan changes and other factors that would tend to distort the underlying cost inflation trends. This year, 2020 experience was adjusted to remove the estimated impact of COVID-19 claims. No adjustment was made to 2021 claims. Our initial health care cost trend rate is reviewed annually and adjusted as necessary to remain consistent with recent historical experience and our expectations regarding short-term future trends. Kellogg's 5-year average claims inflation has been in the vicinity of 5.00% in recent years. Our initial trend rate for 2022 of 5.25% reflects the expectation that there may still be some additional impacts of the COVID-19 pandemic that have not yet been reflected, including continued upward pressure on trends due to the return of deferred care, ongoing COVID-19 associated costs, and increased prices driven by investment in the healthcare system to prepare for the next epidemic. Our initial rate remains flat for three years before trending downward by 0.25% per year, until the ultimate trend rate of 4.5% is reached. The ultimate trend rate is adjusted annually, as necessary, to approximate the current economic view on the rate of long-term inflation plus an appropriate health care cost premium. Any arising health care claims cost-related experience gain or loss is recognized in the year in which they occur. The experience gain arising from recognition of 2021 claims experience was approximately \$44 million.

Assumed mortality rates of plan participants are a critical estimate in measuring the expected payments a participant will receive over their lifetime and the amount of expense we recognize. In 2019, the Society of Actuaries (SOA) published updated mortality tables and an updated improvement scale. In 2021, the SOA released an updated improvement scale that incorporates an additional year of data. In determining the appropriate mortality assumptions as of 2021 fiscal year-end, we used the 2019 SOA tables with collar adjustments based on Kellogg's current population, consistent with the prior year. In addition, based on mortality information available from the Social Security Administration and other sources, we developed assumptions for future mortality improvement in line with our expectations for future experience. The change to the mortality assumption increased the year-end pension and postretirement benefit obligations by \$15 million and \$5 million, respectively.

To conduct our annual review of discount rates, we selected the discount rate based on a cash-flow matching analysis using Willis Towers Watson's proprietary RATE:Link tool and projections of the future benefit payments constituting the projected benefit obligation for the plans. RATE:Link establishes the uniform discount rate that produces the same present value of the estimated future benefit payments, as is generated by discounting each year's benefit payments by a spot rate applicable to that year. The spot rates used in this process are derived from a yield curve created from yields on the 40th to 90th percentile of U.S. high quality bonds. A similar methodology is applied in Canada and Europe, and in the United Kingdom the underlying yield curve was derived after further adjustments to the universe of bonds to remove government backed bonds. We use a December 31 measurement date for our defined benefit plans. Accordingly, we select yield curves to measure our benefit obligations that are consistent with market indices during December of each year.

Based on consolidated obligations at January 1, 2022, a 25 basis point decline in the yield curve used for benefit plan measurement purposes would decrease 2022 benefits expense by approximately \$8 million and would result in an immediate loss recognition of \$207 million. All obligation-related actuarial gains and losses are recognized immediately in the year in which they occur.

Despite the previously-described policies for selecting major actuarial assumptions, we periodically experience material actuarial gains or losses due to differences between assumed and actual experience and due to changing economic conditions. During 2021, we recognized a net actuarial gain of approximately \$164 million compared to a net actuarial loss of approximately \$151 million in 2020. The total net gain recognized in 2021 was driven by a gain of approximately \$197 million of plan experience and assumption changes, including increases in the discount rate, partially offset by a \$33 million loss from lower than expected asset returns.

During 2021, we made contributions in the amount of \$4 million to Kellogg's global tax-qualified pension programs. This amount was mostly non-discretionary. Additionally, we contributed \$16 million to our retiree medical programs.

Income taxes

Our consolidated effective income tax rate is influenced by tax planning opportunities available to us in the various jurisdictions in which we operate. The calculation of our income tax provision and deferred income tax assets and liabilities is complex and requires the use of estimates and judgment.

We recognize tax benefits associated with uncertain tax positions when, in our judgment, it is more likely than not that the positions will be sustained upon examination by a taxing authority. For tax positions that meet the more likely than not recognition threshold, we initially and subsequently measure the tax benefits as the largest amount that we judge to have a greater than 50% likelihood of being realized upon ultimate settlement. Our liability associated with unrecognized tax benefits is adjusted periodically due to changing circumstances, such as the progress of tax audits, new or emerging legislation and tax planning. The tax position will be de-recognized when it is no longer more likely than not of being sustained. Significant adjustments to our liability for unrecognized tax benefits impacting our effective tax rate are separately presented in the rate reconciliation table of Note 13 within Notes to Consolidated Financial Statements.

Management monitors the Company's ability to utilize certain future tax deductions, operating losses and tax credit carryforwards, prior to expiration as well as the reinvestment assertion regarding our undistributed foreign earnings. Changes resulting from management's assessment will result in impacts to deferred tax assets and the corresponding impacts on the effective income tax rate. Valuation allowances were recorded to reduce deferred tax assets to an amount that will, more likely than not, be realized in the future.

FUTURE OUTLOOK

The Company issued its initial financial guidance for 2022. Specifically, in spite of continued economy-wide supply challenges, the residual impact of the U.S. cereal labor strike, and further acceleration in cost inflation, the Company is projecting:

Organic net sales growth of approximately 3%, led by price/mix growth.

Currency-neutral adjusted operating profit growth of approximately 1-2%.

Currency-neutral adjusted earnings per share to increase by approximately 1-2%.

Net cash provided by operating activities of approximately \$1.7-1.8 billion, with capital expenditure of about \$0.6 billion. As a result, cash flow is expected to be in the \$1.1-1.2 billion range.

Excluded from this guidance, are any significant supply chain or other prolonged market disruptions related to the pandemic or global economy.

Reconciliation of non-GAAP guidance measures

We are unable to reasonably estimate the potential full-year financial impact of mark-to-market adjustments because these impacts are dependent on future changes in market conditions (interest rates, return on assets, and commodity prices). Similarly, because of volatility in foreign exchange rates and shifts in country mix of our international earnings, we are unable to reasonably estimate the potential full-year financial impact of foreign currency translation.

As a result, these impacts are not included in the guidance provided. Therefore, we are unable to provide a full reconciliation of these non-GAAP measures used in our guidance without unreasonable effort as certain information necessary to calculate such measure on a GAAP basis is unavailable, dependent on future events outside of our control and cannot be predicted without unreasonable efforts by the Company.

See the table below that outlines the projected impact of certain other items that are excluded from non-GAAP guidance for 2022:

Impact of certain items excluded from Non-GAAP guidance:	Net Sales	Operating Profit	Earnings Per Share
Business and portfolio realignment (pre-tax)		\$30-\$40M	\$0.09-\$0.12
Income tax impact applicable to adjustments, net**			~\$0.03
Currency-neutral adjusted guidance*		1-2%	1-2%
Organic guidance*	~ 3%		

* 2022 full year guidance for net sales, operating profit, and earnings per share are provided on a non-GAAP basis only because certain information necessary to calculate such measures on a GAAP basis is unavailable, dependent on future events outside of our control and cannot be predicted without unreasonable efforts by the Company. These items for 2022 include impacts of mark-to-market adjustments for pension plans (service cost, interest cost, expected return on plan assets, and other net periodic pension costs are not excluded), commodity contracts, certain equity investments and certain foreign currency contracts. The Company is providing quantification of known adjustment items where available.

** Represents the estimated income tax effect on the reconciling items, using weighted-average statutory tax rates, depending upon the applicable jurisdiction.

Reconciliation of Non-GAAP amounts - Cash Flow Guidance

(billions)

	Full Year 2022
Net cash provided by (used in) operating activities	\$1.7 - \$1.8
Additions to properties	~ (\$0.6)
Cash Flow	\$1.1 - \$1.2

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Our company is exposed to certain market risks, which exist as a part of our ongoing business operations. We use derivative financial and commodity instruments, where appropriate, to manage these risks. As a matter of policy, we do not engage in trading or speculative transactions. Refer to Note 14 within Notes to Consolidated Financial Statements for further information on our derivative financial and commodity instruments.

Foreign exchange risk

Our company is exposed to fluctuations in foreign currency cash flows related primarily to third-party purchases, intercompany transactions, and when applicable, nonfunctional currency denominated third-party debt. Our company is also exposed to fluctuations in the value of foreign currency investments in subsidiaries and cash flows related to repatriation of these investments.

Additionally, volatile market conditions arising from the COVID-19 pandemic may result in significant changes in foreign exchange rates, and in particular a weakening of foreign currencies relative to the U.S. dollar may negatively affect the translation of foreign currency denominated earnings to U.S. dollars. Primary exposures include the U.S. dollar versus the euro, British pound, Australian dollar, Canadian dollar, Mexican peso, Brazilian real, Nigerian naira, Russian ruble and Egyptian pound, and in the case of inter-subsidiary transactions, the British pound versus the euro.

We assess foreign currency risk based on transactional cash flows and translational volatility and may enter into forward contracts, options, and currency swaps to reduce fluctuations in long or short currency positions. Forward contracts and options are generally less than 18 months duration. Currency swap agreements may be established in conjunction with the term of underlying debt issuances.

The total notional amount of foreign currency derivative instruments, including cross currency swaps, at year-end 2021 was \$4.2 billion, representing a settlement receivable of \$35 million. The total notional amount of foreign currency derivative instruments at year-end 2020 was \$4.3 billion, representing a settlement obligation of \$33 million. All of these derivatives were hedges of anticipated transactions, translational exposure, or existing assets or liabilities. Foreign currency contracts generally mature within 18 months and cross currency contracts mature with the related debt. Assuming an unfavorable 10% change in year-end exchange rates, the settlement receivable would have decreased by \$247 million, resulting in a net settlement obligation of \$212 million at year-end 2021 and the settlement obligation would have increased by \$272 million at year-end 2020. These unfavorable changes would generally have been offset by favorable changes in the values of the underlying exposures.

Interest rate risk

Our company is exposed to interest rate volatility with regard to future issuances of fixed rate debt and existing and future issuances of variable rate debt. Primary exposures include movements in U.S. Treasury rates, London Interbank Offered Rates (LIBOR), and commercial paper rates. We periodically use interest rate swaps and forward interest rate contracts to reduce interest rate volatility and funding costs associated with certain debt issues, and to achieve a desired proportion of variable versus fixed rate debt, based on current and projected market conditions.

On December 31, 2021 the London Interbank Offered Rates (LIBOR) was discontinued. LIBOR will be phased out completely by June 30, 2023, and replaced by the Secured Overnight Financing Rate (SOFR). We will have exposure to LIBOR for existing interest rate swaps and forward interest rate contracts through the phase out period. Interest rate swaps and forward interest rate contracts entered into after December 31, 2021 will be based on SOFR.

We entered into interest rate swaps, and in some instances terminated interest rate swaps, in connection with certain U.S. Dollar and Euro Notes. The total notional amount of interest rate swaps at year-end 2021 was \$2.8 billion, representing a settlement receivable of \$4 million. The total notional amount of interest rate swaps at year-end 2020 was \$2.6 billion, representing a settlement receivable of \$46 million. Assuming average variable rate debt levels during the year, a one percentage point increase in interest rates would have increased interest expense by approximately \$13 million and \$8 million at year-end 2021 and 2020, respectively.

Price risk

Our company is exposed to price fluctuations primarily as a result of anticipated purchases of raw and packaging materials, fuel, and energy. Primary exposures include corn, wheat, potato flakes, soybean oil, sugar, cocoa, cartonboard, natural gas, and diesel fuel. We have historically used the combination of long-term contracts with suppliers, and exchange-traded futures and option contracts to reduce price fluctuations in a desired percentage of forecasted raw material purchases over a duration of generally less than 18 months.

Additionally, certain ingredients, packaging and other goods and services have been impacted by the COVID-19 pandemic and inflationary pressures and we expect these supply pressures and market disruptions to continue into 2022.

The total notional amount of commodity derivative instruments at year-end 2021 was \$360 million, representing a settlement obligation of approximately \$1 million. The total notional amount of commodity derivative instruments at year-end 2020 was \$314 million, representing a settlement receivable of approximately \$8 million. Assuming a 10% decrease in year-end commodity prices, the settlement obligation would have increased by \$31 million at year-end 2021, and the settlement receivable would become a settlement obligation of approximately \$22 million at year-end 2020, generally offset by a reduction in the cost of the underlying commodity purchases.

In addition to the commodity derivative instruments discussed above, we use long-term contracts with suppliers to manage a portion of the price exposure associated with future purchases of certain raw materials, including rice, sugar, cartonboard, and corrugated boxes.

Reciprocal collateralization agreements

In some instances we have reciprocal collateralization agreements with counterparties regarding fair value positions in excess of certain thresholds. These agreements call for the posting of collateral in the form of cash, treasury securities or letters of credit if a net liability position to us or our counterparties exceeds a certain amount. As of January 1, 2022 and January 2, 2021, collateral related to reciprocal collateralization agreements and margin deposits for exchange-traded commodity derivative instruments, were immaterial.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

Kellogg Company and Subsidiaries

CONSOLIDATED STATEMENT OF INCOME

(millions, except per share data)	2021		2020		2019
Net sales	\$	14,181	\$	13,770	\$ 13,578
Cost of goods sold		9,621		9,043	9,197
Selling, general and administrative expense		2,808		2,966	2,980
Operating profit	\$	1,752	\$	1,761	\$ 1,401
Interest expense		223		281	284
Other income (expense), net	\$	437	\$	121	\$ 188
Income before income taxes		1,966		1,601	1,305
Income taxes		474		323	321
Earnings (loss) from unconsolidated entities		3		(14)	(7)
Net income	\$	1,495	\$	1,264	\$ 977
Net income (loss) attributable to noncontrolling interests		7		13	17
Net income attributable to Kellogg Company	\$	1,488	\$	1,251	\$ 960
Per share amounts:					
Basic	\$	4.36	\$	3.65	\$ 2.81
Diluted	\$	4.33	\$	3.63	\$ 2.80

Refer to Notes to Consolidated Financial Statements.

CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME

	2021			2020			2019		
(millions)	Pre-tax amount	Tax (expense) benefit	After-tax amount	Pre-tax amount	Tax (expense) benefit	After-tax amount	Pre-tax amount	Tax (expense) benefit	After-tax amount
Net income						\$ 1,264			\$ 977
Other comprehensive income:									
Foreign currency translation adjustments	\$ 14	\$ (57)	(43)	\$ (405)	\$ 84	(321)	\$ 100	\$ (19)	81
Cash flow hedges:									
Unrealized gain (loss) on cash flow hedges	38	(10)	28	(9)	2	(7)	5	(1)	4
Reclassification to net income	22	(6)	16	14	(4)	10	4	(1)	3
Postretirement and postemployment benefits:									
Amounts arising during the period:									
Net experience gain (loss)	(2)	1	(1)	(4)	1	(3)	(16)	5	(11)
Prior service credit (cost)	(18)	4	(14)	(21)	6	(15)	3	(1)	2
Reclassification to net income:									
Net experience (gain) loss	(2)	—	(2)	(3)	1	(2)	(5)	1	(4)
Prior service (credit) cost	—	—	—	(1)	—	(1)	(1)	—	(1)
Available-for-sale securities:									
Unrealized gain (loss)	(1)	—	(1)	3	—	3	4	—	4
Reclassification to net income	(2)	—	(2)	—	—	—	(4)	—	(4)
Other comprehensive income (loss)	\$ 49	\$ (68)	(19)	\$ (426)	\$ 90	(336)	\$ 90	\$ (16)	74
Comprehensive income			\$ 1,476			\$ 928			\$ 1,051
Net income (loss) attributable to noncontrolling interests			7			13			17
Other comprehensive income (loss) attributable to noncontrolling interests			(30)			(52)			—
Comprehensive income attributable to Kellogg Company			\$ 1,499			\$ 967			\$ 1,034

Refer to Notes to Consolidated Financial Statements.

Kellogg Company and Subsidiaries

CONSOLIDATED BALANCE SHEET

(millions, except share data)	2021	2020
Current assets		
Cash and cash equivalents	\$ 286	\$ 435
Accounts receivable, net	1,489	1,537
Inventories	1,398	1,284
Other current assets	221	226
Total current assets	3,394	3,482
Property, net	3,827	3,713
Operating lease right-of-use assets	640	658
Goodwill	5,771	5,799
Other intangibles, net	2,409	2,491
Investment in unconsolidated entities	424	391
Other assets	1,713	1,462
Total assets	\$ 18,178	\$ 17,996
Current liabilities		
Current maturities of long-term debt	\$ 712	\$ 627
Notes payable	137	102
Accounts payable	2,573	2,471
Current operating lease liabilities	116	117
Accrued advertising and promotion	714	776
Accrued salaries and wages	300	378
Other current liabilities	763	767
Total current liabilities	5,315	5,238
Long-term debt	6,262	6,746
Operating lease liabilities	502	520
Deferred income taxes	722	562
Pension liability	706	769
Other liabilities	456	525
Commitments and contingencies		
Equity		
Common stock, \$0.25 par value, 1,000,000,000 shares authorized Issued: 421,098,799 shares in 2021 and 420,962,092 shares in 2020	105	105
Capital in excess of par value	1,023	972
Retained earnings	9,028	8,326
Treasury stock, at cost 79,721,563 shares in 2021 and 77,071,554 shares in 2020	(4,715)	(4,559)
Accumulated other comprehensive income (loss)	(1,721)	(1,732)
Total Kellogg Company equity	3,720	3,112
Noncontrolling interests	495	524
Total equity	4,215	3,636
Total liabilities and equity	\$ 18,178	\$ 17,996

Refer to Notes to Consolidated Financial Statements.

Kellogg Company and Subsidiaries

CONSOLIDATED STATEMENT OF EQUITY

(millions)	Common stock		Capital in excess of par value	Retained earnings	Treasury stock		Accumulated other comprehensive income (loss)	Total Kellogg Company equity	Non-controlling interests	Total equity
	shares	amount			shares	amount				
Balance, December 29, 2018	421	\$ 105	\$ 895	\$ 7,652	77	\$ (4,551)	\$ (1,500)	\$ 2,601	\$ 558	\$ 3,159
Common stock repurchases					4	(220)		(220)		(220)
Net income (loss)				960				960	17	977
Sale of subsidiary shares to noncontrolling interest								—	1	1
Dividends declared (\$2.26 per share)				(769)				(769)		(769)
Distributions to noncontrolling interest								—	(9)	(9)
Other comprehensive income (loss)							74	74	—	74
Reclassification of tax effects relating to U.S. tax reform				22			(22)	—		—
Stock compensation			56					56		56
Stock options exercised and other	—		(30)	(6)	(2)	81		45		45
Balance, December 28, 2019	421	\$ 105	\$ 921	\$ 7,859	79	\$ (4,690)	\$ (1,448)	\$ 2,747	\$ 567	\$ 3,314
Net income (loss)				1,251				1,251	13	1,264
Divestiture								—	(3)	(3)
Dividends declared (\$2.28 per share)				(782)				(782)		(782)
Distributions to noncontrolling interest								—	(1)	(1)
Other comprehensive income (loss)							(284)	(284)	(52)	(336)
Stock compensation			76					76		76
Stock options exercised and other	—		(25)	(2)	(2)	131		104		104
Balance, January 2, 2021	421	\$ 105	\$ 972	\$ 8,326	77	\$ (4,559)	\$ (1,732)	\$ 3,112	\$ 524	\$ 3,636
Common stock repurchases					4	(240)		(240)		(240)
Net income (loss)				1,488				1,488	7	1,495
Acquisition of noncontrolling interest and other			22					22	30	52
Dividends declared (\$2.31 per share)				(788)				(788)	—	(788)
Distributions to noncontrolling interest								—	(36)	(36)
Other comprehensive income (loss)							11	11	(30)	(19)
Stock compensation			68					68		68
Stock options exercised and other	—		(39)	2	(1)	84		47		47
Balance, January 1, 2022	421	\$ 105	\$ 1,023	\$ 9,028	80	\$ (4,715)	\$ (1,721)	\$ 3,720	\$ 495	\$ 4,215

Refer to Notes to Consolidated Financial Statements.

CONSOLIDATED STATEMENT OF CASH FLOWS

(millions)	2021	2020	2019
Operating activities			
Net income	\$ 1,495	\$ 1,264	\$ 977
Adjustments to reconcile net income to operating cash flows:			
Depreciation and amortization	467	479	484
Postretirement benefit plan expense (benefit)	(392)	(77)	(89)
Deferred income taxes	125	69	47
Stock compensation	68	76	56
Multi-employer pension plan exit liability	—	(5)	132
Other	(44)	(16)	(36)
Tax payment related to divestitures	—	—	(255)
Postretirement benefit plan contributions	(20)	(32)	(28)
Changes in operating assets and liabilities, net of acquisitions:			
Trade receivables	(9)	75	(145)
Inventories	(135)	(54)	2
Accounts payable	194	(9)	(9)
All other current assets and liabilities	(48)	216	40
Net cash provided by (used in) operating activities	\$ 1,701	\$ 1,986	\$ 1,176
Investing activities			
Additions to properties	\$ (553)	\$ (505)	\$ (586)
Issuance of notes receivable	(28)	(19)	(30)
Repayments from notes receivable	28	14	5
Purchases of marketable securities	—	(250)	—
Sales of marketable securities	—	250	—
Divestiture, net of cash disposed	—	(7)	1,332
Investments in unconsolidated entities	(10)	—	—
Purchases of available for sale securities	(61)	(81)	(18)
Sales of available for sale securities	72	19	83
Other	24	(6)	(12)
Net cash provided by (used in) investing activities	\$ (528)	\$ (585)	\$ 774
Financing activities			
Net increase (reduction) of notes payable, with maturities less than or equal to 90 days	(27)	(16)	(18)
Issuances of notes payable, with maturities greater than 90 days	73	44	62
Reductions of notes payable, with maturities greater than 90 days	(63)	(34)	(69)
Issuances of long-term debt	361	557	80
Reductions of long-term debt	(650)	(1,229)	(1,009)
Debt redemption costs	—	(20)	(17)
Net issuances of common stock	63	112	64
Common stock repurchases	(240)	—	(220)
Cash dividends	(788)	(782)	(769)
Other	(35)	(20)	(9)
Net cash provided by (used in) financing activities	\$ (1,306)	\$ (1,388)	\$ (1,905)
Effect of exchange rate changes on cash and cash equivalents	(16)	25	31
Increase (decrease) in cash and cash equivalents	\$ (149)	\$ 38	\$ 76
Cash and cash equivalents at beginning of period	435	397	321
Cash and cash equivalents at end of period	\$ 286	\$ 435	\$ 397
Supplemental cash flow disclosures:			
Interest paid	\$ 213	\$ 249	\$ 284
Income taxes paid	\$ 365	\$ 281	\$ 537
Supplemental cash flow disclosures of non-cash investing activities:			
Additions to properties included in accounts payable	\$ 162	\$ 189	\$ 128

Refer to Notes to Consolidated Financial Statements.

Notes to Consolidated Financial Statements

NOTE 1 ACCOUNTING POLICIES

Basis of presentation

The consolidated financial statements include the accounts of the Kellogg Company, those of the subsidiaries that it controls due to ownership of a majority voting interest (Kellogg or the Company). The Company continually evaluates its involvement with variable interest entities (VIEs) to determine whether it has variable interests and is the primary beneficiary of the VIE. When these criteria are met, the Company is required to consolidate the VIE. The Company's share of earnings or losses of nonconsolidated affiliates is included in its consolidated operating results using the equity method of accounting when it is able to exercise significant influence over the operating and financial decisions of the affiliate. The Company records investments in equity securities at fair value if it is not able to exercise significant influence over the operating and financial decisions of the affiliate. The Company's investments in equity securities without a readily determinable fair value are recorded at original cost with adjustments for fair value only when observable price changes from orderly transactions for the investment are identified. Our investments in unconsolidated affiliates and equity securities without a readily determinable fair value are evaluated, at least annually, for indicators of an other-than-temporary impairment. Intercompany balances and transactions are eliminated.

The Company's fiscal year normally ends on the Saturday closest to December 31 and as a result, a 53rd week is added approximately every sixth year. The Company's 2021 and 2019 fiscal years each contained 52 weeks and ended on January 1, 2022, and December 28, 2019, respectively. The Company's 2020 fiscal year ended on January 2, 2021 and included a 53rd week. While quarters normally consist of 13-week periods, the fourth quarter of fiscal 2020 included a 14th week.

Use of estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the periods reported. Actual results could differ from those estimates.

Cash and cash equivalents

Highly liquid investments with remaining stated maturities of three months or less when purchased are considered cash equivalents and recorded at cost.

Accounts receivable

Accounts receivable consists principally of trade receivables, which are recorded at the invoiced amount, net of allowances for expected credit losses and prompt payment discounts. Trade receivables do not bear interest. The allowance for expected credit losses represents management's estimate of the amount of probable credit losses in existing accounts receivable, as determined from a review of past due balances, historical loss information, and an evaluation of customer accounts for potential future losses. Account balances are written off against the allowance when management determines the receivable is uncollectible. For the fiscal years ended 2021 and 2020 the Company did not have off-balance sheet credit exposure related to its customers. Please refer to Note 2 for information on sales of accounts receivable.

Inventories

Inventories are valued at the lower of cost or net realizable value. Cost is determined on an average cost basis.

Property

The Company's property consists mainly of plants and equipment used for manufacturing activities. These assets are recorded at cost and depreciated over estimated useful lives using straight-line methods for financial reporting and accelerated methods, where permitted, for tax reporting. Major property categories are depreciated over various periods as follows (in years): manufacturing machinery and equipment 15-30; office equipment 5; computer equipment and capitalized software 3-7; building components 20; building structures 10-50. Cost includes interest associated with significant capital projects. Plant and equipment are reviewed for impairment when conditions indicate that the carrying value may not be recoverable. Such conditions include an extended period of idleness or a plan of disposal. Assets to be disposed of at a future date are depreciated over the remaining period of use. Assets

to be sold are written down to realizable value at the time the assets are being actively marketed for sale and a sale is expected to occur within one year. There were no material assets held for sale at the fiscal year-end 2021 or 2020.

Goodwill and other intangible assets

The Company reviews our operating segment and reporting unit structure annually or as significant changes in the organization occur and assesses goodwill impairment risk throughout the year by performing a qualitative review of entity-specific, industry, market and general economic factors affecting our reporting units with goodwill. Annually during the fourth quarter, in conjunction with our annual budgeting process, the Company may perform qualitative testing, or depending on factors such as prior-year test results, current year developments, current risk evaluations and other practical considerations, the Company may instead perform a quantitative impairment test. In our quantitative testing, the Company compares a reporting unit's estimated fair value with its carrying value with a reporting unit's fair value being estimated using market multiples. This approach employs market multiples based on either sales or earnings before interest, taxes, depreciation and amortization for companies that are comparable to the Company's reporting units. In the event the fair value determined using the market multiple approach is close to carrying value, the Company may supplement the fair value determination using discounted cash flows that incorporates assumptions surrounding planned growth rates, market-based discount rates and estimates of residual value. The assumptions used for the impairment test are consistent with those utilized by a market participant performing similar valuations for the Company's reporting units. These estimates are made using various inputs including historical data, current and anticipated market conditions, management plans, and market comparables. If the carrying value of a reporting unit exceeds its fair value, the Company considers the reporting unit impaired and reduces its carrying value of goodwill such that the reporting unit's new carrying value is the estimated fair value.

Similarly, the Company assesses indefinite-life intangible assets impairment risk throughout the year by performing a qualitative review and assessing events and circumstances that could affect the fair value or carrying value of these intangible assets. Annually during the fourth quarter, in conjunction with our annual budgeting process, the Company may perform qualitative testing, or depending on factors such as prior-year test results, current year developments, current risk evaluations and other practical considerations, the Company may instead perform a quantitative impairment test. In the quantitative testing, the Company compares an intangible asset's estimated fair value with its carrying value with the intangible asset's fair value being determined using estimates of future cash flows to be generated from that asset based on estimates of future sales, as well as assumptions surrounding earnings growth rates, royalty rates and discount rates consistent with rates used by market participants. These estimates are made using various inputs including historical data, current and anticipated market conditions, management plans, and market comparables. If the carrying value of the asset exceeds its fair value, we consider the asset impaired and reduce its carrying value to the estimated fair value.

We amortize definite-life intangible assets over their estimated useful lives, which materially approximates the pattern of economic benefit and evaluate them for impairment as we do other long-lived assets.

Accounts payable

The Company has agreements with third parties to provide accounts payable tracking systems which facilitate participating suppliers' ability to monitor and, if elected, sell payment obligations from the Company to designated third-party financial institutions. Participating suppliers may, at their sole discretion, make offers to sell one or more payment obligations of the Company prior to their scheduled due dates at a discounted price to participating financial institutions. The Company's goal is to capture overall supplier savings, in the form of payment terms or vendor funding, and the agreements facilitate the suppliers' ability to sell payment obligations, while providing them with greater working capital flexibility. The Company has no economic interest in the sale of these suppliers' receivables and no direct financial relationship with the financial institutions concerning these services. The Company's obligations to its suppliers, including amounts due and scheduled payment dates, are not impacted by suppliers' decisions to sell amounts under the arrangements. However, the Company's right to offset balances due from suppliers against payment obligations is restricted by the agreements for those payment obligations that have been sold by suppliers. The payment of these obligations by the Company is included in cash used in operating activities in the Consolidated Statement of Cash Flows. As of January 1, 2022, \$905 million of the Company's outstanding payment obligations had been placed in the accounts payable tracking system, and participating suppliers had sold \$685 million of those payment obligations to participating financial institutions. As of January 2, 2021, \$909 million of the Company's outstanding payment obligations had been placed in the accounts payable tracking system, and participating suppliers had sold \$670 million of those payment obligations to participating financial institutions.

Revenue recognition

The Company recognizes sales upon delivery of its products to customers. Revenue, which includes shipping and handling charges billed to the customer, is reported net of applicable discounts, returns, allowances, and various government withholding taxes. Methodologies for determining these provisions are dependent on local customer pricing and promotional practices, which range from contractually fixed percentage price reductions to reimbursement based on actual occurrence or performance. Where applicable, future reimbursements are estimated based on a combination of historical patterns and future expectations regarding specific in-market product performance.

The Company recognizes revenue from the sale of food products which are sold to retailers through direct sales forces, broker and distributor arrangements. The Company also recognizes revenue from the license of our trademarks granted to third parties who uses these trademarks on their merchandise and revenue from hauling services provided to third parties within certain markets. Revenue from these licenses and hauling services is not material to the Company.

Contract balances recognized in the current period that are not the result of current period performance are not material to the Company. The Company also does not incur costs to obtain or fulfill contracts.

The Company does not adjust the promised amount of consideration for the effects of significant financing components as the Company expects, at contract inception, that the period between the transfer of a promised good or service to a customer and when the customer pays for that good or service will be one year or less.

The Company accounts for shipping and handling activities that occur before the customer has obtained control of a good as fulfillment activities (i.e., an expense) rather than as a promised service.

The Company excludes from the measurement of transaction price all taxes assessed by a governmental authority that are both imposed on and concurrent with a specific revenue-producing transaction and collected by the Company from a customer for sales taxes.

Performance obligations

The Company recognizes revenue when (or as) performance obligations are satisfied by transferring control of the goods to customers. Control is transferred upon delivery of the goods to the customer. The customer is invoiced with payment terms which are commensurate with the customer's credit profile. Shipping and/or handling costs that occur before the customer obtains control of the goods are deemed to be fulfillment activities and are accounted for as fulfillment costs.

The Company assesses the goods and services promised in its customers' purchase orders and identifies a performance obligation for each promise to transfer a good or service (or bundle of goods or services) that is distinct. To identify the performance obligations, the Company considers all the goods or services promised, whether explicitly stated or implied based on customary business practices. For a purchase order that has more than one performance obligation, the Company allocates the total consideration to each distinct performance obligation on a relative standalone selling price basis.

Significant Judgments

The Company offers various forms of trade promotions and the methodologies for determining these provisions are dependent on local customer pricing and promotional practices, which range from contractually fixed percentage price reductions to provisions based on actual occurrence or performance. Where applicable, future provisions are estimated based on a combination of historical patterns and future expectations regarding specific in-market product performance.

The Company's promotional activities are conducted either through the retail trade or directly with consumers and include activities such as in-store displays and events, feature price discounts, consumer coupons, contests and loyalty programs. The costs of these activities are generally recognized at the time the related revenue is recorded, which normally precedes the actual cash expenditure. The recognition of these costs therefore requires management judgment regarding the volume of promotional offers that will be redeemed by either the retail trade or consumer. These estimates are made using various techniques including historical data on performance of similar promotional programs. Differences between estimated expense and actual redemptions are normally immaterial in

relation to net sales and recognized as a change in management estimate in a subsequent period. The liability associated with these promotions was recorded in other current liabilities.

The Company classifies promotional payments to its customers, the cost of consumer coupons, and other cash redemption offers in net sales.

Advertising and promotion

The Company expenses production costs of advertising the first time the advertising takes place. Advertising expense is classified in selling, general and administrative (SGA) expense.

The Company also classifies consumer promotional expenditures in SGA expense. These promotional expenses are estimated using various techniques including historical cash expenditure and redemption experience and patterns. Differences between estimated expense and actual redemptions are normally immaterial and recognized as a change in management estimate in a subsequent period. The liability associated with these advertising and promotional activities is recorded in other current liabilities.

The cost of promotional package inserts is recorded in cost of goods sold (COGS).

Research and development

The costs of research and development (R&D) are expensed as incurred and are classified in SGA expense. R&D includes expenditures for new product and process innovation, as well as significant technological improvements to existing products and processes. The Company's R&D expenditures primarily consist of internal salaries, wages, consulting, and supplies attributable to time spent on R&D activities. Other costs include depreciation and maintenance of research facilities and equipment, including assets at manufacturing locations that are temporarily engaged in pilot plant activities.

Stock-based compensation

The Company uses stock-based compensation, including stock options, restricted stock, restricted stock units, and executive performance shares, to provide long-term performance incentives for its global workforce.

The Company classifies pre-tax stock compensation expense in SGA and COGS within its corporate operations. Expense attributable to awards of equity instruments is recorded in capital in excess of par value in the Consolidated Balance Sheet.

Certain of the Company's stock-based compensation plans contain provisions that prorate vesting of awards upon retirement, disability, or death of eligible employees and directors. A stock-based award is considered vested for expense attribution purposes when the employee's retention of the award is no longer contingent on providing subsequent service. Accordingly, the Company recognizes compensation cost immediately for awards granted to retirement-eligible individuals or over the period from the grant date to the date retirement eligibility is achieved, if less than the stated vesting period.

The Company recognizes compensation cost for stock option awards that have a graded vesting schedule on a straight-line basis over the requisite service period for the entire award.

Income taxes

The Company recognizes uncertain tax positions based on a benefit recognition model. Provided that the tax position is deemed more likely than not of being sustained, the Company recognizes the largest amount of tax benefit that is greater than 50 percent likely of being ultimately realized upon settlement. The tax position is derecognized when it is no longer more likely than not of being sustained. The Company classifies income tax-related interest and penalties as interest expense and SGA expense, respectively, on the Consolidated Statement of Income. The current portion of the Company's unrecognized tax benefits is presented in the Consolidated Balance Sheet in other current assets and other current liabilities, and the amounts expected to be settled after one year are recorded in other assets and other liabilities.

Management monitors the Company's ability to utilize certain future tax deductions, operating losses and tax credit carryforwards, prior to expiration as well as the reinvestment assertion regarding our undistributed foreign earnings. Changes resulting from management's assessment will result in impacts to deferred tax assets and the corresponding impacts on the effective income tax rate. Valuation allowances were recorded to reduce deferred tax assets to an amount that will, more likely than not, be realized in the future.

Derivative Instruments

The fair value of derivative instruments is recorded in other current assets, other assets, other current liabilities or other liabilities.

Derivative instruments are classified on the Consolidated Balance Sheet based on the contractual maturity of the instrument or the timing of the underlying cash flows of the instrument for derivatives with contractual maturities beyond one year. Any collateral associated with derivative instruments is classified as other assets or other current liabilities on the Consolidated Balance Sheet depending on whether the counterparty collateral is in an asset or liability position. Margin deposits related to exchange-traded commodities are recorded in accounts receivable, net on the Consolidated Balance Sheet. On the Consolidated Statement of Cash Flows, cash flows associated with derivative instruments are classified according to the nature of the underlying hedged item. Cash flows associated with collateral and margin deposits on exchange-traded commodities are classified as investing cash flows when the collateral account is in an asset position and as financing cash flows when the collateral account is in a liability position.

Gains and losses representing either hedge ineffectiveness, hedge components excluded from the assessment of effectiveness, or hedges of translational exposure are recorded in the Consolidated Statement of Income in other income (expense), net (OIE) or interest expense.

Cash flow hedges. Qualifying derivatives are accounted for as cash flow hedges when the hedged item is a forecasted transaction. Gains and losses on these instruments are recorded in other comprehensive income until the underlying transaction is recorded in earnings. When the hedged item is realized, gains or losses are reclassified from accumulated other comprehensive income (loss) (AOCI) to the Consolidated Statement of Income on the same line item as the underlying hedged transaction.

Fair value hedges. Qualifying derivatives are accounted for as fair value hedges when the hedged item is a recognized asset, liability, or firm commitment. Gains and losses on these instruments are recorded in earnings, offsetting gains and losses on the hedged item.

Net investment hedges. Qualifying derivative and nonderivative financial instruments are accounted for as net investment hedges when the hedged item is a nonfunctional currency investment in a subsidiary. Gains and losses on these instruments are included in foreign currency translation adjustments in AOCI.

Derivatives not designated for hedge accounting. Gains and losses on these instruments are recorded in the Consolidated Statement of Income, on the same line item as the underlying hedged item.

Foreign currency exchange risk. The Company is exposed to fluctuations in foreign currency cash flows related primarily to third-party purchases, intercompany transactions and when applicable, nonfunctional currency denominated third-party debt. The Company is also exposed to fluctuations in the value of foreign currency investments in subsidiaries and cash flows related to repatriation of these investments. Additionally, the Company is exposed to volatility in the translation of foreign currency denominated earnings to U.S. dollars. Management assesses foreign currency risk based on transactional cash flows and translational volatility and may enter into forward contracts, options, and currency swaps to reduce fluctuations in long or short currency positions. Forward contracts and options are generally less than 18 months duration.

For foreign currency cash flow and fair value hedges, the assessment of effectiveness is generally based on changes in spot rates. Changes in time value are reported in OIE.

Interest rate risk. The Company is exposed to interest rate volatility with regard to future issuances of fixed rate debt and existing and future issuances of variable rate debt. The Company periodically uses interest rate swaps, including forward-starting swaps, to reduce interest rate volatility and funding costs associated with certain debt issues, and to achieve a desired proportion of variable versus fixed rate debt, based on current and projected market conditions.

Fixed-to-variable interest rate swaps are accounted for as fair value hedges and the assessment of effectiveness is based on changes in the fair value of the underlying debt, using incremental borrowing rates currently available on loans with similar terms and maturities.

Price risk. The Company is exposed to price fluctuations primarily as a result of anticipated purchases of raw and packaging materials, fuel, and energy. The Company has historically used the combination of long-term contracts with suppliers, and exchange-traded futures and option contracts to reduce price fluctuations in a desired percentage of forecasted raw material purchases over a duration of generally less than 18 months.

Pension benefits, nonpension postretirement and postemployment benefits

The Company sponsors a number of U.S. and foreign plans to provide pension, health care, and other welfare benefits to retired employees, as well as salary continuance, severance, and long-term disability to former or inactive employees.

The recognition of benefit expense is based on actuarial assumptions, such as discount rate, long-term rate of compensation increase, and long-term rate of return on plan assets and health care cost trend rate. Service cost is reported in COGS and SGA expense on the Consolidated Statement of Income. All other components of net periodic pension cost are included in OIE.

Postemployment benefits. The Company recognizes an obligation for postemployment benefit plans that vest or accumulate with service. Obligations associated with the Company's postemployment benefit plans, which are unfunded, are included in other current liabilities and other liabilities on the Consolidated Balance Sheet. All gains and losses are recognized over the average remaining service period of active plan participants.

Postemployment benefits that do not vest or accumulate with service or benefits to employees in excess of those specified in the respective plans are expensed as incurred.

Pension and nonpension postretirement benefits. The Company recognizes actuarial gains and losses in operating results in the year in which they occur. Experience gains and losses are recognized annually as of the measurement date, which is the Company's fiscal year-end, or when remeasurement is otherwise required under generally accepted accounting principles. The Company uses the fair value of plan assets to calculate the expected return on plan assets.

Reportable segments are allocated service cost. All other components of pension and postretirement benefit expense, including interest cost, expected return on assets, prior service cost, and experience gains and losses are considered unallocated corporate costs and are not included in the measure of reportable segment operating results. See Note 16 for more information on reportable segments. Management reviews the Company's expected long-term rates of return annually; however, the benefit trust investment performance for one particular year does not, by itself, significantly influence this evaluation. The expected rates of return are generally not revised provided these rates fall between the 25th and 75th percentile of expected long-term returns, as determined by the Company's modeling process.

For defined benefit pension and postretirement plans, the Company records the net overfunded or underfunded position as a pension asset or pension liability on the Consolidated Balance Sheet.

Leases

The Company leases certain warehouses, equipment, vehicles, and office space primarily through operating lease agreements. Finance lease obligations and activity are not material to the Consolidated Financial Statements. Lease obligations are primarily for real estate assets, with the remainder related to manufacturing and distribution related equipment, vehicles, information technology equipment, and rail cars. Leases with an initial term of 12 months or less are not recorded on the balance sheet.

A portion of the Company's real estate leases include future variable rental payments that include inflationary adjustment factors. The future variability of these adjustments is unknown and therefore not included in the minimum lease payments. The Company's lease agreements do not contain any material residual value guarantees or material restrictive covenants.

The leases have remaining terms which range from less than 1 year to 20 years and the majority of leases provide the Company with the option to exercise one or more renewal terms. The length of the lease term used in recording lease assets and lease liabilities is based on the contractually required lease term adjusted for any options to renew or early terminate the lease that are reasonably certain of being executed.

The Company combines lease and non-lease components together in determining the minimum lease payments for the majority of leases. The Company has elected to not combine lease and non-lease components for assets controlled indirectly through third party service-related agreements that include significant production related costs. The Company has closely analyzed these agreements to ensure any embedded costs related to the securing of the leased asset is properly segregated and accounted for in measuring the lease assets and liabilities.

The majority of the leases do not include a stated interest rate, and therefore the Company's periodic incremental borrowing rate is used to determine the present value of lease payments. This rate is calculated based on a collateralized rate for the specific currencies used in leasing activities and the borrowing ability of the applicable Company legal entity.

New accounting standards

Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income. In February 2018, the Financial Accounting Standards Board (FASB) issued an Accounting Standard Update (ASU) permitting a company to reclassify the disproportionate income tax effects of the Tax Cuts and Jobs Act of 2017 on items within accumulated other comprehensive income (AOCI) to retained earnings. We elected to adopt the ASU effective in the first quarter of 2019 and reclassified the disproportionate income tax effect recorded within AOCI to retained earnings. This resulted in a decrease to AOCI and an increase to retained earnings of \$22 million. The adjustment primarily related to deferred taxes previously recorded for pension and other postretirement benefits, as well as hedging positions for debt and net investment hedges.

NOTE 2

SALE OF ACCOUNTS RECEIVABLE

The Company has a program in which a discrete group of customers are allowed to extend their payment terms in exchange for the elimination of early payment discounts (Extended Terms Program).

The Company has two Receivable Sales Agreements (Monetization Programs) described below, which are intended to directly offset the impact the Extended Terms Program would have on the days-sales-outstanding (DSO) metric that is critical to the effective management of the Company's accounts receivable balance and overall working capital. The Monetization Programs are designed to effectively offset the impact on working capital of the Extended Terms Program. The Monetization Programs sell, on a revolving basis, certain trade accounts receivable invoices to third party financial institutions. Transfers under these agreements are accounted for as sales of receivables resulting in the receivables being de-recognized from the Consolidated Balance Sheet. The Monetization Programs provide for the continuing sale of certain receivables on a revolving basis until terminated by either party; however the maximum receivables that may be sold at any time is \$1.1 billion.

The Company has no retained interest in the receivables sold, however the Company does have collection and administrative responsibilities for the sold receivables. The Company has not recorded any servicing assets or liabilities as of January 1, 2022 and January 2, 2021 for these agreements as the fair value of these servicing arrangements as well as the fees earned were not material to the financial statements.

Accounts receivable sold of \$549 million and \$783 million remained outstanding under these arrangements as of January 1, 2022 and January 2, 2021, respectively. The proceeds from these sales of receivables are included in cash from operating activities in the Consolidated Statement of Cash Flows. The recorded net loss on sale of receivables was \$8 million, \$14 million and \$25 million for the years ended January 1, 2022, January 2, 2021 and December 28, 2019, respectively. The recorded loss is included in OIE.

Other programs

Additionally, from time to time certain of the Company's foreign subsidiaries will transfer, without recourse, accounts receivable balances of certain customers to financial institutions. These transactions are accounted for as sales of the receivables resulting in the receivables being de-recognized from the Consolidated Balance Sheet. Accounts receivable sold of \$66 million and \$55 million remained outstanding under these programs as of January 1, 2022 and January 2, 2021, respectively. The proceeds from these sales of receivables are included in cash from operating activities in the Consolidated Statement of Cash Flows. The recorded net loss on the sale of these receivables is included in OIE and is not material.

NOTE 3

DIVESTITURES AND INVESTMENTS IN UNCONSOLIDATED ENTITIES

Divestiture

On July 28, 2019, the Company completed its sale of selected cookies, fruit and fruit-flavored snacks, pie crusts, and ice cream cones businesses to Ferrero International S.A. ("Ferrero") for approximately \$1.3 billion in cash, subject to a working capital adjustment mechanism. Both the total assets and net assets of the businesses were approximately \$1.3 billion, resulting in a net pre-tax gain of \$38 million during the year ended December 28, 2019, recorded in OIE, after including related costs to sell of \$14 million. Additionally, the Company recognized curtailment gains related to the divestiture totaling \$17 million in our U.S. pension and nonpension postretirement plans. During 2020 the working capital adjustment was finalized, resulting in a reduction of the sale proceeds and recognition of a pre-tax expense in OIE of \$4 million. The operating results for these businesses were primarily included in the North America reporting segment prior to the sale.

Proceeds from the divestiture were used primarily to redeem \$1.0 billion of debt during the third quarter of 2019. Additionally, the Company paid approximately \$255 million of cash taxes on the divestiture in the fourth quarter of 2019.

In connection with the sale, the Company entered into a transition services agreement (TSA) with Ferrero, under which the Company will provide certain services to Ferrero to help facilitate an orderly transition of the businesses following the sale. In return for these services, Ferrero is required to pay certain agreed upon fees that are designed to reimburse the Company for certain costs incurred by the Company in providing such services, plus specified immaterial margins. The TSA was completed in the first quarter of 2021.

Investment in unconsolidated entities

The Company holds a 50% ownership interest in Tolaram Africa Foods, PTE LTD (TAF), a holding company with a 49% interest in Dufil Prima Foods, Plc, a food manufacturer in West Africa. The investment in TAF is accounted for under the equity method of accounting and comprises substantially all of the investment in unconsolidated entities balance on the Consolidated Balance Sheet. TAF, and other entities affiliated with TAF, are suppliers to Multipro, a consolidated subsidiary in West Africa. The related trade payables are generally settled on a monthly basis. These suppliers' net sales, totaling \$721 million and \$586 million for the years ended January 1, 2022 and January 2, 2021, respectively, consist primarily of inventory purchases by Multipro.

NOTE 4 GOODWILL AND OTHER INTANGIBLE ASSETS

Goodwill and Intangible Assets

Changes in the carrying amount of goodwill, intangible assets subject to amortization, consisting primarily of customer relationships, and indefinite-lived intangible assets, consisting of brands and distribution agreements, are presented in the following tables:

Carrying amount of goodwill

(millions)	North America	Europe	Latin America	AMEA	Consolidated
December 28, 2019	\$ 4,422	\$ 347	\$ 213	\$ 879	\$ 5,861
Currency translation adjustment	1	20	(33)	(50)	(62)
January 2, 2021	\$ 4,423	\$ 367	\$ 180	\$ 829	\$ 5,799
Acquisition	—	—	—	33	33
Currency translation adjustment	—	(17)	(9)	(35)	(61)
January 1, 2022	\$ 4,423	\$ 350	\$ 171	\$ 827	\$ 5,771

Intangible assets

(millions)	2021			2020		
	Gross Amount	Accumulated Amortization	Net Amount	Gross Amount	Accumulated Amortization	Net Amount
Intangibles subject to amortization (a)	\$ 521	\$ (143)	\$ 378	\$ 544	\$ (121)	\$ 423
Intangibles not subject to amortization	\$ 2,031	\$ —	\$ 2,031	\$ 2,068	\$ —	\$ 2,068

(a) The currently estimated aggregate amortization expense for each of the next five succeeding fiscal periods is approximately \$26 million per year through 2026.

The change in intangible asset values presented in the table above include the impact of foreign currency translation adjustments.

Annual impairment testing

At January 1, 2022, goodwill and other intangible assets amounted to \$8.2 billion, consisting primarily of goodwill and brands. Within this total, approximately \$2.0 billion of non-goodwill intangible assets were classified as indefinite-lived, including \$1.7 billion related to trademarks, comprised principally of Pringles and cracker-related trademarks. The majority of all goodwill and other intangible assets are recorded in our North America reporting unit. The Company currently believes the fair value of goodwill and other intangible assets exceeds their carrying value and that those intangibles so classified will contribute indefinitely to cash flows. The Company's impairment testing performed through the fourth quarter of 2021 consisted of qualitative testing for all reporting unit goodwill and all indefinite-lived intangible assets, except for one brand, for which quantitative testing was performed. No heightened risk of impairment of individual intangible assets or reporting units was identified.

The Company has \$184 million at January 1, 2022 related to one brand in the North America operating segment that primarily relates to snack category products. In performing the quantitative test of this brand, fair value was determined using a relief from royalty valuation method that includes estimates, and significant assumptions, of future cash flows to be generated from that asset based on estimates of future sales, royalty rate and discount rate consistent with rates used by market participants. The Company determined the fair value of this brand exceeds its carrying value and no heightened risk of impairment exists for the asset.

In the fourth quarter of 2020 management finalized a decision to reorganize part of its North America operating segment, including the RX reporting unit, effective at the beginning of fiscal 2021. The reorganization further integrated the RX business with the rest of the North American business and changed internal reporting provided to the segment manager. As a result of these changes, the Company re-evaluated its North American reporting units and determined that effective at the beginning of fiscal 2021, the RX reporting unit was combined with the North America reporting unit. The Company evaluated the related impacted reporting units for impairment on a before and after basis and concluded that the fair values of each reporting unit exceeded their carrying values.

NOTE 5 RESTRUCTURING PROGRAMS

The Company views its restructuring programs as part of its operating principles to provide greater visibility in achieving its long-term profit growth targets. Initiatives undertaken are currently expected to recover cash implementation costs within a 3 to 5-year period subsequent to completion. Completion (or as each major stage is completed in the case of multi-year programs), is when the project begins to deliver cash savings and/or reduced depreciation.

During 2021, the Company announced a reconfiguration of the North America reportable segment supply chain network, designed to drive increased productivity. The project is expected to be substantially completed by early 2024, with related productivity improvements commencing in 2023. The overall project is expected to result in cumulative pretax charges of approximately \$45 million, which include employee-related costs of \$4 million, other cash costs of \$21 million and non-cash costs, primarily consisting of accelerated depreciation and asset write-off's, of \$20 million. Charges incurred related to this restructuring program were approximately \$5 million during 2021. These charges primarily related to severance costs, and were recorded in COGS.

During 2019, the Company announced a reorganization plan for its European reportable segment designed to simplify the organization, increase organizational efficiency, and enhance key processes. The project was substantially completed as of the end of fiscal year 2020. Total charges and cash costs were in line with expectations. The Company recorded total net charges of \$(1) million in 2020, with \$7 million recorded in SGA expense and (\$8) million recorded in OIE. The Company recorded total net charges of \$38 million in 2019, with \$43 million recorded in SGA expense and (\$5) million recorded in OIE. The project resulted in cumulative pretax net charges of approximately \$37 million, including certain non-cash credits. Total cash costs were approximately \$50 million. The total charges include severance and other termination benefits and charges related to relocation, pension curtailment gains, third party legal and consulting fees, and contract termination costs.

Also during 2019, the Company announced a reorganization plan which primarily impacted the North America reportable segment, designed to simplify the organization that supports the remaining North America reportable segment after the divestiture and related transition. The project was substantially completed as of the end of fiscal year 2020. Total charges and cash costs were in line with expectations. The Company recorded total charges of \$2 million and \$21 million related to this initiative during 2020 and 2019, respectively. These charges were recorded in SGA expense. The project has resulted in cumulative pretax charges of approximately \$23 million. Total charges include severance and other termination benefits and charges related to third party consulting fees.

In addition to the projects discussed above, during 2021 and 2020 the Company incurred restructuring costs in each of its reportable segments related to various reorganization and simplification initiatives and supply chain optimization projects. The Company recorded total charges of \$22 million related to these initiatives during 2021, including \$13 million in COGS and \$9 million in SGA expense. The Company recorded total charges of \$28 million related to these initiatives during 2020, including \$6 million in COGS and \$22 million in SGA expense. These costs primarily relate to severance and other termination benefits.

Project K

As of the end of 2019, the Company completed implementation of all Project K initiatives. Total project charges, after-tax cash costs and annual savings delivered by Project K were in line with expectations.

The total program resulted in pre-tax charges, of approximately \$1.6 billion, with after-tax cash costs, including incremental capital expenditures, of approximately \$1.2 billion. Total project charges consist of asset-related costs of approximately \$500 million which consists primarily of asset impairments, accelerated depreciation and other exit-related costs; employee-related costs of approximately \$400 million which includes severance, pension and other termination benefits; and other costs of approximately \$700 million which consists primarily of charges related to the design and implementation of global business capabilities and a more efficient go-to-market model.

Total pre-tax charges related to Project K impacted reportable segments as follows: North America (approximately 65%), Europe (approximately 21%), Latin America (approximately 4%), AMEA (approximately 6%), and Corporate (approximately 4%).

The Company recognized charges of \$1,574 million attributed to the Project K, with the charges comprised of \$6 million recorded as a reduction of revenue, \$928 million recorded in COGS, \$807 million recorded in SGA expense and \$(167) million recorded in OIE.

Total programs

The tables below provide the details for the charges incurred during 2021, 2020 and 2019 and program costs to date for all programs currently active as of January 1, 2022.

(millions)	2021		2020		2019		Program costs to date January 1, 2022
Employee related costs	\$	10	\$	29	\$	49	\$ 23
Pension curtailment (gain) loss, net		—		(8)		(5)	—
Asset related costs		10		2		21	12
Other costs		7		6		48	1
Total	\$	27	\$	29	\$	113	\$ 36

(millions)	2021		2020		2019		Program costs to date January 1, 2022
North America	\$	19	\$	8	\$	50	\$ 17
Europe		(1)		3		47	5
Latin America		4		5		15	9
AMEA		—		12		3	—
Corporate		5		1		(2)	5
Total	\$	27	\$	29	\$	113	\$ 36

During 2021, the Company recorded total charges of \$27 million across all restructuring programs. The charges were comprised of \$18 million recorded in COGS and \$9 million recorded in SGA expense.

During 2020, the Company recorded total charges of \$29 million across all restructuring programs. The charges were comprised of \$6 million recorded in COGS, \$31 million recorded in SGA expense and \$(8) million recorded in OIE.

During 2019, the Company recorded total charges of \$113 million across all restructuring programs. The charges were comprised of \$35 million expense being recorded in COGS, a \$83 million expense recorded in SGA expense, and \$(5) million recorded in OIE.

Employee related costs consisted of severance and pension charges. Pension curtailment (gain) loss consists of curtailment gains or losses that resulted from project initiatives. Asset related costs consist primarily of accelerated depreciation. Other costs incurred consist primarily of lease termination costs as well as third-party incremental costs related to the development and implementation of global business capabilities and a more efficient go-to-market model.

At January 1, 2022 total project reserves were \$23 million, related to severance payments and other costs of which a substantial portion will be paid in 2022. The following table provides details for exit cost reserves.

(millions)	Employee Related Costs		Curtailment Gain Loss, net		Asset Related Costs		Other Costs		Total
Liability as of December 28, 2019	\$	37	\$	—	\$	—	\$	1	\$ 38
2020 restructuring charges		29		(8)		2		6	29
Cash payments		(38)		—		—		(7)	(45)
Non-cash charges and other		—		8		(2)		—	6
Liability as of January 2, 2021	\$	28	\$	—	\$	—	\$	—	\$ 28
2021 restructuring charges		10		—		10		7	27
Cash payments		(15)		—		(4)		(7)	(26)
Non-cash charges and other		—		—		(6)		—	(6)
Liability as of January 1, 2022	\$	23	\$	—	\$	—	\$	—	\$ 23

NOTE 6 EQUITY

Earnings per share

Basic earnings per share is determined by dividing net income attributable to Kellogg Company by the weighted average number of common shares outstanding during the period. Diluted earnings per share is similarly determined, except that the denominator is increased to include the number of additional common shares that would have been outstanding if all dilutive potential common shares had been issued. Dilutive potential common shares consist principally of employee stock options issued by the Company, restricted stock units, and to a lesser extent, certain contingently issuable performance shares. The total number of anti-dilutive potential common shares excluded from the reconciliation for each period was (shares in millions): 2021-10.6; 2020-7.3; 2019-14.0.

Stock transactions

The Company issues shares to employees and directors under various equity-based compensation and stock purchase programs, as further discussed in Note 9.

In February 2020, the board of directors approved a new authorization to repurchase up to \$1.5 billion of the Company's common stock through December 2022.

During 2021, the Company repurchased 4 million shares of common stock for a total of \$240 million. During 2020, the Company didn't repurchase any shares of common stock. During 2019, the Company repurchased 4 million shares of common stock for a total of \$220 million.

Comprehensive income

Comprehensive income includes net income and all other changes in equity during a period except those resulting from investments by or distributions to shareholders. Other comprehensive income consists of foreign currency translation adjustments, fair value adjustments associated with cash flow hedges, adjustments for net experience gains (losses) and prior service credit (costs) related to employee benefit plans, and adjustments for unrealized (gains) losses on available-for-sale securities, net of related tax effects.

Reclassifications from Accumulated Other Comprehensive Income (AOCI) for the year ended January 1, 2022, January 2, 2021, and December 28, 2019, consisted of the following:

Details about AOCI Components	Amount reclassified from AOCI			Line item impacted within Income Statement
(millions)	2021	2020	2019	
(Gains) and losses on cash flow hedges:				
Interest rate contracts	\$ 22	\$ 14	\$ 4	Interest expense
	\$ 22	\$ 14	\$ 4	Total before tax
	(6)	(4)	(1)	Tax expense (benefit)
	\$ 16	\$ 10	\$ 3	Net of tax
Amortization of postretirement and postemployment benefits:				
Net experience (gains) losses	\$ (2)	\$ (3)	\$ (5)	OIE
Prior service (credit) cost	—	(1)	(1)	OIE
	\$ (2)	\$ (4)	\$ (6)	Total before tax
	—	1	1	Tax expense (benefit)
	\$ (2)	\$ (3)	\$ (5)	Net of tax
(Gains) losses on available-for-sale securities				
Corporate bonds	\$ (2)	\$ —	\$ (4)	OIE
	\$ (2)	\$ —	\$ (4)	Total before tax
	—	—	—	Tax expense (benefit)
	\$ (2)	\$ —	\$ (4)	Net of tax
Total reclassifications	\$ 12	\$ 7	\$ (6)	Net of tax

Accumulated other comprehensive income (loss) as of January 1, 2022 and January 2, 2021 consisted of the following:

(millions)	January 1, 2022	January 2, 2021
Foreign currency translation adjustments	\$ (1,681)	\$ (1,668)
Cash flow hedges — unrealized net gain (loss)	(13)	(57)
Postretirement and postemployment benefits:		
Net experience gain (loss)	(1)	2
Prior service credit (cost)	(26)	(12)
Available-for-sale securities unrealized net gain (loss)	—	3
Total accumulated other comprehensive income (loss)	\$ (1,721)	\$ (1,732)

NOTE 7 LEASES AND OTHER COMMITMENTS

The Company recorded operating lease costs of \$139 million, \$135 million and \$133 million for the years ended January 1, 2022, January 2, 2021 and December 28, 2019, respectively. Lease related costs associated with variable rent, short-term leases, and sale-leaseback arrangements, as well as sublease income, are each immaterial.

(millions)	Year ended January 1, 2022	Year ended January 2, 2021	Year ended December 28, 2019
Other information			
Cash paid for amounts included in the measurement of lease liabilities:			
Operating cash flows from operating leases	\$ 138	\$ 141	\$ 134
Right-of-use assets obtained in exchange for operating lease liabilities			
New leases	\$ 60	\$ 144	\$ 164
Modified leases	\$ 53	\$ 84	\$ 44
Weighted-average remaining lease term - operating leases			
	8 years	8 years	
Weighted-average discount rate - operating leases			
	2.7%	2.6%	

At January 1, 2022, future maturities of operating leases were as follows:

(millions)	Operating leases
2022	\$ 127
2023	112
2024	96
2025	87
2026	66
2027 and beyond	210
Total minimum payments	\$ 698
Less interest	(80)
Present value of lease liabilities	\$ 618

Operating lease payments presented in the table above exclude \$52 million of minimum lease payments for real-estate leases signed but not yet commenced as of January 1, 2022. The leases are expected to commence in 2022.

At January 1, 2022, future minimum annual lease commitments under non-cancelable finance leases were immaterial.

The Company has provided various standard indemnifications in agreements to sell and purchase business assets and lease facilities over the past several years, related primarily to pre-existing tax, environmental, and employee benefit obligations. Certain of these indemnifications are limited by agreement in either amount and/or term and others are unlimited. The Company has also provided various "hold harmless" provisions within certain service type agreements. Because the Company is not currently aware of any actual exposures associated with these indemnifications, management is unable to estimate the maximum potential future payments to be made. At January 1, 2022, the Company had not recorded any liability related to these indemnifications.

NOTE 8 DEBT

The following table presents the components of notes payable at year end January 1, 2022 and January 2, 2021:

(millions)	2021			2020		
	Principal amount	Effective interest rate		Principal amount	Effective interest rate	
U.S. commercial paper	\$	—	— %	\$	25	0.20 %
Bank borrowings		137			77	
Total	\$	137		\$	102	

The following table presents the components of subordinated long-term debt at year end January 1, 2022 and January 2, 2021:

(millions)	2021	2020
4.50% \$650 million U.S. Dollar Notes due 2046	\$ 638	\$ 638
7.45% \$625 million U.S. Dollar Debentures due 2031	622	621
2.10% \$500 million U.S. Dollar Notes due 2030	496	496
0.50% €300 million Euro Notes due 2029	338	—
4.30% \$600 million U.S. Dollar Notes due 2028	592	596
3.40% \$600 million U.S. Dollar Notes due 2027	596	596
3.25% \$750 million U.S. Dollar Notes due 2026	744	742
1.25% €600 million Euro Notes due 2025	693	748
1.00% €600 million Euro Notes due 2024	695	756
2.65% \$600 million U.S. Dollar Notes due 2023	545	542
2.75% \$400 million U.S. Dollar Notes due 2023	207	204
0.80% €600 million Euro Notes due 2022	682	731
1.75% €500 million Euro Notes due 2021	—	610
Other	126	93
	6,974	7,373
Less current maturities	(712)	(627)
Balance at year end	6,262	6,746

In 2021, the Company issued €300 million of eight-year 0.50% Euro Notes due 2029, resulting in net proceeds of €298 million after discount and underwriting commissions. The 2029 Euro Notes were issued as a sustainability bond, and thus an amount equal to the net proceeds will be used to finance or refinance, in whole or in part, one or more eligible environmental or social projects described in the Company's Sustainability Bond Framework. The Notes contain customary covenants that limit the ability of the Company and its restricted subsidiaries (as defined) to incur certain liens or enter into certain sale and lease-back transactions, as well as a change of control provision. Additionally, the Company repaid the €500 million, seven-year 1.75% Euro Notes due 2021, upon maturity.

In December of 2020, the Company redeemed \$198 million of its 3.25% U.S. Dollar Notes due May 2021, and \$358 million of its 3.125% U.S. Dollar Notes due 2022. In connection with the debt redemption, the Company incurred \$20 million of interest expense, primarily consisting of premium on the tender offer, acceleration of unamortized debt discount on the redeemed debt, fees related to the tender offer, and also included accelerated losses on pre-issuance interest rate hedges.

All of the Company's Notes contain customary covenants that limit the ability of the Company and its restricted subsidiaries (as defined) to incur certain liens or enter into certain sale and lease-back transactions and also contain a change of control provision. There are no significant restrictions on the payment of dividends by the Company. The Company was in compliance with all these covenants as of January 1, 2022.

The Company and two of its subsidiaries (the Issuers) maintain a program under which the Issuers may issue euro-commercial paper notes up to a maximum aggregate amount outstanding at any time of \$750 million or its equivalent in alternative currencies. The notes may have maturities ranging up to 364 days and will be senior unsecured obligations of the applicable Issuer. Notes issued by subsidiary Issuers will be guaranteed by the Company. The notes may be issued at a discount or may bear fixed or floating rate interest or a coupon calculated by reference to an index or formula. There were no commercial paper notes outstanding under this program as of January 1, 2022 and January 2, 2021.

At January 1, 2022, the Company had \$3.1 billion of short-term lines of credit and letters of credit, of which \$3.0 billion were unused and available for borrowing primarily on an unsecured basis. These lines were comprised principally of the December 2021 unsecured \$1.5 billion Five-Year Credit Agreement, which expires in December 2026, and an unsecured \$1.0 billion 364-Day Credit Agreement.

The Five-Year Credit Agreement allows the Company to borrow, on a revolving credit basis, up to \$1.5 billion, which includes the ability to obtain European swingline loans in an aggregate principal amount up to the equivalent of \$300 million. In December 2021, the Company terminated the original Five-Year Credit Agreement, which was originally set to expire in January of 2023, and entered into a new Five-Year Credit Agreement, which expires in December 2026.

In December 2021, the Company entered into an unsecured 364-Day Credit Agreement to borrow, on a revolving credit basis, up to \$1.0 billion at any time outstanding, and terminated the \$1.0 billion 364-day facility that was originally set to expire in January 2022.

The Five-Year and 364 Day Credit Agreements which had no outstanding borrowings as January 1, 2022, contain customary covenants and warranties, including specified restrictions on indebtedness, liens and a specified interest expense coverage ratio. If an event of default occurs, then, to the extent permitted, the administrative agents may terminate the commitments under the credit facilities, accelerate any outstanding loans under the agreements, and demand the deposit of cash collateral equal to the lender's letter of credit exposure plus interest. The Company was in compliance with all financial covenants contained in these agreements at January 1, 2022 and January 2, 2021.

Scheduled principal repayments on long-term debt are (in millions): 2022—\$712; 2023—\$793; 2024—\$702; 2025—\$691; 2026—\$759; 2027 and beyond—\$3,341.

Financial institutions have issued standby letters of credit conditionally guaranteeing obligations on behalf of the Company totaling \$137 million, including \$45 million secured and \$92 million unsecured, as of January 1, 2022. These obligations are related primarily to insurance programs. There were no amounts drawn down on the letters of credit as of January 1, 2022.

The Company has issued guarantees for a certain portion of debt of unconsolidated affiliates. These arrangements include cross guarantees back from the other shareholder in proportion to their ownership of the unconsolidated affiliates. These guarantees are not material to the Company.

Interest expense capitalized as part of the construction cost of fixed assets was immaterial for all periods presented.

NOTE 9

STOCK COMPENSATION

The Company uses various equity-based compensation programs to provide long-term performance incentives for its global workforce. Currently, these incentives consist principally of stock options, restricted stock units and executive performance shares. The Company also sponsors a discounted stock purchase plan in the United States and matching-grant programs in several international locations. Additionally, the Company awards restricted stock to its outside directors. These awards are administered through several plans, as described within this Note.

The 2017 Long-Term Incentive Plan (2017 Plan), approved by shareholders in 2017, permits awards to employees and officers in the form of incentive and non-qualified stock options, performance units, restricted stock or restricted stock units, and stock appreciation rights. The 2017 Plan, which replaced the 2013 Long-Term Incentive Plan (2013 Plan), authorizes the issuance of a total of (a) 16 million shares; plus (b) the total number of shares remaining available for future grants under the 2013 Plan. The total number of shares remaining available for issuance under the 2017 Plan will be reduced by two shares for each share issued pursuant to an award under the 2017 Plan other than a stock option or stock appreciation right, or potentially issuable pursuant to an outstanding award other than a stock option or stock appreciation right, which will in each case reduce the total number of shares remaining by one share for each share issued. At January 1, 2022, there were 14 million remaining authorized, but unissued, shares under the 2017 Plan.

In April 2020, the Amended and Restated Kellogg Company 2002 Employee Stock Purchase Plan was approved by shareholders, effective July 1, 2020. The plan is a tax-qualified employee stock purchase plan made available to substantially all U.S. employees, which allows participants to acquire Kellogg stock at a discounted price. The purpose of the plan is to encourage employees at all levels to purchase stock and become shareholders.

Compensation expense for all types of equity-based programs and the related income tax benefit recognized were as follows:

(millions)	2021	2020	2019
Pre-tax compensation expense	\$ 75	\$ 81	\$ 61
Related income tax benefit	\$ 20	\$ 21	\$ 16

As of January 1, 2022, total stock-based compensation cost related to non-vested awards not yet recognized was \$96 million and the weighted-average period over which this amount is expected to be recognized was 2 years.

Cash flows realized upon exercise or vesting of stock-based awards in the periods presented are included in the following table. Tax windfall (shortfall) realized upon exercise or vesting of stock-based awards generally represent the difference between the grant date fair value of an award and the taxable compensation of an award.

Cash used by the Company to settle equity instruments granted under stock-based awards was not material.

(millions)	2021	2020	2019
Total cash received from option exercises and similar instruments	\$ 63	\$ 112	\$ 64
Tax windfall (shortfall) classified as cash flow from operating activities	\$ (3)	\$ 2	\$ (2)

Shares used to satisfy stock-based awards are normally issued out of treasury stock, although management is authorized to issue new shares to the extent permitted by respective plan provisions. Refer to Note 6 for information on shares issued during the periods presented to employees and directors under various long-term incentive plans and share repurchases under the Company's stock repurchase authorizations. The Company does not currently have a policy of repurchasing a specified number of shares issued under employee benefit programs during any particular time period.

Stock options

During the periods presented, non-qualified stock options were granted to eligible employees under the 2017 and 2013 Plans with exercise prices equal to the fair market value of the Company's stock on the grant date, a contractual term of ten years, and a three-year graded vesting period.

Management estimates the fair value of each annual stock option award on the date of grant using a lattice-based option valuation model. Composite assumptions are presented in the following table. Weighted-average values are disclosed for certain inputs which incorporate a range of assumptions. Expected volatilities are based principally on historical volatility of the Company's stock, and to a lesser extent, on implied volatilities from traded options on the Company's stock. Historical volatility corresponds to the contractual term of the options granted. The Company uses historical data to estimate option exercise and employee termination within the valuation models; separate groups of employees that have similar historical exercise behavior are considered separately for valuation purposes. The expected term of options granted represents the period of time that options granted are expected to be outstanding; the weighted-average expected term for all employee groups is presented in the following table. The risk-free rate for periods within the contractual life of the options is based on the U.S. Treasury yield curve in effect at the time of grant.

Stock option valuation model assumptions for grants within the year ended:	2021	2020	2019
Weighted-average expected volatility	20.00 %	18.00 %	18.00 %
Weighted-average expected term (years)	6.7	6.7	6.6
Weighted-average risk-free interest rate	0.96 %	1.35 %	2.59 %
Dividend yield	3.90 %	3.40 %	3.90 %
Weighted-average fair value of options granted	\$ 6.39	\$ 7.34	\$ 6.78

A summary of option activity for the year ended January 1, 2022 is presented in the following table:

Employee and director stock options	Shares (millions)	Weighted-average exercise price	Weighted-average remaining contractual term (yrs.)	Aggregate intrinsic value (millions)
Outstanding, beginning of year	14	\$ 65		
Granted	3	58		
Exercised	(1)	56		
Forfeitures and expirations	(1)	66		
Outstanding, end of year	15	\$ 64	5.7	\$ 44
Exercisable, end of year	10	\$ 66	4.4	\$ 22

Additionally, option activity for the comparable prior year periods is presented in the following table:

(millions, except per share data)	2020	2019
Outstanding, beginning of year	14	14
Granted	3	3
Exercised	(2)	(1)
Forfeitures and expirations	(1)	(2)
Outstanding, end of year	14	14
Exercisable, end of year	10	10
Weighted-average exercise price:		
Outstanding, beginning of year	\$ 65	\$ 66
Granted	65	57
Exercised	59	56
Forfeitures and expirations	68	67
Outstanding, end of year	\$ 65	\$ 65
Exercisable, end of year	\$ 66	\$ 65

The total intrinsic value of options exercised during the periods presented was (in millions): 2021–\$6; 2020–\$17; 2019–\$7.

Other stock-based awards

During the periods presented, other stock-based awards consisted principally of executive performance shares and restricted stock units granted under the 2017 and 2013 Plans.

In the first quarter of 2021, the Company granted performance shares to a limited number of senior level employees, which entitle these employees to receive a specified number of shares of the Company's common stock upon vesting, as well as dividend equivalent shares. The number of shares earned could range between 0 and 200% of the target amount depending upon performance achieved over the three year vesting period. The performance conditions of the award include three year net sales growth and cash flow related targets. Dividend equivalents accrue and vest in accordance with the underlying award. The 2021 target grant currently corresponds to approximately 399,000 shares, with a grant-date fair value of \$58 per share.

In 2020, the Company granted performance shares to a limited number of senior level employees, which entitle these employees to receive a specified number of shares of the Company's common stock upon vesting, as well as dividend equivalent shares. The number of shares earned could range between 0 and 200% of the target amount depending upon performance achieved over the three year vesting period. The performance conditions of the award include three year net sales growth and cash flow related targets. Dividend equivalents accrue and vest in accordance with the underlying award. The 2020 target grant currently corresponds to approximately 308,000 shares, with a grant-date fair value of \$66 per share.

In 2019, the Company granted performance shares to a limited number of senior executive-level employees, which entitle these employees to receive a specified number of shares of the Company's common stock upon vesting. The number of shares earned could range between 0 and 200% of the target amount depending upon performance achieved over the three year vesting period. The performance conditions of the award include three-year net sales growth and total shareholder return (TSR) of the Company's common stock relative to a select group of peer companies. Dividend equivalents accrue and vest in accordance with the underlying award. The 2019 target grant currently corresponds to approximately 204,000 shares, with a grant-date fair value of \$73 per share.

A Monte Carlo valuation model was used to determine the fair value of awards with a TSR performance metric. The TSR performance metric is a market condition. Therefore, compensation cost of the TSR condition is fixed at the measurement date and is not revised based on actual performance. The TSR metric was valued as a multiplier of possible levels of the performance metric. Compensation cost related to performance metric is revised for changes in the expected outcome.

Based on the market price of the Company's common stock at year-end 2021, the maximum future value that could be awarded on the vesting date was (in millions): 2021 award—\$51; 2020 award—\$39; and 2019 award—\$26. The 2018 performance share award, payable in stock, was settled at 100% of target in February 2021 for a total dollar equivalent of \$8 million.

The Company also grants restricted stock units to eligible employees under the 2017 Plan, typically with three year cliff vesting earning dividend equivalent units for awards granted beginning in 2019. Dividend equivalents accrue and vest in accordance with the underlying award. Management estimates the fair value of restricted stock grants based on the market price of the underlying stock on the date of grant. A summary of restricted stock unit activity for the year ended January 1, 2022, is presented in the following table:

Employee restricted stock units	Shares (thousands)	Weighted-average grant-date fair value
Non-vested, beginning of year	1,736	\$ 61
Granted	727	58
Vested	(489)	63
Forfeited	(188)	60
Non-vested, end of year	1,786	\$ 60

Additionally, restricted stock unit activity for 2020 and 2019 is presented in the following table:

Employee restricted stock units	2020	2019
Shares (in thousands):		
Non-vested, beginning of year	1,901	1,708
Granted	596	888
Vested	(504)	(469)
Forfeited	(257)	(226)
Non-vested, end of year	1,736	1,901
Weighted-average exercise price:		
Non-vested, beginning of year	\$ 61	\$ 65
Granted	65	55
Vested	65	68
Forfeited	58	62
Non-vested, end of year	\$ 61	\$ 61

The total fair value of restricted stock units vesting in the periods presented was (in millions): 2021—\$29; 2020—\$34; 2019—\$27.

NOTE 10 PENSION BENEFITS

The Company sponsors a number of U.S. and foreign pension plans to provide retirement benefits for its employees. The majority of these plans are funded or unfunded defined benefit plans, although the Company does participate in a limited number of multiemployer or other defined contribution plans for certain employee groups. See Note 12 for more information regarding the Company's participation in multiemployer plans. Defined benefits for salaried employees are generally based on salary and years of service, while union employee benefits are generally a negotiated amount for each year of service. The Company uses a December 31 measurement date for these plans and, when necessary, adjusts for plan contributions and significant events between December 31 and its fiscal year-end.

In recent years, the Company has taken actions to reduce global pension benefit obligations and moderate the impact of market-related volatility. Those actions include the following:

- In December 2020, the Company purchased a group annuity contract to cover pension benefit obligations of certain participants of the United Kingdom defined benefit pension plan for \$268 million. This transaction represents an annuity buy-in, under which the Company retains both the fair value of the annuity contract (within plan assets) and the pension benefit obligations related to these participants. The fair value of the annuity buy-in contract at year-end is based on the calculated pension benefit obligations covered.
- In October 2020, the Company settled pension benefit obligations associated with approximately 8,000 retired participants within our U.S. defined benefit pension plan to reduce pension benefit obligations and administrative expenses. A group annuity contract was purchased on behalf of these participants with a third-party insurance provider, resulting in a reduction of the Company's pension benefit obligations and plan assets of approximately \$453 million.
- In June of 2020, the Company recognized a curtailment gain of \$7 million, as certain U.S. pension plan benefits were frozen for a portion of the participant population.
- In September 2019, the Company provided a voluntary one-time lump-sum cash settlement offer to certain eligible terminated vested participants in our U.S. pension plans in order to reduce pension benefit obligations and administrative costs. In December 2019, approximately \$174 million was distributed from pension plan assets in connection with this offer.
- In conjunction with the completion of the sale of selected cookies, fruit and fruit-flavored snacks, pie crusts, and ice cream cones businesses on July 28, 2019, the Company recognized a curtailment gain in its U.S. pension plans of \$11 million, as certain U.S. pension plans benefits were frozen for the portion of the participant population that was impacted by the divestiture.

Obligations and funded status

The aggregate change in projected benefit obligation, plan assets, and funded status is presented in the following tables.

(millions)	2021	2020
Change in projected benefit obligation		
Beginning of year	\$ 5,675	\$ 5,654
Service cost	36	37
Interest cost	98	130
Plan participants' contributions	1	1
Amendments	18	22
Actuarial (gain)loss	(130)	499
Benefits paid	(423)	(292)
Curtailment and special termination benefits	(1)	(15)
Settlements	—	(453)
Foreign currency adjustments	(38)	92
End of year	\$ 5,236	\$ 5,675
Change in plan assets		
Fair value beginning of year	\$ 5,211	\$ 5,170
Actual return on plan assets	184	656
Employer contributions	4	8
Plan participants' contributions	1	1
Benefits paid	(397)	(269)
Settlements	—	(453)
Other	—	(8)
Foreign currency adjustments	(44)	106
Fair value end of year	\$ 4,959	\$ 5,211
Funded status	\$ (277)	\$ (464)
Amounts recognized in the Consolidated Balance Sheet consist of		
Other assets	\$ 448	\$ 324
Other current liabilities	(19)	(19)
Pension liability	(706)	(769)
Net amount recognized	\$ (277)	\$ (464)
Amounts recognized in accumulated other comprehensive income consist of		
Prior service cost	\$ 61	\$ 51
Net amount recognized	\$ 61	\$ 51

The accumulated benefit obligation for all defined benefit pension plans was \$5.2 billion at January 1, 2022 and \$5.6 billion at January 2, 2021. Information for pension plans with accumulated benefit obligations in excess of plan assets were:

(millions)	2021	2020
Projected benefit obligation	\$ 3,623	\$ 3,937
Accumulated benefit obligation	\$ 3,610	\$ 3,921
Fair value of plan assets	\$ 2,906	\$ 3,177

Information for pension plans with projected benefit obligations in excess of plan assets were:

(millions)	2021	2020
Projected benefit obligation	\$ 3,707	\$ 4,035
Accumulated benefit obligation	\$ 3,669	\$ 3,988
Fair value of plan assets	\$ 2,984	\$ 3,246

Expense

The components of pension expense are presented in the following table. Service cost is recorded in COGS and SGA expense. All other components of net periodic benefit cost are included in OIE. Pension expense for defined contribution plans relates to certain foreign-based defined contribution plans and multiemployer plans in the United States in which the Company participates on behalf of certain unionized workforces.

(millions)	2021	2020	2019
Service cost	\$ 36	\$ 37	\$ 36
Interest cost	98	130	172
Expected return on plan assets	(301)	(340)	(340)
Amortization of unrecognized prior service cost	8	7	7
Other expense	—	8	—
Recognized net (gain) loss	(12)	184	235
Net periodic benefit cost	(171)	26	110
Curtailment and special termination benefits	(1)	(15)	(13)
Pension (income) expense:			
Defined benefit plans	(172)	11	97
Defined contribution plans	7	20	20
Total	\$ (165)	\$ 31	\$ 117

The Company and certain of its subsidiaries sponsor 401(k) or similar savings plans for active employees. Expense related to these plans was (in millions): 2021 – \$41 million; 2020 – \$42 million; 2019 – \$39 million. These amounts are not included in the preceding expense table. Company contributions to these savings plans approximate annual expense. Company contributions to multiemployer and other defined contribution pension plans approximate the amount of annual expense presented in the preceding table.

Assumptions

The worldwide weighted-average actuarial assumptions used to determine benefit obligations were:

	2021	2020	2019
Discount rate	2.6 %	2.2 %	2.9 %
Long-term rate of compensation increase	3.5 %	3.4 %	3.4 %

The worldwide weighted-average actuarial assumptions used to determine annual net periodic benefit cost were:

	2021	2020	2019
Discount rate	2.3 %	2.8 %	3.7 %
Long-term rate of compensation increase	3.4 %	3.4 %	4.0 %
Long-term rate of return on plan assets	6.0 %	6.8 %	7.3 %

To determine the overall expected long-term rate of return on plan assets, the Company models expected returns over a 20-year investment horizon with respect to the specific investment mix of its major plans. The return assumptions used reflect a combination of rigorous historical performance analysis and forward-looking views of the financial markets including consideration of current yields on long-term bonds, price-earnings ratios of the major stock market indices, and long-term inflation. The U.S. model, which corresponds to approximately 69% of consolidated pension and other postretirement benefit plan assets, incorporates a long-term inflation assumption of 2.5% and an active management premium of 0.75% (net of fees) validated by historical analysis. Similar methods are used for various foreign plans with invested assets, reflecting local economic conditions. The expected rate of return for 2021 of 6.25% for the U.S. plans equated to approximately the 65th percentile expectation. Refer to Note 1.

In 2019, the Society of Actuaries (SOA) published updated mortality tables and an updated improvement scale. In 2021, the SOA released an updated improvement scale that incorporates an additional year of data. In determining the appropriate mortality assumptions as of 2021 fiscal year-end, the Company used the 2019 SOA tables with collar adjustments based on Kellogg's current population, consistent with the prior year. In addition, based on mortality information available from the Social Security Administration and other sources, the Company developed assumptions for future mortality improvement in line with our expectations for future experience. The change to the mortality assumption increased the year-end pension obligations by approximately \$15 million.

To conduct the annual review of discount rates, the Company selected the discount rate based on a cash-flow matching analysis using Willis Towers Watson's proprietary RATE:Link tool and projections of the future benefit payments that constitute the projected benefit obligation for the plans. RATE:Link establishes the uniform discount rate that produces the same present value of the estimated future benefit payments, as is generated by discounting each year's benefit payments by a spot rate applicable to that year. The measurement dates for the defined benefit plans are consistent with the Company's fiscal year end. Accordingly, the Company selects yield curves to measure benefit obligations consistent with market indices during December of each year.

The Company may experience material actuarial gains or losses due to differences between assumed and actual experience and due to changing economic conditions. During 2021, the Company recognized a net actuarial gain of approximately \$12 million driven by a gain related to plan experience and assumption changes, including a gain due to increases in the discount rate, partially offset by a loss from worse than expected asset returns.

Plan assets

The Company categorized Plan assets within a three level fair value hierarchy described as follows:

Investments stated at fair value as determined by quoted market prices (Level 1) include:

Cash and cash equivalents: Value based on cost, which approximates fair value.

Corporate stock, common: Value based on the last sales price on the primary exchange.

Investments stated at estimated fair value using significant observable inputs (Level 2) include:

Cash and cash equivalents: Institutional short-term investment vehicles valued daily.

Mutual funds: Valued at exit prices quoted in active or non-active markets or based on observable inputs.

Collective trusts: Valued at exit prices quoted in active or non-active markets or based on observable inputs.

Bonds: Value based on matrices or models from pricing vendors.

Limited partnerships: Value based on the ending net capital account balance at year end.

Investments stated at estimated fair value using significant unobservable inputs (Level 3) include:

Buy-in annuity contract: Value based on the calculated pension benefit obligation covered by the non-participating annuity contracts at year-end.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Company believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The Company's practice regarding the timing of transfers between levels is to measure transfers in at the beginning of the month and transfers out at the end of the month. For the year ended January 1, 2022, the Company had no transfers between Levels 1 and 2.

The fair value of Plan assets as of January 1, 2022 summarized by level within the fair value hierarchy are as follows:

(millions)	Total Level 1	Total Level 2	Total Level 3	Total NAV (practical expedient)(a)	Total
Cash and cash equivalents	\$ 36	\$ (5)	\$ —	\$ —	\$ 31
Corporate stock, common	318	—	—	—	318
Mutual funds:					
Debt	—	51	—	—	51
Collective trusts:					
Equity	—	—	—	1,034	1,034
Debt	—	599	—	477	1,076
Limited partnerships	—	—	—	207	207
Bonds, corporate	—	396	—	370	766
Bonds, government	—	597	—	—	597
Bonds, other	—	87	—	—	87
Real estate	—	—	—	416	416
Buy-in annuity contract	—	—	269	—	269
Other	—	104	—	3	107
Total	\$ 354	\$ 1,829	\$ 269	\$ 2,507	\$ 4,959

(a) Certain assets that are measured at fair value using the NAV per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy.

The fair value of Plan assets at January 2, 2021 are summarized as follows:

(millions)	Total Level 1	Total Level 2	Total Level 3	Total NAV (practical expedient)(a)	Total
Cash and cash equivalents	\$ 35	\$ 4	\$ —	\$ 3	\$ 42
Corporate stock, common	325	—	—	—	325
Mutual funds:					
Equity	—	—	—	2	2
Debt	—	5	—	—	5
Collective trusts:					
Equity	—	—	—	1,508	1,508
Debt	—	548	—	415	963
Limited partnerships	—	—	—	292	292
Bonds, corporate	—	220	—	141	361
Bonds, government	—	861	—	—	861
Bonds, other	—	64	—	—	64
Real estate	—	—	—	421	421
Buy-in annuity contract	—	—	280	—	280
Other	—	78	—	9	87
Total	\$ 360	\$ 1,780	\$ 280	\$ 2,791	\$ 5,211

(a) Certain assets that are measured at fair value using the NAV per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy.

There were no unfunded commitments to purchase investments at January 1, 2022 or January 2, 2021.

The Company's investment strategy for its major defined benefit plans is to maintain a diversified portfolio of asset classes with the primary goal of meeting long-term cash requirements as they become due. Assets are invested in a prudent manner to maintain the security of funds while maximizing returns within the Plan's investment policy. The investment policy specifies the type of investment vehicles appropriate for the Plan, asset allocation guidelines, criteria for the selection of investment managers, procedures to monitor overall investment performance as well as investment manager performance. Derivatives, including swaps, forward and futures contracts, may be used as asset class substitutes or for hedging or other risk management purposes. It also provides guidelines enabling Plan fiduciaries to fulfill their responsibilities.

The current weighted-average target asset allocation reflected by this strategy is: equity securities—29%; debt securities—31%; real estate and other—40%. Investment in Company common stock represented 1.2% and 1.1% of consolidated plan assets at January 1, 2022 and January 2, 2021, respectively. Plan funding strategies are influenced by tax regulations and funding requirements. The Company currently expects to contribute, before

consideration of incremental discretionary contributions, approximately \$3 million to its defined benefit pension plans during 2022.

Level 3 gains and losses

Changes in fair value of the Plan's Level 3 assets are summarized as follows:

(millions)	Annuity Contract	
December 28, 2019	\$	—
Purchases		268
Realized and unrealized gain		4
Currency translation		8
January 2, 2021	\$	280
Realized and unrealized loss		(9)
Currency translation		(2)
January 1, 2022	\$	269

Benefit payments

The following benefit payments, which reflect expected future service, as appropriate, are expected to be paid (in millions): 2022—\$299; 2023—\$310; 2024—\$315; 2025—\$310; 2026—\$308; 2027 to 2031—\$1,534.

NOTE 11 NONPENSION POSTRETIREMENT AND POSTEMPLOYMENT BENEFITS

Postretirement

The Company sponsors a number of plans to provide health care and other welfare benefits to retired employees in the United States and Canada, who have met certain age and service requirements. The majority of these plans are funded or unfunded defined benefit plans, although the Company does participate in a limited number of multiemployer or other defined contribution plans for certain employee groups. The Company contributes to voluntary employee benefit association (VEBA) trusts to fund certain U.S. retiree health and welfare benefit obligations. The Company uses a December 31 measurement date for these plans and, when necessary, adjusts for plan contributions and significant events between December 31 and its fiscal year-end.

Obligations and funded status

The aggregate change in accumulated postretirement benefit obligation, plan assets, and funded status is presented in the following tables.

(millions)	2021		2020	
Change in accumulated benefit obligation				
Beginning of year	\$	1,157	\$	1,116
Service cost		13		13
Interest cost		20		31
Actuarial (gain) loss		(68)		55
Benefits paid		(57)		(58)
End of year	\$	1,065	\$	1,157
Change in plan assets				
Fair value beginning of year	\$	1,491	\$	1,364
Actual return on plan assets		175		178
Employer contributions		16		24
Benefits paid		(74)		(75)
Fair value end of year	\$	1,608	\$	1,491
Funded status	\$	543	\$	334
Amounts recognized in the Consolidated Balance Sheet consist of				
Other assets	\$	577	\$	369
Other current liabilities		(2)		(1)
Other liabilities		(32)		(34)
Net amount recognized	\$	543	\$	334
Amounts recognized in accumulated other comprehensive income consist of				
Prior service credit		(41)		(50)
Net amount recognized	\$	(41)	\$	(50)

Information for postretirement benefit plans with accumulated benefit obligations in excess of plan assets were:

(millions)	2021	2020
Accumulated benefit obligation	\$ 34	\$ 35
Fair value of plan assets	\$ —	\$ —

Expense

Components of postretirement benefit expense (income) were:

(millions)	2021	2020	2019
Service cost	\$ 13	\$ 13	\$ 15
Interest cost	20	31	37
Expected return on plan assets	(92)	(94)	(86)
Amortization of unrecognized prior service credit	(9)	(9)	(9)
Recognized net (gain) loss	(152)	(29)	(137)
Net periodic benefit expense (income)	(220)	(88)	(180)
Curtailment	—	—	(6)
Postretirement benefit expense (income):			
Defined benefit plans	(220)	(88)	(186)
Defined contribution plans	13	13	11
Total	\$ (207)	\$ (75)	\$ (175)

Assumptions

The weighted-average actuarial assumptions used to determine benefit obligations were:

	2021	2020	2019
Discount rate	2.9 %	2.5 %	3.3 %

The weighted-average actuarial assumptions used to determine annual net periodic benefit cost were:

	2021	2020	2019
Discount rate	2.5 %	3.3 %	4.0 %
Long-term rate of return on plan assets	6.3 %	7.0 %	7.3 %

The Company determines the overall discount rate and expected long-term rate of return on VEBA trust obligations and assets in the same manner as that described for pension trusts in Note 10.

The assumed U.S. health care cost trend rate is 5.25% for 2022, decreasing 0.25% annually to 4.5% by the year 2025 and remaining at that level thereafter. These trend rates reflect the Company's historical experience and management's expectations regarding future trends.

The Company may experience material actuarial gains or losses due to differences between assumed and actual experience and due to changing economic conditions. During 2021, the Company recognized a net actuarial gain of approximately \$152 million driven by a gain related to plan experience and assumption changes, including gains due to better than expected asset returns and increases in the discount rate.

Plan assets

The fair value of Plan assets as of January 1, 2022 summarized by level within fair value hierarchy described in Note 10, are as follows:

(millions)	Total Level 1	Total Level 2	Total Level 3	Total NAV (practical expedient)(a)	Total
Cash and cash equivalents	\$ 1	\$ 2	\$ —	\$ —	\$ 3
Corporate stock, common	263	—	—	—	263
Mutual funds:					
Equity	—	39	—	—	39
Debt	—	94	—	—	94
Collective trusts:					
Equity	—	—	—	616	616
Limited partnerships	—	—	—	132	132
Bonds, corporate	—	247	—	—	247
Bonds, government	—	99	—	—	99
Bonds, other	—	13	—	—	13
Real estate	—	—	—	102	102
Total	\$ 264	\$ 494	\$ —	\$ 850	\$ 1,608

(a) Certain assets that are measured at fair value using the NAV per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy.

The fair value of Plan assets at January 2, 2021 are summarized as follows:

(millions)	Total Level 1	Total Level 2	Total Level 3	Total NAV (practical expedient)(a)	Total
Cash and cash equivalents	\$ 3	\$ 3	\$ —	\$ —	\$ 6
Corporate stock, common	261	—	—	—	261
Mutual funds:					
Equity	—	30	—	—	30
Debt	—	54	—	—	54
Collective trusts:					
Equity	—	—	—	669	669
Limited partnerships	—	—	—	135	135
Bonds, corporate	—	143	—	—	143
Bonds, government	—	96	—	—	96
Bonds, other	—	8	—	—	8
Real estate	—	—	—	89	89
Total	\$ 264	\$ 334	\$ —	\$ 893	\$ 1,491

(a) Certain assets that are measured at fair value using the NAV per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy.

The Company's asset investment strategy for its VEBA trusts is consistent with that described for its pension trusts in Note 10. The current target asset allocation is 60% equity securities, 33% debt securities, and 7% real estate. The Company currently expects to contribute approximately \$17 million to its VEBA trusts during 2022.

There were no Level 3 assets during 2021 and 2020.

Postemployment

Under certain conditions, the Company provides benefits to former or inactive employees, including salary continuance, severance, and long-term disability, in the United States and several foreign locations. The Company's postemployment benefit plans are unfunded. Actuarial assumptions used are generally consistent with those presented for pension benefits in Note 10.

The aggregate change in accumulated postemployment benefit obligation and the net amount recognized were:

(millions)	2021	2020
Change in accumulated benefit obligation		
Beginning of year	\$ 48	\$ 48
Service cost	3	3
Interest cost	1	1
Actuarial (gain)loss	1	—
Benefits paid	(5)	(4)
End of year	\$ 48	\$ 48
Funded status	\$ (48)	\$ (48)
Amounts recognized in the Consolidated Balance Sheet consist of		
Other current liabilities	\$ (5)	\$ (6)
Other liabilities	(43)	(42)
Net amount recognized	\$ (48)	\$ (48)
Amounts recognized in accumulated other comprehensive income consist of		
Net prior service cost	\$ 1	\$ 2
Net experience gain	(14)	(18)
Net amount recognized	\$ (13)	\$ (16)

Components of postemployment benefit expense were:

(millions)	2021	2020	2019
Service cost	\$ 3	\$ 2	\$ 3
Interest cost	1	1	2
Amortization of unrecognized prior service cost	1	1	1
Recognized net loss	(2)	(3)	(5)
Net periodic benefit cost	\$ 3	\$ 1	\$ 1
Settlement cost	(1)	(1)	(3)
Postemployment benefit expense	\$ 2	\$ —	\$ (2)

Benefit payments

The following benefit payments, which reflect expected future service, as appropriate, are expected to be paid:

(millions)	Postretirement	Postemployment
2022	\$ 64	\$ 5
2023	64	7
2024	64	6
2025	64	5
2026	64	5
2027-2031	312	21

NOTE 12 MULTIEMPLOYER PENSION AND POSTRETIREMENT PLANS

The Company contributes to multiemployer defined contribution pension and postretirement benefit plans under the terms of collective-bargaining agreements that cover certain unionized employee groups in the United States. Contributions to these plans are included in total pension and postretirement benefit expense as reported in Note 10 and Note 11, respectively.

Pension benefits

The risks of participating in multiemployer pension plans are different from single-employer plans. Assets contributed to a multiemployer plan by one employer may be used to provide benefits to employees of other participating employers. If a participating employer stops contributing to the plan, the unfunded obligations of the plan are borne by the remaining participating employers. Total contributions to multiemployer pension benefit plans were as follows (millions): 2021 - \$7; 2020 - \$7; 2019 - \$9.

As discussed in Note 5, the Company engages in restructuring and cost reduction projects to help achieve its long-term growth targets. Current and future restructuring and cost reduction activities and other strategic initiatives could impact the Company's participation in certain multiemployer plans. In addition to regular contributions, the Company could be obligated to pay additional amounts, known as a withdrawal liability, if a multiemployer pension plan has unfunded vested benefits and the Company decreases or ceases participation in that plan. During 2019, the Company withdrew from two multi-employer pension plans. Additionally, the Company previously exited several multiemployer plans as part of past restructuring activities. The related liabilities recognized are our best estimate of the ultimate cost of withdrawing from these plans. At this time we have not yet reached agreement on the ultimate amount of these withdrawal liabilities. As a result, the actual cost could differ from our estimate based on final funding assessments. The net present value of the liabilities were determined using a risk free interest rate. The Company recognized expense related to the withdrawals as follows (millions): 2021 - \$0; 2020 - \$(5); 2019 - \$132. The charges were recorded within Cost of goods sold on the Consolidated Statement of Income. The cash obligation associated with the 2019 withdrawal activity is approximately \$8 million annually and is payable over a maximum 20-year period. Withdrawal liability payments made to multiemployer plans were as follows (millions): 2021 - \$10; 2020 - \$21; 2019 - \$8. The Company had withdrawal liabilities of \$123 million and \$130 million at January 1, 2022 and January 2, 2021, respectively, included within Other current liabilities and Other liabilities on the Consolidated Balance Sheet.

Postretirement benefits

Multiemployer postretirement benefit plans provide health care and other welfare benefits to active and retired employees who have met certain age and service requirements. Contributions to multiemployer postretirement benefit plans were (in millions): 2021 - \$13; 2020 - \$13; 2019 - \$11.

NOTE 13 INCOME TAXES

The components of income before income taxes and the provision for income taxes were as follows:

(millions)	2021	2020	2019
Income before income taxes			
United States	\$ 1,158	\$ 1,018	\$ 938
Foreign	808	583	367
	1,966	1,601	1,305
Income taxes			
Currently payable			
Federal	188	129	345
State	44	26	52
Foreign	117	100	77
	349	255	474
Deferred			
Federal	40	56	(124)
State	4	9	(29)
Foreign	81	3	—
	125	68	(153)
Total income taxes	\$ 474	\$ 323	\$ 321

The difference between the U.S. federal statutory tax rate and the Company's effective income tax rate was:

	2021	2020	2019
U.S. statutory income tax rate	21.0 %	21.0 %	21.0 %
Foreign rates varying from U.S. statutory rate	(1.6)	(2.4)	(2.5)
State income taxes, net of federal benefit	1.9	1.8	1.3
Cost (benefit) of remitted and unremitted foreign earnings	0.6	1.0	0.8
Revaluation of investment in foreign subsidiary	—	—	2.5
Net change in valuation allowance	2.7	1.4	(1.6)
Statutory rate changes, deferred tax impact	0.7	0.2	0.3
U.S. deemed repatriation tax	—	(2.0)	—
Divestiture	—	—	2.9
Out-of-period adjustment	—	—	3.0
Other	(1.2)	(0.8)	(3.1)
Effective income tax rate	24.1 %	20.2 %	24.6 %

As presented in the preceding table, the Company's 2021 consolidated effective tax rate was 24.1%, as compared to 20.2% in 2020 and 24.6% in 2019.

The 2021 effective income tax rate was unfavorably impacted by the following items. During the second quarter of 2021, the Company recorded tax expense of \$23 million as a result of tax legislation enacted in the UK in June 2021, which increased the statutory UK tax rate from 19 percent to 25 percent for tax periods after April 1, 2023. The Company revalued its net deferred tax balances related to the UK business to reflect the increased tax rate. During the third quarter, the Company determined that certain foreign deferred tax assets were no longer more likely than not to be realized in the future and a full valuation allowance totaling \$20 million was recorded on a discrete period basis.

The 2020 effective income tax rate was favorably impacted by the reversal of a liability for uncertain tax positions of \$32 million, resulting from the finalization of a tax examination during the third quarter. The reserves were related to the Company's estimate of the transition tax liability in conjunction with the finalization of accounting under Staff Accounting Bulletin No. 118, Income Tax Accounting Implications of the Tax Cuts and Jobs Act.

The 2019 effective income tax rate was unfavorably impacted by a permanent basis difference in the assets sold to Ferrero as well as an out-of-period correction. During the fourth quarter of 2019, the Company recorded an out-of-period adjustment to correct an error in the tax rate applied to a deferred tax asset arising from an intangible property transfer in a prior year. The adjustment increased income tax expense and decreased deferred tax assets by \$39 million, respectively. We determined the adjustment to be immaterial to our Consolidated Financial Statements for the year ended December 28, 2019 and related prior annual and quarterly periods.

Transition tax on foreign earnings: The transition tax is a tax on the previously untaxed accumulated and current earnings and profits of certain of our foreign subsidiaries. In order to determine the amount of the transition tax, the Company must determine, in addition to other factors, the amount of post-1986 earnings and profits (E&P) of the relevant subsidiaries, as well as the amount of non-U.S. income taxes paid on such earnings. E&P is similar to retained earnings of the subsidiary, but requires other adjustments to conform to U.S. tax rules. During the third quarter of 2020, the Company reversed \$32 million of a liability previously recorded as a result of the finalization of an IRS tax examination.

As of January 1, 2022, approximately \$1 billion of unremitted earnings were considered indefinitely reinvested. The unrecognized deferred tax liability for these earnings is estimated at approximately \$28 million. However, this estimate could change based on the manner in which the outside basis difference associated with these earnings reverses.

Management monitors the Company's ability to utilize certain future tax deductions, operating losses and tax credit carryforwards, prior to expiration. Changes resulting from management's assessment will result in impacts to deferred tax assets and the corresponding impacts on the effective income tax rate. Valuation allowances were recorded to reduce deferred tax assets to an amount that will, more likely than not, be realized in the future. The total tax benefit of carryforwards at year-end 2021 and 2020 were \$363 million and \$329 million, respectively, with related valuation allowances at year-end 2021 and 2020 of \$248 million and \$192 million, respectively. Of the total carryforwards at year-end 2021, \$23 million expire in 5 years or less, \$75 million expire in 2027 and later, and \$265 million do not expire.

The following table provides an analysis of the Company's deferred tax assets and liabilities as of year-end 2021 and 2020:

(millions)	Deferred tax assets		Deferred tax liabilities	
	2021	2020	2021	2020
U.S. state income taxes	\$ —	\$ 7	\$ 11	\$ —
Advertising and promotion-related	14	13	—	—
Wages and payroll taxes	27	26	—	—
Inventory valuation	16	17	—	—
Employee benefits	19	118	—	—
Operating loss, credit and other carryforwards	363	329	—	—
Hedging transactions	13	49	—	—
Depreciation and asset disposals	—	—	264	234
Operating lease right-of-use assets	—	—	146	141
Operating lease liabilities	144	136	—	—
Trademarks and other intangibles	—	—	540	527
Deferred compensation	19	18	—	—
Stock options	33	32	—	—
Other	54	41	—	—
	702	786	961	902
Less valuation allowance	(248)	(192)	—	—
Total deferred taxes	\$ 454	\$ 594	\$ 961	\$ 902
Net deferred tax asset (liability)	\$ (507)	\$ (308)		
Classified in balance sheet as:				
Other assets	\$ 215	\$ 254		
Other liabilities	(722)	(562)		
Net deferred tax asset (liability)	\$ (507)	\$ (308)		

The change in valuation allowance reducing deferred tax assets was:

(millions)	2021	2020	2019
Balance at beginning of year	\$ 192	\$ 146	\$ 166
Additions charged to income tax expense (b)	59	62	25
Reductions credited to income tax expense (a)	(6)	(24)	(47)
Acquisition of noncontrolling interest	13	—	—
Currency translation adjustments	(10)	8	2
Balance at end of year	\$ 248	\$ 192	\$ 146

(a) During 2019, the Company decreased the valuation allowance by \$32 million related to the revaluation of its investment in a foreign subsidiary.

(b) During 2021, the Company increased the valuation allowance \$20 million to fully reserve for net deferred tax assets of a foreign subsidiary. During 2020, the Company increased the valuation allowance by \$41 million related to the revaluation of its investment in a foreign subsidiary.

Uncertain tax positions

The Company is subject to federal income taxes in the U.S. as well as various state, local, and foreign jurisdictions. The Company's 2021 provision for U.S. federal income taxes represents approximately 50% of the Company's consolidated income tax provision. The Company was chosen to participate in the Internal Revenue Service (IRS) Compliance Assurance Program (CAP) beginning with the 2008 tax year. As a result, with limited exceptions, the Company is no longer subject to U.S. federal examinations by the IRS for years prior to 2020. The Company is under examination for income and non-income tax filings in various state and foreign jurisdictions.

As of January 1, 2022, the Company has classified \$16 million of unrecognized tax benefits as a current tax liability. Managements estimate of reasonably possible changes in unrecognized tax benefits during the next twelve months consists of the current liability expected to be settled within one year, offset by approximately \$4 million of projected additions during the next twelve months related primarily to ongoing intercompany transfer pricing activity. Management is currently unaware of any issues under review that could result in significant additional payments, accruals, or other material deviation in this estimate.

Following is a reconciliation of the Company's total gross unrecognized tax benefits as of the years ended January 1, 2022, January 2, 2021 and December 28, 2019. For the 2021 year, approximately \$43 million represents the amount that, if recognized, would affect the Company's effective income tax rate in future periods.

(millions)	2021	2020	2019
Balance at beginning of year	\$ 65	\$ 90	\$ 97
Tax positions related to current year:			
Additions	5	5	5
Tax positions related to prior years:			
Additions	5	8	4
Reductions (a)	(13)	(35)	(14)
Settlements	(9)	(2)	(1)
Lapses in statutes of limitation	(3)	(1)	(1)
Balance at end of year	\$ 50	\$ 65	\$ 90

(a) During the third quarter of 2020, the Company released \$32 million of tax reserves as a result of finalization of an IRS tax examination.

During the year ended January 1, 2022, the Company paid tax-related interest totaling \$2 million and recognized \$(4) million of tax related interest, decreasing the balance to \$7 million at year-end. During the year ended January 2, 2021, the Company paid tax-related interest totaling \$1 million and recognized \$3 million of tax related interest, increasing the balance to \$13 million at year-end. During the year ended December 28, 2019, the Company settled certain tax matters resulting in an \$11 million net reduction of the tax interest accrual, decreasing the balance to \$11 million at year-end.

NOTE 14 DERIVATIVE INSTRUMENTS AND FAIR VALUE MEASUREMENTS

The Company is exposed to certain market risks such as changes in interest rates, foreign currency exchange rates, and commodity prices, which exist as a part of its ongoing business operations. Management uses derivative and nonderivative financial and commodity instruments, including futures, options, and swaps, where appropriate, to manage these risks. Instruments used as hedges must be effective at reducing the risk associated with the exposure being hedged.

The Company designates derivatives and nonderivative hedging instruments as cash flow hedges, fair value hedges, net investment hedges, and uses other contracts to reduce volatility in interest rates, foreign currency and commodities. As a matter of policy, the Company does not engage in trading or speculative hedging transactions.

Derivative instruments are classified on the Consolidated Balance Sheet based on the contractual maturity of the instrument or the timing of the underlying cash flows of the instrument for derivatives with contractual maturities beyond one year. Any collateral associated with derivative instruments is classified as other assets or other current liabilities on the Consolidated Balance Sheet depending on whether the counterparty collateral is in an asset or liability position. Margin deposits related to exchange-traded commodities are recorded in accounts receivable, net on the Consolidated Balance Sheet. On the Consolidated Statement of Cash Flows, cash flows associated with derivative instruments are classified according to the nature of the underlying hedged item. Cash flows associated with collateral and margin deposits on exchange-traded commodities are classified as investing cash flows when the collateral account is in an asset position and as financing cash flows when the collateral account is in a liability position.

Total notional amounts of the Company's derivative instruments as of January 1, 2022 and January 2, 2021 were as follows:

(millions)	2021	2020
Foreign currency exchange contracts	\$ 2,828	\$ 2,856
Cross-currency contracts	1,343	1,411
Interest rate contracts	2,816	2,632
Commodity contracts	360	314
Total	\$ 7,347	\$ 7,213

Following is a description of each category in the fair value hierarchy and the financial assets and liabilities of the Company that were included in each category at January 1, 2022 and January 2, 2021, measured on a recurring basis.

Level 1 — Financial assets and liabilities whose values are based on unadjusted quoted prices for identical assets or liabilities in an active market. For the Company, level 1 financial assets and liabilities consist primarily of commodity derivative contracts.

Level 2 — Financial assets and liabilities whose values are based on quoted prices in markets that are not active or model inputs that are observable either directly or indirectly for substantially the full term of the asset or liability. For the Company, level 2 financial assets and liabilities consist of interest rate swaps, cross-currency contracts and foreign currency contracts.

The Company's calculation of the fair value of interest rate swaps is derived from a discounted cash flow analysis based on the terms of the contract and the interest rate curve. Foreign currency contracts are valued using an income approach based on forward rates less the contract rate multiplied by the notional amount. Cross-currency contracts are valued based on changes in the spot rate at the time of valuation compared to the spot rate at the time of execution, as well as the change in the interest differential between the two currencies. The Company's calculation of the fair value of level 2 financial assets and liabilities takes into consideration the risk of nonperformance, including counterparty credit risk.

Level 3 — Financial assets and liabilities whose values are based on prices or valuation techniques that require inputs that are both unobservable and significant to the overall fair value measurement. These inputs reflect management's own assumptions about the assumptions a market participant would use in pricing the asset or liability. The Company did not have any level 3 financial assets or liabilities as of January 1, 2022 or January 2, 2021.

The following table presents assets and liabilities that were measured at fair value in the Consolidated Balance Sheet on a recurring basis as of January 1, 2022 and January 2, 2021:

Derivatives designated as hedging instruments

(millions)	2021			2020		
	Level 1	Level 2	Total	Level 1	Level 2	Total
Assets:						
Cross currency contracts:						
Other current assets	\$ —	\$ 32	\$ 32	\$ —	\$ 14	\$ 14
Other Assets	—	15	15	—	16	16
Interest rate contracts (a):						
Other current assets	—	10	10	—	—	—
Other assets	—	8	8	—	60	60
Total assets	\$ —	\$ 65	\$ 65	\$ —	\$ 90	\$ 90
Liabilities:						
Cross currency contracts:						
Other current liabilities	\$ —	\$ (2)	\$ (2)	\$ —	\$ (13)	\$ (13)
Other liabilities	—	(7)	(7)	—	(21)	(21)
Interest rate contracts (a):						
Other current liabilities	—	(1)	(1)	—	(3)	(3)
Other liabilities	—	(4)	(4)	—	—	—
Total liabilities	\$ —	\$ (14)	\$ (14)	\$ —	\$ (37)	\$ (37)

(a) The fair value of the related hedged portion of the Company's long-term debt, a level 2 liability, was \$1.2 billion and \$0.8 billion as of January 1, 2022 and January 2, 2021, respectively.

Derivatives not designated as hedging instruments

(millions)	2021			2020		
	Level 1	Level 2	Total	Level 1	Level 2	Total
Assets:						
Foreign currency exchange contracts:						
Other current assets	\$ —	\$ 18	\$ 18	\$ —	\$ 48	\$ 48
Other assets	—	5	5	—	—	—
Interest rate contracts:						
Other current assets	—	4	4	—	4	4
Other assets	—	—	—	—	13	13
Commodity contracts:						
Other current assets	5	—	5	9	—	9
Total assets	\$ 5	\$ 27	\$ 32	\$ 9	\$ 65	\$ 74
Liabilities:						
Foreign currency exchange contracts:						
Other current liabilities	\$ —	\$ (20)	\$ (20)	\$ —	\$ (73)	\$ (73)
Other liabilities	—	(6)	(6)	—	(4)	(4)
Interest rate contracts:						
Other current liabilities	—	(6)	(6)	—	(6)	(6)
Other liabilities	—	(7)	(7)	—	(22)	(22)
Commodity contracts:						
Other current liabilities	(6)	—	(6)	(1)	—	(1)
Total liabilities	\$ (6)	\$ (39)	\$ (45)	\$ (1)	\$ (105)	\$ (106)

The Company has designated a portion of its outstanding foreign currency denominated long-term debt as a net investment hedge of a portion of the Company's investment in its subsidiaries foreign currency denominated net assets. The carrying value of this debt was \$2.4 billion and \$2.8 billion as of January 1, 2022 and January 2, 2021, respectively.

The following amounts were recorded on the Consolidated Balance Sheet related to cumulative basis adjustments for existing fair value hedges as of January 1, 2022 and January 2, 2021.

(millions)	Line Item in the Consolidated Balance Sheet in which the hedged item is included	Carrying amount of the hedged liabilities		Cumulative amount of fair value hedging adjustment included in the carrying amount of the hedged liabilities (a)	
		January 1, 2022	January 2, 2021	January 1, 2022	January 2, 2021
Interest rate contracts	Long-term debt	\$ 2,903	\$ 2,568	\$ 12	\$ 25

(a) The hedged long-term debt includes \$13 million and \$16 million of hedging adjustment on discontinued hedging relationships as of January 1, 2022 and January 2, 2021, respectively.

The Company has elected to not offset the fair values of derivative assets and liabilities executed with the same counterparty that are generally subject to enforceable netting agreements. However, if the Company were to offset and record the asset and liability balances of derivatives on a net basis, the amounts presented in the Consolidated Balance Sheet as of January 1, 2022 and January 2, 2021 would be adjusted as detailed in the following table:

As of January 1, 2022

			Gross Amounts Not Offset in the Consolidated Balance Sheet				
			Amounts Presented in the Consolidated Balance Sheet	Financial Instruments	Cash Collateral Received/Posted	Net Amount	
Total asset derivatives	\$	97	\$	(47)	\$	8	\$ 58
Total liability derivatives	\$	(59)	\$	47	\$	12	\$ —

As of January 2, 2021

			Gross Amounts Not Offset in the Consolidated Balance Sheet				
			Amounts Presented in the Consolidated Balance Sheet	Financial Instruments	Cash Collateral Received/Posted	Net Amount	
Total asset derivatives	\$	164	\$	(116)	\$	—	\$ 48
Total liability derivatives	\$	(143)	\$	116	\$	5	\$ (22)

The effect of derivative instruments on the Consolidated Statement of Income for the years ended January 1, 2022, January 2, 2021 and December 28, 2019:

Derivatives and non-derivatives in net investment hedging relationships

(millions)	Gain (loss) recognized in AOCI			Gain (loss) excluded from assessment of hedge effectiveness			Location of gain (loss) in income of excluded component
	2021	2020	2019	2021	2020	2019	
Foreign currency denominated long-term debt	\$ 175	\$ (236)	\$ 60	\$ —	\$ —	\$ —	
Cross-currency contracts	61	(93)	6	26	34	34	Interest expense
Total	\$ 236	\$ (329)	\$ 66	\$ 26	\$ 34	\$ 34	

Derivatives not designated as hedging instruments

(millions)		Location of gain (loss) recognized in income		
		2021	2020	2019
Foreign currency exchange contracts	COGS	\$ (21)	\$ 11	\$ (16)
Foreign currency exchange contracts	SGA expense	13	(1)	(2)
Foreign currency exchange contracts	OIE	(3)	(6)	(4)
Interest rate contracts	Interest expense	1	2	—
Commodity contracts	COGS	107	6	4
Total		\$ 97	\$ 12	\$ (18)

The effect of fair value and cash flow hedge accounting on the Consolidated Income Statement for the years ended January 1, 2022, January 2, 2021 and December 28, 2019:

	January 1, 2022	January 2, 2021	December 28, 2019
(millions)	Interest expense	Interest expense	Interest expense
Total amounts of income and expense line items presented in the Consolidated Income Statement in which the effects of fair value or cash flow hedges are recorded	\$ 223	\$ 281	\$ 284
Gain (loss) on fair value hedging relationships:			
Interest contracts:			
Hedged items	14	(7)	(33)
Derivatives designated as hedging instruments	(12)	7	37
Gain (loss) on cash flow hedging relationships:			
Interest contracts:			
Amount of gain (loss) reclassified from AOCI into income	(22)	(14)	(4)

During the next 12 months, the Company expects \$17 million of net deferred losses reported in accumulated other comprehensive income (AOCI) at January 1, 2022 to be reclassified to income, assuming market rates remain constant through contract maturities.

Certain of the Company's derivative instruments contain provisions requiring the Company to post collateral on those derivative instruments that are in a liability position if the Company's credit rating falls below BB+ (S&P), or Baa1 (Moody's). The fair value of all derivative instruments with credit-risk-related contingent features in a liability position on January 1, 2022 was not material. In addition, certain derivative instruments contain provisions that would be triggered in the event the Company defaults on its debt agreements. There were no collateral posting requirements as of January 1, 2022 triggered by credit-risk-related contingent features.

Other fair value measurements

Fair Value Measurements on a Nonrecurring Basis

During the year ended January 2, 2021, the Company invested and sold \$250 million in a mutual fund holding short term debt securities. The investment was measured at fair value using the net asset value (NAV) per share as a practical expedient and as a result, this investment has not been classified in the fair value hierarchy. The gain associated with the sale of the investment was less than \$1 million and was recorded in OIE.

The following is a summary of the carrying and market values of the Company's available for sale securities:

	2021			2020		
(millions)	Cost	Unrealized Gain (Loss)	Market Value	Cost	Unrealized Gain/(Loss)	Market Value
Corporate Bonds	\$ 52	\$ —	\$ 52	\$ 62	\$ 3	\$ 65

During the year ended January 1, 2022, the Company sold level 2 corporate bonds for \$72 million resulting in a gain of \$2 million, recorded in OIE. Also during the year ended January 1, 2022, the Company purchased approximately \$61 million in level 2 corporate bonds.

The market values of the Company's investments in level 2 corporate bonds were based on matrices or models from pricing vendors. Unrealized gains and losses were included in the Consolidated Statement of Comprehensive Income. Additionally, these investments were recorded within Other current assets and Other assets on the Consolidated Balance Sheet, based on the maturity of the individual security. The maturity dates of the securities range from 2022 to 2036.

The Company reviews its investment portfolio for any unrealized losses that would be deemed other-than-temporary and requires the recognition of an impairment loss in earnings. If the cost of an investment exceeds its fair value, the Company evaluates, among other factors, general market conditions, the duration and extent to which the fair

value is less than its cost, the Company's intent to hold the investment, and whether it is more likely than not that the Company will be required to sell the investment before recovery of the cost basis. The Company also considers the type of security, related industry and sector performance, and published investment ratings. Once a decline in fair value is determined to be other-than-temporary, an impairment charge is recorded and a new cost basis in the investment is established. If conditions within individual markets, industry segments, or macro-economic environments deteriorate, the Company could incur future impairments.

Equity investments

We hold equity investments in certain companies that we do not have the ability to exercise significant influence. Equity investments without a readily determinable fair value are recorded at original cost. Investments with a readily determinable fair value, which are level 2 investments, are measured at fair value based on observable market price changes, with gains and losses recorded through net earnings. During 2021, we recorded a \$20 million mark-to-market gain on these investments. Equity investments were approximately \$40 million and \$20 million as of January 1, 2022 and January 2, 2021, respectively. Additionally, these investments were recorded within Other noncurrent assets on the Consolidated Balance Sheet.

Financial instruments

The carrying values of the Company's short-term items, including cash, cash equivalents, accounts receivable, accounts payable, notes payable and current maturities of long-term debt approximate fair value. The fair value of the Company's long-term debt, which are level 2 liabilities, is calculated based on broker quotes. The fair value and carrying value of the Company's long-term debt was \$6.9 billion and \$6.3 billion, respectively, as of January 1, 2022. The fair value and carrying value of the Company's long-term debt was \$7.7 billion and \$6.7 billion, respectively, as of January 2, 2021.

Counterparty credit risk concentration

The Company is exposed to credit loss in the event of nonperformance by counterparties on derivative financial and commodity contracts. Management believes a concentration of credit risk with respect to derivative counterparties is limited due to the credit ratings and use of master netting and reciprocal collateralization agreements with the counterparties and the use of exchange-traded commodity contracts.

Master netting agreements apply in situations where the Company executes multiple contracts with the same counterparty. Certain counterparties represent a concentration of credit risk to the Company. If those counterparties fail to perform according to the terms of derivative contracts, this could result in a loss to the Company of approximately \$24 million, net of collateral already received from those counterparties as of January 1, 2022.

For certain derivative contracts, reciprocal collateralization agreements with counterparties call for the posting of collateral in the form of cash, treasury securities or letters of credit if a fair value loss position to the Company or its counterparties exceeds a certain amount. In addition, the company is required to maintain cash margin accounts in connection with its open positions for exchange-traded commodity derivative instruments executed with the counterparty that are subject to enforceable netting agreements. As of January 1, 2022, the Company posted \$20 million in margin deposits for exchange-traded commodity derivative instruments, which was reflected as an increase in accounts receivable, net on the Consolidated Balance Sheet.

Management believes concentrations of credit risk with respect to accounts receivable is limited due to the generally high credit quality of the Company's major customers, as well as the large number and geographic dispersion of smaller customers. However, the Company conducts a disproportionate amount of business with a small number of large multinational grocery retailers, with the five largest accounts encompassing approximately 26% of consolidated trade receivables at January 1, 2022.

Refer to Note 1 for disclosures regarding the Company's accounting policies for derivative instruments.

NOTE 15 CONTINGENCIES

The Company is subject to various legal proceedings, claims, and governmental inspections or investigations in the ordinary course of business covering matters such as general commercial, governmental regulations, antitrust and trade regulations, product liability, environmental, intellectual property, workers' compensation, employment and other actions. These matters are subject to uncertainty and the outcome is not predictable with assurance. The Company uses a combination of insurance and self-insurance for a number of risks, including workers' compensation, general liability, automobile liability and product liability.

In 2016, a class action complaint was filed against Kellogg in the Northern District of California relating to statements made on packaging for certain products. In August 2019, the Court ruled in favor of the plaintiff regarding certain statements made on the Company's products and ordered the parties to conduct settlement discussions related to all matters in dispute. In October 2019, the plaintiff filed a motion to the Court to approve a settlement between Kellogg and the class. During 2019, the Company concluded that the contingency related to the unfavorable ruling was probable and estimable, resulting in a liability being recorded. In January 2021, the parties reached a new settlement that was within the amount of the contingency the Company recorded in December 2019. In June 2021, the court entered an order granting preliminary approval of the settlement. In November 2021, the court finalized the settlement.

The Company has established accruals for certain matters where losses are deemed probable and reasonably estimable. There are other claims and legal proceedings pending against the Company for which accruals have not been established. It is reasonably possible that some of these matters could result in an unfavorable judgment against the Company and could require payment of claims in amounts that cannot be estimated at January 1, 2022. Based upon current information, management does not expect any of the claims or legal proceedings pending against the Company to have a material impact on the Company's consolidated financial statements. The Company is subject to various legal proceedings, claims, and governmental inspections or investigations in the ordinary course of business covering matters such as general commercial, governmental regulations, antitrust and trade regulations, product liability, environmental, intellectual property, workers' compensation, employment and other actions. These matters are subject to uncertainty and the outcome is not predictable with assurance.

NOTE 16

REPORTABLE SEGMENTS

Kellogg Company is the world's leading producer of cereal, second largest producer of crackers and a leading producer of savory snacks and frozen foods. Additional product offerings include toaster pastries, cereal bars, veggie foods, and noodles. Kellogg products are manufactured and marketed globally. Principal markets for these products include the United States, United Kingdom, Nigeria, Canada, Mexico and Australia.

The Company manages its operations through four operating segments that are based on geographic location - North America which includes U.S. businesses and Canada; Europe which consists of European countries; Latin America which consists of Central and South America and includes Mexico; and AMEA (Asia Middle East Africa) which consists of Africa, Middle East, Australia and other Asian and Pacific markets. These operating segments also represent our reportable segments.

On July 28, 2019, the Company completed its sale of selected cookies, fruit and fruit flavored snacks, pie crusts, and ice cream cone businesses to Ferrero for approximately \$1.3 billion in cash. Both the total assets and the net assets, consisting primarily of goodwill and intangibles, property, plant and equipment, and inventory, of the businesses were approximately \$1.3 billion. The operating results for these businesses were primarily included in the North America reporting segment prior to the sale. Reported net sales for the divested businesses totaled \$562 million for the year ended December 28, 2019.

The measurement of reportable segment results is based on segment operating profit which is generally consistent with the presentation of operating profit in the Consolidated Statement of Income. Reportable segment results were as follows:

(millions)	2021	2020	2019
Net sales			
North America	\$ 8,174	\$ 8,361	\$ 8,390
Europe	2,397	2,232	2,092
Latin America	997	914	940
AMEA	2,613	2,263	2,156
Consolidated	14,181	13,770	\$ 13,578
Operating profit			
North America (a)	\$ 1,329	\$ 1,473	\$ 1,215
Europe	350	301	222
Latin America	109	97	85
AMEA	246	202	195
Total Reportable Segments	2,034	2,073	1,717
Corporate	(282)	(312)	(316)
Consolidated	\$ 1,752	\$ 1,761	\$ 1,401
Depreciation and amortization			
North America	\$ 262	\$ 282	\$ 291
Europe	92	84	80
Latin America	25	30	30
AMEA	84	79	76
Total Reportable Segments	463	475	477
Corporate	4	4	7
Consolidated	\$ 467	\$ 479	\$ 484

(a) During 2019, North America operating profit includes the recognition of multi-employer pension plan exit liabilities totaling \$132 million.

Certain items such as interest expense and income taxes, while not included in the measure of reportable segment operating results, are regularly reviewed by the chief operating decision maker (CODM) for the Company's internationally-based reportable segments as shown below.

(millions)	2021	2020	2019
Interest expense			
North America	\$ —	\$ —	\$ —
Europe	4	4	6
Latin America	1	6	9
AMEA	17	8	14
Corporate	201	263	255
Consolidated	\$ 223	\$ 281	\$ 284
Income taxes			
Europe	\$ 48	\$ 29	\$ 48
Latin America	52	20	16
AMEA	40	33	23
Corporate & North America	334	241	234
Consolidated	\$ 474	\$ 323	\$ 321

Assets are reviewed by the CODM on a consolidated basis and therefore are not presented by operating segment. The CODM does review additions to long-lived assets based on operating segment.

(millions)	2021	2020	2019
Additions to long-lived assets			
North America	\$ 324	\$ 270	\$ 356
Europe	102	120	83
Latin America	42	31	41
AMEA	73	77	101
Corporate	12	7	5
Consolidated	\$ 553	\$ 505	\$ 586

The Company's largest customer, Wal-Mart Stores, Inc. and its affiliates, accounted for approximately 19% of consolidated net sales during 2021, 2020, and 2019, comprised principally of sales within the United States.

Supplemental geographic information is provided below for net sales to external customers and long-lived assets:

(millions)	2021	2020	2019
Net sales			
United States	\$ 7,646	\$ 7,821	\$ 7,885
All other countries	6,535	5,949	5,693
Consolidated	\$ 14,181	\$ 13,770	\$ 13,578
Long-lived assets			
United States	\$ 2,092	\$ 2,048	\$ 1,996
All other countries	1,735	1,665	1,616
Consolidated	\$ 3,827	\$ 3,713	\$ 3,612

Supplemental product information is provided below for net sales to external customers:

(millions)	2021	2020	2019
Snacks	\$ 6,807	\$ 6,281	\$ 6,663
Cereal	5,123	5,433	5,029
Frozen	1,106	1,139	1,037
Noodles and other	1,145	917	849
Consolidated	\$ 14,181	\$ 13,770	\$ 13,578

NOTE 17
SUPPLEMENTAL FINANCIAL STATEMENT DATA

Consolidated Statement of Income (millions)					
	2021		2020		2019
Research and development expense	\$	134	\$	135	\$ 144
Advertising expense	\$	790	\$	781	\$ 676

Consolidated Balance Sheet (millions)					
	2021		2020		
Trade receivables	\$	1,240	\$	1,272	
Allowance for expected credit losses		(15)		(19)	
Refundable income taxes		62		66	
Other receivables		202		218	
Accounts receivable, net	\$	1,489	\$	1,537	
Raw materials, spare parts, and supplies	\$	383	\$	338	
Finished goods and materials in process		1,015		946	
Inventories	\$	1,398	\$	1,284	
Land	\$	123	\$	120	
Buildings		2,238		2,135	
Machinery and equipment		6,277		6,080	
Capitalized software		594		543	
Construction in progress		623		641	
Accumulated depreciation		(6,028)		(5,806)	
Property, net	\$	3,827	\$	3,713	
Other intangibles	\$	2,552	\$	2,612	
Accumulated amortization		(143)		(121)	
Other intangibles, net	\$	2,409	\$	2,491	
Pension	\$	448	\$	324	
Deferred income taxes		215		254	
Nonpension post retirement benefits		577		369	
Other		473		515	
Other assets	\$	1,713	\$	1,462	
Accrued income taxes	\$	49	\$	58	
Other		714		709	
Other current liabilities	\$	763	\$	767	
Income taxes payable	\$	40	\$	56	
Nonpension postretirement benefits		32		34	
Other		384		435	
Other liabilities	\$	456	\$	525	

Allowance for expected credit losses (millions)					
	2021		2020		2019
Balance at beginning of year	\$	19	\$	10	\$ 10
Additions (reductions) charged to expense		(1)		13	9
Expected credit losses charged to reserve		(3)		(4)	(9)
Balance at end of year	\$	15	\$	19	\$ 10

Management's Responsibility for Financial Statements

Management is responsible for the preparation of the Company's consolidated financial statements and related notes. We believe that the consolidated financial statements present the Company's financial position and results of operations in conformity with accounting principles that are generally accepted in the United States, using our best estimates and judgments as required.

The Board of Directors of the Company has an Audit Committee composed of six non-management Directors. The Committee meets regularly with management, internal auditors, and the independent registered public accounting firm to review accounting, internal control, auditing and financial reporting matters.

Formal policies and procedures, including an active Ethics and Business Conduct program, support the internal controls and are designed to ensure employees adhere to the highest standards of personal and professional integrity. We have a rigorous internal audit program that independently evaluates the adequacy and effectiveness of these internal controls.

Management's Report on Internal Control over Financial Reporting

Management is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined in Rule 13a-15(f) under the Securities Exchange Act of 1934, as amended. Our internal control over financial reporting is designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of the financial statements for external purposes in accordance with generally accepted accounting principles.

We conducted an evaluation of the effectiveness of our internal control over financial reporting based on the framework in *Internal Control — Integrated Framework* (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions or that the degree of compliance with the policies or procedures may deteriorate.

Based on our evaluation under the framework in *Internal Control — Integrated Framework* (2013), management concluded that our internal control over financial reporting was effective as of January 1, 2022. The effectiveness of our internal control over financial reporting as of January 1, 2022 has been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, as stated in their report which follows.

/s/ Steven A. Cahillane

Steven A. Cahillane

President and Chief Executive Officer

/s/ Amit Banati

Amit Banati

Senior Vice President and Chief Financial Officer

Report of Independent Registered Public Accounting Firm

To the Board of Directors and Shareholders of Kellogg Company

Opinions on the Financial Statements and Internal Control over Financial Reporting

We have audited the consolidated financial statements, including the related notes, of Kellogg Company and its subsidiaries (the "Company") as listed in the index appearing under Item 15(a)(1) (collectively referred to as the "consolidated financial statements"). We also have audited the Company's internal control over financial reporting as of January 1, 2022, based on criteria established in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of the Company as of January 1, 2022 and January 2, 2021, and the results of its operations and its cash flows for each of the three years in the period ended January 1, 2022 in conformity with accounting principles generally accepted in the United States of America. Also in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of January 1, 2022, based on criteria established in Internal Control - Integrated Framework (2013) issued by the COSO.

Basis for Opinions

The Company's management is responsible for these consolidated financial statements, for maintaining effective internal control over financial reporting, and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Internal Control over Financial Reporting. Our responsibility is to express opinions on the Company's consolidated financial statements and on the Company's internal control over financial reporting based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud, and whether effective internal control over financial reporting was maintained in all material respects.

Our audits of the consolidated financial statements included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

Definition and Limitations of Internal Control over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may

become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Critical Audit Matters

The critical audit matter communicated below is a matter arising from the current period audit of the consolidated financial statements that was communicated or required to be communicated to the audit committee and that (i) relates to accounts or disclosures that are material to the consolidated financial statements and (ii) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.

Indefinite-Lived Intangible Asset Quantitative Impairment Assessment

As described in Notes 1 and 4 to the consolidated financial statements, the Company's consolidated indefinite-lived intangible assets balance was \$2.0 billion as of January 1, 2022, of which \$184 million related to one brand in the North America operating segment that primarily relates to snack category products. Management assesses indefinite-life intangible assets impairment risk throughout the year by performing a qualitative review and assessing events and circumstances that could affect the fair value or carrying value of the intangible assets. Annually during the fourth quarter, management may perform qualitative or quantitative testing for impairment. Management's impairment testing performed through the fourth quarter of 2021 consisted of qualitative testing for all indefinite-lived intangible assets, except for one brand in the North America operating segment that primarily relates to snack category products, for which quantitative testing was performed. In performing the quantitative test of this brand, fair value was determined by management using a relief from royalty valuation method that includes estimates, and significant assumptions, of future cash flows to be generated from that asset based on estimates of future sales, royalty rate and discount rate consistent with rates used by market participants.

The principal considerations for our determination that performing procedures relating to the indefinite-lived intangible asset quantitative impairment assessment is a critical audit matter are (i) the significant judgment by management when determining the fair value estimate of the indefinite-lived intangible asset related to one brand in the North America operating segment; (ii) a high degree of auditor judgment, subjectivity, and effort in performing procedures and evaluating management's significant assumptions related to estimates of future sales, royalty rate, and discount rate; and (iii) the audit effort involved the use of professionals with specialized skill and knowledge.

Addressing the matter involved performing procedures and evaluating audit evidence in connection with forming our overall opinion on the consolidated financial statements. These procedures included testing the effectiveness of controls relating to management's indefinite-lived intangible asset quantitative impairment assessment, including controls over the valuation of the Company's indefinite-lived intangible asset related to one brand in the North America operating segment. These procedures also included, among others (i) testing management's process for determining the fair value estimate; (ii) evaluating the appropriateness of the relief from royalty valuation method; (iii) testing the completeness and accuracy of the underlying data used in the relief from royalty valuation method; and (iv) evaluating the reasonableness of significant assumptions used by management related to the estimates of future sales, royalty rate, and discount rate. Evaluating management's assumption related to estimates of future sales involved evaluating whether the assumption used by management was reasonable considering (i) the current and past performance of the brand; (ii) the consistency with external market and industry data; and (iii) whether the assumption was consistent with evidence obtained in other areas of the audit. Professionals with specialized skill and knowledge were used to assist in evaluating (i) the appropriateness of the Company's relief from royalty valuation method and (ii) the reasonableness of the royalty rate and discount rate significant assumptions.

/s/ PricewaterhouseCoopers LLP
Detroit, Michigan
February 22, 2022

We have served as the Company's auditor since at least 1937. We have not been able to determine the specific year we began serving as auditor of the Company.

ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None.

ITEM 9A. CONTROLS AND PROCEDURES

(a) Disclosure Controls and Procedures.

We maintain disclosure controls and procedures that are designed to provide reasonable assurance that information required to be disclosed in our reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer as appropriate, to allow timely decisions regarding required disclosure. Disclosure controls and procedures, no matter how well designed and operated, can provide only reasonable, rather than absolute, assurance of achieving the desired control objectives.

As of January 1, 2022, management carried out an evaluation under the supervision and with the participation of our Chief Executive Officer and our Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures. Based on the foregoing evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective at the reasonable assurance level.

(b) Internal Control over Financial Reporting.

Pursuant to Section 404 of the Sarbanes-Oxley Act of 2002, we have included a report of management's assessment of the design and effectiveness of our internal control over financial reporting as part of this Annual Report on Form 10-K. The independent registered public accounting firm of PricewaterhouseCoopers LLP also audited, and reported on, the effectiveness of our internal control over financial reporting. Management's report and the independent registered public accounting firm's audit report are included in our 2021 financial statements in Item 8 of this Report under the captions entitled "Management's Report on Internal Control over Financial Reporting" and "Report of Independent Registered Public Accounting Firm" and are incorporated herein by reference.

(c) Changes in Internal Control over Financial Reporting.

There were no changes during the quarter ended January 1, 2022, that materially affected, or are reasonably likely to materially affect our internal controls over financial reporting.

ITEM 9B. OTHER INFORMATION

Not applicable.

ITEM 9C. DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONS

Not applicable.

PART III

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

Directors — Refer to the information in our Proxy Statement to be filed with the Securities and Exchange Commission for the Annual Meeting of Shareowners to be held on April 29, 2022 (the "Proxy Statement"), under the caption "Proposal 1 — Election of Directors," which information is incorporated herein by reference.

Identification and Members of Audit Committee; Audit Committee Financial Expert — Refer to the information in the Proxy Statement under the caption "Board and Committee Membership," which information is incorporated herein by reference.

Executive Officers of the Registrant — Refer to "Executive Officers" under Item 1 of this Report.

Code of Ethics for Chief Executive Officer, Chief Financial Officer and Controller — We have adopted a Global Code of Ethics which applies to our chief executive officer, chief financial officer, corporate controller and all our other

employees, and which can be found at www.kelloggcompany.com. Any amendments or waivers to the Global Code of Ethics applicable to our chief executive officer, chief financial officer or corporate controller may also be found at www.kelloggcompany.com.

ITEM 11. EXECUTIVE COMPENSATION

Refer to the information under the captions "2021 Director Compensation and Benefits," "Compensation Discussion and Analysis," "Executive Compensation," "Retirement and Non-Qualified Defined Contribution and Deferred Compensation Plans," "Potential Post-Employment Payments," and "CEO Pay Ratio" of the Proxy Statement, which is incorporated herein by reference. See also the information under the caption "Compensation and Talent Management Committee Report" of the Proxy Statement, which information is incorporated herein by reference; however, such information is only "furnished" hereunder and not deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934.

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

Refer to the information under the captions "Security Ownership — Five Percent Holders", "Security Ownership — Officer and Director Stock Ownership" and "Equity Compensation Plan Information" of the Proxy Statement, which information is incorporated herein by reference.

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

Refer to the information under the captions "Corporate Governance — Director Independence" and "Corporate Governance — Related Person Transactions" of the Proxy Statement, which information is incorporated herein by reference.

ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES

Refer to the information under the captions "Proposal 3 — Ratification of PricewaterhouseCoopers LLP — Fees Paid to Independent Registered Public Accounting Firm" and "Proposal 3 — Ratification of PricewaterhouseCoopers LLP — Preapproval Policies and Procedures" of the Proxy Statement, which information is incorporated herein by reference.

PART IV

ITEM 15. EXHIBITS, FINANCIAL STATEMENT SCHEDULES

The Consolidated Financial Statements and related Notes, together with Management's Report on Internal Control over Financial Reporting, and the Report thereon of PricewaterhouseCoopers LLP dated February 22, 2022, are included herein in Part II, Item 8.

(a) 1. Consolidated Financial Statements

Consolidated Statement of Income for the years ended January 1, 2022, January 2, 2021 and December 28, 2019.

Consolidated Statement of Comprehensive Income for the years ended January 1, 2022, January 2, 2021 and December 28, 2019.

Consolidated Balance Sheet at January 1, 2022 and January 2, 2021.

Consolidated Statement of Equity for the years ended January 1, 2022, January 2, 2021 and December 28, 2019.

Consolidated Statement of Cash Flows for the years ended January 1, 2022, January 2, 2021 and December 28, 2019.

Notes to Consolidated Financial Statements.

Management's Report on Internal Control over Financial Reporting.

Report of Independent Registered Public Accounting Firm (PCAOB ID 238).

(a) 2. Consolidated Financial Statement Schedule

All financial statement schedules are omitted because they are not applicable or the required information is shown in the financial statements or the notes thereto.

(a) 3. Exhibits required to be filed by Item 601 of Regulation S-K

The information called for by this Item is incorporated herein by reference from the Exhibit Index included in this Report.

ITEM 16. FORM 10-K SUMMARY

Not applicable.

EXHIBIT INDEX

Exhibit No.	Description	Electronic(E), Paper(P) or Incorp. By Ref.(IBRF)
3.01	Amended Restated Certificate of Incorporation of Kellogg Company, incorporated by reference to Exhibit 4.1 to our Registration Statement on Form S-8, file number 333-56536.	IBRF
3.02	Bylaws of Kellogg Company, as amended, incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K dated February 22, 2022, Commission file number 1-4171.	IBRF
4.01	Indenture, dated March 15, 2001, between Kellogg Company and BNY Midwest Trust Company, including the form of 7.45% Debentures due 2031, incorporated by reference to Exhibit 4.01 to our Quarterly Report on Form 10-Q for the quarter ending March 31, 2001, Commission file number 1-4171.	IBRF
4.02	Supplemental Indenture, dated March 29, 2001, between Kellogg Company and BNY Midwest Trust Company, including the form of 7.45% Debentures due 2031, incorporated by reference to Exhibit 4.02 to our Quarterly Report on Form 10-Q for the quarter ending March 31, 2001, Commission file number 1-4171.	IBRF
4.03	Indenture, dated as of May 21, 2009, between Kellogg Company and The Bank of New York Mellon Trust Company, N.A., incorporated by reference to Exhibit 4.1 to our Registration Statement on Form S-3, Commission file number 333-209699.	IBRF
4.04	Officers' Certificate of Kellogg Company (with form of 1.125% Senior Note due 2015, 1.750% Senior Note due 2017 and 3.125% Senior Note due 2022), incorporated by reference to Exhibit 4.1 to our Current Report on Form 8-K dated May 17, 2012, Commission file number 1-4171.	IBRF
4.05	Officer's Certificate of Kellogg Company (with form of Floating Rate Senior Notes due 2015 and 2.750% Senior Notes due 2023), incorporated by reference to Exhibit 4.1 to our Current Report on Form 8-K dated February 14, 2013, Commission file number 1-4171.	IBRF
4.06	Officer's Certificate of Kellogg Company (with form of 1.250% Senior Notes due 2025), incorporated by reference to Exhibit 4.1 to our Current Report on Form 8-K dated March 9, 2015, Commission file number 1-4171.	IBRF

Exhibit No.	Description	Electronic(E), Paper(P) or Incorp. By Ref.(IBRF)
4.07	Officers' Certificate of Kellogg Company (with form of 3.250% Senior Notes due 2026 and 4.500% Senior Debentures due 2046), incorporated by reference to Exhibit 4.1 to our Current Report on Form 8-K dated March 7, 2016, Commission file number 1-4171.	IBRF
4.08	Officers' Certificate of Kellogg Company (with form of 1.000% Senior Notes due 2024), incorporated by reference to Exhibit 4.1 to our Current Report on Form 8-K dated May 19, 2016, Commission file number 1-4171.	IBRF
4.09	Officers' Certificate of Kellogg Company (with form of 2.650% Senior Notes due 2023), incorporated by reference to Exhibit 4.1 to our Current Report on Form 8-K dated November 15, 2016, Commission file number 1-4171.	IBRF
4.10	Officers' Certificate of Kellogg Company (with form of 0.800% Senior Notes due 2022), incorporated by reference to Exhibit 4.1 to our Current Report on Form 8-K dated May 17, 2017, Commission file number 1-4171.	IBRF
4.11	Officers' Certificate of Kellogg Company (with form of 3.400% Senior Notes due 2027), incorporated by reference to Exhibit 4.1 to our Current Report on Form 8-K dated November 13, 2017, Commission file number 1-4171.	IBRF
4.12	Officers' Certificate of Kellogg Company (with form of 3.250% Senior Notes due 2021 and form of 4.300% Senior Notes due 2028), incorporated by reference to Exhibit 4.1 of our Current Report on Form 8-K dated May 15, 2018, Commission file number 1-4171.	IBRF
4.13	Officers' Certificate of Kellogg Company (with form of 0.500% Senior Notes due 2029), incorporated by reference to Exhibit 4.1 of our Current Report on Form 8-K dated May 20, 2021, Commission file number 1-4171.	IBRF
4.14	Description of Equity Securities	E
4.15	Description of Debt Securities	E
4.16	Officers' Certificate of Kellogg Company (with form of 2.100% Senior Notes due 2030), incorporated by reference to Exhibit 4.1 of our Current Report on Form 8-K dated June 1, 2020, Commission file number 1-4171.	IBRF

Exhibit No.	Description	Electronic(E), Paper(P) or Incorp. By Ref.(IBRF)
10.01	Kellogg Company Supplemental Savings and Investment Plan, as amended and restated as of January 1, 2003, incorporated by reference to Exhibit 10.03 to our Annual Report on Form 10-K for the fiscal year ended December 28, 2002, Commission file number 1-4171.*	IBRF
10.02	Kellogg Company Key Employee Long Term Incentive Plan, incorporated by reference to Exhibit 10.07 to our Annual Report on Form 10-K for the fiscal year ended December 29, 2007, Commission file number 1-4171.*	IBRF
10.03	Agreement between us and other executives, incorporated by reference to Exhibit 10.05 of our Quarterly Report on Form 10-Q for the quarter ended June 30, 2000, Commission file number 1-4171.*	IBRF
10.04	Kellogg Company 2002 Employee Stock Purchase Plan, as amended and restated as of July 1, 2020, incorporated by reference to Exhibit 10.1 to our Registration Statement on Form S-8, file number 333-239564.*	IBRF
10.05	Kellogg Company 1993 Employee Stock Ownership Plan, incorporated by reference to Exhibit 10.23 to our Annual Report on Form 10-K for the fiscal year ended December 29, 2007, Commission file number 1-4171.*	IBRF
10.06	Kellogg Company 2003 Long-Term Incentive Plan, as amended and restated as of December 8, 2006, incorporated by reference to Exhibit 10 to our Annual Report on Form 10-K for the fiscal year ended December 30, 2006, Commission file number 1-4171.*	IBRF
10.07	Kellogg Company Severance Plan, incorporated by reference to Exhibit 10.25 of our Annual Report on Form 10-K for the fiscal year ended December 28, 2002, Commission file number 1-4171.*	IBRF
10.08	First Amendment to the Key Executive Benefits Plan, incorporated by reference to Exhibit 10.39 of our Annual Report in Form 10-K for our fiscal year ended January 1, 2005, Commission file number 1-4171.*	IBRF
10.09	Five-Year Credit Agreement dated as of December 21, 2021 with JPMorgan Chase Bank, N.A., as Administrative Agent, JPMorgan Chase Bank, N.A., Barclays Bank PLC, BOFA Securities, INC., Citibank, N.A., Cooperatieve Rabobank U.A., New York Branch, and Morgan Stanley MUFG Loan Partners, LLC, as Joint Lead Arrangers and Joint Bookrunners, Bank of America, N.A., Barclays Bank PLC, Citibank, N.A., Cooperatieve Rabobank U.A., New York Branch, and Morgan Stanley MUFG Loan Partners, LLC as Co-Syndication agents and the lenders named therein, incorporated by reference to Exhibit 10.2 of our Current Report on Form 8-K dated December 23, 2021, Commission file number 1-4171.	IBRF

Exhibit No.	Description	Electronic(E), Paper(P) or Incorp. By Ref.(IBRF)
10.10	Executive Survivor Income Plan, incorporated by reference to Exhibit 10.42 of our Annual Report in Form 10-K for our fiscal year ended December 31, 2005, Commission file number 1-4171.*	IBRF
10.11	Form of Amendment to Form of Agreement between us and certain executives, incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K dated December 18, 2008, Commission file number 1-4171.*	IBRF
10.12	Kellogg Company 2009 Long-Term Incentive Plan, incorporated by reference to Exhibit 10.1 to our Registration Statement on Form S-8 dated April 27, 2009, Commission file number 333-158824.*	IBRF
10.13	Kellogg Company 2009 Non-Employee Director Stock Plan, incorporated by reference to Exhibit 10.1 to our Registration Statement on Form S-8 dated April 27, 2009, Commission file number 333-158826.*	IBRF
10.14	Form of Option Terms and Conditions under 2009 Long-Term Incentive Plan, incorporated by reference to Exhibit 10.2 to our Current Report on Form 8-K dated February 25, 2011, Commission file number 1-4171.*	IBRF
10.15	Letter Agreement between us and Gary Pilnick, dated May 20, 2008, incorporated by reference to Exhibit 10.54 to our Annual Report on Form 10-K for the fiscal year ended January 1, 2011, commission file number 1-4171.*	IBRF
10.16	Form of Option Terms and Conditions, incorporated by reference to Exhibit 10.2 to our Current Report on Form 8-K dated February 23, 2012, Commission file number 1-4171.*	IBRF
10.17	Kellogg Company 2013 Long-Term Incentive Plan, incorporated by reference to Exhibit 10.1 to our Registration Statement on Form S-8, file number 333-188222.*	IBRF
10.18	Kellogg Company Pringles Savings and Investment Plan, incorporated by reference to Exhibit 4.3 to our Registration Statement on Form S-8, file number 333-189638.*	IBRF
10.19	Amendment Number 1 to the Kellogg Company Pringles Savings and Investment Plan, incorporated by reference to Exhibit 4.4 to our Registration Statement on Form S-8, file number 333-189638.*	IBRF
10.20	Kellogg Company Deferred Compensation Plan for Non-Employee Directors, incorporated by reference to Exhibit 10.49 to our Annual Report on Form 10-K dated February 24, 2014, Commission file number 1-4171.*	IBRF
10.21	Kellogg Company Executive Compensation Deferral Plan, incorporated by reference to Exhibit 10.50 to our Annual Report on Form 10-K dated February 24, 2014, Commission file number 1-4171.*	IBRF

Exhibit No.	Description	Electronic(E), Paper(P) or Incorp. By Ref.(IBRF)
10.22	Kellogg Company Change of Control Severance Policy for Key Executives, incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K dated December 11, 2014.*	IBRF
10.23	Form of Option Terms and Conditions, incorporated by reference to Exhibit 10.2 of our Current Report on Form 8-K dated February 24, 2015, Commission file number 1-4171.*	IBRF
10.24	Form of Option Terms and Conditions, incorporated by reference to Exhibit 10.2 of our Current Report on Form 8-K dated February 23, 2016, Commission file number 1-4171.*	IBRF
10.25	Form of Restricted Stock Unit Terms and Conditions, incorporated by reference to Exhibit 10.2 of our Current Report on Form 8-K dated February 24, 2017, Commission file number 1-4171.*	IBRF
10.26	Kellogg Company 2017 Long-Term Incentive Plan, incorporated by reference to Exhibit 10.1 to our Registration Statement on Form S-8, file number 333-217769.*	IBRF
10.27	Letter agreement with Steve Cahillane, dated September 22, 2017, incorporated by reference to Exhibit 10.1 of our Current Report on Form 8-K dated September 28, 2017, Commission file number 1-4171.*	IBRF
10.28	2021-2023 Executive Performance Plan, incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K dated February 23, 2021, Commission file number 1-4171.*	IBRF
10.29	Form of Restricted Stock Unit Terms and Conditions, incorporated by reference to Exhibit 10.2 of our Current Report on Form 8-K dated February 23, 2021, Commission file number 1-4171.*	IBRF
10.30	Form of Option Terms and Conditions, incorporated by reference to Exhibit 10.3 of our Current Report on Form 8-K dated February 23, 2021, Commission file number 1-4171.*	IBRF
10.31	364-Day Credit Agreement dated as of December 21, 2021 with JPMorgan Chase Bank, N.A., as Administrative Agent, and JPMorgan Chase Bank, N.A., Barclays Bank PLC, BOFA Securities, INC., Citibank, N.A., Coöperatieve Rabobank U.A., New York Branch and Morgan Stanley MUFG Loan Partners, as Joint Lead Arrangers and Joint Bookrunners and Bank of America, N.A., Barclays Bank PLC, Citibank, N.A., Coöperatieve Rabobank U.A., New York Branch, and Morgan Stanley MUFG Loan Partners, LLC as Co-Syndication Agents, and the lenders named therein, incorporated by reference to Exhibit 10.1 of our Current Report on Form 8-K dated December 23, 2021, Commission file number 1-4171.	IBRF

Exhibit No.	Description	Electronic(E), Paper(P) or Incorp. By Ref.(IBRF)
10.32	Form of Restricted Stock Unit Terms and Conditions, incorporated by reference to Exhibit 10.2 of our Current Report on Form 8-K dated February 22, 2018, Commission File number 1-4171.*	IBRF
10.33	Form of Option Terms and Conditions, incorporated by reference to Exhibit 10.3 of our Current Report on Form 8-K dated February 22, 2018, Commission file number 1-4171.*	IBRF
10.34	Amendment to the Kellogg Company 2017 Long-Term Incentive Plan, incorporated by reference to Exhibit 10.1 of our Current Report on Form 8-K dated June 11, 2018, Commission file number 1-4171.*	IBRF
10.35	2019-2021 Executive Performance Plan, incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K dated February 26, 2019, Commission file number 1-4171.*	IBRF
10.36	Form of Restricted Stock Unit Terms and Conditions, incorporated by reference to Exhibit 10.2 to our Current Report on Form 8-K dated February 26, 2019, Commission file number 1-4171.*	IBRF
10.37	Form of Option Terms and Conditions, incorporated by reference to Exhibit 10.3 of our Current Report on Form 8-K dated February 26, 2019, Commission file number 1-4171.*	IBRF
10.38	Agreement with Fareed Khan, dated May 2, 2019, incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K, Commission file number 1-4171.*	IBRF
10.39	2020-2022 Executive Performance Plan, incorporated by reference to Exhibit 10.1 of our Current Report on Form 8-K dated February 25, 2020, Commission file number 1-4171.*	IBRF
10.40	Form of Restricted Stock Unit Terms and Conditions, incorporated by reference to Exhibit 10.2 of our Current Report on Form 8-K dated February 25, 2020, Commission file number 1-4171.*	IBRF
10.41	Form of Option Terms and Conditions, incorporated by reference to Exhibit 10.3 of our Current Report on Form 8-K dated February 25, 2020, Commission file number 1-4171.*	IBRF
21.01	Domestic and Foreign Subsidiaries of Kellogg.	E
23.01	Consent of Independent Registered Public Accounting Firm.	E
24.01	Powers of Attorney authorizing Gary H. Pilnick to execute our Annual Report on Form 10-K for the fiscal year ended January 1, 2022, on behalf of the Board of Directors, and each of them.	E
31.1	Rule 13a-14(a)/15d-14(a) Certification by Steven A. Cahillane.	E
31.2	Rule 13a-14(a)/15d-14(a) Certification by Amit Banati.	E
32.1	Section 1350 Certification by Steven A. Cahillane.	E
32.2	Section 1350 Certification by Amit Banati.	E

Exhibit No.	Description	Electronic(E), Paper(P) or Incorp. By Ref.(IBRF)
101.INS	XBRL Instance Document	E
101.SCH	XBRL Taxonomy Extension Schema Document	E
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document	E
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document	E
101.LAB	XBRL Taxonomy Extension Label Linkbase Document	E
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document	E

* A management contract or compensatory plan required to be filed with this Report.

We agree to furnish to the Securities and Exchange Commission, upon its request, a copy of any instrument defining the rights of holders of long-term debt of Kellogg and our subsidiaries and any of our unconsolidated subsidiaries for which Financial Statements are required to be filed.

We will furnish any of our shareowners a copy of any of the above Exhibits not included herein upon the written request of such shareowner and the payment to Kellogg of the reasonable expenses incurred in furnishing such copy or copies.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this Report to be signed on its behalf by the undersigned, thereunto duly authorized, this 22nd day of February, 2022.

KELLOGG COMPANY

By: /s/ Steven A. Cahillane
 Steven A. Cahillane
 Chairman and Chief Executive Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this Report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated.

	Name	Capacity	Date
/s/	Steven A. Cahillane Steven A. Cahillane	Chairman and Chief Executive Officer and Director (Principal Executive Officer)	February 22, 2022
/s/	Amit Banati Amit Banati	Senior Vice President and Chief Financial Officer (Principal Financial Officer)	February 22, 2022
/s/	Kurt Forche Kurt Forche	Vice President and Corporate Controller (Principal Accounting Officer)	February 22, 2022
	* Stephanie A. Burns	Director	February 22, 2022
	* Carter A. Cast	Director	February 22, 2022
	* Richard W. Dreiling	Director	February 22, 2022
	* Roderick D. Gillum	Director	February 22, 2022
	* Zachary Gund	Director	February 22, 2022
	* Donald R. Knauss	Director	February 22, 2022
	* Mary A. Laschinger	Director	February 22, 2022
	* Erica L. Mann	Director	February 22, 2022
	* La June Montgomery Tabron	Director	February 22, 2022
	* J. Michael Schlotman	Director	February 22, 2022
	* Carolyn M. Tastad	Director	February 22, 2022

* By:	/s/ Gary H. Pilnick Gary H. Pilnick	Attorney-in-fact	February 22, 2022
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Corporate and Shareowner Information

World Headquarters

Kellogg Company
One Kellogg Square, P.O. Box 3599
Battle Creek, MI 49016-3599
Switchboard: (269) 961-2000

Corporate website: www.kelloggcompany.com
General information by telephone: (800) 962-1413

Common Stock

Listed on the New York Stock Exchange
Ticker Symbol: K

Annual Meeting of Shareowners

Friday, April 29, 2022, 1:00 p.m. ET
Meeting live via Internet - please visit
www.virtualshareholdermeeting.com/K2022

For further information, call (269) 961-2800

Shareowner Account Assistance

(877) 910-5385 – Toll Free U.S., Puerto Rico & Canada
(720) 399-2178 – International

Transfer agent, registrar and dividend disbursing agent:

Broadridge Corporate Issuer Solutions
Kellogg Shareowner Services
P.O. Box 1342
Brentwood, NY 11717

Online account access and inquires:
<http://shareholder.broadridge.com/K>

Direct Stock Purchase and Dividend Reinvestment Plan

Kellogg Direct™ is a direct stock purchase and dividend reinvestment plan that provides a convenient and economical method for new investors to make an initial investment in shares of Kellogg Company common stock and for existing shareowners to increase their holdings of the company's common stock.

The minimum initial investment is \$50, including a one-time enrollment fee of \$15; the maximum annual investment through the plan is \$100,000. The Company pays all fees related to purchase transactions.

If your shares are held in street name by your broker and you are interested in participating in the plan, you may have your broker transfer the shares electronically to Broadridge Corporate Issuer Solutions through the Direct Registration System.

For more details on the plan, please contact Kellogg Shareowner Services at (877) 910-5385 or visit our investor website, <https://investor.kelloggs.com>.

Certifications

The most recent certifications by our chief executive and chief financial officers pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 are filed as exhibits to the accompanying annual report on SEC Form 10-K. Our chief executive officer's most recent annual certification to The New York Stock Exchange was submitted on 5/6/2021.

Independent Registered Public Accounting Firm

PricewaterhouseCoopers LLP

Company Information

Kellogg Company's website – www.kelloggcompany.com – contains a wide range of information about the company, including news releases, financial reports, investor information, corporate governance, career opportunities and information on the Company's corporate responsibility and sustainability efforts.

Printed materials such as the Annual Report on SEC Form 10-K, proxy statements, and other company information may be requested via this website, or by calling (800) 962-1413.

Trustee

The Bank of New York Mellon Trust Company N.A.
2 North LaSalle Street, Suite 1020
Chicago, IL 60602

0.800% Notes – Due November 17, 2022 (Euro)
2.750% Notes – Due March 1, 2023
2.650% Notes – Due December 1, 2023
1.000% Notes – Due May 17, 2024 (Euro)
1.250% Notes – Due March 10, 2025 (Euro)
3.250% Notes – Due April 1, 2026
3.400% Notes – Due November 15, 2027
4.300% Notes – Due May 15, 2028
0.500% Notes – Due May 20, 2029 (Euro)
2.100% Notes – Due June 1, 2030
7.450% Notes – Due April 1, 2031
4.500% Notes – Due April 1, 2046

Further information is available online at
<https://investor.kelloggs.com/financials/fixed-income>

Investor Relations

John Renwick, Vice President, Investor Relations & Global Planning
Jamie Duies, Director, Investor Relations & Financial Strategy
e-mail: investor.relations@kellogg.com
website: <https://investor.kelloggs.com>
telephone: (269) 961-2800

Kellogg Company Better Government Committee (KCBGC)

The Kellogg Company Better Government Committee – our Political Action Committee (PAC) – makes political contributions in support of U.S. federal and state candidates for elected office. We do not contribute to presidential campaigns. The PAC can only be funded voluntarily by employees, Board members and shareholders who are U.S. citizens or green card holders. The Kellogg PAC is bipartisan and follows carefully developed criteria, including whether a candidate represents our operations, works on business-critical priorities, and displays ethical integrity. We contribute to candidates across the political spectrum who support policies that enable the growth and prosperity of our company and our communities and advance our Better Days purpose platform.

For further information, interested shareowners may contact:

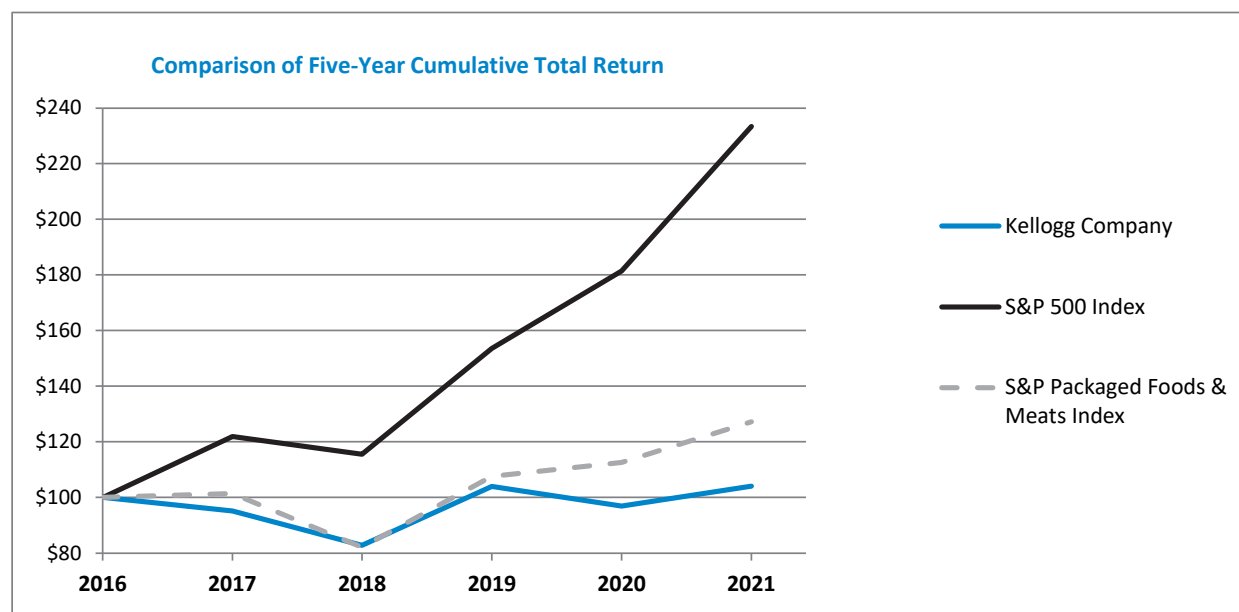
Lauren Beck, Vice President, Global Government Relations and KCBGC Chair
801 Pennsylvania Ave NW, Suite 305
Washington, DC 20004
(202) 624-3902
Lauren.beck@kellogg.com

Ethics and Compliance

We are committed to maintaining a values-based, ethical performance culture as expressed by our K Values™, Global Code of Ethics, and Global Supplier Code of Conduct. These standards guide our approach toward preventing, detecting and addressing misconduct as well as assessing and mitigating business and compliance risks. Confidential and anonymous reporting is available through our third-party hotline number (888) 292-7127 and website at <https://www.tnwgrc.com/Kellogg/> which can now be assessed through our mobile app.

Cumulative Total Shareowner Return

The following graph compares the cumulative total return of Kellogg Company's common stock with the cumulative total return of the S&P 500 Index and the S&P 500 Packaged Foods & Meats Index for the five-year fiscal period ended January 1, 2022. The value of the investment in Kellogg Company and in each index was assumed to be \$100 on December 31, 2016; all dividends were reinvested.



Source: S&P Global Market Intelligence, a division of S&P Global, Inc.

TOTAL RETURN TO SHAREOWNERS (Includes reinvestment of dividends)

	Base Period	Indexed Returns				
		Fiscal Year / Ending Date				
Company / Index	2016	2017	2018	2019	2020	2021
Kellogg Company	12/31/16	12/30/17	12/29/18	12/28/19	01/02/21	01/01/22
Kellogg Company	\$100.00	\$95.07	\$82.76	\$103.90	\$96.86	\$104.06
S&P 500 Index	\$100.00	\$121.83	\$115.49	\$153.58	\$181.35	\$233.41
S&P Packaged Foods & Meats Index	\$100.00	\$101.35	\$82.14	\$107.52	\$112.54	\$127.26

