

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 December 28, 2024

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
FOR THE TRANSITION PERIOD FROM TO

Commission File No. 001-15943



CHARLES RIVER LABORATORIES INTERNATIONAL, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction of
Incorporation or Organization)

251 Ballardvale Street

(Address of Principal Executive Offices)

Wilmington

Massachusetts

06-1397316

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

01887

(Zip Code)

(Registrant's telephone number, including area code): **(781) 222-6000**

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

Title of each class	Ticker symbol(s)	Name of each exchange on which registered
Common stock, \$0.01 par value	CRL	New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: Yes No

Indicate by check mark whether 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

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 (§ 232.405 of this chapter) 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 a 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 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.

If securities are registered pursuant to Section 12(b) of the Act, indicate by check mark whether the financial statements of the registrant included in the filing reflect the correction of an error to previously issued financial statements.

Indicate by check mark whether any of those error corrections are restatements that required a recovery analysis of incentive-based compensation received by any of the registrant's executive officers during the relevant recovery period pursuant to §240.10D-1(b).

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

On June 30, 2024, the aggregate market value of the registrant's voting common stock held by non-affiliates of the registrant was approximately \$10,563,584,605. As of January 25, 2025, there were 51,141,607 shares of the registrant's common stock outstanding, \$0.01 par value per share.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the registrant's definitive Proxy Statement for its 2025 Annual Meeting of Shareholders currently scheduled to be held on May 20, 2025, which will be filed with the Securities and Exchange Commission (SEC) not later than 120 days after December 28, 2024, are incorporated by reference into Part III of this Annual Report on Form 10-K. With the exception of the portions of the 2025 Proxy Statement expressly incorporated into this Annual Report on Form 10-K by reference, such document shall not be deemed filed as part of this Form 10-K.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
ANNUAL REPORT ON FORM 10-K
FOR FISCAL YEAR 2024

TABLE OF CONTENTS

<u>Item</u>		<u>Page</u>
	PART I	
1	Business	1
1A	Risk Factors	17
1B	Unresolved Staff Comments	36
1C	Cybersecurity	36
2	Properties	37
3	Legal Proceedings	37
4	Mine Safety Disclosures	38
	PART II	
5	Market for Registrant’s Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities	39
6	Reserved	40
7	Management's Discussion and Analysis of Financial Condition and Results of Operations	41
7A	Quantitative and Qualitative Disclosures about Market Risk	54
8	Financial Statements and Supplementary Data	55
9	Changes in and Disagreements with Accountants on Accounting and Financial Disclosure	104
9A	Controls and Procedures	104
9B	Other Information	104
9C	Disclosure Regarding Foreign Jurisdictions that Prevent Inspections	104
	PART III	
10	Directors, Executive Officers and Corporate Governance	105
11	Executive Compensation	105
12	Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters	106
13	Certain Relationships and Related Transactions, and Director Independence	106
14	Principal Accountant Fees and Services	106
	PART IV	
15	Exhibits and Financial Statement Schedules	107
16	Form 10-K Summary	108
Signatures		109

PART I

Item 1. Business

General

This Annual Report on Form 10-K contains forward-looking statements regarding future events and the future results of Charles River Laboratories International, Inc. that are based on our current expectations, estimates, forecasts and projections about the industries in which we operate and the beliefs and assumptions of our management. Words such as “expect,” “anticipate,” “target,” “goal,” “project,” “intend,” “plan,” “believe,” “seek,” “estimate,” “will,” “likely,” “may,” “designed,” “would,” “future,” “can,” “could” and other similar expressions, which are predictions of, indicate future events and trends or which do not relate to historical matters are intended to identify such forward-looking statements. These statements are based on our current expectations and beliefs and involve a number of risks, uncertainties and assumptions that are difficult to predict. For example, we may use forward-looking statements when addressing topics such as: our expectations regarding the availability of non-human primates and our ability to diversify our non-human primate (NHP) supply chain; the outcome of (1) the U.S. government investigations and inquiries related to the NHP supply chain (including shipments of NHPs from Cambodia received by the Company), (2) the putative securities class action lawsuit filed against us and certain current/former officers on May 19, 2023, (3) the derivative lawsuit filed against members of the Board of Directors and certain current/former officers on November 8, 2023; and (4) the derivative lawsuit filed against certain current/former members of the Board of Directors and certain current/former officers on August 2, 2024; the timing and impact of the development and implementation of enhanced procedures to reasonably ensure that non-human primates we import are legally sourced; changes and uncertainties in the global economy and financial markets, including any changes in business, political, or economic conditions due to the November 16, 2022 announcement by the U.S. Department of Justice through the U.S. Attorney’s Office for the Southern District of Florida that a Cambodian non-human primate supplier and two Cambodian officials had been criminally charged in connection with illegally importing non-human primates into the United States; client demand, particularly future demand for drug discovery and development products and services, including the outsourcing of these services; our expectations with respect to our ability to meet financial targets; our expectations regarding stock repurchases, including the number of shares to be repurchased, expected timing and duration, the amount of capital that may be expended and the treatment of repurchased shares; our ability to successfully execute our business strategy; our ability to timely build infrastructure to satisfy capacity needs and support business growth; our ability to fund our operations for the foreseeable future; the impact of unauthorized access into our information systems, including the timing and effectiveness of any enhanced security and monitoring present spending trends and other cost reduction activities by our clients; future actions by our management; the outcome of contingencies; changes in our business strategy, business practices and methods of generating revenue; the development and performance of our services and products; market and industry conditions, including competitive and pricing trends and the impact of those conditions, including on our allowances for credit losses; our strategic relationships with leading pharmaceutical and biotechnology companies, venture capital investments, and opportunities for future similar arrangements; our cost structure; our expectations regarding our acquisitions and divestitures, including their impact and projected timing; our expectations with respect to revenue growth and operating synergies (including the impact of specific actions intended to cause related improvements); the nature, timing and impact of specific actions intended to improve overall operating efficiencies and profitability (and our ability to accommodate future demand with our infrastructure), including actions to optimize our global footprint, and gains and losses attributable to businesses we plan to close, consolidate, divest or repurpose and the impact of operations and restructuring actions (including as estimated on an annualized basis); our expectations with respect to study cancellation rates and the impact of such cancellations; our expectations with respect to tax rates and benefits; changes in our expectations regarding future stock option, restricted stock, performance share units and other equity grants to employees and directors; expectations with respect to foreign currency exchange; assessing (or changing our assessment of) our tax positions for financial statement purposes; our liquidity; and the impact of litigation, including our ability to successfully defend litigation against us. In addition, these statements include the impact of economic and market conditions on us and our clients, the effects of our cost-saving actions, including on an annualized basis, and the steps to optimize returns to shareholders on an effective and timely basis; and our ability to withstand the current market conditions.

Forward-looking statements are predictions and are subject to risks, uncertainties and assumptions that are difficult to predict. Therefore, actual results may differ materially and adversely from those expressed in any forward-looking statements. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of this document or, in the case of statements incorporated by reference, on the date of the document incorporated by reference. Factors that might cause or contribute to such differences include, but are not limited to, those discussed in this Form 10-K under the sections entitled “Our Strategy,” “Risk Factors,” “Management’s Discussion and Analysis of Financial Condition and Results of Operations,” in our press releases and other financial filings with the SEC. We have no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or risks. New information, future events or risks may cause the forward-looking events we discuss in this report not to occur.

Corporate History

We began operating in 1947 and, since then, have undergone several changes to our business structure. Charles River Laboratories International, Inc. was incorporated in 1994 and we completed our initial public offering in 2000. Our stock is traded on the New York Stock Exchange under the symbol “CRL” and is included in the Standard & Poor’s 500 and Composite 1500 indices, the New York Stock Exchange (NYSE) Arca Biotechnology Index, the NYSE Composite and many of the Russell indices, among others. We are headquartered in Wilmington, Massachusetts. Our headquarters mailing address is 251 Ballardvale Street, Wilmington, MA, 01887, and the telephone number at that location is (781) 222-6000. Our Internet site is www.criver.com. Material contained on our Internet site is not incorporated by reference into this Form 10-K. Unless the context otherwise requires, references in this Form 10-K to “Charles River,” “we,” “us,” “the Company” or “our” refer to Charles River Laboratories International, Inc. and its subsidiaries.

This Form 10-K, as well as all other reports filed with the SEC, is available free of charge through the Investor Relations section of our Internet site (www.criver.com) as soon as practicable after we electronically file such material with, or furnish it to, the SEC. The SEC maintains an Internet site (<http://www.sec.gov>) that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC.

Overview

We are a leading, non-clinical global drug development partner with a mission to create healthier lives. We have built upon our original core competency of laboratory animal medicine and science (research model technologies) to develop a diverse portfolio of discovery and safety assessment services, both Good Laboratory Practice (GLP) and non-GLP, that supports our clients from target identification through non-clinical development. We also provide a suite of products and services to support our clients’ manufacturing activities. Utilizing our broad portfolio of products and services enables our clients to create a more efficient and flexible drug development model, which reduces their costs, enhances their productivity and effectiveness, and increases speed to market.

The development of new drugs requires a steadily increasing investment of time and money. Various studies and reports estimate that it takes between 10 to 15 years, up to \$2.5 billion excluding time costs and exploration of between 10,000 and 15,000 drug molecules to produce a single Food and Drug Administration (FDA)-approved drug.

Discovery represents the earliest stages of research in the life sciences, directed at the identification, screening, and selection of a lead molecule for future drug development. Discovery activities typically extend anywhere from 4 to 7 years in conventional pharmaceutical research and development (R&D) timelines.

Development activities, which follow, and which can take up to 7 to 10 years, are directed at demonstrating the safety, tolerability and clinical efficacy of the selected drug candidates. During the non-clinical stage of the development process, a drug candidate is tested *in vitro* (non-animal, typically on a cellular or sub-cellular level in a test tube or multi-well petri plate) and *in vivo* (in research models) to establish drug safety prior to and in support of human clinical trials.

For over 75 years, we have been in the business of providing the research models required in the research and development of new drugs, devices and therapies. Over this time, we have built upon our core competency of *in vivo* biology to develop a diverse and expanding portfolio of products and services, which now encompasses the broader non-clinical drug research process. We are positioned to leverage our leading portfolio in non-clinical drug research in an efficient and cost-effective way to aid our clients in bringing their drugs to market faster.

Our client base includes major global pharmaceutical companies, many biotechnology companies; agricultural and industrial chemical, life science, veterinary medicine, medical device, diagnostic and consumer product companies; contract research and contract manufacturing organizations; and other commercial entities, as well as leading hospitals, academic institutions, and government agencies around the world. In recent years, we have focused our efforts on improving the efficiency of our global operations to enhance our ability to support our clients. Our pharmaceutical and biotechnology clients are increasingly seeking full service, “one-stop” global partners to whom they can outsource more of their drug discovery and development efforts. It is estimated that the market for regulated safety assessment services is 60% outsourced or more, while emerging growth areas such as discovery and certain research model services are currently believed to be less outsourced.

We currently operate in over 130 sites and in over 20 countries worldwide (excluding certain Insourcing Solutions sites). Our products and services, supported by our global infrastructure and deep scientific expertise, enable our clients to overcome many of the challenges of non-clinical life sciences research. In 2024, our total revenue was \$4.0 billion. As part of our efforts to manage the Company through the current demand environment, we have undertaken a comprehensive review of our global footprint. Through these optimization initiatives, we expect to close or consolidate approximately 15 additional sites over the next two years, principally focused on the DSA and RMS segments. These footprint optimization efforts will enhance the efficiency and economies of scale in our global infrastructure, leading to a more disciplined operating model.

We have three reportable segments: Research Models and Services (RMS), Discovery and Safety Assessment (DSA) and Manufacturing Solutions (Manufacturing).

Through our RMS segment, we have provided foundational tools for the discovery of new molecules by supplying research models to the drug development industry since 1947. We continue to maintain our position as a global leader in the production and sale of the most widely used research models, including over 140 different stocks and strains of purpose-bred rodents. We also provide a variety of related services that are designed to support our clients in the use of research models in drug discovery and development. We maintain multiple production centers, including barrier rooms and isolator facilities, on three continents (North America, Europe, and Asia). We are also a premier provider of high quality, purpose bred, large research models to the biomedical research community. Our RMS segment also includes our Insourcing Solutions business, which includes our CRADL™ (Charles River Accelerator and Development Lab) footprint. In 2024, RMS accounted for 20.5% of our total revenue and approximately 4,100 of our employees, including approximately 200 science professionals with advanced degrees.

Our DSA segment provides services that enable our clients to outsource their innovative drug discovery research, their related non-clinical and clinical bioanalytical activities, and regulatory-required safety testing of potential new drugs, vaccines, industrial and agricultural chemicals, consumer products, veterinary medicines and medical devices. The demand for these services is driven by the needs of large global pharmaceutical companies where outsourcing may complement internal activities, in addition to mid-size and emerging biotechnology/biopharma pharmaceutical companies, hospitals, academic institutions, contract research organizations, and industrial and agrochemical companies and non-governmental organizations that rely more heavily on outsourcing partners. Many of these entities choose to outsource their discovery, development, bioanalytical and/or safety assessment activities to reduce fixed costs and to gain access to scientific expertise, robust capabilities, and regulatory experience.

We are the largest provider of outsourced drug discovery, non-clinical development and regulated safety testing services worldwide. We have extensive expertise in the discovery of clinical candidates and in the design, execution and reporting of safety assessment studies for numerous types of therapeutic modalities, including cell and gene therapies, small and large molecule pharmaceuticals, industrial and agricultural chemicals, vaccines, consumer products, veterinary medicines, biocides and medical devices. We currently provide discovery and safety assessment services at multiple facilities located in the United States (U.S.), Canada, and Europe. In 2024, our DSA segment represented 60.5% of our total revenue and employed approximately 12,100 of our employees including approximately 1,500 science professionals with advanced degrees.

Within our Manufacturing segment, we work with our clients and the biopharmaceutical industry to ensure the quality and safe production and release of commercial therapies and products manufactured both by our clients and internally for our clients. Our Manufacturing Segment is comprised of two businesses: Microbial Solutions and Biologics Solutions. Our Microbial Solutions products and services businesses provide *in vitro* methods for conventional and rapid quality control testing of sterile and non-sterile pharmaceuticals and consumer products. Biologics Solutions is comprised of both our Biologics Testing Solutions business, which provides specialized testing of biologics frequently outsourced by global pharmaceutical and biotechnology companies, and our contract development and manufacturing products and services (“CDMO”) business, which provides comprehensive contract development and manufacturing solutions for cell and gene therapies. In 2024, Manufacturing accounted for 19.0% of our total revenue from continuing operations and approximately 2,800 of our employees, including approximately 380 science professionals with advanced degrees.

Research Models and Services. Our RMS segment is comprised of three businesses that provide foundational tools that enable our clients to discover new molecules: Research Models, Research Model Services and Cell Solutions.

Research Models. Our Research Models business is principally comprised of the production and sale of the most widely used small research models, primarily rodents. A significant portion of our Research Models business involves the commercial production and sale of small research models, principally purpose-bred rats and mice for use by researchers in fundamental biology through to drug discovery and development. The FDA and foreign regulatory agencies typically require that the safety and efficacy of new drug candidates be tested on research models like ours prior to testing in humans. As a result, our research models are an essential part of the drug discovery and development process.

We provide our research models to numerous clients around the world, including most pharmaceutical companies, a broad range of biotechnology companies, contract research organizations and many government agencies, hospitals, and academic institutions. We have a global footprint with production facilities strategically located in 7 countries, in close proximity to major biohubs and client concentrations. Our research models include commonly used laboratory strains, disease models and specialized strains with compromised immune systems, which are in demand as early-stage tools in the drug research and development process.

The research models we supply have been, and continue to be, some of the most extensively used in the world, largely as a result of our geographic footprint and continuous commitment to innovation, quality, and biosecurity. Our research models are bred and maintained in controlled environments, which are designed to ensure that the models are free of specific viral and

bacterial agents and other contaminants that can disrupt research operations and distort scientific results. With our production capabilities, we are able to deliver consistently high-quality research models worldwide.

Our small research models include inbred, outbred, and hybrid strains, as well as mutant strains, genetically engineered models and humanized models with biological features, which enable research aims. Certain of our research models are proprietary rodent models used to research treatments in several therapeutic areas. We are also a premier provider of high quality, purpose bred, large research models to the biomedical research community. While we provide some non-human primates directly to clients who utilize them primarily for safety testing of new therapies, most of the non-human primates associated with our business are utilized in connection with our clients' studies conducted by our Safety Assessment services in our DSA business. In both cases - non-human primates we provide directly to clients and non-human primates which are utilized through our Safety Assessment services – these large research models are sourced from Charles River audited and approved suppliers, some of which we have an ownership and/or operational involvement.

Research Model Services. RMS offers a variety of flexible solutions designed to support our clients' use of research models in basic research and screening pre-clinical drug candidates. These services address the need among pharmaceutical and biotechnology companies to outsource the non-core aspects of their drug discovery activities. Our services include those related to the maintenance and monitoring of research models, and managing research operations for government entities, academic organizations, and commercial clients. Our expanded service offering provides greater flexibility for our clients' research and supports increased scientific complexity. We currently have three service offerings in research models services: Insourcing Solutions, Genetically Engineered Models and Services (GEMS), and Research Animal Diagnostic Services (RADS).

Insourcing Solutions. We manage the research operations of government entities, academic organizations and commercial clients (including recruitment, training, staffing and management services) both within our clients' facilities and utilizing our Charles River Accelerator and Development Lab (CRADL™) offerings, where we provide vivarium space to our clients. Some research institutions prefer to retain certain elements of their research in-house, while outsourcing staffing and management, thus driving demand for our services. We believe that our expertise in early-stage drug research, and in particular research model care, scientific and technical support, facility operations, and discovery and development services, enhances the productivity and quality of our clients' research programs.

Genetically Engineered Models and Services. We create, breed and maintain research models required by our clients for biomedical research activities. The creation of a genetically engineered model (GEM) is a critical scientific event, but it is only one step in the discovery process, and our scientists can advise clients on how to efficiently create custom models utilizing in-licensed technologies and approaches to modify the genome. Productive utilization of GEMs requires significant additional technical expertise in order to properly support basic and early discovery research. We provide breeding expertise and colony expansion, quarantine, health and genetic testing and monitoring, germplasm cryopreservation and rederivation, including assisted reproduction and model creation. Our team of project managers is supported by a proprietary, technologically advanced Internet Colony Management (ICM™) system that allows for real-time data exchange. We provide these services to clients around the world, including pharmaceutical and biotechnology companies, hospitals, universities, and government agencies.

Research Animal Diagnostic Services. We monitor and analyze the health profiles of our clients' research models and research biologics by assessing infectious agents and pathology. We developed this capability internally to address the quality control of our research model business. We can serve as our clients' sole-source testing laboratory, or as an alternative source supporting our clients' internal laboratory capabilities. We believe we are the reference laboratory of choice for health assessment of laboratory research models and an industry leader in the field of laboratory animal diagnostics.

Cell Solutions. Our Cell Solutions business provides consenting human donor-derived cellular materials used in the development and production of cell therapies. The business supplies controlled, consistent, customized primary cells and blood components derived from normal and mobilized peripheral blood and bone marrow, as well as cells from disease state donors. Our Cell Solutions business supports biotechnology and pharmaceutical companies, academic institutions and other research organizations who rely on high-quality, viable and functional human primary cells and blood components for biomedical and drug discovery research and cell therapy development, including clinical trials.

Discovery and Safety Assessment

We currently offer regulated and non-regulated DSA services to support the discovery, development, and regulatory-required safety testing of potential new drugs, including *in vitro* and *in vivo* studies, laboratory support services, including bioanalytical and strategic non-clinical consulting and program management.

In 2025, we initiated the integration of our Discovery Services and Safety Assessment businesses into one overarching DSA organization. This unification focuses on a combined sales force and leadership approach, with integrated scientific expertise to facilitate a more seamless client experience and make us a stronger and even more responsive partner for our clients.

Discovery Services. We offer a single source of services for discovering and characterizing novel drug candidates for preclinical development by providing a full spectrum of discovery services — from identification and validation of novel targets, low molecular weight small molecule compounds, oligonucleotides, and biotherapeutics with actual or potential intellectual property value, through to delivery of preclinical drug and biotherapeutic candidates ready for safety assessment and progression toward the clinic. This includes services to streamline and enhance drug discovery programs for our clients, including expertise and capabilities in all stages of discovery and all major modalities including small molecules, biologics (antibodies), oligonucleotides, and cell and gene therapies. In the discovery phase, we leverage our capabilities in non-GLP toxicity assessment and predictive models to enable identification and mitigation of safety issues to ensure a smooth progression into regulatory safety assessment. We have in depth capabilities in formulation and pharmaceuticals to provide seamless transfer of optimized drug substance from the discovery phase into pre-clinical development and safety assessment. Our Safety Assessment teams can flag unexpected issues observed in regulatory toxicology to our Discovery Services team that might be resolved by further optimization within Discovery Services, enabling clients to potentially regain momentum in pre-clinical programs after resolution of the issues. Our seamless offering portfolio, along with our broad expertise and capabilities allow us to better engage with clients at any stage of their drug discovery programs and support their complex scientific needs. We focus on major therapeutic areas, with a strategic emphasis on neuroscience, oncology, and immunology. We believe there are growing opportunities to assist our clients in a variety of drug discovery applications and platforms, from target discovery to candidate selection and across the full range of modalities.

We are a leader in integrated drug discovery services. Our full suite of service offerings, together with our knowledge and expertise, allows us to engage and support our clients at any stage of their discovery or early-stage development programs, including the design and implementation of their research programs, and to stay with them through the entire drug discovery process, providing a seamless end-to-end offering. Our offerings include:

- target discovery and validation;
- disease biology;
- target deconvolution through proteomics and cell microarray technology;
- hit identification, hit-to-lead progression and lead optimization to deliver candidate molecules and biotherapeutics across modalities, making use of state-of-the-art techniques such as computer-aided drug design, structural biology and machine learning/artificial intelligence;
- early non-clinical pharmacokinetic and pharmacodynamic studies, transporter-mediated drug-drug interaction, and *in vitro* and *in vivo* assays to assess mechanism, bioavailability and metabolism as required for regulatory approval;
- appropriate *in vivo* Discovery Services evaluation, which is essential to generate confidence in the initial safety of a novel therapeutic agent, its fate in an intact mammalian system and its potential to translate into an efficacious treatment in humans;
- target engagement and safety biomarker development to support non-clinical and potentially downstream clinical studies.

Safety Assessment. We offer a full range of safety assessment studies required for regulatory submission on a global basis across all therapeutic areas in the pharmaceutical, biotechnology, industrial chemical, agrochemicals, consumer products, veterinary medicines and medical devices industries. We are a global leader in both non-regulated and regulated GLP outsourced safety assessment services and provide expertise in a variety of therapeutic areas and modalities.

Toxicology. In addition to offering standard toxicology services, we also provide a broad range of specialty toxicology offering from inhalation and infusion to developmental and reproductive toxicology. Our services include an extensive offering of capabilities and study types designed to identify possible safety risks as well as a comprehensive offering of *in vitro* and *in vivo* studies in support of general toxicology (acute, sub-acute and chronic studies), genetic toxicology, safety pharmacology, off-target screening, receptor identification profiling, reproductive and developmental toxicology, juvenile toxicology, and carcinogenicity bioassays that are required for regulatory submissions supporting “first-in-human” to “first-to-the-market” strategies for potential human therapeutics. Additionally, we support safety studies in numerous specialty areas including cell and gene therapies, ecotoxicology, environmental risk, musculoskeletal toxicology, neurotoxicology, ocular toxicology, ototoxicology, and phototoxicology. We have expertise in the design and execution of development programs in support of a broad diversity of therapeutic modalities in numerous laboratory species and test systems. We also support safety studies to test industrial chemical, agrochemicals, consumer products, veterinary medicines and medical devices. For human pharmaceutical candidates, once a lead candidate is selected, toxicology studies are required to support clinical trials in humans and for regulatory approval. These toxicology studies focus on assessing the safety of the potential therapeutic to determine if administration to humans might cause any unintended harmful effects. For new chemicals, industrial chemicals, agrochemicals, veterinary medicines, consumer products and medical devices, safety studies are performed to identify potential hazards to

humans and the environment and are required for regulatory registration. Toxicology studies performed for any of these compounds are typically performed using *in vitro* and *in vivo* research models to identify any potential adverse effects that a compound has on an organism or tissue over a variety of doses and over various time periods of exposure.

Pathology Services. The ability to identify and characterize clinical and anatomic pathologic changes is critical in determining the safety and efficacy of potential new therapeutics, industrial and agricultural chemicals, veterinary medicines, and medical devices. Key “go/no-go” decisions regarding continued product development are typically dependent on the identification, characterization and evaluation of fluid, tissue and cellular changes that our experts identify and interpret for our clients. We employ many highly trained veterinary anatomic and clinical pathologists and other scientists who use state-of-the-art techniques to identify potential test item-related changes. In addition to all standard anatomic and clinical pathology techniques, we provide specialized evaluations such as digital primary and peer review histopathology options, cytology, platelet function, assay development, immunohistochemistry, *in situ* hybridization, image analysis, tissue morphometry and spatial analysis services.

Safety Pharmacology. Our clients are also required to conduct an assessment of safety pharmacology. This suite of studies is used to determine any effects on the vital organ systems of the body - cardiovascular, respiratory and central nervous system (CNS). Along with heart rate and blood pressure measurements, the cardiovascular assessment will also assess if the test article has the potential to alter cardiac ion channel currents and prolong the cardiac QT interval of the electrocardiogram. Additionally, effects on the CNS and respiratory systems are assessed to complete the battery of studies to evaluate the vital organ systems of the body. Supplemental studies can also be performed to assess the renal, gastrointestinal and autonomic nervous systems, as well as dependency potential. We have *in vitro*, *ex vivo* (use of cells, tissues or organs outside of an *in vivo* system) and *in vivo* assays and perform the screening prior to the initiation of first-in-human clinical trials. Our capabilities can also be used to investigate the mode of action behind an adverse effect found in a safety assessment study.

Bioanalysis, Drug Metabolism and Pharmacokinetics. In support of non-clinical drug safety testing and new chemical development, our clients are required to demonstrate appropriate stability in the collected biological sample, pharmacokinetics of their drug or compound in circulation, the presence of metabolites and, in the case of biologics, the presence or absence of anti-drug antibodies. We have scientific expertise in the sophisticated bioanalytical techniques required to satisfy these requirements for many drugs and chemicals. Once analysis is complete, our scientists evaluate the data to provide information on the pharmacokinetics and/or toxicokinetics of the drug or chemical and complete an evaluation of the biologic disposition of the drug or chemical and its potential metabolites. Pharmacokinetics refers to the understanding of what the body does to a drug or compound administered at therapeutic dose levels, including the process by which the drug is absorbed, distributed in the body, metabolized and excreted. Toxicokinetics refers to the same understanding as applied at higher doses that may result in adverse effects. These studies are routinely required for the full non-clinical assessment of the disposition of the drug or chemical and the results are used in the safety evaluation of the compound. After performing sample analysis in support of non-clinical studies, we also support the clinical bioanalysis required in clinical trials for drug development. In addition, our Laboratory Sciences group is able to measure a wide range of non-clinical and clinical biomarkers related to the safety and efficacy of the drugs and/or chemicals being developed.

Our Safety Assessment facilities comply with animal welfare and GLP regulations to the extent required by the FDA, Environmental Protection Agency, United States Department of Agriculture (USDA), Centers for Disease Control and Prevention (CDC), European Medicines Agency, European Chemicals Agency and the Organization for Economic Co-operation and Development (OECD), Canadian Council on Animal Care (CCAC) as well as other international regulatory agencies. Furthermore, our non-GLP and early-stage discovery work performed at our Safety Assessment facilities, which are not subject to GLP regulations, is typically carried out under a quality management system. Our Safety Assessment facilities and Manufacturing facilities are regularly inspected by regulatory compliance monitoring authorities, our clients’ quality assurance departments and our own internal quality audit program.

Manufacturing Solutions

Our Manufacturing Solutions segment is comprised of two businesses: Microbial Solutions and Biologics Solutions.

Microbial Solutions. Our Microbial Solutions business operates as a rapid, efficient testing platform for microbial detection and identification of sterile and non-sterile applications. Microbial Solutions is a premier global provider of *in vitro* methods for conventional and rapid quality control testing, including FDA-mandated lot release testing for sterile biopharmaceutical products. The products and services are provided by our Endosafe®, Celsis® and Accugenix® businesses, which produce, globally distribute and service a comprehensive portfolio of endotoxin testing, microbial detection and identification kits, reagents, instruments, software, accessories, and laboratory services to a broad range of companies manufacturing and releasing products from the pharmaceutical, biotechnology, medical devices and consumer products companies. Our Endosafe® business provides lot release testing of medical devices and injectable drugs for endotoxin contamination. Our Celsis® business provides rapid microbial detection systems for lot release testing as well as raw materials and in-process for quality control testing in the pharmaceutical, medical device and consumer products industries. Our Accugenix® business provides state-of-the-art microbial

identification services and products for manufacturing in the biopharmaceutical, medical device, nutraceutical and consumer care industries. We expect our comprehensive portfolio of offerings and global network of laboratories to drive increased adoption of our quality control testing solutions across both sterile and non-sterile applications.

Endosafe®. We are a market leader in endotoxin testing products and services, which are used for FDA-required quality control testing of injectable drugs and medical devices, their components, and the processes by which they are manufactured. Endotoxin testing is an *in vitro* process that uses a processed extract from horseshoe crabs, known as limulus amoebocyte lysate (LAL). The LAL test is the first and most successful FDA-validated alternative to an *in vivo* test to date. Generally, the extraction of the raw materials for LAL does not harm the crabs, which are subsequently returned to their natural ocean environment. We have worked closely with regulatory agencies in states where we collect to limit our impact on the horseshoe crab population and their surrounding environment.

One of the primary growth drivers in our Microbial Solutions business is our FDA-approved line of next-generation endotoxin testing products. This line is based on the Endosafe Portable Testing System (Endosafe® -PTS™) technology, which allows rapid endotoxin testing in the central laboratory or manufacturing environment. In recent years, we expanded the PTS product portfolio to include a multiple sample testing system known as the Endosafe®-MCST™ (multi-cartridge system) and the first fully automated robotic system developed specifically for high-volume endotoxin testing, Endosafe®-Nexus, to satisfy the demand of our clients who require higher sample throughput. We have seen expanded use of this rapid endotoxin testing technology as clients transition from traditional methods to our rapid cartridge technology and are seeking to meet data integrity requirements with our automated systems and software solutions. In 2023, we launched Endosafe® Trillium®, our animal-free recombinant test for endotoxin detection. Endosafe® Trillium® utilizes three biological proteins, which we believe provides superior accuracy and testing outcomes to competitors' single-protein recombinant alternatives, as well as equivalence to LAL-based testing method. Endosafe® Trillium® represents a next-generation solution to our industry-leading Endosafe® bacterial endotoxin detection portfolio.

Celsis®. The Celsis® reagents and instrument systems are used for in-process and product-release testing to help ensure the safe and efficient manufacture of pharmaceutical and consumer products. Celsis® products utilize adenosine triphosphate bioluminescence technology for the rapid detection of microbial contamination delivering definitive results for some applications as fast as 24 hours. The product range includes reagent kits, instruments, software and services. The Celsis Advance II™, Celsis Accel™, and Celsis Adapt™ instruments and software automate the process for rapid microbial detection. We maintain a suite of products focused on sterility testing. Sterility testing is required prior to the release of sterile injectable products. The legacy method required a 14-day sample incubation period and was subjective. Using the Celsis® protocol and instrumentation, clients can detect contamination within 6 days and make definitive product release decisions. We also offer Celsis Complete™ and Celsis Advantage™ services. The Celsis Complete™ services supply both the documentation and testing required as part of a client sterility technology method validation process. This assists clients to complete their validation process very quickly without utilizing their own personnel resources. The Celsis Advantage product supplies the required documentation needed for the clients to conduct their own internal validation. The Celsis Adapt™ is an accessory instrument for the Celsis® rapid detection systems, which is used to prepare and concentrate samples and provide a rapid testing solution for advanced therapy medicinal products, cell therapies, gene therapies, and other cell-containing products.

Accugenix®. Our Accugenix® global lab network is the premier provider of ISO17025-accredited contract microbial identification services. Accugenix® is an industry leader in species-level identification and strain typing of bacteria and fungi that are recovered from manufacturing facilities. Utilizing state-of-the-art and proprietary technologies, coupled with scientific expertise and analysis from a network of nine global labs, Accugenix® excels in providing accurate, timely, and cost-effective microbial identification services and products required to meet internal quality standards and government regulations. Accugenix® also offers an in-house solution with our Axxess® instrument that allows clients to perform identification testing in their own lab with access to our proprietary library.

Biologics Solutions. Our Biologics Solutions (Biologics) business is comprised of our Biologics Testing Services business and CDMO business.

Biologics Testing Services

Our Biologics Testing Services business provides clients with analytical testing and related capabilities to support the safe manufacture of their biologic drugs, as well as a suite of manufacturing services to produce our clients' advanced therapeutics.

Our current Good Manufacturing Practices (cGMP) testing services facilities also grow and store well-characterized early-stage client cell lines and virus seed stocks for later development or manufacture of therapeutic proteins and vaccines for clinical trials. We further design and provide viral clearance programs according to GLP at our German facility and cGMP at our U.S. facility for Phase I, II and III human clinical studies as well as for market authorization.

We perform specialized testing of biologics frequently outsourced by pharmaceutical and biotechnology companies globally and are a partner in navigating the complex pathway to biologic effectiveness. Our laboratories in the U.S., Germany, Ireland

and France provide timely and regulatory-compliant services in the areas of analytical, molecular biology, virology, cell-based bioassays, bioanalysis, immunochemistry, microbiology, cell biology, *in vivo* and *in vitro* studies and related services. We provide analytical characterization, lot release and safety testing support for chemistry, manufacturing and controls and investigational new drug (IND) filings and confirm that biomanufacturing of clinical drug candidates and commercial drugs are consistent, correctly defined, stable and essentially contaminant free. This testing is required by the FDA, EMA and other international regulatory authorities for our clients to obtain new drug approvals, to maintain government-licensed manufacturing facilities and to manufacture and release market-approved therapeutic products for patient treatment.

We continue to look for opportunities to expand our Biologics Testing Solutions service offerings and facilities in the U.S. and Europe. We have also commissioned a biosafety level 3 (BSL3) facility to provide *in vivo* and *in vitro* testing services for BSL3 materials, such as SARS-CoV2.

CDMO Services

Our CDMO business operates in the three major areas of the high-growth advanced therapy CDMO market: cell therapy, viral vector, and plasmid DNA production. Our CDMO services include expertise in gene-modified and unmodified cell therapy manufacturing coupled with capabilities in viral vector manufacturing, as well as plasma DNA. Our CDMO services establish us as a premier scientific partner for cell and gene therapy development, testing, and manufacturing. The fully integrated advanced therapeutics portfolio enables us to provide clients with an integrated solution from basic research and discovery through cGMP production; driving efficiency and accelerating clients' speed-to-market by integrating preclinical CRO activities with manufacturing and testing. This provides our clients with a seamless experience across the value chain with the same advanced therapeutics scientific partner. Our cGMP CDMO facilities have the capability to manufacture and store raw materials, drug substance, and drug product, which are suitable for use in clinical trials as well as for commercial manufacturing.

Our Strategy

Our objective is to be the scientific partner of choice to accelerate biomedical research and therapeutic innovation. Our strategy is to deliver a comprehensive and integrated portfolio of drug discovery and non-clinical development products, services and solutions to support our clients' discovery and early-stage drug research, process development, scale up, manufacturing and product release efforts, and enable them to bring new and improved therapies to market faster and more cost effectively.

We believe we have certain competitive advantages in executing this strategy because of our continuing focus on the following:

Integrated Early-Stage Portfolio. Our large, global portfolio of products, services and solutions focuses on drug discovery and early-stage development. We provide research models and associated services, discovery research studies and services and comprehensive safety assessment studies in both regulated and non-regulated environments. As such, we can collaborate with clients from target discovery through development candidate selection. When critical decisions are made regarding which therapeutics will progress from discovery to development, we continue to work alongside our clients as the drug candidates move downstream. Our recognized expertise in early-stage drug research and pharmacology provides us with a competitive advantage and enables our clients to make critical drug development decisions more quickly. We understand our clients' therapies and the challenges they face during the discovery and development process, including mechanism of action, efficacy, drug metabolism, safety assessment and toxicological testing, which are all critical for making "go/no-go" decisions.

Comprehensive Biopharmaceutical Manufacturing Portfolio. We also offer a portfolio of products, services and solutions that supports the process development, scale up, quality control and production efforts of the biopharmaceutical industry. We provide products and services that support the development and release of clinical stage and commercialized biologics products, including CDMO services to manufacture advanced therapeutics for our clients. In particular, we are an industry leader in the areas of microbial detection and microbial identification to support process development and ongoing commercial production. Our portfolio spans a broad range of traditional and rapid methods, which provide the highest testing quality, enhanced productivity and reduced cycle time.

Deep Scientific Expertise. We provide a breadth and depth of scientific expertise across a broad range of therapeutic areas which may be too costly for our clients to build and/or maintain in-house. We provide essential capabilities, including medicinal chemistry, *in vitro* biology, *in vivo* pharmacology, pathology, advanced modalities manufacturing, analytical testing for early and late stage products, immunology, biomarker assessment, biologics process development testing, microbial detection and identification and other specialty service areas that have high infrastructure costs or are cost-prohibitive for clients to maintain independently. We continue to look for opportunities to expand our portfolio in key therapeutic and pharmacology areas to align with our clients' internal drug discovery and development areas of focus. We also continue to enhance our small molecule, biologics, and advanced modalities portfolios in areas of greatest industry need, where outsourcing provides major benefits for our clients and where we could provide significant benefits given our unique early-stage development portfolio and global footprint.

Commitment to Animal Welfare. We are committed to being the worldwide leader in the humane care of research animals and implementation of the “3Rs” initiative (Replacement, Reduction, and Refinement). As researchers, we are responsible to our clients, our animals and the public for the health and well-being of the animals in our care. We work closely with the scientific community to understand how living conditions, handling procedures and reduction of stress play an important role in the quality and efficiency of research. We are committed to working with the industry to support development and to provide the best translational models to supplement or replace traditional live animal models. These include *in vitro* models, *in silico* predictive tools, and virtual control groups.

Superior Quality and Client Support. We maintain scientific rigor and high-quality standards through management of key performance indicators and an intense focus on biosecurity and quality. These standards help to reduce research risk and allow clients to access our global portfolio of products and services with the confidence that they will obtain consistent results no matter where they choose to obtain their products or conduct their research.

Flexible and Customized Environment to Provide the Right Solutions. Each of our clients is different, with unique needs and specific requirements. We understand the importance of flexibility, and leverage the expertise embedded in our integrated, non-clinical portfolio to provide customized solutions tailored to the specific need or therapeutic area for a particular client. By utilizing our streamlined and efficient facilities, we help clients create a flexible and integrated infrastructure in order to improve their workload and staffing requirements. This allows our clients to optimize internal capacity and/or staff while ensuring the conduct of effective quality research for their projects. We provide enhanced value to clients who use us as a full-service integrated partner over a longer period of time.

Large, Global Partner. We believe there is an important advantage in being a full service, high-quality provider of research models and associated services, discovery and non-clinical *in vivo* and *in vitro* services and manufacturing solutions on a global scale. Many of our clients, especially large biopharmaceutical companies, have decided to limit the number of suppliers with which they work. They frequently choose to partner with large companies similar to Charles River, that can offer clients support across the non-clinical drug research process as a result of broader portfolios and experience in project management. This includes extensive scientific, technical and therapeutic area expertise, timely access to data, documentation and data visualization through secure portals, provision of data in sponsor-specific formats for data warehousing needs, accelerated reporting, reduced standard reporting timelines and industry-leading Standard Exchange of Non-Clinical Data (SEND) capabilities, a global footprint, streamlined and simplified processes and communications, including professional project and relationship management. We are focused on leveraging our competitive advantages to ensure we are recognized as the premier preferred provider, thereby enabling us to build broader and deeper long-term strategic relationships with our clients.

Digital Enhancements. As the healthcare industry evolves, technology is playing an essential role. This technological revolution is not only helping streamline processes and operations, but the effects of this digitization directly impact patients. We are committed in our efforts to reduce the timeline to develop, safe and innovative new treatments for patients who desperately need them. To progress this forward, we strive to understand the true challenges that can slow drug research and development and re-imagine the way we work and collaborate to create digitally native solutions that improve efficiency, accelerate processes and enable automated, data driven outcomes. Our commitment to understanding the problem before finding a solution has enabled us to keep clients—and ultimately patients—at the center of the way we look at problems. By using client-centric design thinking, agile-based test and learn processes in short iterative cycles, and automating existing processes, we optimize client experiences and bring holistic solutions to pressing concerns.

Our clients’ R&D needs continue to evolve. These clients are increasingly emphasizing studies that have greater translation to the clinic so that they can make appropriate decisions regarding the progression of potential therapeutic entities earlier in the development process. The result is a focus on discovery services, including *in vitro* models and *in vivo* pharmacology studies consisting of efficacy and non-GLP DMPK (drug metabolism and pharmacokinetics) studies. Second, these clients are choosing to outsource additional discovery and safety assessment services to increase the efficiency and effectiveness of their drug selection processes.

We believe that this changing environment will provide enhanced outsourcing opportunities for us in the future. We remain optimistic that our clients are increasingly receptive to partnering with us as a means of meeting their discovery and non-clinical support needs. We believe that the successful development of new therapies and outsourcing by the pharmaceutical industry will continue to be positive drivers of demand for our products and services.

Global biopharmaceutical companies are continuing to make the decision to outsource more significant tranches of their drug discovery, development and manufacturing processes. The success of our business model is underscored by the fact that we have entered into strategic commercial relationships with leading global biopharmaceutical companies and expanded existing preferred provider agreements with other leading global biopharmaceutical companies. We also continue to broaden and extend our relationships with other research institutions across the portfolio.

We believe that larger biopharmaceutical companies will increasingly focus on efficiencies and execution. They will continue to reassess their core differentiators from R&D to commercialization, and which aspects of their drug discovery, development and manufacturing processes they will choose to outsource. We expect they will also continue to be conservative in building infrastructure and expertise. This should lead to more opportunities for strategic outsourcing as larger biopharmaceutical clients choose to utilize external resources rather than invest in internal infrastructure. By partnering with Charles River, we believe our clients can take advantage of efficiencies in their early-stage research activities that can result in months saved in getting a drug to market. In the aggregate, we believe that the evolving large biopharmaceutical R&D business model along with our focus on data and digitalization will make our essential products and services even more relevant to our clients, and allow them to leverage our integrated offerings and expertise to drive their research, non-clinical development and manufacturing efficiency and cost effectiveness.

We believe it is critical to participate in the strategic commercial partnering process because these relationships are likely to extend for multiple years and drive pull-through across our portfolio. Furthermore, both the client and Charles River invest heavily in the initial phases of the relationship to successfully transfer work streams and establish governance processes. Given this investment, clients are less likely to change partners at the conclusion of the initial relationship.

The evolving biopharmaceutical R&D business model, coupled with solid long-term biopharmaceutical industry fundamentals and a historically sustained funding environment, have also led to the continued creation of new biotechnology companies focused on developing innovative new therapies. The biopharmaceutical industry continues to evolve and become more sophisticated, with research yielding new types of treatments with increasing complexity, and more targeted and individualized therapies. While the recent biopharmaceutical demand environment has been less robust, we believe that our portfolio provides flexible solutions and scientific expertise that meet the customized needs for virtual and small biotechnology companies, which have limited or no infrastructure. These clients also value our ability to provide a broad range of services where we work hand in hand with our clients to design, plan and manage integrated projects and programs. This includes classically outsourced services, “insourced” services and hybrid offerings blending resources from both our clients and our staff.

We are taking decisive action to manage the Company through the current demand environment, including appropriately right-sizing our infrastructure, optimizing operations, and driving efficiency with a goal to protect operating margin. We are committed to initiatives to generate more revenue, contain costs, and protect shareholder value through enhanced commercial initiatives, restructuring and efficiency actions to drive cost savings, as well as a balanced approach to capital deployment, including:

- Restructuring initiatives to manage costs and generate efficiency by reducing staffing levels to align with the level of demand, as well as evaluating our global footprint to optimize, consolidate, and simplify operations. We are also engaging in global footprint optimization efforts to maximize capacity and enhance our capabilities. We have taken a client-centric approach to these actions with a goal of serving our clients more efficiently and seamlessly in order to capture synergies and savings that extend beyond the facility costs. These footprint optimization efforts are intended to enhance the efficiency and economies of scale in our global infrastructure, leading to a more disciplined operating model. In addition, Charles River’s culture of continuous improvement strives to implement initiatives to drive greater operating efficiencies. In the current demand environment, we are focused on achieving this goal through streamlining global business services, driving enhanced procurement savings, and leveraging our digital platform.
- Focusing on commercial enhancements to promote a client-centric focus and gain additional market share. Our goal is to enhance the client experience and reinforce our role as a flexible and responsive partner to our clients, including through leveraging technology such as our Apollo™ cloud-based platform to provide real-time access to scientific data and self-service tools for clients.
- Continuing to evaluate additional strategies to enhance the business. We are working on initiatives to further transform how we operate, including harmonization and centralization of processes, tools and tasks, continuing to better leverage technology, adoption of a global businesses service model to streamline our operations, as well as other projects such as generating greater procurement savings.

Our strategic imperatives and operational goals are centered around our intense focus on initiatives designed to allow us to drive profitable growth, enhance our operating efficiency and better position ourselves to function successfully in the current and future business environment, which we believe will collectively enable us to maximize value for our shareholders.

Over the past decade, we have expanded our capabilities by adding high-science services with the goal to deliver fast and high quality end-to-end integrated, non-clinical solution to accelerate drug development. We intend to continue to broaden the scope of the products and services that we provide across the drug discovery and non-clinical development continuum primarily through internal development, and also, through focused acquisitions and our strategic partnerships strategy, all of which are intended to enable us with the flexibility to adapt and innovate to meet our client's changing needs. Acquisitions, such as our acquisitions of Explora BioLabs in fiscal 2022, SAMDI in 2023, and Noveprim in 2023, have been (and we expect will be in the future) an integral part of our growth strategy, both to expand our portfolio and broaden our geographic footprint. We are committed to a disciplined approach that seeks to target businesses that are a sound strategic fit. We aim to consistently deliver shareholder value, including the achievement of a hurdle rate for return on invested capital above our weighted average cost of capital.

Mergers and acquisitions remain one of our top, long-term priorities for disciplined capital deployment and enhancing growth strategy with focus on enhancing the breadth of our scientific capabilities principally within our core competencies, expanding our global scale, and maintaining our leadership position in advanced and emerging therapies. Our long-term strategy also includes growth through establishing relationships and exploring other opportunities and areas that have the potential to strengthen our broad-based portfolio of products and services.

We also partner with a diverse set of leading venture capital firms around the world primarily investing in life sciences, health care and therapeutics with an emphasis on early-stage companies. Through these partnerships and close relationships, we gain insight into their company and asset portfolios and are thus able to promote our services for each of our businesses. We also view these partnerships as an investment in new and emerging sciences and technologies as they allow us to gain insights to cutting-edge capabilities. Thus, we have the opportunity to establish ourselves as a provider of choice for a unique client group that has emerged as biopharmaceutical companies rationalize and prioritize their development pipelines.

We routinely evaluate strategic fit and fundamental performance of our businesses. As part of this ongoing assessment, we may determine certain capital could be better deployed in other long-term growth opportunities. Most recently, we divested our Avian Vaccine Services business in 2022, and a Safety Assessment site in 2024, as we determined these businesses/sites were no longer a strategic fit.

Clients

Our clients consist primarily of major biopharmaceutical companies; many small, emerging, and established biotechnology, agricultural and industrial chemical, life science, veterinary medicine, medical device, diagnostic and consumer product companies; contract research and contract manufacturing organizations; and other commercial entities, as well as leading hospitals, academic institutions, government agencies, and non-governmental organizations. We have stable, long-term relationships with many of our clients. During 2024, no single client accounted for more than 4% of our total revenue and no single client accounted for more than 8% of the revenue of any of our three business segments.

We continue to pursue a goal of expanding our relationships with our large biopharmaceutical clients, and with many of our larger mid-tier clients. These relationships take different forms, from preferred provider arrangements to strategic partnerships. The structure of these relationships incentivizes clients to purchase more products and services across our non-clinical portfolio. Because of the strength of these relationships, we have better insight into our clients' planning processes and, therefore, better visibility than in the past. For information regarding revenue attributable to each of our business segments for the last three fiscal years, please see Note 4. Segment and Geographic Information, included in the Notes to Consolidated Financial Statements included elsewhere in this Form 10-K. For information regarding revenue and long-lived assets attributable to operations in the United States, Europe, Canada, Asia Pacific and other countries for each of the last three fiscal years, please review Note 4. Segment and Geographic Information, included in the Notes to Consolidated Financial Statements included elsewhere in this Form 10-K.

Sales, Marketing and Customer Support

Our marketing efforts are focused on stimulating demand for further outsourcing across our entire services portfolio. We believe that our ability to provide solutions that address all aspects of early-stage drug research are increasingly attractive to our clients, and we continue to design and market our commercial activities to deliver flexible, customized programs designed by segment to meet our clients' global and site-specific needs.

Our go-to-market approach employs a number of sales and marketing strategies, including dedicated sales teams for each of our major lines of business and global and key account managers who represent the entire portfolio. We also maintain several sales specialists that either have specific technical expertise (often degreed scientists) or cover unique markets.

In addition to our field sales teams and related specialists, we also have a team of alliance managers who are organized by key client within our market segments (global biopharmaceutical, small and mid-sized pharmaceutical and biotechnology companies, and academic and government institutions). This enhances our ability to meet client needs by offering customized,

tailored solutions across our entire portfolio. In addition, our clients benefit by additional support from a combination of technical specialists with specific scientific and therapeutic area expertise. We also apply the use of dedicated sales specialists for certain technical product lines, such as in our Manufacturing businesses.

We sell our products and services principally through our direct sales and business development teams who work in North America, Europe and Asia. In addition to interactions with our direct sales force, our primary promotional activities include presenting scientific symposia to targeted audiences, publishing scientific papers, technical support pieces and white papers, and newsletters, hosting webinars and virtual seminars and making presentations at, and participating in, scientific conferences and trade shows in North America, Europe and Asia. We supplement these scientifically based marketing activities with digital marketing, advertising and website content. In certain areas, our direct sales force is supplemented by international distributors and agents.

Our internal strategic marketing and marketing operations teams support the field sales and business development teams while developing and implementing programs to build awareness about products and services and create opportunities for interaction with our clients in the biomedical research industry. We maintain client engagement, lead development support, digital experience, eCommerce, and event management departments, which address both our clients' routine and more specialized needs and purposely serve as a scientific support and information resource for them. We frequently assist our clients in solving problems related to resourcing products and services, research support, non-clinical study design, regulatory consulting, protocol development and other areas in which our expertise is widely recognized as a valuable resource by our clients.

Competition

Our goal is to be a leader in each of the markets in which we participate. We compete in the marketplace on the basis of our therapeutic and scientific expertise in early-stage drug research, quality, reputation, flexibility, responsiveness, pricing, innovation and global capabilities. We are able to offer a unique portfolio of early-stage products and services to support drug discovery and development.

We encounter a broad range of competitors of different sizes and capabilities in each of our three businesses segments. We also face competition from the internal discovery and development resources of our clients.

- For RMS, we have four main competitors of which one is a government funded, not-for-profit entity; one is a public company in the U.S.; one is privately held in Europe; and one is privately held in the U.S.
- For DSA, both our discovery services and safety assessment services have numerous competitors. Our discovery services offerings have hundreds of competitors, but two main competitors: one is a public company in China and one is a public company in Europe. Our safety assessment offerings have dozens of competitors of varying size, but one main competitor that is a division of a large public company in the U.S. Our DSA segment also competes with in-house departments of pharmaceutical and biotechnology companies, universities and teaching hospitals.
- For Manufacturing, each of our underlying businesses has several competitors. Microbial Solutions has four main competitors, of which three are public companies in Europe and one is part of a public company in Japan. In addition to many smaller competitors, Biologics Solutions has five main competitors, of which three are public companies in Europe, one is a public company in the U.S., and one is a public company in China.

Industry Support and Animal Welfare

One of our core values is a commitment to animal welfare. Research animals are an important resource that further our knowledge of living systems and contribute to the discovery and development of life-saving drugs. We work with our scientific community peers to understand how living conditions, handling procedures, and experimental procedures contribute to animal stress and play a role in the quality of research outcomes. As researchers, we are responsible to our clients and the public for the health and well-being of the animals in our care, and prioritize the humane treatment of these critically important research models.

We have been at the forefront of animal welfare improvements in our industry and continue to show our commitment with special recognition programs for employees who demonstrate an extraordinary commitment in this critical aspect of our business. We created our own Humane Care Imperative (HCI), which is overseen by our Global Animal Welfare and Training corporate group. The goal of HCI is to ensure that we continue as a worldwide leader in the humane care of research animals and implementation of the 3Rs (Replacement, Reduction, and Refinement). As part of the HCI, we also have quarterly recognition and celebration of employees that go above and beyond to promote animal welfare and safety. In 2024, we published on our website an extensive and comprehensive Corporate Citizenship Report, which includes information on our Global Animal Welfare and Training, Responsible Animal Use and New Alternative Methodologies (NAMs) work, including investments in NAMs through our recently launched Alternative Methods Advancement Project (AMAP) initiative that is dedicated to investing in and developing alternatives to reduce animal testing.

We are firmly committed to the 3Rs and to reducing the number of animals that we work with by emphasizing health, research animal behavioral management programs and genetic integrity to decrease study data variability. Whenever possible, we use low stress handling of our animals, technological advances such as *in vitro* diagnostic tests for health surveillance in laboratory rodents, microsampling and various *in vitro* assays. We support a wide variety of organizations and individuals working to further animal welfare and the 3Rs, as well as the interests of the biomedical research community. We also partner with clients to develop study designs to right-size the number of animals needed and suggest pilot studies where appropriate. We maintain a quarterly award program that recognizes our employees' efforts to continually implement the 3Rs at our sites globally.

We provide scholarships for training in laboratory animal science, financial support to non-profit organizations that promote and educate the public about animal welfare, the 3Rs, and the benefits of animal research, and awards to outstanding leaders in the laboratory animal science field and the supporters of 3Rs.

In 2023, our Board of Directors established a Responsible Animal Use Committee to assist the Company in improving our impact on responsible animal utilization, including evaluating and advising scientific and technological opportunities which may appropriately reduce the impact of animals in the Company's operations. Additionally, in March 2024 we published our first annual report to shareholders on the measures the Company takes to reinforce confidence that the NHPs we import are sourced in accordance with applicable laws.

Human Capital Resources

Employees

As of December 28, 2024, we had approximately 20,100 employees (including approximately 2,550 science professionals with advanced degrees, including Ph.D.s, D.V.M.s and M.D.s). Approximately 18,600 of our employees are considered full-time employees, while approximately 1,400 are considered part-time employees. Our workforce was distributed geographically approximately as follows: 61% in North America, 32% in Europe, 5% in Asia, and 2% in other regions.

Part of the decisive action we have and continue to implement to manage the Company through the current demand environment includes restructuring initiatives to manage costs and generate efficiency by reducing staffing levels to align with the pace of demand. We have reduced our total headcount by approximately 8% since the end of 2023. It is imperative in this environment to keep our staff well utilized in order to protect operating income margin, which is our goal.

Our employees are not unionized in the U.S. Employees at some of our European facilities are represented by works councils, employee representative groups and/or unions, which is consistent with local customs for our industry. We collaborate with the works councils and believe we have good relationships with our employees.

Values

At Charles River, our values of Care, Lead, Own, and Collaborate guide our decisions and actions; they are standards we hold ourselves to each and every day and are critical to success in fulfilling our goals. In addition, our Charles River DNA are the behaviors based on these values that we use to make decisions, grow our future leaders, and pave the way for years ahead.

Talent Management, Belonging, and Engagement

Sustaining our company culture is a vital part of our strategy. Our culture is built on trust, belonging, accountability, respect, well-being, and safety. Our objective is to enable an environment where every colleague can connect with their work in a way that supports each other, our clients, and our communities. We strive to maintain an environment wherein every person has the ability to deliver on business commitments, while having purpose, being energized, continuously learning, and delivering quality outcomes that make a difference. As a global organization, our growth and development depend on hiring, engaging, and retaining a skilled and global workforce in a highly competitive marketplace. In fiscal 2024, we hired over 2,200 people and our voluntary turnover for all employees was approximately 11.1%.

We pride ourselves on supporting our people both professionally and personally throughout their employee experience with us. In order to attract the best candidate for each position, we prioritize widescale recruitment efforts to attract a larger pool of applicants from a variety of backgrounds. Our hiring process is designed to ensure fair and objective decisions lead to the most qualified candidate being hired. We strive to make our hiring practices accessible, including offering reasonable accommodations as appropriate.

Beginning with our onboarding program, our talent management approach is structured to be highly collaborative, encourage ownership, and provide the opportunity to contribute and develop through regular performance conversations, annual goal setting, and ongoing feedback. Furthermore, we have created a global learning strategy that includes technical training, mentoring and coaching approaches, tuition reimbursement, sabbaticals, leadership development programs, and on-the-job training to ensure access to skill building and career advancement for all. We conduct regular talent reviews to identify and develop global leadership and key talent pipelines to deliver on short-term and long-term business strategy.

We are also committed to cultivating a welcoming environment where every employee can succeed and thrive. We believe in treating our employees and prospective talent with fairness, dignity, decency, and respect. We recognize that our differences contribute to a more innovative workforce and are a strength for our business. It is critical that our people feel valued, supported, and that we provide opportunities for all.

Our engagement surveys are in the form of frequent, shorter “Pulse” surveys. These Pulse surveys were issued twice during 2024 and serve as a foundation for more meaningful conversations and actions between our people and people leaders to continue making Charles River a best place to work, learn, and grow.

In addition to growth and learning opportunities, we strive to attract, motivate, and retain top talent by providing competitive compensation programs while rewarding outcomes and behaviors that align with our performance, culture, and values. We perform pay equity audits in countries where they are legally required. Our global job architecture generally allows for aligning pay by job role with market rates and serves as a career path tool to support advancement. Additionally, we assess pay on a global scale to ensure we continue to be competitive in the marketplace.

Health and Safety

We are committed to creating a healthy and safe workplace for our employees and visitors to our facilities. This commitment is outlined in our Global Policy on Safety & Sustainability where we define the company’s approach to embedding safety and sustainability into our company’s purpose. Our EHS&S Global Operating Framework (GOF) is the foundation of our management system approach to incorporating health and safety into our business practices. These programs are supported by site health and safety leaders who engage employees and management to reinforce the importance of ownership of the programs and integration of these practices into our work each day. In 2022 we launched a Safety-First Culture initiative to reinforce that every person working for and on behalf of Charles River recognizes the importance of working safely as their first directive. The underpinning of this initiative was delivering safety culture training to all levels of leadership across the organization. As of 2024, we have conducted safety culture training and workshops to the executive leadership team, site general managers and all people leaders. In 2023 we initiated a formal Environment, Health, Safety and Sustainability Assessment program conducting 17 site assessments in the inaugural year of the program. In 2024 we have continued our safety-first culture journey by requiring all operational people leaders to include a health and safety goal as part of their annual performance, conducted 23 additional site program assessments and provided quarterly updates to business leadership on injury data analysis, trends to track performance against goals, and opportunities to invest in impactful safety improvements.

Backlog

Our backlog for our RMS, DSA and Manufacturing reportable segments was approximately \$685 million, \$2.0 billion and \$103 million, respectively, as of December 28, 2024, as compared to \$489 million, \$2.5 billion and \$143 million, respectively, as of December 30, 2023. Related services are performed over varying durations, from short to extended periods of time, which may be as long as several years. We maintain an order backlog to track anticipated revenue from studies and projects that either have not started, but are anticipated to begin in the near future, or are in process and have not been completed. We only recognize a study or project in backlog after we have received written evidence of a client’s intention to proceed. Canceled studies or projects are removed from backlog.

We believe our aggregate backlog as of any date is not necessarily a meaningful indicator of our future results for a variety of reasons. First, studies vary in duration (i.e., some studies or projects that are included in December 28, 2024 backlog may be completed in 2025, while others may be completed in later years). Second, the scope of studies or projects may change, which may either increase or decrease their value. Third, studies or projects included in backlog may be subject to bonus or penalty payments. Fourth, studies or projects may be terminated or delayed at any time by the client or regulatory authorities for a number of reasons, including the failure of a drug to satisfy safety and efficacy requirements, or a sponsor making a strategic decision that a study or service is no longer necessary. Delayed contracts remain in our backlog until a determination of whether to continue, modify or cancel the study has been made. We may not be able to realize all or most of the net revenues included in backlog or estimate the portion to be filled in the current year. Refer to Item 1A, “Risk Factors” and Item 7, “Management’s Discussion and Analysis of Financial Condition and Results of Operations” disclosed herein for our assessment of certain relevant risk factors.

Regulatory Matters

As our business operates in many distinct regional environments and in a variety of locations worldwide, we are subject to numerous, and sometimes overlapping, regulatory requirements.

The Animal Welfare Act (AWA) governs the care and use of animals used for research in the U.S. other than laboratory rats, mice and fish bred for use in research. As a result, most of our U.S. small animal research model operations are not subject to regulation under the AWA. For regulated species, the AWA requires producers and those working with regulated species to provide veterinary care and to follow specific husbandry practices such as cage size, shipping conditions, sanitation and

environmental enrichment to ensure the welfare of these animals. Separately, facilities using live vertebrate animals in research funded by the U.S. Public Health Service (PHS) must also adhere to the PHS Policy on Humane Care and Use of Laboratory Animals and follow “The Guide for the Care and Use of Laboratory Animals” approved by the Board of the National Research Council.

We comply with licensing and registration requirement standards set by the USDA and U.S. Fish and Wildlife Service (USFWS), and similar applicable agencies in other global regions such as Canada, Europe and China for the care, handling and oversight of regulated species. Our DSA and RMS facilities that work with or produce research animals in North America and Europe are accredited, with the exception of new and recently acquired facilities that are in the process of planning for accreditation, by AAALAC International, a private, nonprofit, independent accrediting organization that promotes the humane care and treatment of animals in science and education through voluntary accreditation and assessment programs.

Our import and export of animals and our operations in foreign countries are subject to applicable international agreements and conventions, as well as a variety of national, regional and local laws and regulations, which establish the standards for the humane treatment, care, handling and transport of animals by dealers and research facilities. We only use accredited and experienced transporters for importing and exporting animals who are specialists in their field. We comply with global requirements which are evaluated by import and export authorities at each point of exit and entry. Imported animals are quarantined in our quarantine facilities as required by government agencies and tested to ensure they meet both the government mandates and our own specifications for pathogens and health of the animals.

We conduct non-clinical safety assessment studies to support the submissions for approval or licensing of our clients’ products throughout the world. Many of these studies must comply with national statutory or regulatory requirements for GLP. GLP regulations describe a quality system for the scientific, operational and quality process and the conditions under which non-clinical studies are planned, performed, monitored, recorded, reported and archived. GLP compliance is required by such regulatory agencies as the FDA, European Medicines Agency, Medicines and Healthcare Products Regulatory Agency in the United Kingdom (U.K.), Health Products Regulatory Authority in Ireland, Health Canada and other similar monitoring authorities in the countries where we operate. GLP requirements are significantly harmonized throughout the world and our laboratories are capable of conducting studies in compliance with all applicable requirements.

Regulatory monitoring authorities such as the FDA, Medicines and Healthcare Products Regulatory Agency and OECD countries have indicated an increased emphasis on the management of electronic records and signatures generated by computerized systems to ensure data integrity. We have established corporate data integrity governance to manage regulatory requirements and client expectations regarding data quality within our regulated businesses. Although each business has a different impact on patient safety, all are expected to generate and preserve data with integrity. We recognize the importance of generating quality, reliable, sustainable data and have instituted several processes and established a global governance team with oversight responsibilities for our Data Integrity Compliance Plans to ensure we are consistent in our approach. To ensure that we have proper regulatory oversight over our electronic records, a dedicated quality function reviews our computerized system practices to ensure that appropriate record controls are in place and that a robust audit strategy confirms requirements are met for compliance.

At a global level, retention of data and controls for electronic systems, proprietary data and quality standards are covered by global policies. We also have controls in place such as quality manuals, policies and procedures, work instructions, document control processes, training, quality assurance and quality control processes and personnel, validated computerized systems and archiving requirements. Within businesses, procedures govern performance of activities to ensure data integrity throughout its life cycle.

Our Manufacturing businesses produce FDA regulated endotoxin test kits at an FDA registered facility. We also manufacture sterility and microbial limits test kits used in FDA Regulated pharmaceutical applications, reagents, cell banks used in research and biopharmaceutical production, clinical trial vaccines and vaccine support products as well as an animal-free recombinant cascade reagent (rCR), Endosafe® Trillium®, which is an alternative to the natural LAL product. Additionally, several of our laboratories conduct biosafety and analytical testing such as identity, stability, sterility and potency and viral clearance testing in support of our clients’ manufacturing programs and to fulfill their validation requirements, as applicable.

Our comprehensive cell and gene therapy manufacturing services include Good Manufacturing Practices (GMP) production of cells from pre-clinical to commercial applications from a variety of starting materials. Many of these activities are subject to regulation and consequently require these businesses to be inspected by the FDA and other national and applicable state regulatory agencies under their respective cGMP regulations. These regulations require that we manufacture products or perform testing in a prescribed manner with respect to cGMP compliance, and maintain records of our manufacturing, testing and control activities. In addition, the specific activities of some of our businesses require us to hold specialized licenses and registrations for the manufacture, distribution and/or marketing of particular products globally.

Our Cell Solutions sites provide the starting material (*e.g.*, leukopak) to customers that are typically in cell and gene therapy companies. Leukopaks are collected from eligible donors in compliance with applicable regulatory requirements. Donors consent using informed consent forms approved by an external Institutional Review Board (IRB). Collections are performed under the supervision of licensed clinical staff and collections are managed in accordance with IRB-approved study protocols.

All of our sites are subject to registration, licensing and regulation, as appropriate under international treaties and conventions, including national, regional and local laws relating to:

- the surface and air transportation of chemicals, biological reagents and laboratory specimens;
- the handling, use, storage and disposal of chemicals (including narcotics and psychotropic drugs), biological reagents, laboratory specimens, hazardous waste and radioactive materials;
- the procurement, handling, use, storage and disposal of human cells, tissues and cellular and tissue-based products for research purposes;
- the safety and health of employees and visitors to our facilities; and
- protection of the environment and general public.

Our global regulatory compliance programs are managed by global quality systems, such as vendor supplier programs, enterprise quality management systems and global computer system validation. Within each regulated business, we have established Quality Assurance Units (QAUs) responsible for risk based internal audit programs to manage regulatory requirements and client expectations. The QAUs operate independently from those individuals that direct and conduct studies, manufacturing or analytical testing. Our Data Integrity Compliance Program ensures that senior management and the QAU's have proper oversight of our electronic records, inclusive of quality function reviews of our computerized system practices to ensure that appropriate record controls are in place and that a robust audit strategy confirms requirements for compliance.

While we expect that capital expenditures will be necessary to ensure that our existing sites remains in compliance with all applicable regulations, at this point we do not expect these expenditures to materially differ than our historical experience.

Intellectual Property

We develop and implement scientifically-driven products and procedures, including computer software, to maximize the quality and effectiveness of our offerings. Intellectual property rights, in the form of know-how, trade secrets, patents, trademarks, copyrights, and others are important to us and are valuable to our ability to provide significant benefits to our clients. Steps are taken to protect our intellectual property rights and include the execution of confidentiality agreements and securing registrations in relevant jurisdictions. In addition, we license technology from other companies when it enhances our product and services businesses. Licensing has recently become a larger company-wide initiative, particularly as we increase our focus on innovative technologies that further diversify and enhance our portfolio.

Corporate Governance

We are committed to operating our business with integrity and accountability. We strive to meet or exceed all of the corporate governance standards established by the NYSE, the SEC and the U.S. Federal government as implemented by the Sarbanes-Oxley Act of 2002, the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 and other applicable laws, rules and regulations. Ten of the eleven members of our Board of Directors are independent and have no significant financial, business or personal ties to us or management. Our Audit Committee, Compensation Committee, and Corporate Governance and Nominating Committee of our Board of Directors are each composed entirely of independent directors. The Board adheres to our Corporate Governance Guidelines and a Code of Business Conduct and Ethics that has been communicated to employees and posted on our website. We are diligent in complying with established accounting principles and are committed to providing financial information that is transparent, timely and accurate. We have a Related Person Transactions Policy designed to promote the timely identification of such transactions and to ensure we give appropriate consideration to any real or perceived conflicts in our commercial arrangements. We have an established global process through which employees, either directly or anonymously, can notify management (and the Audit Committee of the Board of Directors) of alleged accounting and auditing concerns or violations including fraud. Our internal Disclosure Committee meets regularly and operates pursuant to formal disclosure procedures and guidelines to help ensure that our public disclosures, including our periodic reports filed with the SEC, earnings releases and other written information that we disclose to the investment community are complete, accurate and timely. We continually monitor developments in the law and stock exchange regulations, as well as overall corporate governance trends and intend to adopt new procedures consistent with such developments to the extent applicable to and appropriate for our Company. Copies of our Corporate Governance Guidelines, Code of Business Conduct and Ethics and Related Person Transactions Policy are available on our website at <http://ir.criver.com> under the "Investor Relations - Corporate Governance" caption.

Information about Our Executive Officers

Below are the names, ages and principal occupations of each of our current executive officers. All such persons have been elected to serve until their successors are elected and qualified or until their earlier resignation or removal.

James C. Foster, age 74, joined us in 1976 as General Counsel. During his tenure, Mr. Foster has held various staff and managerial positions, and was named Chief Executive Officer and President in 1992 and our Chairman in 2000.

Victoria Creamer, age 55, joined us in January 2019 as Senior Vice President, Chief People Officer. In October 2020, Ms. Creamer was promoted to Corporate Executive Vice President. Prior to joining the Company, from 2015 to December 2018, Ms. Creamer served as Senior Vice President, Human Resources and Communications for ITT, Inc., a manufacturing company, where she was responsible for providing vision, leadership and execution of the company's people and communications strategies.

Birgit Girshick, age 55, joined us in 1989 and originally held positions of increasing responsibility in our RMS Germany and RMS Avian Vaccine businesses. In 2004, Ms. Girshick was promoted to General Manager of the RMS Avian Vaccine Services business. She was named Executive Director, RMS Process Improvement in 2009, and Corporate Vice President, Global Biopharmaceutical Services in 2010. In 2013, Ms. Girshick was promoted to Corporate Senior Vice President, Research Models and Biologics Testing Solutions. In 2016, Ms. Girshick was tasked with leading the integration of WIL Research into our then Safety Assessment business. Also, in 2016, Ms. Girshick assumed the role of Corporate Senior Vice President, Global Discovery Services. In February 2018, Ms. Girshick was appointed Corporate Executive Vice President, Global Discovery and Safety Assessment and in August 2018, additionally took on responsibility for our Biologics Solutions and Avian Vaccine Services business. In November 2021, Ms. Girshick was promoted to Chief Operating Officer of the Company, adding the Research Models and Services, Microbial Solutions and CDMO businesses as well as the Global Information Technologies group to her responsibilities. Since 2023, Ms. Girshick also has general oversight of the Corporate Sales and Marketing team and our Corporate and External Affairs function.

Joseph W. LaPlume, age 51, joined us in 2005 as Senior Corporate Counsel. He became Deputy General Counsel in 2010, Vice President, Corporate Development in 2011, Senior Vice President in 2014 and Corporate Executive Vice President, Corporate Development and Strategy in January 2019. In his current role, he oversees all aspects of strategic planning and corporate development activities across business segments and geographies. Prior to joining us, Mr. LaPlume was a corporate lawyer at GTECH Corporation and in private practice at the law firms of Mintz Levin and Goulston & Storrs.

Shannon Parisotto, age 51, joined us in 2000 in our Nevada operation. Ms. Parisotto progressed through a number of finance management positions of increasing responsibility, and in 2010, was promoted to Corporate Vice President, Preclinical Services, Finance. In this role, Ms. Parisotto was responsible for the financial operations of the global Preclinical Services business. Beginning in 2011, Ms. Parisotto's role was expanded to include additional business segments, and in 2015, she was promoted to the newly created position of Corporate Senior Vice President & Controller, Global Operations, where she worked collaboratively with Charles River's business units to develop and implement business strategies. In 2020, Ms. Parisotto was promoted to Corporate Senior Vice President, Global Safety Assessment, where she was responsible for leading the Company's global Safety Assessment organization, and positioning the business for continued, long-term growth and success. In October 2022, Ms. Parisotto was promoted to Corporate Executive Vice President, and assumed the additional oversight of our then Discovery Services business to lead its strategic vision and operational growth, as well as enhance the synergies between the businesses and with clients across the global DSA segment. Ms. Parisotto holds a B.S. in Accounting from the University of Nevada, Reno, an M.B.A. from the University of Phoenix, and is a Certified Public Accountant.

Flavia Pease, age 52, joined us in 2022 as Corporate Executive Vice President and Chief Financial Officer. Prior to joining Charles River, Ms. Pease served as Vice President and Group Chief Financial Officer of Johnson & Johnson's global Medical Devices businesses since 2019. During her more than twenty-year tenure at Johnson & Johnson, Ms. Pease served as Vice President, Finance for Janssen North America from 2016 to 2019; Vice President of the Enterprise Program Management Office from 2014 to 2016; Vice President of Finance for Janssen Supply Chain from 2012 to 2014; and a Vice President of Finance, leading the integration of the Mentor and Acclarent acquisitions from 2009 to 2012. Ms. Pease began her career at Johnson & Johnson in 1998 with the LifeScan business and subsequently held finance leadership positions within Mergers and Acquisitions Analysis and Johnson & Johnson Medical Brazil.

Item 1A. Risk Factors

Set forth below, elsewhere in this Form 10-K, and in other documents we file with the SEC are risks and uncertainties that could cause actual results to differ materially from the results contemplated by the forward-looking statements contained in this Form 10-K. We note that factors set forth below, individually or in the aggregate, as well as additional risks and uncertainties either not presently known or that are currently believed to not be material to the business, may cause our actual results to differ materially from expected and historical results. You should understand that it is not possible to predict or identify all such factors. Consequently, you should not consider the following to be a complete discussion of all potential risks or uncertainties

and the risks described below should be carefully considered together with the other information set forth in this report and in future documents we file with the SEC.

Risk Factor Summary

As noted above, we are subject to a number of risks that if realized could cause actual results to differ materially from the results contemplated herein. Some of the more significant risks and uncertainties we face include those summarized below. The summary below is not exhaustive and is qualified by reference to the full set of risk factors set forth in this "Risk Factors" section. Please carefully consider all of the information in this Form 10-K, including the full set of risks set forth in this "Risk Factors" section, and in our other filings with the SEC before making an investment decision regarding Charles River.

Business and Operational Risks

- We bear financial risk for contracts that may be terminated or reduced in scope, underpriced, subject to cost overruns or delays.
- Upgrading and integrating our business systems could result in implementation issues and business disruptions.
- We have in the past experienced and in the future could experience unauthorized access into our information systems.
- If we are not successful in executing our business strategy, including our failure in selecting and integrating the businesses and technologies we acquire, or in managing our current and future site closures and divestitures, our business may be adversely impacted.
- If we are not successful in realizing cost savings from our restructuring initiatives, our business may be adversely impacted.
- Our business is subject to risks relating to operating internationally, including changes in foreign currency exchange rates.
- Our operations might be affected by the occurrence of a natural disaster or other catastrophic event.
- Negative attention from special interest groups may impair our business.

Industry Risk Factors

- Several of our product and service offerings, including our non-human primate supply, are dependent on a limited source of supply that, when interrupted, adversely affects our business.
- Demand volatility, risk of credit losses, or a reduction or delay in government funding of R&D may adversely affect our business.
- Changes in government regulation or in practices relating to the pharmaceutical or biotechnology industries, including potential healthcare reform, could decrease the need for the services we provide.
- Contract development and manufacturing services create a risk of liability, including risk that our products will not gain market acceptance and risk of failure to provide quality and timely service to customers.
- Contaminations in our animal populations can damage our inventory, harm our reputation for contaminant-free production, result in decreased sales and cause us to incur additional costs.
- The outsourcing trend in non-clinical and clinical stages of drug discovery and development may decrease, which could impair our growth.
- The industries in which we operate are highly competitive.
- New technologies may be developed, validated and increasingly used in biomedical research, which could reduce demand for some of our products and services.
- We may not be able to successfully develop and market new services and products.
- Costs increasing more rapidly than market prices could reduce profitability.

Legal and Regulatory Risk Factors

- Any failure by us to comply with applicable regulations and related guidance could harm our reputation and operating results, and compliance with new regulations and guidance may result in additional costs.
- Failure to comply with applicable data privacy and security laws in various jurisdictions could subject us to denial of the right to conduct business, fines, criminal penalties and/or other enforcement actions that could have a material adverse effect on our business.

- Failure to comply with U.S., state, local or international environmental, health, safety and sustainability laws and regulations could result in fines and penalties and loss of licensure and have a material adverse effect upon the Company's business.
- Changes in U.S. and International Tax Law, results of tax audits, or material changes in our stock price could have a material adverse impact on our effective tax rate and financial results.
- Non-clinical and clinical contract research services create a risk of liability.
- The failure to successfully obtain, maintain and enforce intellectual property rights and defend against assertions of third parties to intellectual property rights could adversely affect us.
- Our by-laws designate the state courts located in the State of Delaware as the sole and exclusive forum for certain actions, which could limit a stockholder's ability to bring a claim in a judicial forum that it finds favorable and may discourage lawsuits with respect to certain claims.
- We are involved in legal proceedings that could adversely affect our business, financial condition, and results of operations.

Labor and Employment Risk Factors

- We depend on key personnel and may not be able to retain these employees, which would harm our business.
- If we are unable to attract, hire or retain key team members or a highly skilled global workforce, it could have a negative impact on our business, financial condition or results of operations.
- We depend on the availability of, and good relations with, our team members.

Financial and Accounting Risk Factors

- Our debt level could adversely affect our business and growth prospects.
- Impairment of goodwill or other intangible assets may adversely impact future results of operations.

General Risk Factors

- Since we do not expect to pay any cash dividends for the foreseeable future, our shareholders will benefit from an investment in our common stock only if it appreciates in value.
- Our quarterly operating results may vary, which could negatively affect the market price of our common stock.
- Increasing focus on environmental, social and governance matters may impact our business, financial results or stock price.

Risk Factors

Business and Operational Risks

We bear financial risk for contracts that may be terminated or reduced in scope, underpriced, subject to cost overruns or delays.

Many of our agreements, including those which underlie our strategic relationships with some of our more significant clients, allow for termination or reduction in scope with little or no notice. In addition, we sell our products and services to our competitors, and similarly they sell products and services to us. For instance, we have historically entered into, and currently are party to, contracts with certain of our competitors to distribute specialty research models in locations where our competitors may not have distribution capabilities.

Our counterparties (including our clients who are competitors) may elect to terminate their agreements with us for various reasons including: the invocation of force majeure clauses, or the legal doctrines of impossibility or impracticability, or other similar legal doctrines; the products being tested fail to satisfy safety requirements; unexpected or undesired study results; production problems resulting in shortages of the drug being tested; a client's decision to forego or terminate a particular study; our competitors' establishment of alternative distribution channels; dissatisfaction with our performance under the agreement; the loss of funding for the particular research study; or general convenience/counterparty preference. If a counterparty terminates a contract with us, we are typically entitled under the terms of the contract to receive revenue earned to date as well as certain other costs and, in some cases, termination fees; however, in many cases we are not entitled to any termination fees in the event of a termination. Cancellation of a large contract or proximate delay, cancellation or conclusion of multiple contracts could materially adversely affect our business and, therefore, may adversely affect our operating results.

Furthermore, many of our contracts provide for services on a fixed price or fee-for-service with a cap basis and, accordingly, we bear the financial risk if we initially underprice our contracts or otherwise overrun our cost estimates. Such underpricing or significant cost overruns could have an adverse effect on our business, results of operations, financial condition and cash flows.

Upgrading and integrating our business systems could result in implementation issues and business disruptions.

In recent years, we have been updating and consolidating platforms and automating processes in many parts of our business with a variety of systems, including in connection with the integration of acquired businesses. Continued expansion and ongoing implementation of operational systems may occur at a future date based on value to the business. In general, the process of planning and preparing for these types of integrated, wide-scale implementations is extremely complex and we are required to address a number of challenges, including information security assessment and remediation, regulatory requirements, data conversion, associated regulatory compliance, network and system cutover, user training, data residency, high availability, disaster recovery, latency, backups, archiving, cloud offerings, and integration with existing processes or systems. As we build out IT infrastructure to support regulatory requirements for applications and data systems, we are doing so utilizing contemporary validation practices. As with all work conducted in our regulatory sites, these too are subject to government inspections. Incongruities in any of these areas could cause operational problems during implementation including inconsistent practices, delayed report and/or data shipments, missed sales, animal management/welfare issues, data loss issues that require re-doing certain studies, personally identifiable information and data privacy issues, billing errors and accounting errors.

We have in the past experienced and in the future could experience unauthorized access into our information systems.

We operate large and complex information systems that contain significant amounts of client data. As a routine element of our business, we collect, analyze and retain substantial amounts of data pertaining to the non-clinical studies we conduct for our clients. Unauthorized third parties could attempt to gain entry to such information systems to steal data or disrupt the systems or for financial gain. Like other companies, we have on occasion experienced, and will continue to experience, threats and incursions to our data and systems, including malicious software and viruses, phishing, business email compromise and social engineering attacks, network intrusions, or other cyber-attacks. The number and complexity of these threats continue to increase over time. These threats also may be further enhanced in frequency or effectiveness through threat actors' use of artificial intelligence technologies, which are becoming more widely adopted and increasingly sophisticated.

As of the date of this filing, to our knowledge, we have not experienced an information security breach or material cybersecurity incident since an event in 2019. While we have implemented additional security safeguards since that event and continue to enhance existing safeguards, such efforts may not be successful, in which case we could suffer significant harm.

Further, we are at risk of being targeted, and we have in the past been victim to, business email compromise fraud, which results in payments being made to illegitimate bank accounts. Although these instances have not resulted in our incurring material losses, if similar instances occur in the future, we may incur such losses.

Our contracts with our clients typically contain provisions that require us to keep confidential the information generated from the studies we conduct. In the event the confidentiality of such information is compromised, whether by unauthorized access or other breaches, we could be exposed to significant harm, including termination of customer contracts, damage to our customer relationships, damage to our reputation and potential legal claims from customers, employees and other parties. In addition, we may face investigations by government regulators and agencies as a result of a breach.

Additionally, the rapid ongoing evolution and increased adoption of emerging technologies such as artificial intelligence and machine learning may make it more difficult to anticipate and implement protective measures to recognize, detect, and prevent the occurrence of any of the cyber events described above.

For information regarding our processes and practices related to information and cybersecurity, please see Section 1C of this report, "Cybersecurity".

If we are not successful in selecting and integrating the businesses and technologies we acquire or partner with, or if we do not manage our current and future site closures and divestitures, our business may be adversely impacted.

During the last two decades, we have steadily expanded our business through numerous acquisitions and partnerships. However, businesses and technologies may not be available on terms and conditions we find acceptable. We risk spending time and money investigating and negotiating with potential acquisition or alliance partners, but not completing transactions.

Acquisitions and alliances involve numerous risks which may include:

- difficulties in achieving business and financial success (due to unplanned events such as ongoing geopolitical conflicts, such as between the Russian Federation and Ukraine, and between Israel and Hamas, as well as the US-China relationship which could potentially influence sourcing patterns and tariff costs);

- difficulties and expenses incurred in assimilating and integrating operations, services, products, information technology platforms, technologies or pre-existing relationships with our clients, distributors and suppliers;
- challenges with developing and operating new businesses, including those that are materially different from our existing businesses, which may require the development or acquisition of new internal capabilities and expertise;
- potential losses resulting from operational weaknesses or undiscovered liabilities of acquired companies that are not covered by the indemnifications we may obtain from sellers or any insurance we may acquire in connection with transactions;
- loss of key employees;
- loss of key customers;
- the presence or absence of adequate internal controls and/or significant fraud in the financial systems of acquired companies;
- diversion of management’s attention from other business concerns;
- a more expansive regulatory environment;
- dilution to earnings, or in the event of acquisitions made through the issuance of our common stock to the shareholders of the acquired company, dilution to the percentage of ownership of our existing shareholders;
- differences in foreign business practices, customs and importation regulations, language and other cultural barriers in connection with the acquisition of foreign companies;
- new technologies and products may be developed that cause businesses or assets we acquire to become less valuable; and
- disagreements or disputes with prior owners of an acquired business, technology, service or product that may result in legal settlements, litigation expenses and diversion of our management’s attention.

Acquisitions or alliances realizing these risks could increase the likelihood of our results of operations being adversely affected. Some of the same risks exist when we decide to close or sell a business, site, product line or service offering. We continually evaluate the performance and strategic fit of our business and the sites in which they operate to determine whether a site closure or divestiture is appropriate. Such actions could involve additional risks, other than those listed above, including: difficulties in the separation of operations, services, products, and personnel, the need to agree to retain or assume certain current or future liabilities in order to complete the divestitures or site closures, as well as write-offs, including those related to goodwill and other intangible assets and which could have an adverse effect on our results of operations and financial condition. In addition, we may encounter in closing or difficulty in finding buyers or alternative exit strategies at acceptable prices and terms, and in a timely manner. We may not be successful in managing these or any other significant risks that we encounter in divesting a business, site or product line or service offering and, as a result, we may not achieve some or all of the expected benefits of the divestitures.

Failure to execute our business strategy could adversely impact our growth and profitability.

Our strategy is to deliver a comprehensive and integrated portfolio of drug discovery and non-clinical development products, services and solutions to support our clients’ discovery and early-stage drug research, process development, scale up and manufacturing efforts, and enable them to bring new and improved therapies to market faster and more cost effectively. Separately, through our various Manufacturing segment businesses, we aim to be the premier provider of products and services that ensure our clients produce and release their products safely. If we are unable to successfully execute on this strategy, this could negatively impact our future results of operations and market capitalization.

Any decline or lower than expected growth in our served markets could diminish demand for our products and services, which would adversely affect our results of operations and financial condition. In 2024, we experienced such a lower-than-expected demand growth in a number of businesses, including the businesses that comprise our DSA reporting segment. To address this issue generally, we typically pursue a number of strategies designed to improve our internal growth, including strengthening our presence in selected geographic markets through organic growth and strategic acquisitions and expanding our service offerings. In addition, we have implemented a number of restructuring actions, including to optimize our global operational footprint and reduce staffing levels, and other initiatives to drive operating efficiencies to help offset the lower-than-expected demand growth and protect the operating margin. We may not be able to successfully implement these strategies, and these strategies may not result in the expected growth or improved profitability of our business.

Furthermore, our strategy assumes a certain degree of capital and capacity growth development. Factors such as insufficient capital, inflation, supply chain interruptions, inadequate forecasting, increases in construction material costs, or labor shortages

could interfere with the successful execution of our strategy and our ability to timely build infrastructure to satisfy capacity needs and support business growth. For additional discussion of our business strategy, please see the section above entitled “Our Strategy.”

Failure to successfully realize cost savings from our restructuring initiatives would adversely impact our growth and profitability.

As discussed in the section above entitled “Our Strategy,” we are taking decisive action to manage the Company through the current demand environment, including appropriately right-sizing our infrastructure, optimizing operations, and driving efficiency with a goal to protect operating margin. We are committed to initiatives to generate more revenue, contain costs, and protect shareholder value through enhanced commercial initiatives, restructuring and efficiency actions to drive cost savings, as well as a balanced approach to capital deployment; these initiatives include reducing staffing levels to align with the pace of demand and site closures. While we drive these initiatives to result in significant profit opportunities and savings throughout our organization, our estimated profits and savings are based on assumptions that may prove to be inaccurate, and as a result, there can be no assurance that we will realize these profits and cost savings or that, if realized, these profits and cost savings will be sustained. Failure to achieve or delays in achieving projected levels of efficiencies and cost savings from such measures, or unanticipated inefficiencies resulting from manufacturing and administrative reorganization actions in progress or contemplated, could adversely affect our business, financial condition, results of operations and cash flows and harm our reputation.

Our business is subject to risks relating to operating internationally, including changes in foreign currency exchange rates.

A significant part of our revenue is derived from operations outside the U.S. We expect that international revenue will continue to account for a significant percentage of our total revenue for the foreseeable future.

Changes in foreign currency exchange rates could materially adversely impact our results. Foreign currencies we receive for sales and in which we record expenses outside the U.S. could be subject to unfavorable exchange rates with the U.S. dollar, resulting in a reduction in the amount of revenue and cash flow (and an increase in the amount of expenses) that we recognize and causing fluctuations in reported financial results. We also carry foreign currency exposure associated with differences between where we conduct business. For example, certain contracts are frequently denominated in currencies other than the currency in which we incur expenses related to those contracts. Where expenses are incurred in currencies other than those in which contracts are priced, fluctuations in the relative value of those currencies could have a material adverse effect on our results of operations.

Our exposure to currency exchange rate fluctuations results from the currency translation exposure associated with the preparation of our consolidated financial statements, as well as from the exposure associated with transactions of our subsidiaries that are denominated in a currency other than the respective subsidiary’s functional currency. While our financial results are reported in U.S. Dollars, the financial statements of many of our subsidiaries outside the U.S. are prepared using the local currency as the functional currency. During consolidation, these results are translated into U.S. Dollars by applying appropriate exchange rates. As a result, fluctuations in the exchange rate of the U.S. Dollar relative to the local currencies in which our foreign subsidiaries report could cause significant fluctuations in our reported results. Moreover, as exchange rates vary, revenue and other operating results may differ materially from our expectations. Adjustments resulting from financial statement translations are included as a separate component of shareholders’ equity.

Other risks associated with our international business include:

- general economic and political conditions in the markets in which we operate;
- potentially negative consequences from changes in U.S. and/or foreign laws, including changes that may bar us from engaging in business transactions with certain clients, and changes in tax laws, or interpretations and enforcement thereof, notably tax regulations issued and to-be-issued with respect to the potential adoption of global minimum taxation requirements and potential changes to existing tax law by the current U.S. Presidential administration and Congress;
- ongoing uncertainties as a result of instability or changes in geopolitical conditions, including terrorist acts or military or political conflicts, such as those caused by the ongoing conflicts between Russia and Ukraine or Israel and Hamas (the potential escalation or geographic expansion of which could heighten other risks identified in this report);
- exchange controls, adverse tax consequences and legal restrictions on the repatriation of funds into the U.S.;
- difficulties and costs associated with staffing and managing foreign operations, including risks of work stoppages and/or strikes, as well as violations of local laws or anti-bribery laws such as the U.S. Foreign Corrupt Practices Act (FCPA), the U.K. Bribery Act and the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions;

- unexpected changes in regulatory requirements;
- the difficulties of compliance with a wide variety of foreign laws and regulations;
- unfavorable labor regulations in foreign jurisdictions;
- tariff regulations;
- longer accounts receivable cycles in certain foreign countries;
- potentially reduced protection of our intellectual property rights in certain foreign countries; and
- compliance with export controls, import requirements and other trade regulations, including those relating to certain products of which there is limited supply.

These risks, individually or in the aggregate, could have an adverse effect on our results of operations and financial condition. For example, as mentioned above, we are subject to compliance with the FCPA, which prohibits companies and their third-party intermediaries from offering or making improper payments to foreign government officials for the purpose of obtaining or retaining business. Likewise, we are also subject to other international anti-bribery laws such as the UK Bribery Act which prohibit companies and their third-party intermediaries from offering or making improper payments to commercial parties. While our employees and third-party intermediaries are required to comply with these laws, we cannot be sure that our internal policies and procedures will always protect us from violations of these laws despite our commitment to legal compliance and corporate ethics. The occurrence or allegation of these types of risks may adversely affect our business, performance, prospects, value, financial condition and results of operations.

Our operations might be affected by the occurrence of a natural disaster or other catastrophic event.

We depend on our customers continued demand and solvency at our facilities for the continued operation of our business. While we maintain disaster recovery plans, they might not adequately protect us. Despite any precautions we take for natural disasters or other catastrophic events, these events, including terrorist attack, a pandemic, epidemic or outbreak of a disease, geopolitical conflict, information system disruption, hurricanes, tornadoes, fire, wildfire, floods and ice and snow storms, could result in damage to and closure of our or our customers' facilities or the infrastructure on which such facilities rely. Such disruptions could include significant delays in the shipments of our products, reduce our capacity to provide services, adversely impact unique manufacturing capabilities, result in our customers' inability to pay for our products or services and, ultimately, result in the loss of revenue and clients. Although we carry business interruption insurance and typically have provisions in our contracts that protect us in certain events, our coverage might not be adequate to compensate us for all losses that may occur. Any natural disaster or catastrophic event affecting us or our customers could have a significant negative impact on our operations and financial performance.

Negative attention from special interest groups may impair our business.

The products and services that we provide our clients are essential to the drug discovery, development and manufacturing processes, and a significant amount are mandated by law. Notwithstanding, certain special interest groups categorically object to the use of animals for valid research purposes. Historically, our core research model activities with rats, mice and other rodents have not been the subject of significant animal rights media attention. However, research activities involving animal models have been the subject of adverse attention, including shareholder proposals and attempts to disrupt carriers from transporting large research models and actions aimed at preventing expansion of operations. This has included periodic demonstrations near facilities operated by us and at our annual meetings, as well as shareholder proposals we received for some of our past Annual Meetings of Shareholders. In addition, these groups have on occasion petitioned to have certain species of research models (specifically NHPs) declared endangered by governmental and non-governmental organizations and have advocated for the governing bodies to the Convention on International Trade in Endangered Species of Wild Fauna and Flora to restrict the exportation of certain NHP species from specific countries. Furthermore, the habitat of certain animals used for research purposes may be located in or near certain environmentally protected areas or conservation areas. Activities conducted by us or any of our agents within these areas may be legally challenged and result in similar negative attention and action from environmental protection activists, including advocacy for the expansion of environmental restrictions applicable to such areas. Any negative attention, threats, acts of vandalism or legal action directed against our animal research or procurement activities (including species or research models), or our third-party service providers, such as our airline carriers or suppliers, or that restrict our or their ability to access protected or conservation areas, could impair our ability to operate our business efficiently.

Industry Risk Factors

Several of our product and service offerings, including our non-human primate supply, are dependent on a limited source of supply that, when interrupted, adversely affects our business.

We depend on a limited international source of supply for certain products, such as large research models, including NHPs. Disruptions to their continued supply from time to time arise from colony health problems (including as a result of the spread of diseases), export or import laws/restrictions or embargoes, tariffs, inflation, international trade regulations, foreign government or economic instability, severe weather conditions, increased competition among suppliers for models, disruptions to the air travel system, activist campaigns, commercial disputes, supplier insolvency, geopolitical disputes, or other ordinary course or unanticipated events. Any disruption of supply could materially harm our business if we cannot remove the disruption or are unable to secure an alternative or secondary supply source on comparable commercial terms.

As with other industry participants, certain of our activities rely on a sufficient supply of large research models, which has seen increasing demand as compared to supply in recent years due to a variety of factors. First, the surge of research relating to COVID-19 increased short-term demand. Second, China previously supplied a significant portion of certain critical large research models, which have been subject to geographic export restrictions applicable to many animal species since the beginning of the COVID-19 pandemic. And third, in concert with legal matters affecting the Cambodian supply of non-human primates, the non-human primate supply chain globally has recently experienced constriction. More broadly, in November 2022 the U.S. Department of Justice (DOJ) announced that a Cambodia supplier of non-human primates and two Cambodian officials had been criminally charged in connection with illegally importing non-human primates into the United States. While the Company was not named or referenced in the November 2022 proceedings, the Company shortly thereafter announced that Cambodia was the primary country of origin for non-human primates imports to Charles River, and that it had begun to operate under the expectation that for some time period supply of Cambodia-sourced non-human primates (which according to CDC statistics, at that time accounted for approximately 60% of supply to the United States) would be difficult to obtain in the United States. Subsequent to the Company's announcement, USFWS denied clearance to certain shipments of non-human primates the Company had received from Cambodia. And as noted in Item 3. "Legal Proceedings" in this Annual Report on Form 10-K, in February 2023 the Company received a grand jury subpoena requesting certain documents related to an investigation by the DOJ and the USFWS into the Company's conduct regarding several shipments of non-human primates from Cambodia, which is occurring in parallel to a civil investigation being undertaken by the DOJ and USFWS. Additionally, in May 2023, the Company received an inquiry from the Enforcement Division of the SEC requesting it to voluntarily provide information, subsequently augmented with a document subpoena and additional inquiries, primarily related to the sourcing of non-human primates and related disclosures. In connection with the civil investigation, the Company has voluntarily suspended planned future shipments of Cambodia non-human primates into the United States until such time that the Company and USFWS can agree upon and implement additional procedures to reasonably ensure that non-human primates imported to the United States from Cambodia are purpose-bred. Accordingly, the Company believes that for some undetermined period of time it will not be able to import Cambodia-sourced non-human primates into the United States, and overall supply of non-human primates from Cambodia on a world-wide basis is more limited than it was previously.

While we continue to take steps to find alternative supply channels (and other global sources) and lock in supply (both for non-human primates and with respect to other limited supply products) with preferred sources through multi-year and/or minimum commitment contracts as well as through acquisitions of suppliers, there are limited sources and such mitigating efforts may not prove successful at ensuring a steady and timely supply or may require (and in the past have required) us to pay significantly higher prices for such products during periods of global shortage or restrictions on the importation or the transportation of models products. Limited global supply or regional restrictions on importation, exportation, and/or transportation for certain products may require us to source products from non-preferred vendors, which may not be successful. In addition, reductions in global air transportation routes may result in sourcing alternative transportation at an increased cost. We also may be unable to obtain supply due to governmental restrictions or limitations, including (as noted above) non-human primates, such as prohibitions on the importation, exportation and/or transportation of non-human primates from certain geographies entirely. For instance, on February 4, 2025, the standing committee of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) decided to postpone review of proposed restrictions on the exportation of NHPs from Cambodia until a future CITES meeting, which is expected to occur in late 2025. Finally, from time to time, special interest groups may attempt to list certain large research models, including certain categories of NHPs, as "endangered" under the Endangered Species Act in the United States or similar statutes in other countries. In the event that certain NHPs are classified as endangered, our business could be negatively impacted. An inability to obtain a sufficient and timely supply of critical products could adversely affect our business, financial results and results of operations.

Portions of our Cell Solutions business depends on the availability of appropriate donors. Regulations intended to control infectious disease or requirements in cell therapy manufacturing processes could also result in a decreased pool of potential donors or integrity of inventory. Due to any pandemic, epidemic or outbreak in one or more regions in which our Cell Solutions business operates, the portion of the donor pool that typically donates may be unable, or unwilling to donate, thereby

significantly reducing the availability of research products upon which we rely. In addition, healthcare concerns among the public may result in a decline in donations. If donor participation declines, we may not be able to reduce costs, which in turn may negatively impact the operating margin of the Cell Solutions business.

Our CDMO services establish us as a premier scientific partner for cell and gene therapy development, testing, and manufacturing; enable us to provide clients with an integrated solution from basic research and discovery through cGMP production; enable us to drive efficiency and accelerate clients' speed-to-market by integrating manufacturing and the required testing; and enable our clients to seamlessly conduct analytical testing, process development, and manufacturing for advanced modalities with the same scientific partner. Furthermore, our CDMO operations require various raw materials supplied primarily by third parties. We or our customers specify the raw materials and other items required to manufacture the applicable product and, in some cases, the customers specify the suppliers from whom we must purchase these raw materials. In certain instances, the raw materials and other items may only be supplied by a limited number of suppliers or in limited quantities. If third-party suppliers do not supply raw materials or other items on a timely basis, it may cause a manufacturing run to be delayed or canceled which could materially adversely affect our results of operations and financial condition.

Furthermore, in general, third-party suppliers may fail to provide us with raw materials and other items that meet the qualifications and specifications required by us or our customers. If third-party suppliers are not able to provide us with raw materials that meet our or our customers' specifications on a timely basis, we may be unable to manufacture the product for our clients or it could prevent us from delivering products to our customers within required time frames. Any such delay in delivering products to our clients may create liability for us to our customers for breach of contract or cause us to experience order cancellations and loss of customers. In the event that we manufacture products with components or raw materials that do not meet our qualifications and specifications or those of our customers or governmental or regulatory authorities, we may become subject to product liability claims caused by defective raw materials or components from a third-party supplier or from a customer.

Demand volatility and risk of credit losses from clients may adversely affect our business.

Our business could be adversely affected by any significant decrease in drug R&D expenditures by pharmaceutical and biotechnology companies, as well as by academic institutions, government laboratories or private foundations. Similarly, economic factors and industry trends that affect our clients in these industries also affect their R&D budgets and, consequentially, our business as well.

Our clients include researchers at pharmaceutical and biotechnology companies. Our ability to continue to grow and win new business is dependent in large part upon the ability and willingness of the pharmaceutical and biotechnology industries to continue to spend on molecules in the non-clinical phases of R&D (and in particular discovery and safety assessment) and to outsource the products and services we provide. Furthermore, our clients (particularly larger biopharmaceutical companies) continue to search for ways to maximize the return on their investments with a focus on lowering R&D costs per drug candidate. Fluctuations in the expenditure amounts in each phase of the R&D budgets of these researchers and their organizations could have a significant effect on the demand for our products and services. R&D budgets fluctuate due to changes in available resources, mergers of pharmaceutical and biotechnology companies, spending priorities (including available resources of our biotechnology clients, particularly those that are cash-negative, who may be highly focused on rationing their liquid assets in a challenging funding environment), general economic conditions, institutional budgetary policies and the impact of government regulations, including potential drug pricing legislation. Available funding for biotechnology clients in particular may be affected by the capital markets, investment objectives of venture capital investors and priorities of biopharmaceutical industry sponsors.

Certain provisions of the Inflation Reduction Act passed in 2022 impact the U.S. federal income taxation of corporations. This may impact the profitability for our clients. Reduced profitability for our clients could in turn negatively impact the overall demand environment for our services from those clients.

Additionally, our business is exposed to the risk of credit losses, which arises from our extension of credit to clients. The collectability of accounts receivable may be adversely affected by various factors, including economic downturns, changes in clients' financial conditions, and industry-specific challenges. A deterioration in the creditworthiness of our clients could result in the need to establish or increase our allowance for credit losses. We regularly assess the creditworthiness of our clients, establish credit limits, and monitor payment patterns. However, our ability to manage credit risk and maintain an adequate allowance for credit losses may be impacted by factors beyond our control, such as unforeseen economic conditions or significant shifts in client payment behavior. Additionally, changes in global or regional economic conditions may affect the overall credit environment and impact our clients' ability to fulfill their payment obligations.

For additional discussion of the factors that we believe have recently been influencing R&D budgets at our clients, please see the sections entitled "Our Strategy" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" included elsewhere in this Form 10-K.

Additionally, we have businesses that depend on our supply of large research models to clients. Sudden or unexpected changes in demand, market conditions, or the regulatory environment for these models could have an adverse impact on our profitability. Increasing demand could harm relationships with clients if we are unable to alter production capacity, or purchase products from other suppliers, to fill orders adequately. Decreased demand could result in inventory surpluses, which could also significantly impact our results and operations. In particular, if the price of non-human primates increases significantly, or if we are unable to transport the non-human primates in our possession to our clients because of governmental restrictions or limitations, our business may be materially adversely affected. In addition, overall supply constraints with respect to large research models has led to an extremely dynamic pricing environment for non-human primates, which has, and could continue to, make it difficult to predict results, lead to reduced volumes, and require us to adjust operations.

We also operate businesses which depend upon the regulatory approval of the products they manufacture for their CDMO clients. As such, if these clients experience a suspension, delay in, or failure to receive, approval for any of their product candidates or fail to maintain regulatory approval of their products that we develop or manufacture, our revenue and profitability could be materially adversely affected. Additionally, if the FDA or a comparable foreign regulatory authority does not approve of our facilities for the manufacture of a client product, observes significant deficiencies or violations at its facilities or withdraws such approval in the future, our clients may choose to identify alternative manufacturing facilities and/or relationships, which could significantly impact our CDMO capacity and capabilities and results of operations therefrom and could have a negative impact on our reputation and financial results.

A reduction or delay in government funding of R&D may adversely affect our business.

A portion of revenue, predominantly in our RMS segment, is derived from clients at academic institutions and research laboratories whose funding is partially dependent on both the level and timing of funding from government sources such as the U.S. National Institutes of Health (NIH) and similar domestic and international agencies, which can be difficult to forecast. We also sell directly to the NIH and these other agencies. Government funding of R&D is subject to the political process, which is inherently fluid and unpredictable. For example, the NIH announced on February 7, 2025, a policy significantly reducing research grants by limiting payments for indirect overhead. While, as of the date of this filing, the order has been temporarily stayed, there can be no assurance that it will not take effect or that other adverse actions will not be taken. Our revenue may be adversely affected if our clients delay purchases as a result of uncertainties surrounding the approval of government budget proposals, included reduced allocations to government agencies that fund R&D activities. Government proposals to reduce or eliminate budgetary deficits have sometimes included reduced allocations to the NIH and other government agencies that fund R&D activities, or NIH funding may not be directed towards projects and studies that require the use of our products and services, both of which could adversely affect our business and our financial results.

Changes in government regulation or in practices relating to the pharmaceutical or biotechnology industries, including potential healthcare reform, could decrease the need for the services we provide.

Governmental agencies throughout the world strictly regulate the drug development process. Our business involves helping our customers navigate these regulatory processes. Accordingly, many regulations, and often new regulations, are expected to result in higher regulatory standards and often additional revenues for companies that service these industries. However, some changes in regulations, such as a relaxation in regulatory requirements or the introduction of streamlined or expedited drug approval procedures, or an increase in regulatory requirements that we have difficulty satisfying or that make our services less competitive, could eliminate or substantially reduce the demand for our services.

For example, in December 2022, the FDA Modernization Act 2.0 was passed, which clarifies methods manufacturers and sponsors can use to investigate the safety and efficacy of a drug. Eliminating the use of animals in research may have material adverse effects on our business, results of operations, or financial condition. While there have been significant advancements in the development of alternative methods, the complete elimination of animals in research will be a gradual process that may take many years to achieve. While we are committed to working with the industry to support development and to provide the best translational models to supplement or replace traditional models as part of our 3Rs initiative, the use of animals in research is highly regulated and proposed changes to current regulations will need to be carefully evaluated to ensure that they do not compromise the safety and efficacy of new drugs and medical treatments.

Although we believe we are currently in compliance in all material respects with applicable national, regional and local laws, as well as other accepted guidance used by oversight bodies (including the USDA, the standards set by the International Air Transport Association, the Convention on International Trade in Endangered Species of Wild Fauna and Flora, USFWS, The Centers for Disease Control, the Department of Transportation, the Department of State, the office of Laboratory Animal Welfare of NIH, the Drug Enforcement Agency, as well as numerous other oversight agencies in the jurisdictions in which we operate), failure to comply could subject us to denial of the right to conduct business, fines, criminal penalties and other enforcement actions. For additional discussion of the factors specifically affecting our non-human primates including related oversight trade compliance agencies, please see the sections entitled “Item 1A. Risk Factors – Industry Risk Factors - Several of our product and service offerings, including our non-human primate supply, are dependent on a limited source of supply that,

when interrupted, adversely affects our business”, and “Item 3. Legal Proceedings” included elsewhere in this Form 10-K. In addition, if regulatory authorities were to mandate a significant reduction in safety assessment procedures that utilize research animals (as has been advocated by certain groups), certain segments of our business could be materially adversely affected.

Implementation of healthcare reform legislation, such as certain provisions of the Inflation Reduction Act, may have certain benefits, but also may contain costs that could limit the profits that can be made from the development of new drugs. This could adversely affect R&D expenditures by pharmaceutical and biotechnology companies, which could in turn decrease the business opportunities available to us both in the U.S. and abroad. In addition, new laws or regulations may create a risk of liability, increase our costs or limit our service offerings. Furthermore, if health insurers were to change their practices with respect to reimbursements for pharmaceutical products, our clients may spend less or reduce their growth in spending on R&D.

While it is not possible to predict whether and when any such changes will occur, changes at the local, state or federal level, or in laws and regulations in effect in foreign jurisdictions in which we operate or have business relationships, may significantly impact our domestic and foreign businesses and/or those of our clients. Furthermore, modifications to international trade policy, public company reporting requirements, environmental regulation and antitrust enforcement may have a materially adverse impact on us, our suppliers or our clients.

Our Biologics Solutions business, financial condition and results of operations may be adversely affected if the products we manufacture and/or test for our customers do not gain market acceptance.

If the products we manufacture for our customers do not gain market acceptance or production volumes of key products that we manufacture for our customers decline, the financial condition and results of our operations may be adversely affected. For our CDMO services, we will depend on, and have no control over, market acceptance for the products that we will manufacture for our customers. Consumer demand for these products could be adversely affected by, among other things, delays in securing regulatory approvals, the emergence of competing or alternative products, including generic drugs, the emergence of new safety data for such products, the loss of patent and other intellectual property rights protection, reductions in private and government payment product subsidies or changing product marketing strategies.

CDMO services are highly complex and failure to provide quality and timely services to our CDMO customers, could adversely impact our business.

The CDMO services we offer can be highly complex, due in part to strict regulatory requirements and the inherent technical complexity of the services provided. A failure of the quality control or related systems and processes in our facilities could cause problems in connection with facility operations for a variety of reasons, including with respect to equipment malfunction, microbial or other contamination, compliance with specific manufacturing instructions, compliance with protocols and standard operating procedures, issues with raw materials, and issues with product testing. Such issues could affect the production of a single manufacturing run, multiple runs, or entire manufacturing campaigns, potentially requiring the destruction of products and cessation of manufacturing operations. In addition, any failure to meet required quality and regulatory standards may result in our failure to timely deliver products to our customers which, in turn, could damage our reputation for quality and service. Similarly, if the FDA or other regulators develop concerns over regulatory compliance in connection with our manufacturing activities of clinical trial products, including with respect to the safety of a product, such authorities can delay or suspend a client’s clinical trial by placing it on a full or partial “clinical hold” pending receipt of additional data to satisfy such concerns. A clinical hold on a client’s trial may require us to spend significant resources to address the underlying causes of the client’s clinical hold. In addition, if we are not able to successfully address such underlying causes or our response is not deemed adequate to lift the client’s clinical hold, the clinical program may have to be terminated. The same or similar regulatory issues can occur in connection with the manufacture of commercial products in the event of compliance concerns, whereby FDA or other regulators may prevent the distribution of products manufactured at our facilities and require corrective actions to address such concerns, which can be substantial and time consuming. In the event of material compliance issues, FDA or other regulators may also refuse to approve our clients’ applications to market products manufactured at our facilities, which may also adversely affect our business. In January 2025, a CDMO client disclosed that, as a result of observations made during pre-license inspections at a Company facility, (1) one biologics license application for a specific therapeutic treatment had received a complete response letter from the FDA, and (2) the FDA had placed clinical holds on that client’s Investigational New Drug applications. In addition, subsequently the FDA conducted an inspection at the same Company facility resulting in the Company receiving a Form FDA 483 Notice of Inspectional Observations which the Company is in process of responding to, and which will include commitments to mitigate identified observations. These types of events, including manufacturing disruptions, delays in clients’ clinical programs, and/or failures to obtain marketing approvals may adversely affect our business and/or results of operations.

Contaminations in our animal populations can damage our inventory, harm our reputation for contaminant-free production, result in decreased sales and cause us to incur additional costs.

Both small and large research models must be free of certain infectious agents, such as select viruses, parasites, and bacteria, because the presence of these contaminants can distort or compromise the quality of research results and/or could adversely impact human or animal health. The presence of these infectious agents in our animal production facilities and certain service operations could impact the quality of our contaminant-free research model as well as our animal services businesses, including GEMS, harm our reputation for contaminant-free production and result in decreased sales. There also exists a risk that contaminations from models that we produce may affect our client's facilities, requiring our support to resolve the impact. In some cases, we may produce or import animals carrying infectious agents capable of causing disease in humans; and in the case of such a contamination or undiagnosed infection, there could be a possible risk of human exposure and infection and liability for damages to infected persons.

When considering our large research models, while some of these models are owned by us and maintained at our facilities, others are reserved for us and maintained at sites operated by the original provider. Accordingly, risk of contamination may be outside of our control, and we depend on the practices and protocols of third parties to ensure a contamination-free environment. A contamination may require extended CDC or CFIA quarantine with subsequent reduced sales as a result of lost client orders, as well as the potential for complete inventory loss and disinfection of the affected quarantine rooms. Furthermore, while we often negotiate for contractual risk indemnification, the third party may refuse to fulfill its indemnification obligation or may be unable to as a result of insolvency or other impediments.

Contaminations are unanticipated and difficult to predict and could adversely impact our financial results. If they occur, contaminations typically require cleaning up, renovating, disinfecting, retesting and restarting production or services. Such contaminations result in inventory loss, clean-up and start-up costs, and reduced sales as a result of lost client orders and potentially credits for prior shipments. In addition to microbiological contaminations, the potential for genetic contaminations also exists and may require us to restart the applicable animal colonies, and would result in inventory loss, additional start-up costs and possibly reduced sales. Contaminations also expose us to risks that clients will request compensation for damages in excess of our contractual indemnification requirements. A contamination event could also have a negative impact on our reputation and financial results.

Further, many of our operations are comprised of complex mechanical systems that are subject to periodic failure, including aging fatigue. Such failures are unpredictable, and while we have made significant capital expenditures designed to create redundancy within these mechanical systems, strengthen our biosecurity, improve our operating procedures to protect against such contaminations, and replace impaired systems and equipment in advance of such events, failures and/or contaminations may still occur.

The outsourcing trend in non-clinical and clinical stages of drug discovery and development may decrease, which could impair our growth.

Over the past decade, pharmaceutical and biotechnology companies have generally increased their outsourcing of non-clinical and clinical research support activities, such as discovery and safety assessment. While many industry analysts expect the outsourcing trend to continue to increase for the next several years (although with different growth rates for different phases of drug discovery and development), decreases in such outsourcing may result in a diminished growth rate in the sales of any one or more of our service lines and may adversely affect our financial condition and results of operations. For additional discussion of the factors that we believe have recently influenced outsourcing demand from our clients, please see the section entitled "Our Strategy" above.

The industries in which we operate are highly competitive.

The industries in which we operate are highly competitive. We compete for business with other non-clinical drug development partners and blood product and therapeutic services companies, other CDMOs, as well as internal discovery and development departments within our larger clients, who may have greater resources than ours. We also compete with universities and teaching hospitals for outsourced services. We compete on a variety of factors, including:

- reputation for on-time quality performance;
- reputation for regulatory compliance;
- reputation for responsive client service and support;
- expertise and experience in multiple specialized areas;
- scope and breadth of service and product offerings across the drug discovery and development spectrum;
- scope and breadth of service and product offerings across the manufacturing support spectrum;

- ability to provide flexible and customized solutions to support our clients' drug discovery, non-clinical development, and manufacturing support needs;
- broad geographic availability (with consistent quality);
- price/value, spend and flexibility;
- technological and scientific expertise and efficient drug development processes;
- quality of facilities;
- financial stability;
- size;
- ability to acquire, process, analyze and report data in an accurate manner;
- ability to place orders through eCommerce channels; and
- accessibility of client data through secure portals.

If we do not compete successfully, our business will suffer. Increased competition might lead to price and other concessions that could adversely affect our operating results. Moreover, additional competition may emerge, particularly in lower-cost jurisdictions such as India and China, which could, among other things, result in a decrease in the fees paid for our services, which may adversely affect our results of operations and financial condition. The drug discovery and development services industry has continued to see a trend towards consolidation, particularly among the biotechnology companies, which are targets for each other and for large pharmaceutical companies. If this trend continues, it is likely to produce more competition among the larger companies, with respect to both clients and acquisition candidates. In addition, small, specialized entities considering entering the industries will continue to find lower barriers to entry, and private equity firms may determine that there are opportunities to acquire and consolidate these companies, thus further increasing possible competition. Our competition in the CDMO market includes full-service contract manufacturers and large pharmaceutical companies offering third-party manufacturing services to fill their excess capacity. Also, large pharmaceutical companies have been seeking to divest portions of their manufacturing capacity, and any such divested businesses may compete with us in the future. Furthermore, many of our CDMO competitors may have substantially greater financial, marketing, technical or other resources than we do.

More generally, our competitors or others might develop technologies, services or products that are more effective or commercially attractive than our current or future technologies, services or products, or that render our technologies, services or products less competitive or obsolete. If competitors introduce superior technologies, services or products and we cannot make enhancements to ours to remain competitive, our competitive position, and in turn our business, revenue and financial condition, would be materially and adversely affected. In the aggregate, these competitive pressures may affect the attractiveness of our technologies, services or products and could adversely affect our financial results.

New technologies may be developed, validated and increasingly used in biomedical research, which could reduce demand for some of our products and services.

The scientific community continues to develop cell-based and new alternative model methodologies (NAMs), which do not involve working with animal models and are designed to increase the translation from findings in early-stage discovery and pre-clinical studies to human studies, and vice-versa. As these methods continue to advance, they may supplement, and in some cases possibly replace or supplant methodologies that are currently in use, such as the use of traditional living animals in biomedical research. In addition, technological improvements, such as imaging and other translational biomarker technologies, could impact demand for animal research models. Further, manufacturers, including Charles River, have recently introduced recombinant versions of LAL, which has been historically derived from live animals. It is our strategy to explore new technologies to refine and potentially reduce the use of animal models and animal derived products as new *in vitro* and *in silico* methods become available and synthetically-manufactured products become validated with sufficient data to ensure public safety. For information regarding our efforts to support development and to provide the best translational models to supplement or replace traditional models, see "Our Strategy" included elsewhere in this Form 10-K. However, we may not be able to develop new products, inputs or processes effectively or in a timely manner to replace any lost sales. Lastly, other companies or entities may develop research models, inputs or processes with characteristics different from those that we produce, and that may be viewed as more desirable by some of our clients.

We may not be able to successfully develop and market new services and products.

We continue to seek opportunities to develop and market new services and products that complement or expand our existing business or service offerings. We believe our ability to innovate through internal research and development efforts and license or acquire new technologies from third parties are both critical to our ability to continue to meet the needs of our clients. Our ability to gain access to such technologies depends, in part, on our ability to convince innovators that we can successfully

develop and commercialize their inventions. We cannot guarantee that we will be able to identify new technologies of interest to our clients. Even if we are able to identify these opportunities, negotiating license agreements on commercially acceptable terms may prove difficult. In addition, our ongoing internal research and development efforts may not always yield offerings that meet client demand. If we are unable to develop new services and products and/or create demand for those newly developed services and products, our future business, results of operations, financial condition and cash flows could be adversely affected.

Costs increasing more rapidly than market prices in certain of our businesses could reduce profitability.

The cost of collecting, processing and testing products has risen significantly in recent years and will likely continue to increase given stringency of demands on raw materials. These cost increases are related to new and improved testing procedures, increased regulatory requirements, and higher staff and supply costs, including labor inflation. Competition and fixed price contracts may limit our ability to maintain existing operating margins. Some competitors have greater resources than us to sustain periods of marginally profitable or unprofitable sales. Costs increasing more rapidly than market prices may reduce profitability and may have a material adverse impact on our business and results of operations.

Legal and Regulatory Risk Factors

Any failure by us to comply with applicable regulations and related guidance could harm our reputation and operating results, and compliance with new regulations and guidance may result in additional costs.

Any failure on our part to comply with applicable regulations could result in the termination of ongoing research or the disqualification of data for submission on behalf of our clients to regulatory authorities. This could harm our reputation, our prospects for future work and our operating results. For example, the issuance of a notice of objectionable observations or a warning letter from the FDA based on a finding of a material violation affecting data integrity by us for GLP or cGMP requirements that are not addressed to the regulatory monitoring authorities' satisfaction could materially and adversely affect us. If our operations are found to violate any applicable law or other governmental regulations, we might be subject to civil and criminal penalties, damages and fines or the temporary closure of our facilities. Any action against us for violation of these laws or regulations, even if we successfully defend against it, could cause us to incur significant legal expenses, divert our management's attention from the operation of our business and damage our reputation.

Where applicable, our clients expect us to timely deliver their non-clinical data compliant with the FDA's SEND (Standardization for Exchange of Nonclinical Data) standards. Notwithstanding, some of these standards require additional operating and capital expenses that will impact not only us and our industry competitors, but clients in the biomedical research community. Non-compliance with any of these expectations could lead to official action by a government authority, damage to our reputation and a potential loss of business.

In addition, regulations and guidance worldwide concerning the production and use of research animals for research purposes continue to evolve. Similarly, guidance has been and continues to be developed for other areas that impact the biomedical research community on both a national and international basis including transportation, mandated contingency planning, euthanasia guidance, import and export requirements of biological materials, health monitoring requirements and the use of disinfectants.

Our Cell Solutions business is subject to complex regulation by federal, state and local governments in the U.S. This business requires us to obtain many licenses, permits, authorizations, accreditations, approvals, and certificates to fully comply with appropriate regulations. Federal, state and local regulations do change, requiring prompt adoption to remain in a constant state of compliance. Changes in the regulations could require us to alter how we operate our business, potentially resulting in a significantly increased cost of compliance.

Our donor collection centers are registered with the FDA and the FDA periodically conducts inspections of those facilities and operations. At the conclusion of each inspection, the FDA provides us with a list of objectionable conditions and practices observed during the inspection that could result in additional enforcement actions. Failure to comply with the regulations enforced by the FDA could result in sanctions and/or remedies and have a material adverse effect on us.

We are required to comply with stringent, complex and evolving laws, rules, regulations and standards in many jurisdictions, as well as contractual obligations, relating to data privacy and security. Any actual or perceived failure to comply with these requirements could have a material adverse effect on our business.

We are required to comply with stringent, complex and frequently evolving laws, rules, regulations and standards in many jurisdictions, as well as contractual obligations, relating to data privacy and security. Ensuring that our collection, use, transfer, storage and other processing of personal information complies with such requirements can increase operating costs, impact the development of new products or services, and reduce operational efficiency.

Internationally, virtually every jurisdiction in which we operate has established its own data privacy and security legal framework with which we must comply. For example, we are required to comply with the European Union (EU) General Data Protection Regulation (GDPR), which imposes stringent obligations regarding the collection, control, use, sharing, disclosure and other processing of personal data of individuals within the EU and European Economic Area (EEA). EU member states may also impose additional requirements in relation to personal data through their national implementing legislation.

The EU GDPR also imposes specific restrictions on the transfer of personal data to countries outside of the EU and EEA, including the use of appropriate safeguards to enable such transfers, such as Standard Contractual Clauses (SCCs) and the EU-US Data Privacy Framework (DPF). Although these mechanisms are currently valid for purposes of transferring personal data, they could be subject to legal challenges and there is no assurance that we could satisfy or rely on these measures to lawfully transfer personal data. If we are otherwise unable to transfer personal data between and among countries and regions in which we operate, it could affect the manner in which we provide our services, the geographical location or segregation of our relevant systems and operations, and could adversely affect our financial results. While we have implemented controls and procedures to comply with the requirements of the EU GDPR, such procedures and controls may not be effective in ensuring compliance or preventing unauthorized transfers of personal data.

Additionally, we are subject to the privacy and data protection laws of the UK, including the UK Data Protection Act of 2018 (UK GDPR). Similar to the EU GDPR, the UK GDPR imposes restrictions on the processing of personal data, as well as transfers of personal data from the UK to other countries. Failure to comply with the EU and/or the UK GDPR can result in significant fines and other liability.

Moreover, we are subject to the privacy and data protection laws of China, including the Personal Information Protection Law (PIPL) and Data Security Law (DSL), which promulgated requirements relating to the collection, processing, transfer and security of personal information in or from China. Violations of the PIPL or DSL could result in fines and penalties, suspension of data transfers, cancellation of business authorizations, personal liability for responsible company officers, as well as criminal and civil liability. In the event that the PIPL requires us to store data in China, or limits our ability to transfer data across borders, we may experience increased costs and business inefficiencies. Fines, corrective actions, or other penalties asserted due to alleged noncompliance may impose additional financial or operational costs, limit our ability to attract and retain local talent, or limit our ability to do business in China.

In the US, there are numerous federal and state data privacy and security laws, rules, and regulations governing the collection, use, disclosure, retention, security, transfer, storage and other processing of personal information, including federal and state data privacy laws, data breach notification laws, and data disposal laws. For example, at the federal level, we are subject the regulations of the Federal Trade Commission, which has the authority to regulate and enforce against unfair or deceptive acts or practices in or affecting commerce, including acts and practices with respect to data privacy and security. If our public statements about our use, collection, disclosure and other processing of personal information are alleged to be deceptive, unfair or misrepresentative of our actual practices, we may be subject to potential government or legal investigation or action. If we are found to have violated applicable laws or regulations, we may also be subject to penalties, fines, damages, injunctions or other outcomes that may adversely affect our operations and financial results. The United States Congress also has considered, and may in the future consider, various proposals from time to time for comprehensive federal data privacy legislation to which we may become subject if passed and which may adversely affect our operations and financial results.

At the state level, we are subject to laws and regulations like the California Consumer Privacy Act (CCPA) and the California Privacy Rights Act (CPRA). The CCPA and CPRA create transparency requirements for companies, grant California residents various rights with regard to their personal information, and impose additional data protection obligations on companies doing business in California. Failure to comply with the CCPA and CPRA may result in, among other things, significant civil penalties and injunctive relief, or potential statutory or actual damages. The CCPA and CPRA also provide a private right of action for data breaches that result in the loss of personal information. The CCPA and CPRA may impact our business activities and require compliance costs that adversely affect business, operating results, prospects and financial condition. These state statutes, and other similar state or federal laws that may be enacted in the future may require us to modify our data processing practices and policies, incur substantial compliance-related costs and expenses, and otherwise suffer adverse impacts on our business.

Additionally, while collecting research products from donors, we may collect, use, disclose, maintain and transmit donor information in ways that will be subject to many of the numerous state, federal and international laws and regulations governing the collection, use, disclosure, storage, transmission or confidentiality of patient-identifiable health information.

We have made changes to, and investments in, our business practices and will continue to monitor developments and make appropriate changes to help attain compliance with these evolving and complex laws, rules, regulations and standards. Any actual or perceived failure to comply with any such laws, rules, regulations, standards or contractual obligations could subject us to denial of the right to conduct business, significant fines, civil or criminal penalties, costly litigation (including class

actions), government investigation or inquiries, enforcement actions, claims, proceedings, judgements, awards, penalties, sanctions or other adverse impacts that could have a material adverse effect on our business.

Failure to comply with U.S., state, local or international environmental, health, safety and sustainability laws and regulations, including regulations issued by the Occupational Safety and Health Administration, Environmental Protection Agency, Nuclear Regulatory Agency and Department of Transportation, could result in fines and penalties and loss of licensure, and have a material adverse effect upon the Company's business.

We are subject to licensing and regulation under laws and regulations relating to the protection of the environment and human health and safety, including laws and regulations relating to the handling, transportation and disposal of medical specimens, infectious and hazardous waste and radioactive materials, as well as regulations relating to the safety and health of laboratory employees. Failure to comply with these laws and regulations could subject us to denial of the right to conduct business, fines, criminal penalties and/or other enforcement actions that could have a material adverse effect on our business. Other environmental laws may have similar consequences to us or our supplier, or result in liability to us. In addition, compliance with future legislation could impose additional requirements on us that may be costly.

Changes in U.S. and International Tax Law, results of tax audits, or material changes in our stock price could have a material adverse impact on our effective tax rate and financial results.

As a global company, we are subject to taxation in numerous countries, states, and other jurisdictions. Changes to governmental laws and regulations, or their interpretations, including the adoption of global minimum taxation requirements and potential changes to existing tax law by the current U.S. Presidential administration and Congress, could impact our profits, effective tax rate and cash flows.

We receive substantial tax credits and incentives in Canada, from both the Canadian federal and Quebec governments, China, France, the U.K., and the U.S. Any reduction in the availability or amount of these tax credits and incentives or outcomes of tax controversies associated with these credits, could have a material adverse effect on our profits, cash flows and effective tax rate. Additionally, we are subject to regular audits with respect to various tax returns and processes in the jurisdictions in which we operate. Errors or omissions in tax returns, process failures, increase to tax rates or differences in interpretation of tax laws by tax authorities may lead to litigation, payments of additional taxes, penalties, and interest.

We are subject to regular review and audit by both domestic and foreign tax authorities. As a result, we have received, and may in the future receive, assessments in multiple jurisdictions, on various tax-related assertions. Any adverse outcome of such a review or audit could harm our financial condition and operating results, require adverse changes to our business practices, or subject us to additional litigation and regulatory inquiries. In addition, the determination of our worldwide provision for income taxes and other tax liabilities requires significant judgment and often involves uncertainty. Although we believe our estimates are reasonable, the ultimate tax outcome may differ from the amounts recorded in our financial statements and may affect our financial results in the period or periods for which such determination is made.

Our tax expense and liabilities are affected by certain factors, such as changes in our business operations, acquisitions, investments, entry into new businesses and geographies, intercompany transactions, changes in foreign currency exchange rates, changes in our stock price, changes to our forecasts of income and loss and the mix of jurisdictions to which they relate, and changes in our tax assets and liabilities and their valuation.

Non-clinical and clinical contract research services create a risk of liability.

As a global drug development partner, we face a range of potential liabilities, which may include:

- risks associated with errors or omissions in reporting of study detail in non-clinical studies that may lead to inaccurate reports, which may undermine the usefulness of a study or data from the study, or which may potentially advance studies absent the necessary support or inhibit studies from proceeding to the next level of testing;
- risks associated with our possible failure to properly care for our clients' property, such as research models and samples, study compounds, records, work in progress, other archived materials or goods and materials in transit, while in our possession;
- risks that models in our breeding facilities or in facilities that we manage may be infected with diseases that may be harmful to them or humans, despite preventive measures for the quarantine and handling of imported animals;
- risks that we may have errors and omissions and/or product liabilities related to our products designed to conduct lot release testing of medical devices, injectable drugs, food, beverages, and home and beauty products (primarily through our Microbial Solutions business), or in the testing of biologics and other services performed by our Biologics Solutions business, which could result in us or our clients failing to identify unsafe or contaminated materials;

- risk of transmitting dangerous infectious diseases, as a result of the failure of our screening and testing processes, or new pathogens that may be undetected by such processes; and
- recent acquisitions have expanded our business into the CDMO market, which entails additional risks of liability, including potential product liability claims, errors and omissions claims in connection with our services and potential liability under indemnification agreements between us and our officers and directors.

While we attempt to mitigate these risks through a variety of methods, it is impossible to completely eradicate such risks. In our RMS business, we mitigate these risks to the best of our abilities through our regimen of animal testing, quarantine procedures and veterinary staff vigilance, through which we seek to control the exposure of animal related disease or infections. We attempt to reduce these risks through the negotiation of contractual risk transfer provisions, such as indemnification provisions, limitations of liability, and client insurance requirements.

Contractual risk transfer indemnifications generally do not protect us against liability arising from certain of our own actions, such as negligence or misconduct. We could be materially and adversely affected if we are required to pay damages or bear the costs of defending any claim that is outside any contractual indemnification provision, or if a party does not fulfill its indemnification obligations or the damage is beyond the scope or level of insurance coverage. We also often contractually indemnify our clients (subject to a limitation of liability), similar to the way they indemnify us, and we may be materially adversely affected if we have to fulfill our indemnity obligations. Furthermore, either we or a party required to indemnify us may not be able to maintain such insurance coverage (either at all or on terms acceptable to us).

The failure to successfully obtain, maintain and enforce intellectual property rights and defend against assertions of third parties to intellectual property rights could adversely affect us.

Many of our services, products and processes rely on intellectual property. In some cases, that intellectual property is owned by another party and licensed to us, sometimes exclusively. To protect our intellectual property rights, we primarily rely upon trade secret, patent, and copyright law, as well as contractual provisions relating to intellectual property ownership and control and confidentiality. Laws relating to intellectual property rights and contracts vary from country to country and are subject to change at any time. In addition, the agreements upon which we rely to protect our intellectual property might be breached, or might not be fully enforceable. Our intellectual property rights might not prevent our competitors from independently developing intellectual property that is similar to or duplicative of ours. Also, enforcement of our intellectual property rights may also require substantial investments of time, money, and oversight, and may not result in success. If we are unable to secure and maintain our intellectual property rights, or if we are unable to prevent misappropriation or infringement, our business could be adversely affected.

Furthermore, we respect third-party intellectual property rights, and make efforts to avoid violating valid and enforceable intellectual property rights, and seek to procure and pay for licenses from the holders of intellectual property rights that we seek to use. In some cases, we are asked to utilize components and processes that are provided to us by our clients.

Customers of our CDMO business, for example, may utilize intellectual property for the production of their products, the manufacture of which has been contracted to us. Failure by us and/or our customers to secure and maintain rights to third-party intellectual property rights could have a material adverse effect, including reduced revenue as a result in a delay or cancellation of the manufacture of products and involvement in judicial and administrative proceedings in which we are named as a party.

Further, the drug discovery, drug development, and drug manufacturing industry has a history of patent and other intellectual property litigation and these lawsuits will likely continue. This may be exacerbated by the increased use of cell-based and new alternative model methods not involving animal models, which may supplement and/or replace or supplant the use of traditional living animal models in biomedical research. Refer to “Risk Factors – *New technologies may be developed, validated and increasingly used in biomedical research, which could reduce demand for some of our products and services.*” herein for our assessment of certain other relevant risk factors on this topic. Litigation can be expensive, time consuming, and can divert management’s attention from other business concerns. If we do not prevail in an infringement lawsuit brought against us, we may be compelled by a court to pay substantial damages, including treble damages, and be ordered to stop the challenged activity, or obtain a license on unnegotiated and/or unfavorable terms.

Our by-laws designate the state courts located in the State of Delaware as the sole and exclusive forum for certain actions, including derivative actions, which could limit a stockholder’s ability to bring a claim in a judicial forum that it finds favorable for disputes with the Company and its directors, officers, other employees, or the Company’s stockholders and may discourage lawsuits with respect to such claims.

Unless we consent in writing to the selection of an alternative forum, the sole and exclusive forum for (1) any derivative action or proceeding brought on behalf of the Company, (2) any action asserting a claim of breach of a fiduciary duty owed by any director, officer or other employee of the Company to the Company or the Company’s stockholders, (3) any action asserting a claim arising pursuant to any provision of the Delaware General Corporation Law or the Company’s certificate of incorporation

or the Company's by-laws (in each case, as they may be amended from time to time), or (4) any action asserting a claim governed by the internal affairs doctrine shall be a state court located within the state of Delaware (or, if no state court located within the State of Delaware has jurisdiction, the federal district court for the District of Delaware). However, this exclusive forum provision will not apply to suits brought under the federal securities laws for which the federal courts have exclusive jurisdiction. If a court were to find the choice of forum provision contained in our by-laws to be inapplicable or unenforceable in an action, we may incur additional costs associated with resolving such action in other jurisdictions, which could harm our business and financial condition. Furthermore, although we believe the exclusive forum provision benefits us by providing increased consistency in the application of Delaware law for the specified types of actions and proceedings, this provision may limit a stockholder's ability to bring a claim in a judicial forum that it finds favorable for disputes with the Company and its directors, officers, or other employees and may discourage lawsuits with respect to such claims.

We are involved in legal proceedings that could adversely affect our business, financial condition, and results of operations.

We are involved in legal proceedings related to various matters, including securities litigation, and may become involved in other legal proceedings that arise from time to time in the future. For example, as discussed further in Part I, Item 3, Legal Proceedings, a putative securities class action and two derivative securities lawsuits have been filed against the Company, and certain officers and directors, alleging that disclosures about the Company's practices with respect to the importation of non-human primates were materially false or misleading. We also are or have been subject to government investigations and civil investigative demands seeking information with respect to alleged violations of law, including as discussed in Part I, Item 3, Legal Proceedings, investigations by the DOJ, USFWS, and SEC.

Any claims against us, whether meritorious or not, can be time-consuming, result in costly litigation, be harmful to our reputation, require significant management attention, and divert significant resources. In addition, the expense of litigation and the timing of this expense from period to period are difficult to estimate and subject to change. Litigation and other claims are subject to inherent uncertainties and management's view of these matters may change in the future. Given the uncertain nature of legal proceedings generally, we are not able in all cases to estimate the amount or range of loss that could result from an unfavorable outcome. We could incur judgments or enter into settlements of claims that could have a material adverse effect on our results of operations in any particular period.

Labor and Employment Risk Factors

We depend on key personnel and may not be able to retain these employees, which could harm our business.

Our success depends to a significant extent on the continued services of our senior management and other members of management who have skills and industry experience aligned with our strategic objectives. James C. Foster, our Chief Executive Officer and President since 1992 and Chairman since 2000, has held various positions with us for four decades. While we entered into an amended employment agreement with Mr. Foster in 2021, most members of our senior management do not have employment agreements, except in jurisdictions outside of the United States where employment contracts are common for most employees. If Mr. Foster or other members of senior management do not continue in their present positions, particularly if they depart the Company with little to no notice, our business may be adversely impacted.

If we are unable to attract, hire or retain key team members or a highly skilled global workforce with various backgrounds and experiences, it could have a negative impact on our business, financial condition or results of operations.

Because of the specialized scientific nature of our business, we are highly dependent upon attracting and retaining qualified scientific, technical and managerial personnel. We have a strong record of employee retention, and we strive to reduce the impact of the potential loss of existing employees by having an established organizational talent review process that identifies successors and potential talent needs. However, there is still significant competition for qualified personnel in the veterinary, pharmaceutical and biotechnology fields. Failure to retain qualified existing personnel and recruit additional key scientific, technical, and managerial personnel in a timely manner, could harm our business.

We depend on the availability of, and good relations with, our team members.

Our employees are not unionized in the U.S. and employees at some of our European facilities are represented by works councils, collective bargaining agreements, employee representative groups and/or unions, which is consistent with local customs for our industry. Our operations depend on the availability and relative costs of labor and maintaining good relations with employees, which includes supporting their overall wellbeing. If we fail to maintain good relations with our team members or with the labor organizations, we may experience labor strikes or work stoppages, which could adversely affect our financial results.

We acknowledge a specific risk associated with periodic reductions in our workforce. As part of our strategic and operational management, we, from time to time, undertake workforce reductions to align with evolving business trends, market dynamics, or operational efficiency goals. Such actions result in incremental severance and benefits costs and replacing lost talent in the future may result in higher costs, all of which could adversely affect our financial results.

Financial and Accounting Risk Factors

Our debt level could adversely affect our business and growth prospects.

As of December 28, 2024, we had \$2.2 billion of debt and finance leases (debt). Our debt could have significant adverse effects on our business, including making it more difficult for us to obtain additional financing on favorable terms; requiring us to dedicate a substantial portion of our cash flows from operations to the repayment of debt and the interest on this debt; limiting our ability to capitalize on significant business opportunities; making us more vulnerable to rising interest rates, and reducing our flexibility to respond to changing business and economic conditions. Disruption in the financial market could also have a material adverse effect on our financial position, results of operations and liquidity. For additional information regarding our debt, please see Note 11. Debt and Other Financing Arrangements, included in the notes to our consolidated financial statements included elsewhere in this Form 10-K.

Impairment of long-lived tangible assets and intangible assets (such as goodwill and other intangible assets) may adversely impact future results of operations.

We have intangible assets, including goodwill, on our balance sheet due to our acquisitions of businesses. The initial identification and valuation of these intangible assets and the determination of the estimated useful lives at the time of acquisition involve use of management judgments and estimates. These estimates are based on, among other factors, projections of cash flows that arise from identifiable intangible assets of acquired businesses and discount rates based on an analysis of our weighted average cost of capital, adjusted for specific risks associated with the assets. Disruptions in global financial markets and deterioration of economic conditions could, among other things, impact the discount rate. Other assumptions used in the valuations and actual cash flows arising from a particular intangible asset could vary from projected cash flows, which could imply different carrying values from those established at the dates of acquisition and which could result in impairment of such assets.

If the future growth and operating results of our business are not as strong as anticipated, overall macroeconomic or industry conditions deteriorate and/or our market capitalization declines, this could impact the assumptions used in establishing the carrying value of goodwill or other intangible assets, as well as long-lived tangible assets, such as property, plant and equipment and operating lease right-of-use assets. Should disruption in the global financial markets and deterioration of economic conditions have a prolonged impact on our industry, triggering events may arise resulting in long-lived tangible asset, intangible asset, or goodwill impairments. To the extent long-lived tangible assets, intangible assets, or goodwill are impaired, their carrying value will be written down to their implied fair values and a charge will be made to our net income. Such an impairment charge could materially and adversely affect our operating results. As of December 28, 2024, the carrying amount of goodwill and other intangibles on our consolidated balance sheet was \$3.6 billion, property, plant and equipment was \$1.6 billion, and operating lease right-of-use assets was \$412.5 million. During the fourth quarter ended December 28, 2024, a triggering event was identified for the Biologics Solutions reporting unit. This resulted from a loss of key customers, ultimately resulting in a reduction in Biologics Solutions' long range financial outlook. In response, we conducted a quantitative impairment test for goodwill to determine if the goodwill in the Biologics Solutions reporting unit was impaired. Upon completion of a quantitative impairment test, it was determined that the fair value of the reporting unit was below its carrying value, resulting in a goodwill impairment of approximately \$215.0 million. We will continue to closely monitor future performance and any potential impacts on the value of the reporting unit. For additional discussion on this topic, see section herein titled "*Management's Discussion and Analysis of Financial Condition and Results of Operations - Goodwill and Intangible Assets.*"

General Risk Factors

Since we do not expect to pay any cash dividends for the foreseeable future, our shareholders will benefit from an investment in our common stock only if it appreciates in value.

We have not declared or paid any cash dividends on our common stock, and do not anticipate that we will pay any dividends to holders of our common stock for the foreseeable future. Any payment of cash dividends will be at the discretion of our Board of Directors and will depend on our financial condition, capital requirements, legal requirements, earnings and other factors. Consequently, our shareholders should not rely on dividends to receive a return on their investment.

Our quarterly operating results may vary, which could negatively affect the market price of our common stock.

Our results of operations in any quarter may vary from quarter to quarter and are influenced by the risks discussed above, as well as: changes in the general global economy; changes in the mix of our products and services; cyclical buying patterns of our clients; the financial performance of our strategic and venture capital investments; certain acquisition-related adjustments, including change in fair value of contingent payments both receivable from or payable to counterparties; and the occasional extra week ("53rd week") that we recognize in a fiscal year (and fourth fiscal quarter thereof), including 2022, due to our fiscal year ending on the last Saturday in December. We believe that operating results for any particular quarter are not necessarily a

meaningful indication of future results. Nonetheless, fluctuations in our quarterly operating results could negatively affect the market price of our common stock.

Increasing focus on environmental, social and governance (ESG) matters, including climate-related issues, may impact our business, financial results or stock price.

There has been increasing public focus by investors, clients, environmental activists, the media and governmental and nongovernmental organizations on a variety of ESG matters. If we are not effective in addressing ESG matters affecting our business, or setting and meeting relevant sustainability and climate-related goals, including our approved greenhouse gas emissions reduction targets, which have been approved by the Science Based Targets Initiative, our reputation and financial results may suffer. We may experience increased costs in order to execute upon our sustainability goals and measure achievement of those goals, which could have an adverse impact on our business and financial condition. Heightened stakeholder focus on ESG matters related to our business requires the continuous monitoring of various and evolving laws, regulations, standards and expectations and the associated reporting requirements. In addition, we may face criticism as a result of “anti-ESG” and “anti-DEI” sentiment among certain stakeholders, including governmental authorities, regulators, stockholders and clients. A failure to adequately meet stakeholder expectations may result in noncompliance, the loss of business, reputational impacts, diluted market valuation, an inability to attract clients and an inability to attract and retain top talent. A failure to comply with new laws, regulations, or reporting requirements, could negatively impact our reputation and our business. In addition, our adoption of certain standards or mandated compliance to certain requirements could necessitate additional investments that could impact our profitability.

Item 1B. Unresolved Staff Comments

There are no unresolved comments to be reported in response to Item 1B.

Item 1C. Cybersecurity

Cybersecurity Risk Management and Strategy

Charles River places high importance on identifying and mitigating potential cybersecurity threats to its employees, customers, IT infrastructure, proprietary technologies and confidential information.

Our cybersecurity risk management is based on recognized industry governance frameworks, including the International Organization for Standardization (ISO), the National Institute of Standards and Technology (NIST), the Center for Internet Security Controls (CIS), and the Cloud Security Alliance (CSA). We use these frameworks together with information collected from internal and 3rd party assessments to develop policies such as our technology acceptable use policy for information assets, our access requirements for data, systems, or technologies, and policies for the protection and use of personal information of our employees and customers. We protect our IT assets through industry-standard techniques such as multifactor authentication, malware defenses, network and endpoint monitoring, and access review processes. We also work with our business units to leverage and implement foundational cybersecurity principles, such as security by design, defense-in-depth, least privilege, and resilience-focused backups, throughout our organization. We deliver cybersecurity awareness and confidential information protection training to our employees, and we send our employees ethical simulated phishing and spear-phishing emails to test their compliance with our policies.

We engage third parties to conduct annual penetration testing, and we use external risk assessors to measure our program to industry standard frameworks. Our information security management system is certified to the ISO/IEC 27001:2013 and 27017:2018 standards by the British Standards Institution (BSI); certificates IS 780367 and CLOUD 806141, respectively. We also collaborate with experts and industry partners to exchange information about threats, best practices, and trends.

Our cybersecurity risk management extends to risks associated with our use of third-party service and technology providers as well as partnerships with third parties we may enter into. For instance, we conduct risk and compliance assessments of third parties that request access to our IT resources and information or who provide technology products or services to Charles River.

Our cybersecurity risk management is an important part of our comprehensive business continuity program and enterprise risk management. Our global information security team periodically engages with a cross-functional group of Charles River subject-matter experts and leaders to assess and refine Charles River’s cybersecurity risk posture and preparedness. For example, we regularly evaluate and update contingency strategies for our business in the event that a portion of our IT systems were to be unavailable due to a cybersecurity incident. We practice our response to potential cybersecurity incidents through regular tabletop exercises. We also perform threat hunting and red team exercises.

Through these processes, during our fiscal year 2024 and through the date of this filing we did not identify risks from cybersecurity threats, including as a result of any previous cybersecurity incidents, that have materially affected, or are reasonably likely to materially affect, our business strategy, results of operations, or financial condition. However, despite our efforts, we cannot eliminate all risks from cybersecurity threats, or provide assurances that we have not experienced an

undetected cybersecurity incident. For more information about these risks, please see the section titled “Item 1A. Risk Factors – Business and Operational Risk Factors - We have in the past experienced and in the future could experience unauthorized access into our information systems.”

Governance of Cybersecurity Risk Management

Our board of directors, as a whole, has oversight responsibility for Charles River’s strategic and operational risks. The Audit Committee of the Board of Directors has been delegated by the Board responsibility by reviewing and discussing Charles River’s risk assessment and risk management practices, including cybersecurity risks, with members of management. The Audit Committee, in turn, periodically discusses its review and assessment with the board of directors.

Our management team is responsible for day-to-day assessment and management of cybersecurity risks. On our management team, our Chief Information Officer has primary oversight of material risks from cybersecurity threats. The Chief Information Officer is Charles River’s Senior Vice President responsible for the Global Technology organization and for information protection at Charles River. The Chief Information Officer has more than 25 years of experience in the field, including serving as the Senior Vice President of Charles River’s Digital Transformation organization, leading the development and implementation of information technology strategies and roadmaps for digital and automation solutions.

Our Chief Information Security Officer reports to our Chief Information Officer. Our Chief Information Security Officer has more than 25 years of experience working in information technology-related roles, of which more than 10 years has been in information security leadership, and holds degrees in bio-medical engineering and computer science.

Our Chief Information Officer and Chief Information Security Officer assess our cybersecurity readiness through internal assessment tools as well as third-party control tests, vulnerability assessments, audits, and evaluation against industry standards. We have governance and compliance structures that are designed to elevate issues relating to cybersecurity to our Chief Information Officer and Chief Information Security Officer, such as potential threats or vulnerabilities. We also employ various defensive and monitoring techniques based on industry frameworks and cybersecurity standards.

Our Chief Information Officer and our Chief Information Security Officer meet regularly with the full Board, and periodically, but generally at least quarterly, with the Chief Executive Officer, Chief Operations Officer, and Audit Committee to review the company’s information technology systems and discuss key cybersecurity risks. Our Chief Information Security Officer has direct access to the Chair of our Audit Committee and keeps the Audit Committee apprised of any developments that may emerge in between regularly scheduled meetings that require its attention. Additionally, our Incident Response Plan includes escalation protocols to raise occurrences that require attention from the Audit Committee or the board of directors as a whole.

Item 2. Properties

Approximately 65% of our real estate portfolio (by area) is owned including all facilities over 200,000 square feet. The remaining facilities are owned or covered by either land or facility leases. Within the DSA business, we own or lease large facilities (greater than 50,000 square feet) in 7 countries including the U.S., Canada, China, France, Hungary, the Netherlands, and the United Kingdom. We own large RMS facilities in Canada, France, the United Kingdom, and the U.S. with additional large facilities leased in China and the U.S. Manufacturing is supported in over 10 countries with large, owned properties in the U.S., Ireland, and China which are supplemented by additional leased facilities in the U.S., the United Kingdom, France, and Germany. None of our leases is individually material to our business operations.

Many of our leases have an option to renew and we believe that we will be able to successfully renew expiring leases on satisfactory terms. In each of our reportable segments, we believe that our facilities are adequate for our operations and that suitable additional space will be available when needed. For additional information, see Note 17. Leases included in Item 8, “Financial Statements and Supplementary Data” in this Form 10-K.

We track room utilization on an ongoing basis and, depending on the needs of our clients at given times, we may need to execute on contingency plans for expansion, which average between nine and twenty-four months to complete.

Specific sites may be expanded to accommodate the business requirements resulting from a targeted consolidation plan. We continue to employ a master site planning strategy to proactively evaluate our real estate needs. Sites and leases added to the portfolio by way of acquisition are integrated into our overall real estate strategy. In situations where the associated real estate is leased, and depending on the resolution of these situations, we may be encumbered with the remaining real estate lease obligations. In certain circumstances, we dispose of or consolidate operations, which could result in impairment charges.

Item 3. Legal Proceedings

On February 17, 2023, the Company received a grand jury subpoena requesting certain documents related to an investigation by the U.S. Department of Justice (DOJ) and the U.S. Fish and Wildlife Service (USFWS) into the Company’s conduct regarding several shipments of non-human primates from Cambodia. That investigation remains ongoing and we are continuing to cooperate with the investigation. As also previously disclosed, a parallel civil investigation is being undertaken by the DOJ and

USFWS. We are also cooperating with that investigation, and although we continue to dispute the merits of certain positions taken by the DOJ and USFWS in the civil investigation, we have discussed a potential resolution of that matter with the DOJ and USFWS. Those discussions are ongoing. Although the Company maintains a global supplier onboarding and oversight program incorporating risk-based due diligence, auditing, and monitoring practices to help ensure the quality of our supplier relationships and compliance with applicable U.S. and international laws and regulations, including the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), in connection with the civil investigation, the Company has voluntarily suspended future shipments of non-human primates from Cambodia to the United States until such time that the Company and USFWS can agree upon and implement additional procedures to reasonably ensure that non-human primates imported from Cambodia are purpose-bred. The Company continues to care for the Cambodia-sourced non-human primates from certain shipments in the United States. Due to a number of factors, including the age of these NHP's during the fourth quarter of fiscal year 2024, the Company recorded a charge of \$27 million to costs of products sold within the accompanying consolidated statements of income to reflect the reduction in carrying value of this inventory to zero. On May 16, 2023, the Company received an inquiry from the Enforcement Division of the U.S. Securities and Exchange Commission (SEC) requesting it to voluntarily provide information, subsequently augmented with a document subpoena and additional inquiries, primarily related to the sourcing of non-human primates and related disclosures, and the Company is cooperating with the requests. The Company's Audit Committee has retained counsel to conduct an independent investigation into certain issues raised in the investigations, and that work is ongoing. We are not able to predict what action, if any, might be taken in the future by the DOJ, USFWS, SEC or other governmental authorities. None of the DOJ, USFWS or SEC has provided the Company with any specific timeline or indication as to when these investigations or, specific to the DOJ and USFWS, discussions regarding resolution and future processes and procedures, will be concluded or resolved. The Company cannot predict the timing, outcome or possible impact of the investigations, including without limitation any potential fines, penalties or liabilities.

A putative securities class action (Securities Class Action) was filed on May 19, 2023 against the Company and a number of its current/former officers in the United States District Court for the District of Massachusetts. On August 31, 2023, the court appointed the State Teachers Retirement System of Ohio as lead plaintiff. An amended complaint was filed on November 14, 2023 that, among other things, included only James Foster, the Chief Executive Officer and David R. Smith, the former Chief Financial Officer as defendants along with the Company. The amended complaint asserts claims under §§ 10(b) and 20(a) of the Securities Exchange Act of 1934 (the Exchange Act) on behalf of a putative class of purchasers of Company securities from May 5, 2020 through February 21, 2023, alleging that certain of the Company's disclosures about its practices with respect to the importation of non-human primates made during the putative class period were materially false or misleading. On July 1, 2024, the court dismissed the complaint, denied the plaintiff's informal request for leave to amend, and entered judgment for defendants. On July 30, the plaintiff filed a notice of appeal in the United States Court of Appeals for the First Circuit. While the Company cannot predict the final outcome of this matter, it believes the class action to be without merit and plans to vigorously defend against it. The Company cannot reasonably estimate the maximum potential exposure or the range of possible loss in association with this matter.

On November 8, 2023, a stockholder filed a derivative lawsuit in the U.S. District Court of the District of Delaware asserting claims on the Company's behalf against the members of the Company's Board of Directors and certain of the Company's current/former officers (James Foster, the Chief Executive Officer; David R. Smith, the former Chief Financial Officer; and Flavia Pease, the current Chief Financial Officer). The complaint alleges that the defendants breached their fiduciary duties to the Company and its stockholders because certain of the Company's disclosures about its practices with respect to the importation of non-human primates were materially false or misleading. The complaint also alleges that the defendants breached their fiduciary duties by causing the Company to fail to maintain adequate internal controls over securities disclosure and compliance with applicable law and by failing to comply with the company's Code of Business Conduct and Ethics. On August 2, 2024, a different stockholder filed a lawsuit in the U.S. District Court of Delaware asserting similar derivative claims on the Company's behalf against members of the Company's current and former Board of Directors and the same current/former officers based on similar allegations of purportedly misleading disclosures and non-compliance with legal rules and ethics standards in respect of the importation of non-human primates, as well as insider-trading claims against certain of the defendants. Both of these lawsuits are currently stayed by agreement of the parties pending further developments in the Securities Class Action pending in the United States Court of Appeals for the First Circuit. While the Company cannot predict the outcome of these matters, it believes the derivative lawsuits to be without merit and plans to vigorously defend against them. The Company cannot reasonably estimate the maximum potential exposure or the range of possible loss in association with these matters.

Item 4. Mine Safety Disclosures

Not applicable.

PART II

Item 5. Market for Registrant’s Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

Our common stock began trading on the New York Stock Exchange on June 23, 2000 under the symbol “CRL.” There were no equity securities that were not registered under the Securities Act of 1933, as amended, sold during fiscal year 2024.

Shareholders

As of January 25, 2025, there were 63 registered shareholders of the outstanding shares of common stock.

Issuer Purchases of Equity Securities

The following table provides information relating to our purchases of shares of our common stock during the fourth quarter of fiscal 2024:

	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Approximate Dollar Value of Shares That May Yet Be Purchased Under the Plans or Programs
(in thousands)				
September 29, 2024 to October 26, 2024	198	\$ 194.96	—	\$ 899,326
October 27, 2024 to November 23, 2024	—	—	—	899,326
November 24, 2024 to December 28, 2024	430	199.06	—	899,326
Total	628		—	

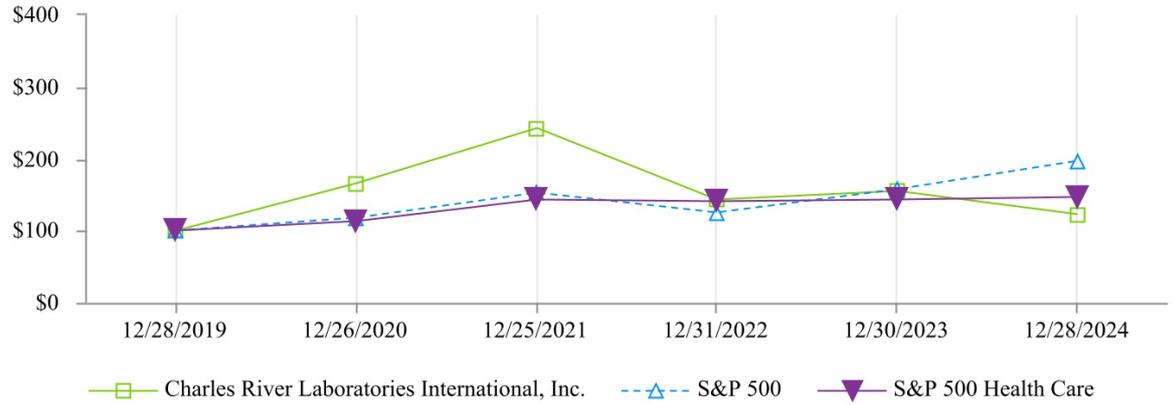
On August 2, 2024, the Company’s Board of Directors approved a stock repurchase authorization of \$1.0 billion. This authorization fully replaces a prior stock repurchase authorization of \$1.3 billion that had \$129.1 million remaining when it was terminated. In fiscal year 2024, the Company repurchased 0.5 million shares of common stock for \$100.7 million under the new stock repurchase program. As of December 28, 2024, the Company had \$899.3 million remaining on the current authorized stock repurchase program.

Additionally, our stock-based compensation plans permit the netting of common stock upon vesting of restricted stock, restricted stock units, and performance share units in order to satisfy individual statutory tax withholding requirements.

Comparison of 5-Year Cumulative Total Return

The following stock performance graph compares the annual percentage change in the Company’s cumulative total shareholder return on its Common Stock during a period commencing on December 28, 2019 and ending on December 28, 2024 (as measured by dividing (1) the sum of (A) the cumulative amount of dividends for the measurement period, assuming dividend reinvestment, and (B) the difference between the Company’s share price at the end and the beginning of the measurement period; by (2) the share price at the beginning of the measurement period) with the cumulative total return of the S&P 500 Index and the S&P 500 Health Care Index during such period. The Company has not paid any dividends on the Common Stock, and no dividends are included in the representation of the Company’s performance. The stock price performance on the graph below is not necessarily indicative of future price performance. The graph is not “soliciting material,” is not deemed filed with the Securities and Exchange Commission, and is not to be incorporated by reference in any filing of the Company under the Securities Act of 1933 or the Securities Exchange Act of 1934 whether made before or after the date hereof and irrespective of any general incorporation language in any such filing. Information used in the graph was obtained from Standards & Poor’s Institutional Market Services, a source believed to be reliable, but the Company is not responsible for any errors or omissions in such information.

COMPARISON OF 5-YEAR CUMULATIVE TOTAL RETURN
 Among Charles River Laboratories International, Inc., The S&P 500 Index and
 The S&P 500 Health Care Index



	Fiscal Year					
	2019	2020	2021	2022	2023	2024
Charles River Laboratories International, Inc.	\$ 100	\$ 166	\$ 243	\$ 143	\$ 156	\$ 123
S&P 500	100	118	152	125	158	197
S&P 500 Health Care	100	113	143	140	143	147

Item 6. Reserved

Not applicable.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion should be read in conjunction with our consolidated financial statements and related notes appearing in Item 8, "Financial Statements and Supplementary Data" in this Annual Report on Form 10-K. A discussion of our results of operations for the fiscal year ended December 30, 2023 and a comparison of our results for the fiscal years ended December 30, 2023 and December 31, 2022 was included in Item 7. "Management's Discussion and Analysis of Financial Condition and Results of Operations," of our Annual Report on Form 10-K for the fiscal year ended December 30, 2023, filed with the SEC on February 14, 2024. In addition to historical consolidated financial information, the following discussion contains forward-looking statements. Actual results may differ significantly from those projected in the forward-looking statements. Factors that might cause future results to differ materially from those projected in the forward-looking statements include, but are not limited to, those discussed in Item 1A, "Risk Factors" and elsewhere in this Annual Report on Form 10-K. Certain percentage changes may not recalculate due to rounding.

Overview

We are a leading, full service, non-clinical global drug development partner. For over 75 years, we have been in the business of providing the research models required in the research and development of new drugs, devices, and therapies. Over this time, we have built upon our original core competency of laboratory animal medicine and science (research model technologies) to develop a diverse portfolio of discovery and safety assessment services, both Good Laboratory Practice (GLP) and non-GLP, that supports our clients from target identification through non-clinical development. We also provide a suite of products and services to support our clients' manufacturing activities. Utilizing our broad portfolio of products and services enables our clients to create a more efficient and flexible drug development model, which reduces their costs, enhances their productivity and effectiveness, and increases speed to market.

Our client base includes major global pharmaceutical companies, many biotechnology companies; agricultural and industrial chemical, life science, veterinary medicine, medical device, diagnostic and consumer product companies; contract research and contract manufacturing organizations; and other commercial entities, as well as leading hospitals, academic institutions, and government agencies around the world. We currently operate in over 130 sites and in over 20 countries worldwide, which numbers exclude certain Insourcing Solutions (IS) sites.

Segment Reporting

Our three reportable segments are Research Models and Services (RMS), Discovery and Safety Assessment (DSA), and Manufacturing Solutions (Manufacturing).

Our RMS reportable segment includes the products and services offered within Research Models, Research Model Services, and Cell Solutions. Research Models includes the commercial production and sale of small research models, as well as the supply of large research models. Research Model Services includes: Insourcing Solutions (IS), which provides colony management of our clients' research operations (including recruitment, training, staffing, and management services) within our clients' facilities as well as our own vivarium space, utilizing our Charles River Accelerator and Development Lab (CRADL™) offerings, Genetically Engineered Models and Services (GEMS), which performs contract breeding and other services associated with genetically engineered models; and Research Animal Diagnostic Services (RADS), which provides health monitoring and diagnostics services related to research models; and Cell Solutions provides controlled, consistent, customized primary cells and blood components derived from normal and mobilized peripheral blood and bone marrow as well as cells from disease state donors.

Our DSA segment is comprised of Discovery Services and Safety Assessment services. We provide regulated and non-regulated DSA services to support the discovery, development, and regulatory-required safety testing of potential new drugs, including *in vitro* (non-animal) and *in vivo* (in research models) studies, laboratory support services, including bioanalytical and strategic non-clinical consulting and program management to support product development.

Our Manufacturing reportable segment includes Microbial Solutions, which provides *in vitro* lot-release testing products, microbial detection products, and species identification services and Biologics Solutions (Biologics), which performs specialized testing of biologics (Biologics Testing Solutions) as well as contract development and manufacturing products and services (CDMO). In December of 2022, we sold the Avian Vaccine Services (Avian) business, reported in the Manufacturing segment, which supplied specific-pathogen-free chicken eggs and chickens.

Fiscal Quarters

Our fiscal year is typically based on 52-weeks, with each quarter composed of 13 weeks ending on the last Saturday on, or closest to, March 31, June 30, September 30, and December 31. A 53rd week in the fourth quarter of the fiscal year is occasionally necessary to align with a December 31 calendar year-end, which occurred in fiscal year 2022.

Business Trends

In fiscal year 2024, biopharmaceutical clients intensified their actions around restructuring initiatives and reprioritized their drug development programs, leading to constrained budgetary spending. The uncertainty from a combination of a macroeconomic slowdown, pending patent expirations, and the impact of the Inflation Reduction Act (IRA) on drug pricing had led to significant cost-cutting measures by our large biopharmaceutical clients, including significant restructuring initiatives aimed at improving efficiency and reprioritization of spending shifting to late-stage clinical pipelines. In addition, while biotechnology companies benefited from a more favorable funding environment in fiscal year 2024, recovery for this client base has occurred at a more gradual pace than anticipated due in part to uncertainty around future funding levels and the broader interest rate environment.

Despite the current, challenging market environment, many of our pharmaceutical and biotechnology clients continued to benefit from the long-term value of strategic outsourcing to improve their operating efficiency and to access capabilities that they do not maintain internally. Many of our large biopharmaceutical clients have continued to rely on relationships with outsourced partners like Charles River to enhance their drug discovery and early-stage development efforts, and biotechnology companies to assist them in bringing new drugs to market. However, because of their more cautious view with regard to early-stage R&D spending, revenue due to both large biopharmaceutical clients and small and mid-sized biotechnology client declined in fiscal year 2024. However, our ability to continue to deliver our leading suite of research, non-clinical development, and clinical bioanalytical solutions has endeavored our clients to continue to choose to partner with us for our flexible and efficient outsourcing solutions, broad scientific capabilities, and global scale.

Within the DSA segment, these demand trends led to lower study volumes in both Safety Assessment and Discovery businesses, principally driven by softer demand from both large biopharmaceutical clients and small and mid-sized biotechnology clients. Demand trends for large biopharmaceutical clients stabilized at a lower level during the second half of 2024; however, many of these clients are still in a period of tighter budgetary spending, continuing to reprioritize pipelines or eliminate some programs, which influences our cautious outlook for the near-term biopharmaceutical demand environment. In addition, while biotechnology companies benefited from a more favorable funding environment and a slight improvement in demand trends during fiscal year 2024, recovery for this client base occurred at a more gradual pace than anticipated. DSA backlog decreased to \$2.0 billion as of December 28, 2024 from \$2.5 billion as of December 30, 2023. To enhance operational efficiency within the segment, the global Discovery and Safety Assessment businesses will implement a “One DSA” integrated operating structure. This unification will focus on a combined salesforce and leadership approach, with integrated scientific programming in order to facilitate a more seamless client experience and enhance the Company’s client relationships.

Revenue for RMS increased in fiscal year 2024 due largely to revenue contributions from the acquisition of a controlling interest in Noveprim, as well as increased pricing for small research models. Offsetting this growth, the challenging biopharmaceutical demand environment led to lower revenue for research model services, including Insourcing Solution’s CRADL™ operations. However, CRADL™ continues to be an attractive business model as a cost-effective and flexible solution for clients allowing access to vivarium space without having to invest in internal infrastructure. This flexibility is particularly valuable in the current environment, where organizations are seeking to optimize their research budgets and minimize operational costs. We are confident that research models and services will remain essential tools for our clients’ drug discovery and early-stage development efforts.

Revenue for products and services that support biopharmaceutical clients’ manufacturing activities increased across the Manufacturing Solutions segment in fiscal year 2024. The Microbial Solutions business experienced robust growth as client destocking activity by large biopharmaceutical and CDMO clients was largely completed in the prior year. The growth was further driven by higher revenue of our rapid microbial testing solutions, primarily for Endosafe® testing consumables and instruments. Our Biologics business benefited from improved volumes for biologics quality-control testing services, as well as increased demand for our cell and gene therapy CDMO services during the year. Since the strategic acquisition of the CDMO businesses in 2021, Cognate and Vigene, significant steps have been taken, such as establishing Centers of Excellence for cell therapy, viral vectors, and plasmids, to support the emerging modalities and technologies enhanced operations and capabilities. However, in December 2024, our Biologics business experienced the loss of certain key customers, ultimately resulting in a reduction in its long range financial outlook. As a result, the Company expects lower revenue from commercial clients to impact its CDMO business in 2025.

In response to recent trends observed across each of our businesses, we have undertaken and will continue to implement restructuring actions at various locations across North America, Europe, and Asia. This includes workforce right-sizing actions,

resulting in severance and transition costs; and costs related to the consolidation of facilities to optimize our global footprint and drive greater operating efficiency across the Company, resulting in asset impairment, accelerated depreciation, and other site consolidation charges. During fiscal 2023, the Company began to take restructuring actions as a result of these emerging business trends. The Company incurred restructuring charges of \$107.0 million and \$29.7 million during the fiscal years 2024 and 2023, respectively. We expect that these effectuated actions, as well as other upcoming planned actions designed to optimize our global footprint to drive greater operating efficiency, will result in approximately \$225 million of cost savings on an annualized basis, of which approximately \$100 million impacted fiscal 2024.

Despite the near-term market pressures, we believe clients will continue to benefit from the long-term value of strategic outsourcing to improve their operating efficiency and to access capabilities that they do not maintain internally. We believe that our comprehensive scientific capabilities and global scale, as well as the breadth and depth of our scientific expertise, quality, and responsiveness remain key criteria when our clients make the decision to outsource to us. As the scientific partner of choice to accelerate biomedical research, we are committed to driving greater efficiency and speed while providing exceptional service to our clients.

Recent Acquisitions

We make strategic acquisitions designed to expand our portfolio of products and services to support the drug discovery and development continuum. We maintain an acquisition strategy that focuses on augmenting internal growth of existing businesses with complementary acquisitions. Our recent transactions are described below.

On November 30, 2023, we completed our acquisition of an additional 41% equity interest of Noveprim Group (Noveprim), a leading supplier of non-human primates (NHPs) located in Mauritius, resulting in a 90% controlling interest. We had previously acquired a 49% equity interest in 2022 for \$90.0 million plus additional contingent payments up to \$5.0 million based on future performance. The total consideration allocable to the Noveprim acquisition is \$392.4 million, which includes \$144.6 million additional cash paid for the 41% equity interest, elimination of historical activity and intercompany balances of \$209.5 million which includes a remeasurement gain on the 49% equity investment of \$113.0 million, contingent consideration of \$33.3 million, deferred purchase price of \$12.0 million payable from 2024 through 2027, offset by estimated post-closing adjustments for working capital of \$7.0 million. The purchase price reflected an agreement with the seller on working capital and debt, which was adjusted from \$13.8 million to \$7.0 million during fiscal year 2024. As a result of measurement period adjustments to the purchase price, goodwill and remeasurement gains on the previous 49% equity investment during fiscal year 2024, were increased by \$17.6 million and \$9.8 million, respectively. Remeasurement gains are recorded in Other income (expense), net, within the consolidated statements of income. The contingent consideration fair value is estimated using a Monte Carlo Simulation model and the maximum contingent contractual payments are up to \$55.0 million based on future performance and milestone achievements from fiscal years 2023 through 2025. The Company has the call option right to purchase the remaining 10% equity interest up until one month after the sixth anniversary of closing the 41% equity interest. On the first anniversary of the expiration of the call option, a 12-month put option will be triggered giving the seller the right to require us to acquire the remaining shares of the seller. The redemption price for the call/put is fixed and ranges from \$47.0 million to \$54.0 million depending on when exercised. The noncontrolling interest is classified as a redeemable noncontrolling interest in the mezzanine section of the consolidated balance sheets. The acquisition was funded through a combination of available cash and proceeds from our Credit Facility. This business is reported as part of our DSA reportable segment for NHPs vertically integrated into the DSA supply chain and the RMS reportable segment for those NHPs sold to third party customers.

On January 27, 2023, we acquired SAMDI Tech, Inc., (SAMDI), a leading provider of high-quality, label-free high-throughput screening (HTS) solutions for drug discovery research. The acquisition of SAMDI will provide clients with seamless access to the premier, label-free HTS MS platform and create a comprehensive, library of drug discovery solutions. The purchase price of SAMDI was \$62.8 million, net of \$0.4 million in cash, inclusive of a 20% strategic equity interest previously owned by us of \$12.6 million. The acquisition was funded through a combination of available cash and proceeds from our Credit Facility. This business is reported as part of our DSA reportable segment.

U.S. Government Investigations into Non-Human Primate Supply Chain

On February 17, 2023, we received a grand jury subpoena requesting certain documents related to an investigation by the U.S. Department of Justice (DOJ) and the U.S. Fish and Wildlife Service (USFWS) into our conduct regarding several shipments of non-human primates from Cambodia. That investigation remains ongoing and we are continuing to cooperate with the investigation. As also previously disclosed, a parallel civil investigation is being undertaken by the DOJ and USFWS. We are also cooperating with that investigation, and although we continue to dispute the merits of certain positions taken by the DOJ and USFWS in the civil investigation, we have discussed a potential resolution of that matter with the DOJ and USFWS. Those discussions are ongoing. Although we maintain a global supplier onboarding and oversight program incorporating risk-based due diligence, auditing, and monitoring practices to help ensure the quality of our supplier relationships and compliance with applicable U.S. and international laws and regulations, including the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), in connection with the civil investigation, we have voluntarily suspended future shipments of non-human primates from Cambodia to the United States until such time that we and USFWS can agree upon and implement additional procedures to reasonably ensure that non-human primates imported from Cambodia are purpose-bred. We continue to care for the Cambodia-sourced non-human primates from certain shipments in the United States. Due to a number of factors, including the age of these NHP's, during the fourth quarter of fiscal year 2024, we recorded a charge of \$27 million to costs of products sold within the accompanying consolidated statements of income to reflect the reduction in carrying value of this inventory to zero. On May 16, 2023, we received an inquiry from the Enforcement Division of the U.S. Securities and Exchange Commission (SEC) requesting us to voluntarily provide information, subsequently augmented with a document subpoena and additional inquiries, primarily related to the sourcing of non-human primates and related disclosures, and we are cooperating with the requests. Our Audit Committee has retained counsel to conduct an independent investigation into certain issues raised in the investigations, and that work is ongoing. We are not able to predict what action, if any, might be taken in the future by the DOJ, USFWS, SEC or other governmental authorities. None of the DOJ, USFWS or SEC has provided us with any specific timeline or indication as to when these investigations or, specific to the DOJ and USFWS, discussions regarding resolution and future processes and procedures, will be concluded or resolved. We cannot predict the timing, outcome or possible impact of the investigations, including without limitation any potential fines, penalties or liabilities.

Critical Accounting Policies and Estimates

Our discussion and analysis of our financial condition and results of operations is based upon our consolidated financial statements prepared in accordance with generally accepted accounting principles in the United States (U.S.). The preparation of these financial statements requires us to make certain estimates and assumptions that may affect the reported amounts of assets and liabilities, the reported amounts of revenues and expenses during the reported periods and related disclosures. These estimates and assumptions are monitored and analyzed by us for changes in facts and circumstances, and material changes in these estimates could occur in the future. We base our estimates on our historical experience, trends in the industry, and various other factors that are believed to be reasonable under the circumstances. Actual results may differ from our estimates under different assumptions or conditions. Our significant accounting policies are more fully described in Note 1, "Description of Business and Summary of Significant Accounting Policies", to our consolidated financial statements contained in Item 8, "Financial Statements and Supplementary Data" in this Annual Report on Form 10-K.

An accounting policy is deemed to be critical if the nature of the estimates or assumptions is material due to the levels of subjectivity and judgment necessary to account for highly uncertain matters or the susceptibility of such matters to change, and the impact of the estimates and assumptions on our consolidated financial statements is or may be material. We believe the following represent our critical accounting policies and estimates used in the preparation of our financial statements:

Revenue Recognition

Revenue is recognized when, or as, obligations under the terms of a contract are satisfied, which occurs when control of the promised products or services is transferred to customers. Revenue is measured as the amount of consideration we expect to receive in exchange for transferring products or services to a customer ("transaction price").

To the extent the transaction price includes variable consideration, we estimate the amount of variable consideration that should be included in the transaction price utilizing the amount to which we expect to be entitled. Variable consideration is included in the transaction price if, in our judgment, it is probable that a significant future reversal of cumulative revenue under the contract will not occur. Estimates of variable consideration and determination of whether to include estimated amounts in the transaction price are based largely on an assessment of our anticipated performance and all information (historical, current and forecasted) that is reasonably available. Sales, value add, and other taxes collected on behalf of third parties are excluded from revenue.

When determining the transaction price of a contract, an adjustment is made if payment from a customer occurs either significantly before or significantly after performance, resulting in a significant financing component. Generally, we do not extend payment terms beyond one year. Applying the practical expedient, we do not assess whether a significant financing

component exists if the period between when we perform our obligations under the contract and when the customer pays is one year or less. Our contracts do not generally contain significant financing components.

Contracts with customers may contain multiple performance obligations. For such arrangements, the transaction price is allocated to each performance obligation based on the estimated relative standalone selling prices of the promised products or services underlying each performance obligation. We determine standalone selling prices based on the price at which the performance obligation is sold separately. If the standalone selling price is not observable through past transactions, we estimate the standalone selling price taking into account available information such as market conditions and internally approved pricing guidelines related to the performance obligations.

Contracts are often modified to account for changes in contract specifications and requirements. Contract modifications exist when the modification either creates new, or changes existing, enforceable rights and obligations. Generally, when contract modifications create new performance obligations, the modification is considered to be a separate contract and revenue is recognized prospectively. When contract modifications change existing performance obligations, the impact on the existing transaction price and measure of progress for the performance obligation to which it relates is generally recognized as an adjustment to revenue (either as an increase in or a reduction of revenue) on a cumulative catch-up basis.

Product revenue is generally recognized when the customer obtains control of our product, which occurs at a point in time, and may be upon shipment or upon delivery based on the contractual shipping terms of a contract. Service revenue is generally recognized over time as the services are delivered to the customer based on the extent of progress towards completion of the performance obligation. The selection of the method to measure progress towards completion requires judgment and is based on the nature of the products or services to be provided. Depending on which better depicts the transfer of value to the customer, we generally measure our progress using either cost-to-cost (input method) or right-to-invoice (output method). We use the cost-to-cost measure of progress when it best depicts the transfer of value to the customer which occurs as we incur costs on our contract, generally related to fixed fee service contracts. Under the cost-to-cost measure of progress, the extent of progress towards completion is measured based on the ratio of costs incurred to date to the total estimated costs at completion of the performance obligation. The costs calculation includes variables such as labor hours, allocation of overhead costs, research model costs, and subcontractor costs. Revenue is recorded proportionally as costs are incurred. The right-to-invoice measure of progress is generally related to rate per unit contracts, as the extent of progress towards completion is measured based on discrete service or time-based increments, such as samples tested or labor hours incurred. Revenue is recorded in the amount invoiced since that amount corresponds directly to the value of our performance to date. During fiscal year 2024, \$2.4 billion, or approximately 60%, of our total revenue recognized (\$4.0 billion) is DSA service and product revenue transferred over time.

Business Combinations

We use assumptions and estimates in determining the fair value of assets acquired and liabilities assumed in a business combination. The determination of the fair value of intangible assets (including goodwill) and certain biological assets, which represent a significant portion of the purchase price in certain recent acquisitions, requires the use of significant judgment with regard to (i) the fair value; and (ii) whether such assets are amortizable or non-amortizable and, if the former, the period and the method by which the asset will be amortized. We utilize commonly accepted valuation techniques, such as the income, cost and market approaches, as appropriate, in establishing the fair value of these assets. Typically, key assumptions include projections of cash flows that arise from these assets of acquired businesses as well as discount rates based on an analysis of the weighted average cost of capital, adjusted for specific risks associated with the assets.

In our recent acquisitions, customer relationship intangible assets (also referred to as client relationships) and certain biological assets have been the most significant identifiable assets acquired. To determine the fair value of the acquired client relationships and biological assets, we utilized the multiple period excess earnings model (a commonly accepted valuation technique), which includes the following key assumptions: projections of cash flows from the acquired entities, which included future revenue, cost of revenue, operating income margins, customer attrition rates, productivity rates; as well as discount rates based on a market participant's weighted average cost of capital. During fiscal year 2024, we did not enter into any acquisitions. The value of the client relationship acquired was \$23 million and the value of the biological assets acquired was \$168 million for fiscal year 2023.

Goodwill

We evaluate goodwill for impairment annually, during the fourth quarter, and when events occur or circumstances change that may reduce the fair value of the asset below its carrying amount. Events or circumstances that might require an interim evaluation include, but are not limited to, unexpected adverse business conditions, economic factors, unanticipated technological changes or competitive activities, loss of key customers or personnel, and acts by governments and courts. Estimates of future cash flows require assumptions related to revenue and operating income growth, asset-related expenditures, working capital levels and other factors. Different assumptions from those made in our analysis could materially affect projected cash flows and our evaluation of goodwill for impairment.

We perform the quantitative impairment test where we compare the fair value of our reporting units to their carrying values. If the carrying values of the net assets assigned to the reporting units exceed the fair values of the reporting units, then we would record an impairment loss equal to the difference. In fiscal years 2024 and 2023 we performed the quantitative goodwill impairment test for our reporting units. Fair value was determined by using a weighted combination of a market-based approach and an income approach, as this combination was deemed to be the most indicative of our fair value in an orderly transaction between market participants. Under the market-based approach, we utilized information about our company as well as publicly available industry information to determine earnings multiples and sales multiples that are used to value our reporting units. Under the income approach, we determined fair value based on the estimated future cash flows of each reporting unit, discounted by an estimated weighted-average cost of capital, which reflects the overall level of inherent risk of the reporting unit and the rate of return an outside investor would expect to earn.

During the third quarter ended September 28, 2024, a triggering event was identified for the Discovery Services reporting unit (part of the DSA reportable segment). This resulted from a continuous decline in market conditions and operational challenges, ultimately resulting in a reduction of Discovery Services' long range financial outlook. In response, we conducted a quantitative impairment test for goodwill to determine if the goodwill in the Discovery Services reporting unit was impaired. Upon completion of a quantitative impairment test, it was determined that the fair value of the reporting unit exceeded its carrying value by approximately 22%, and no impairment was recognized as of September 28, 2024. As of the annual impairment test date, the fair value of the reporting unit exceeded its carrying value by approximately 16% and no impairment was recognized as of December 28, 2024. While the Discovery Services reporting unit is not currently impaired, we will continue to closely monitor future performance and any potential impacts on the value of the reporting unit. If the estimated future cash flows decrease below our current expectations, specifically as a result of lower revenue growth rates or lower operating income margins, or due to an increase of the weighted-average cost of capital, the fair value may decrease below the carrying value, which may result in a material goodwill impairment.

During the fourth quarter ended December 28, 2024, a triggering event was identified for the Biologics Solutions reporting unit after the annual impairment assessment. This resulted from a loss of key customers, ultimately resulting in a reduction in Biologics Solutions' long range financial outlook. In response, we conducted a quantitative impairment test for goodwill to determine if the goodwill in the Biologics Solutions reporting unit was impaired. The fair value of the Biologics Solutions reporting unit tested for impairment during 2024 was determined based on a discounted cash flow model (an income approach) and earnings multiples (a market approach) based on the guideline public company method. Significant assumptions used in the determination of fair value of the Biologics Solutions reporting unit generally include forecasted cash flows, discount rates, terminal growth rates and earnings multiples. The discounted cash flow model used to determine the fair value of the Biologics Solutions reporting unit as of the impairment triggering date reflected assumptions related to revenue growth rates, operating income margins, discount rate and terminal growth rate. The Biologics Solutions reporting unit fair value measurement is classified as Level 3 in the fair value hierarchy because they involve significant unobservable inputs.

Upon completion of a quantitative impairment test, it was determined that the fair value of the reporting unit was below its carrying value, resulting in a goodwill impairment of approximately \$215.0 million. We will continue to closely monitor future performance and any potential impacts on the value of the reporting unit. If the estimated future cash flows decrease below our current expectations, specifically as a result of lower revenue growth rates or operating income margins, or due to an increase of the weighted-average cost of capital, the fair value may further decrease resulting in an incremental material goodwill impairment.

Our 2024 and 2023 impairment tests indicated that goodwill was not impaired for any other reporting units.

Valuation and Impairment of Long-Lived Assets

Long-lived assets to be held and used, principally definite-lived intangible assets, biological assets, right-of-use lease assets, and property, plant, and equipment, are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of the assets or asset group may not be recoverable. Factors we consider important that could trigger an impairment review include, but are not limited to, the following:

- significant underperformance relative to expected historical or projected future operating results;
- loss of key customers;
- significant negative industry or economic trends; or
- significant changes or developments in strategy or operations that negatively affect the utilization of our long-lived assets.

Determination of recoverability is based on an estimate of undiscounted future cash flows resulting from the use of the asset or asset group, net of any sublease income, if applicable, and its eventual disposition. In the event that such cash flows are not expected to be sufficient to recover the carrying amount of the assets, the assets are written-down to their fair values. We

measure any impairment based on a projected discounted cash flow method using a discount rate determined by management to be commensurate with the risk inherent in our current business model. Significant judgments are required to estimate future cash flows, including the selection of appropriate discount rates and other assumptions. We may also estimate fair value based on market prices for similar assets, as appropriate. Changes in these estimates and assumptions could materially affect the determination of fair value for these assets. Actual cash flows arising from a particular intangible asset could vary from projected cash flows which could imply different carrying values from those established at the dates of acquisition and which could result in impairment of such asset.

During the fourth quarter ended December 28, 2024, a triggering event was identified for the Cell Therapy asset group within the Biologics Solutions business as there was a loss of key customers, resulting in a significant reduction in cash flows. We concluded there were no impairments for the asset group related to this triggering event, however the remaining useful life of the intangible asset within the asset group was reduced to less than 1 year.

Long-lived asset impairments associated with our right-of-use lease assets and property, plant, and equipment, recognized during fiscal years 2024 and 2023 were \$51.8 million and \$41.9 million, respectively.

Income Taxes

We prepare and file income tax returns based on our interpretation of each jurisdiction's tax laws and regulations. In preparing our consolidated financial statements, we estimate our income tax liability in each of the jurisdictions in which we operate by estimating our actual current tax expense together with assessing temporary differences resulting from differing treatment of items for tax and financial reporting purposes. These differences result in deferred tax assets and liabilities, which are included in our consolidated balance sheets. Significant management judgment is required in assessing the realizability of our deferred tax assets. In performing this assessment, we consider whether it is more likely than not that some portion or all of the deferred tax assets will not be realized. The ultimate realization of deferred tax assets is dependent upon the generation of future taxable income during the periods in which those temporary differences become deductible. In making this determination, under the applicable financial accounting standards, we are allowed to consider the scheduled reversal of deferred tax liabilities, projected future taxable income, and the effects of tax planning strategies. Our valuation allowance was \$286.8 million as of December 28, 2024. In the event actual results differ from our estimates, we will adjust our estimates in future periods and may establish additional allowances or reversals as necessary.

We account for uncertain tax positions using a "more-likely-than-not" threshold for recognizing and resolving uncertain tax positions. We evaluate uncertain tax positions on a quarterly basis and consider various factors, that include, but are not limited to, changes in tax law, the measurement of tax positions taken or expected to be taken in tax returns, the effective settlement of matters subject to audit, information obtained during in process audit activities and changes in facts or circumstances related to a tax position. We adjust the level of the liability to reflect any subsequent changes in the relevant facts surrounding the uncertain positions. Our liabilities for uncertain tax positions can be relieved only if the contingency becomes legally extinguished through either payment to the taxing authority or the expiration of the statute of limitations, the recognition of the benefits associated with the position meet the "more-likely-than-not" threshold or the liability becomes effectively settled through the controversy process. We consider matters to be effectively settled once the taxing authority has completed all of its required or expected examination procedures, including all appeals and administrative reviews; we have no plans to appeal or litigate any aspect of the tax position; and we believe that it is highly unlikely that the taxing authority would re-examine the related tax position. We also accrue for potential interest and penalties related to unrecognized tax benefits in income tax expense.

We generally receive a tax deduction upon the exercise of non-qualified stock options by employees, or the vesting of restricted stock and performance share units held by employees. The stock price, timing, and amount of vesting and exercising of stock-based compensation could materially impact our current tax expense.

Our global operations make the effective tax rate sensitive to significant tax law changes. Several countries have begun to enact legislation to implement the Organization for Economic Cooperation and Development's (OECD) international tax framework, including the Pillar II global minimum tax regime with effect from January 1, 2024 or later. We are currently monitoring these developments. To date, we have not nor, expect there to be a material financial impact.

New Accounting Pronouncements

For a discussion of new accounting pronouncements, refer to Note 1, "Description of Business and Summary of Significant Accounting Policies" to our consolidated financial statements contained in Item 8, "Financial Statements and Supplementary Data," in this Annual Report on Form 10-K.

Results of Operations

Consolidated Results of Operations and Liquidity

Revenue for fiscal year 2024 was \$4.0 billion compared to \$4.1 billion in fiscal year 2023. The 2024 decrease as compared to the corresponding period in 2023 was \$79.4 million, or 1.9%, and was primarily due to our DSA business, which experienced lower volume driven by more cautious client spending as a result of the biopharmaceutical demand environment; partially offset by higher revenue within our Manufacturing businesses and the recent acquisition of Noveprim within our RMS business when compared to fiscal year 2023.

In fiscal year 2024, our operating income and operating income margin were \$227.3 million and 5.6%, respectively, compared with \$617.3 million and 14.9%, respectively, in fiscal year 2023. The decreases in operating income and operating income margins for fiscal year 2024 were primarily due to the revenue impacts described above, charge related to the goodwill impairment within our Manufacturing business, recent restructuring activities, including severance, asset impairments, and other site consolidation costs, and an inventory charge incurred in connection with the investigations by the U.S. government into the non-human primate supply chain.

Net income available to Charles River Laboratories International Inc, common shareholders decreased to \$10.3 million in fiscal year 2024, from \$474.6 million in the corresponding period of 2023. The decrease in net income available to common shareholders of \$464.3 million was due principally to the decreases in operating income described above.

During fiscal year 2024, our cash flows from operations was \$734.6 million compared with \$683.9 million for fiscal year 2023. The increase in net cash provided by operating activities was primarily due to favorable performance across our revenue related accounts, including collections on trade receivables, deferred revenue, and customer deposits; benefiting cash provided by operations by \$46.7 million, lower purchases of inventory supporting our Safety Assessment business, benefiting our cash provided by operations by \$16.8 million; partially offset by \$27.6 million related to accrued compensation, and timing of payments to our suppliers and vendors reducing our cash provided by operations by \$14.3 million.

Revenue and Operating Income

The following tables present consolidated revenue by type and by reportable segment:

	Fiscal Year		\$ change	% change
	2024	2023		
	(in thousands, except percentages)			
Service revenue	\$ 3,304,138	\$ 3,440,019	\$ (135,881)	(4.0)%
Product revenue	745,851	689,390	56,461	8.2 %
	<u>\$ 4,049,989</u>	<u>\$ 4,129,409</u>	<u>\$ (79,420)</u>	<u>(1.9)%</u>

	Fiscal Year		\$ change	% change	Impact of FX
	2024	2023			
	(in thousands, except percentages)				
RMS	\$ 829,377	\$ 792,343	\$ 37,034	4.7 %	(0.2)%
DSA	2,451,280	2,615,623	(164,343)	(6.3)%	0.2 %
Manufacturing	769,332	721,443	47,889	6.6 %	(0.2)%
Total revenue	<u>\$ 4,049,989</u>	<u>\$ 4,129,409</u>	<u>\$ (79,420)</u>	<u>(1.9)%</u>	<u>0.1 %</u>

Analysis of Segment Results

The following table presents operating income (loss) by reportable segment:

	Fiscal Year		\$ change	% change	Impact of FX
	2024	2023			
	(in thousands, except percentages)				
RMS	\$ 114,411	\$ 154,666	\$ (40,255)	(26.0)%	(0.3)%
DSA	442,510	606,076	(163,566)	(27.0)%	0.6 %
Manufacturing	(71,453)	88,329	(159,782)	(180.9)%	(0.9)%
Unallocated corporate	(258,121)	(231,810)	(26,311)	11.4 %	0.2 %
Total operating income	\$ 227,347	\$ 617,261	\$ (389,914)	(63.2)%	0.3 %
Operating income % of revenue	5.6 %	14.9 %			(930) bps

The following presents and discusses our consolidated financial results by each of our reportable segments:

RMS

	Fiscal Year		\$ change	% change	Impact of FX
	2024	2023			
	(in thousands, except percentages)				
Revenue	\$ 829,377	\$ 792,343	\$ 37,034	4.7 %	(0.2)%
Cost of revenue (excluding amortization of intangible assets)	580,491	509,970	70,521	13.8 %	
Selling, general and administrative	110,982	105,965	5,017	4.7 %	
Amortization of intangible assets	23,493	21,742	1,751	8.1 %	
Operating income	\$ 114,411	\$ 154,666	\$ (40,255)	(26.0)%	(0.3)%
Operating income % of revenue	13.8 %	19.5 %			(570) bps

RMS revenue increased \$37.0 million due primarily to an increase in large research model product revenue, principally due to the recent acquisition of Noveprim, which contributed \$39.4 million, and an increase in small research model revenue in all geographic areas; partially offset by lower Cell Solutions product revenue and Insourcing Solutions services revenue.

RMS operating income decreased \$40.3 million compared to fiscal year 2023. RMS operating income as a percentage of revenue for fiscal year 2024 was 13.8%, a decrease of 570 bps from 19.5% for fiscal year 2023. Operating income and operating income as a percentage of revenue decreased primarily due to higher charges related to recent restructuring activities, including severance, site consolidation, and asset impairment charges, higher amortization related to acquisitions, including an inventory step up recorded in cost of revenue from the Noveprim acquisition; partially offset by the impacts of the RMS revenue drivers described above.

DSA

	Fiscal Year		\$ change	% change	Impact of FX
	2024	2023			
	(in thousands, except percentages)				
Revenue	\$ 2,451,280	\$ 2,615,623	\$ (164,343)	(6.3)%	0.2 %
Cost of revenue (excluding amortization of intangible assets)	1,697,166	1,675,472	21,694	1.3 %	
Selling, general and administrative	249,097	263,770	(14,673)	(5.6)%	
Amortization of intangible assets	62,507	70,305	(7,798)	(11.1)%	
Operating income	\$ 442,510	\$ 606,076	\$ (163,566)	(27.0)%	0.6 %
Operating income % of revenue	18.1 %	23.2 %			(510) bps

DSA revenue decreased \$164.3 million primarily due to decreased revenue in our Safety Assessment and Discovery Services businesses due to decreased study volume driven by softer demand as a result of more cautious client spending in the biopharmaceutical environment, and the impact of a recently divested site related to our Safety Assessment business which contributed \$8.5 million to the decrease; partially offset by the effect of changes in foreign currency exchange rates.

DSA operating income decreased \$163.6 million compared to fiscal year 2023. DSA operating income as a percentage of revenue for fiscal year 2024 was 18.1%, a decrease of 510 bps from 23.2% for fiscal year 2023. Operating income and

operating income as a percentage of revenue decreased primarily due to the lower revenue described above, as well as higher severance related to recent restructuring activities, adjustments to contingent consideration associated with the acquisition of Noveprim, and higher third-party legal costs and a \$27 million inventory charge to cost of revenue incurred in connection with the investigations by the U.S. government into the non-human primate supply chain compared to the corresponding period in 2023.

Manufacturing

	Fiscal Year		\$ change	% change	Impact of FX
	2024	2023			
(in thousands, except percentages)					
Revenue	\$ 769,332	\$ 721,443	\$ 47,889	6.6 %	(0.2)%
Cost of revenue (excluding amortization of intangible assets)	440,511	441,411	(900)	(0.2)%	
Selling, general and administrative	132,803	146,311	(13,508)	(9.2)%	
Amortization of intangible assets	52,471	45,392	7,079	15.6 %	
Goodwill impairment	215,000	—	215,000	100.0 %	
Operating income (loss)	\$ (71,453)	\$ 88,329	\$ (159,782)	(180.9)%	(0.9)%
Operating income (loss)% of revenue	(9.3)%	12.2 %		(2,150) bps	

Manufacturing revenue increased \$47.9 million primarily due to increased revenue in both our Biologics Solutions and Microbial Solutions businesses, driven by higher endotoxin product revenue coupled with increased revenue related to our Biologics Testing and CDMO services.

Manufacturing operating income (loss) decreased \$159.8 million compared to fiscal year 2023. Manufacturing operating income (loss) as a percentage of revenue for fiscal year 2024 was (9.3)%, a decrease of 2,150 bps from 12.2% for fiscal year 2023. Operating income (loss) and operating income (loss) as a percentage of revenue decreased primarily due to the goodwill impairment of \$215.0 million within our Biologics Solutions reporting unit, higher severance related to the recent restructuring activity, and accelerated amortization of certain client relationships in the CDMO business due to a change in estimate of the remaining useful life; partially offset by the higher revenue described above and improved operating leverage as well as lower legal costs from an environmental litigation related to the Microbial Solutions business compared to the corresponding period in 2023.

Unallocated Corporate

	Fiscal Year		\$ change	% change	Impact of FX
	2024	2023			
(in thousands, except percentages)					
Unallocated corporate	\$ 258,121	\$ 231,810	\$ 26,311	11.4 %	0.2 %
Unallocated corporate % of revenue	6.4 %	5.6 %		80 bps	

Unallocated corporate costs consist of selling, general and administrative expenses that are not directly related or allocated to the reportable segments. The increase in unallocated corporate costs of \$26.3 million, or 11.4%, compared to fiscal year 2023 is primarily related to severance associated with recent restructuring activities, adjustments to contingent consideration associated with a recent divestiture, and the absence of positive net settlements recognized on virtual power purchase agreements as compared to the corresponding period in 2023. Costs as a percentage of revenue for fiscal year 2024 was 6.4%, an increase of 80 bps from 5.6% for fiscal year 2023.

Other Income (Expense)

	Fiscal Year		\$ change	% change
	2024	2023		
(in thousands, except percentages)				
Other income (expense):				
Interest income	\$ 8,575	\$ 5,196	\$ 3,379	65.0 %
Interest expense	(126,288)	(136,710)	10,422	(7.6)%
Other income (expense), net	(16,520)	95,537	(112,057)	(117.3)%
Total other expense, net	\$ (134,233)	\$ (35,977)	\$ (98,256)	273.1 %

Interest income for fiscal year 2024 was \$8.6 million, an increase of \$3.4 million, or 65.0%, driven primarily from higher interest rates and interest bearing asset balances.

Interest expense for fiscal year 2024 was \$126.3 million, a decrease of \$10.4 million, or 7.6%, compared to \$136.7 million in fiscal year 2023. The decrease was due primarily to lower debt balances as we continue to pay down our revolving credit facility.

Other expense, net for fiscal year 2024 was \$16.5 million, a change of \$112.1 million, or 117.3%, compared to other income, net of \$95.5 million for fiscal year 2023. The change was primarily due to a gain on acquisition of \$98.5 million for Noveprim recognized in fiscal year 2023, as well as net losses on our venture capital and strategic investments of \$12.9 million recognized in fiscal year 2024.

Income Taxes

	Fiscal Year		\$ change	% change
	2024	2023		
	(in thousands, except percentages)			
Provision for income taxes	\$ 67,823	\$ 100,914	\$ (33,091)	(32.8)%
Effective tax rate	72.8 %	17.4 %		5,540 bps

Income tax expense for fiscal year 2024 was \$67.8 million, a decrease of \$33.1 million compared to \$100.9 million for fiscal year 2023. Our effective tax rate was 72.8% for fiscal year 2024 compared to 17.4% for fiscal year 2023. The increase in our effective tax rate in fiscal year 2024 compared to fiscal year 2023 was primarily attributable to the impact of the non-deductible goodwill impairment of the Biologic Solutions reporting unit, as well as the non-taxable gain on Noveprim of \$98.5 million in fiscal year 2023.

Liquidity and Capital Resources

Liquidity and Cash Flows

We currently require cash to fund our working capital needs, capital expansion, acquisitions, debt payments, lease, venture capital and strategic equity investments, and pension obligations. Our principal sources of liquidity have been our cash flows from operations and recent divestitures, supplemented by long-term borrowings. Based on our current business plan, we believe that our existing funds, when combined with cash generated from operations and our access to financing resources, are sufficient to fund our operations for the foreseeable future.

The following table presents our cash and cash equivalents and short-term investments:

	December 28, 2024	December 30, 2023
	(in thousands)	
Cash and cash equivalents:		
Held in U.S. entities	\$ 4,219	\$ 2,234
Held in non-U.S. entities	190,387	274,537
Total cash and cash equivalents	194,606	276,771
Short-term investments:		
Held in non-U.S. entities	62	68
Total cash, cash equivalents and short-term investments	\$ 194,668	\$ 276,839

The following table presents our net cash provided by operating activities:

	Fiscal Year	
	2024	2023
	(in thousands)	
Net income	\$ 25,291	\$ 480,370
Adjustments to reconcile net income to net cash provided by operating activities	739,615	305,908
Changes in assets and liabilities	(30,329)	(102,380)
Net cash provided by operating activities	\$ 734,577	\$ 683,898

Net cash provided by cash flows from operating activities represents the cash receipts and disbursements related to all of our activities other than investing and financing activities. Operating cash flow is derived by adjusting our net income for items including, but not limited to (1) non-cash operating items such as depreciation and amortization, stock-based compensation,

goodwill impairment, debt financing costs, deferred income taxes, long-lived asset impairment changes, gains and/or losses on venture capital and strategic equity investments, gains and/or losses on divestitures, changes in fair value of contingent consideration, as well as (2) changes in operating assets and liabilities, which reflect timing differences between the receipt and payment of cash associated with transactions and when they are recognized in our results of operations.

During fiscal year 2024, our cash flows from operations was \$734.6 million compared with \$683.9 million for fiscal year 2023. The increase in net cash provided by operating activities was primarily due to favorable performance across our revenue related accounts, including collections on trade receivables, deferred revenue, and customer deposits; benefiting cash provided by operations by \$46.7 million, lower purchases of inventory supporting our Safety Assessment business, benefiting our cash provided by operations by \$16.8 million; partially offset by \$27.6 million related to accrued compensation, and timing of payments to our suppliers and vendors reducing our cash provided by operations by \$14.3 million.

The following table presents our net cash used in investing activities:

	Fiscal Year	
	2024	2023
	(in thousands)	
Acquisitions of businesses and assets, net of cash acquired	\$ (5,479)	\$ (194,785)
Capital expenditures	(232,967)	(318,528)
Investments, net	(11,189)	(47,548)
Other, net	4,549	(2,294)
Net cash used in investing activities	<u>\$ (245,086)</u>	<u>\$ (563,155)</u>

Investing activities primarily consist of cash used to fund capital expenditures to support the growth of our business, purchases and sales of investments related to our venture capital and strategic equity investment portfolios, and asset and business acquisitions and divestitures.

During fiscal year 2024, cash used in investing activities was primarily driven by capital expenditures, an immaterial asset acquisition, and net purchases and sales in investments related to certain venture capital and strategic equity investments. Capital expenditures declined for the fiscal year 2024 compared to 2023, primarily as a result of disciplined spend management in light of the global economic and demand environment. Cash used in investing activities in fiscal year 2023 primarily related to the acquisitions of Noveprim and SAMDI, capital expenditures to support the growth of the business, and investments in certain venture capital and strategic equity investments.

The following table presents our net cash used in financing activities:

	Fiscal Year	
	2024	2023
	(in thousands)	
Proceeds from long-term debt and revolving credit facility	\$ 1,081,581	\$ 776,353
Proceeds from exercises of stock options	23,878	25,597
Payments on long-term debt, revolving credit facility, and finance lease obligations	(1,493,769)	(851,676)
Purchase of treasury stock	(119,175)	(24,155)
Purchase of remaining equity interest of other redeemable noncontrolling interest	(12,000)	(4,784)
Payment of contingent considerations	—	(2,711)
Other, net	(31,442)	(4,145)
Net cash used in financing activities	<u>\$ (550,927)</u>	<u>\$ (85,521)</u>

Financing activities primarily consist of the proceeds and repayments of debt and certain equity related transactions including treasury stock purchases and employee stock option exercises. For fiscal year 2024, net cash used in financing activities was primarily driven by the following activity:

- Net repayments of \$417.1 million towards our Credit Facility
- Treasury stock purchases of \$100.7 million associated with our stock repurchase program and \$18.5 million due to the netting of common stock upon vesting of stock-based awards in order to satisfy individual statutory tax withholding requirements
- Net proceeds from exercises of employee stock options of \$23.9 million
- Net dividend payments to noncontrolling interest holders of \$14.5 million

For fiscal year 2023, net cash used in financing activities was primarily driven by the following activity:

- Net repayments of \$70.9 million towards our Credit Facility.
- Treasury stock purchases of \$24.2 million made due to the netting of common stock upon vesting of stock-based awards in order to satisfy individual statutory tax withholding requirements
- Initial payment to purchase the remaining 8% interest in our Vital River subsidiary of \$4.8 million
- Dividends paid to noncontrolling interests \$4.0 million
- Contingent consideration payments of \$2.7 million
- Net proceeds from exercises of employee stock options of \$25.6 million

Financing and Market Risk

We are exposed to market risk from changes in interest rates and currency exchange rates, which could affect our future results of operations and financial condition. We manage our exposure to these risks through our regular operating and financing activities.

Amounts outstanding under our revolving credit facility and our Senior Notes were as follows:

	December 28, 2024	December 30, 2023
	(in thousands)	
Revolving credit facility	\$ 714,948	\$ 1,129,243
4.25% Senior Notes due 2028	500,000	500,000
3.75% Senior Notes due 2029	500,000	500,000
4.0% Senior Notes due 2031	500,000	500,000
Total	<u>\$ 2,214,948</u>	<u>\$ 2,629,243</u>

On December 13, 2024, the Company modified its revolving credit facility “Credit Facility”. The Credit Facility provides for up to \$2.0 billion in multi-currency revolving credit (reduced from \$3.0 billion) and has a maturity date of December 2029 (previously April 2026), with no required scheduled payment before that date. The terms of the Credit Facility are substantially the same with the interest rates equal to (A) for revolving loans denominated in U.S. dollars, at the Company’s option, either the base rate (which is the higher of (1) the prime rate, (2) the federal funds rate plus 0.50%, or (3) the one-month adjusted SOFR rate plus 1.0%) or the adjusted SOFR rate, (B) for revolving loans denominated in euros, the adjusted EURIBOR rate and (C) for revolving loans denominated in sterling, the daily simple SONIA rate, in each case, plus an interest rate margin based upon the Company’s leverage ratio.

Our 2028 Senior Notes have semiannual interest payments due May 1 and November 1. Our 2029 and 2031 Senior Notes have semiannual interest payments due March 15 and September 15.

We had an interest rate swap with a notional amount of \$500 million to manage interest rate fluctuation related to our floating rate borrowings under the revolving credit facility, at a fixed rate of 4.65%. Our swap matured on November 2, 2024 and we have not entered into any additional interest rate swap contracts.

Our off-balance sheet commitments related to our outstanding letters of credit as of December 28, 2024 were \$22.4 million.

Foreign Currency Exchange Rate Risk

We operate on a global basis and have exposure to some foreign currency exchange rate fluctuations for our financial position, results of operations, and cash flows.

While the financial results of our global activities are reported in U.S. dollars, our foreign subsidiaries typically conduct their operations in their respective local currency. The principal functional currencies of our foreign subsidiaries are the Euro, British Pound, Canadian Dollar, and Mauritian Rupee. During fiscal year 2024, the most significant drivers of foreign currency translation adjustment we recorded as part of other comprehensive income (loss) were the Euro, Canadian Dollar, and Mauritian Rupee.

Fluctuations in the foreign currency exchange rates of the countries in which we do business will affect our financial position, results of operations, and cash flows. As the U.S. dollar strengthens against other currencies, the value of our non-U.S. revenue, expenses, assets, liabilities, and cash flows will generally decline when reported in U.S. dollars. The impact to net income as a result of a U.S. dollar strengthening will be partially mitigated by the value of non-U.S. expenses, which will decline when reported in U.S. dollars. As the U.S. dollar weakens versus other currencies, the value of the non-U.S. revenue, expenses, assets, liabilities, and cash flows will generally increase when reported in U.S. dollars. For fiscal year 2024, our revenue would

have decreased by \$129.8 million, and our operating income would have decreased by \$8.0 million, if the U.S. dollar exchange rate had strengthened by 10%, with all other variables held constant.

We attempt to minimize this exposure by using certain financial instruments in accordance with our overall risk management and our hedge policy. We do not enter into speculative derivative agreements.

Repurchases of Common Stock

On August 2, 2024, our Board of Directors approved a stock repurchase authorization of \$1.0 billion. This authorization fully replaces a prior stock repurchase authorization of \$1.3 billion that had \$129.1 million remaining when it was terminated, and we did not repurchase any shares under the prior program during fiscal year 2024.

During the third quarter of fiscal year 2024, we repurchased 0.5 million shares of common stock for \$100.7 million under the new stock repurchase program. As of December 28, 2024, we had \$899.3 million remaining on the authorized stock repurchase program. We intend to repurchase shares in fiscal year 2025 totaling approximately \$350 million.

Additionally, our stock-based compensation plans permit the netting of common stock upon vesting of restricted stock, restricted stock units, and performance share units in order to satisfy individual statutory tax withholding requirements. During fiscal year 2024 and 2023, we acquired 0.1 million shares for \$18.5 million and \$24.2 million, respectively, through such netting.

Commitments and Other Purchasing Arrangements

We lease properties and equipment for use in our operations. In addition to rent, the leases may require us to pay additional amounts for taxes, insurance, maintenance, and other operating expenses. As of December 28, 2024, we had \$701.4 million of operating leases inclusive of future minimum rental commitments under non-cancellable operating leases, net of income from subleases as well as \$38.5 million of financing leases. The expected payments of our operating and finance lease liabilities over the next twelve months are \$77.9 million and \$4.2 million, respectively as of December 28, 2024.

In addition to the obligations on the balance sheet at December 28, 2024, we entered into unconditional purchase obligations in the ordinary course of business. Unconditional purchase obligations include agreements to purchase goods or services that are enforceable and legally binding and that specify all significant terms, including fixed or minimum quantities to be purchased, fixed, minimum or variable price provisions, and the approximate timing of the transaction. Purchase obligations exclude agreements that are cancellable at any time without penalty. As of December 28, 2024, we had approximately \$379 million of unconditional purchase obligations, the majority of which are expected to be settled during 2025.

We invest in several venture capital funds that invest in start-up companies, primarily in the life sciences industry. Our total commitment to the funds as of December 28, 2024 was \$215.8 million, of which we funded \$167.3 million through December 28, 2024. Refer to Note 8, Venture Capital and Strategic Equity Investments to our consolidated financial statements contained in Item 8, “Financial Statements and Supplementary Data,” in this Annual Report on Form 10-K for further details.

In connection with certain business and asset acquisitions, we agreed to make additional payments based upon the achievement of certain financial targets and other milestones in connection with the respective acquisition. As of December 28, 2024, we had approximately \$55 million of gross contingent payments, of which \$49 million is the current fair value.

We have certain federal and state income tax liabilities of \$17.9 million relating to the one-time Transition Tax on unrepatriated earnings under the 2017 Tax Act. The Transition Tax will be paid, interest free, with a final payment in 2025.

Item 7A. Quantitative and Qualitative Disclosures about Market Risk

The information called for by this item is incorporated herein by reference to “Item 7. Management’s Discussion and Analysis of Results of Operations - Liquidity and Capital Resources” of this Report; and Note 1 “Description of Business and Summary of Significant Accounting Policies - Fair Value” included in Item 8 of this Report.

Item 8. Financial Statements and Supplementary Data**INDEX TO CONSOLIDATED FINANCIAL STATEMENTS**

Report of Independent Registered Public Accounting Firm (PCAOB ID 238)	56
Consolidated Statements of Income for fiscal years 2024, 2023 and 2022	59
Consolidated Statements of Comprehensive Income (Loss) for fiscal years 2024, 2023 and 2022	60
Consolidated Balance Sheets as of December 28, 2024 and December 30, 2023	61
Consolidated Statements of Cash Flows for fiscal years 2024, 2023 and 2022	62
Consolidated Statements of Changes in Equity and Redeemable Noncontrolling Interests for fiscal years 2024, 2023 and 2022	63
Notes to Consolidated Financial Statements	64
Note 1. Description of Business and Summary of Significant Accounting Policies	64
Note 2. Acquisitions and Divestitures	72
Note 3. Revenue from Contracts with Customers	75
Note 4. Segment and Geographic Information	77
Note 5. Supplemental Cash Flow Information	79
Note 6. Inventory	79
Note 7. Property, Plant and Equipment, Net	80
Note 8. Venture Capital and Strategic Equity Investments	80
Note 9. Fair Value	81
Note 10. Goodwill and Intangible Assets	82
Note 11. Debt and Other Financing Arrangements	84
Note 12. Equity and Noncontrolling Interest	86
Note 13. Income Taxes	89
Note 14. Employee Benefit Plans	91
Note 15. Stock-based Compensation	95
Note 16. Restructuring and Asset Impairments	97
Note 17. Leases	100
Note 18. Commitments and Contingencies	102

Report of Independent Registered Public Accounting Firm

To the Board of Directors and Shareholders of Charles River Laboratories International, Inc.:

Opinions on the Financial Statements and Internal Control over Financial Reporting

We have audited the accompanying consolidated balance sheets of Charles River Laboratories International, Inc. and its subsidiaries (the "Company") as of December 28, 2024 and December 30, 2023, and the related consolidated statements of income, of comprehensive income (loss), of changes in equity and redeemable noncontrolling interests and of cash flows for each of the three years in the period ended December 28, 2024, including the related notes (collectively referred to as the "consolidated financial statements"). We also have audited the Company's internal control over financial reporting as of December 28, 2024, 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 December 28, 2024 and December 30, 2023, and the results of its operations and its cash flows for each of the three years in the period ended December 28, 2024 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 December 28, 2024, 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 Management's Report on Internal Control Over Financial Reporting appearing under Item 9A. 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 matters communicated below are matters arising from the current period audit of the consolidated financial statements that were communicated or required to be communicated to the audit committee and that (i) relate 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 matters below, providing separate opinions on the critical audit matters or on the accounts or disclosures to which they relate.

Interim Goodwill Impairment Assessment – Biologics Solutions Reporting Unit

As described in Notes 1 and 10 to the consolidated financial statements, the Company's goodwill balance was \$2,846.6 million as of December 28, 2024, and the goodwill associated with the Biologics Solutions reporting unit was \$606.0 million. Goodwill is tested for impairment annually during the fourth quarter or more frequently if an event occurs or circumstances change that would more-likely-than-not reduce the fair value of the Company's reporting units below their carrying amounts. If the carrying values of the net assets assigned to the reporting units exceed the fair values of the reporting units an impairment loss equal to the difference would be recorded. In December 2024, subsequent to the annual goodwill impairment test, a triggering event was identified for the Biologics Solutions reporting unit. This resulted from a loss of key customers, ultimately resulting in a reduction in Biologics Solutions' long range financial outlook. Management conducted a quantitative impairment test for goodwill to determine if the goodwill in the Biologics Solutions reporting unit was impaired. The determination of the fair value of the Biologics Solutions reporting unit requires the use of significant judgment using management's best estimates of inputs and assumptions that a market participant would use. The fair value of the Biologics Solutions reporting unit was determined by using a weighted combination of a market-based approach and an income approach. Under the market-based approach, the Company utilized entity specific information about the reporting unit as well as publicly available industry information to determine key assumptions including earnings multiples and sales multiples. Under the income approach, fair value was determined based on the estimated future cash flows of the reporting unit which includes key assumptions for future revenue, long term growth rates, and operating income margins, discounted by an estimated weighted-average cost of capital. As a result, the Company recognized a goodwill impairment charge of \$215.0 million.

The principal considerations for our determination that performing procedures relating to the interim goodwill impairment assessment of the Biologics Solutions reporting unit is a critical audit matter are (i) the significant judgment by management when developing the fair value estimate of the Biologics Solutions reporting unit; (ii) a high degree of auditor judgment, subjectivity, and effort in performing procedures and evaluating management's significant assumptions related to earnings multiples and sales multiples used in the market-based approach and future revenue, long term growth rates, operating income margins, and discount rate used in the income approach; and (iii) the audit effort involved in 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 goodwill impairment assessments, including controls over the valuation of the Biologics Solutions reporting unit. These procedures also included, among others (i) testing management's process for developing the fair value estimate of the reporting unit; (ii) evaluating the appropriateness of the market-based approach and the income approach used by management; (iii) testing the completeness and accuracy of underlying data used in the market-based approach and the income approach; and (iv) evaluating the reasonableness of the significant assumptions used by management related to earnings multiples and sales multiples used in the market-based approach and future revenue, long term growth rates, operating income margins, and discount rate used in the income approach. Evaluating management's assumptions related to future revenue and operating income margins involved evaluating whether the assumptions used by management were reasonable considering (i) the current and past performance of the

Biologics reporting unit; (ii) the consistency with external market and industry data; and (iii) whether the assumptions were 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 market-based approach and the income approach, as well as the weighted combination of the approaches and (ii) the reasonableness of the earnings multiples, sales multiples, long term growth rates, and discount rate assumptions.

Revenue Recognition using Cost-to-Cost Method – Discovery and Safety Assessment

As described in Notes 1 and 3 to the consolidated financial statements, the Company recognized Discovery and Safety Assessment (DSA) revenue from services and products transferred over time of \$2,446.8 million for the year-ended December 28, 2024, of which a significant portion relates to services that are delivered to the customer based on the extent of progress towards completion of the performance obligation that management measures using the cost-to-cost (input) method. The Company uses the cost-to-cost measure of progress when it best depicts the transfer of value to the customer, which occurs as the Company incurs costs on its contract, generally related to fixed fee service contracts. Under the cost-to-cost measure of progress, the extent of progress towards completion is measured based on the ratio of costs incurred to date to the total estimated costs at completion of the performance obligation. The cost calculation includes variables such as labor hours, allocation of overhead costs, research model costs, and subcontractor costs. Revenue is recorded proportionally as costs are incurred.

The principal considerations for our determination that performing procedures relating to DSA revenue recognized using the cost-to-cost method is a critical audit matter are a high degree of auditor subjectivity and effort in performing procedures and evaluating audit evidence related to the ratio of costs incurred to date to the total estimated costs at completion of the performance obligation.

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 the revenue recognition process, including controls over the ratio of costs incurred to date to the total estimated costs at completion of the performance obligation, review of contracts, testing of budget versus actual costs incurred, and testing of revenue recognition. These procedures also included, among others (i) reading contracts and reports describing the results of services provided for a sample of DSA service contracts; (ii) testing management's process for determining the amount of DSA service revenue recognized over time for a sample of DSA service contracts; (iii) evaluating the appropriateness of the cost-to-cost method used by management; (iv) evaluating the reasonableness of the ratio of costs incurred to date to the total estimated costs at completion of the performance obligations through performing a retrospective comparison of actual costs incurred to historical estimated costs for completed service contracts; and (v) testing actual costs incurred for a sample of in-progress service contracts by examining evidence of costs incurred.

/s/ PricewaterhouseCoopers LLP

Boston, Massachusetts

February 19, 2025

We have served as the Company's auditor since 1999.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
CONSOLIDATED STATEMENTS OF INCOME
(in thousands, except per share amounts)

	Fiscal Year		
	2024	2023	2022
Service revenue	\$ 3,304,138	\$ 3,440,019	\$ 3,216,904
Product revenue	745,851	689,390	759,156
Total revenue	4,049,989	4,129,409	3,976,060
Costs and expenses			
Cost of services provided (excluding amortization of intangible assets)	2,345,781	2,295,983	2,143,318
Cost of products sold (excluding amortization of intangible assets)	372,387	330,870	370,091
Selling, general and administrative	751,003	747,855	665,098
Amortization of intangible assets	138,471	137,440	146,578
Goodwill impairment	215,000	—	—
Operating income	227,347	617,261	650,975
Other income (expense)			
Interest income	8,575	5,196	780
Interest expense	(126,288)	(136,710)	(59,291)
Other income (expense), net	(16,520)	95,537	30,523
Income before income taxes	93,114	581,284	622,987
Provision for income taxes	67,823	100,914	130,379
Net income	25,291	480,370	492,608
Less: Net income attributable to noncontrolling interests	3,088	5,746	6,382
Net income attributable to Charles River Laboratories International Inc.	\$ 22,203	\$ 474,624	\$ 486,226
Calculation of net income per share attributable to Charles River Laboratories International Inc. common shareholders			
Net income attributable to Charles River Laboratories International Inc.	\$ 22,203	\$ 474,624	\$ 486,226
Less: Incremental dividends attributed to noncontrolling interest holders	11,906	—	—
Net income available to Charles River Laboratories International Inc. common shareholders	\$ 10,297	\$ 474,624	\$ 486,226
Earnings per common share			
Basic	\$ 0.20	\$ 9.27	\$ 9.57
Diluted	\$ 0.20	\$ 9.22	\$ 9.48
Weighted-average number of common shares outstanding			
Basic	51,380	51,227	50,812
Diluted	51,628	51,451	51,301

See Notes to Consolidated Financial Statements.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS)
(in thousands)

	Fiscal Year		
	2024	2023	2022
Net income	\$ 25,291	\$ 480,370	\$ 492,608
Other comprehensive income (loss):			
Foreign currency translation adjustment	(130,112)	70,651	(129,091)
Pension and other post-retirement benefit plans (Note 14):			
Prior service cost and (losses) gains arising during the period	(12,190)	(5,376)	24,471
Amortization of net loss, settlement losses, and prior service benefit included in total cost for pension and other post-retirement benefit plans	1,596	736	3,337
Unrealized gains (losses) on hedging instruments	(966)	2,490	(1,523)
Other comprehensive income (loss), before income taxes	(141,672)	68,501	(102,806)
Less: Income tax (benefit) expense related to items of other comprehensive income (loss) (Note 12)	(17,903)	4,071	(1,905)
Comprehensive income (loss), net of income taxes	(98,478)	544,800	391,707
Less: Comprehensive income related to noncontrolling interests, net of income taxes	237	4,546	2,798
Comprehensive income (loss) attributable to common shareholders, net of income taxes	\$ (98,715)	\$ 540,254	\$ 388,909

See Notes to Consolidated Financial Statements.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
CONSOLIDATED BALANCE SHEETS
(in thousands, except per share amounts)

	December 28, 2024	December 30, 2023
Assets		
Current assets:		
Cash and cash equivalents	\$ 194,606	\$ 276,771
Trade receivables and contract assets, net of allowances for credit losses of \$18,301 and \$25,722, respectively	720,915	780,375
Inventories	278,544	380,259
Prepaid assets	103,210	87,879
Other current assets	105,796	83,378
Total current assets	1,403,071	1,608,662
Property, plant and equipment, net	1,604,014	1,639,741
Venture capital and strategic equity investments	218,350	243,811
Operating lease right-of-use assets, net	412,490	394,029
Goodwill	2,846,608	3,095,045
Intangible assets, net	723,400	864,051
Deferred tax assets	42,179	40,279
Other assets	278,233	309,383
Total assets	\$ 7,528,345	\$ 8,195,001
Liabilities, Redeemable Noncontrolling Interests and Equity		
Current liabilities:		
Accounts payable	\$ 140,337	\$ 168,937
Accrued compensation	179,418	213,290
Deferred revenue	248,322	241,820
Accrued liabilities	232,010	227,825
Other current liabilities	194,014	203,210
Total current liabilities	994,101	1,055,082
Long-term debt, net and finance leases	2,240,205	2,647,147
Operating lease right-of-use liabilities	483,789	419,234
Deferred tax liabilities	106,960	191,349
Other long-term liabilities	195,212	223,191
Total liabilities	4,020,267	4,536,003
Commitments and contingencies (Notes 2, 11, 13, and 18)		
Redeemable noncontrolling interests	41,126	56,722
Equity:		
Preferred stock, \$0.01 par value; 20,000 shares authorized; no shares issued and outstanding	—	—
Common stock, \$0.01 par value; 120,000 shares authorized; 51,141 shares issued and outstanding as of December 28, 2024 and 51,338 shares issued and outstanding as of December 30, 2023	511	513
Additional paid-in capital	1,966,237	1,905,578
Retained earnings	1,812,100	1,887,218
Treasury stock, at cost, zero shares as of December 28, 2024 and December 30, 2023	—	—
Accumulated other comprehensive loss	(317,345)	(196,427)
Total Charles River Laboratories International, Inc. equity	3,461,503	3,596,882
Nonredeemable noncontrolling interest	5,449	5,394
Total equity	3,466,952	3,602,276
Total liabilities, redeemable noncontrolling interests and equity	\$ 7,528,345	\$ 8,195,001

See Notes to Consolidated Financial Statements.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS
(in thousands)

	Fiscal Year		
	2024	2023	2022
Cash flows relating to operating activities			
Net income	\$ 25,291	\$ 480,370	\$ 492,608
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation and amortization	361,741	314,124	303,870
Goodwill impairment	215,000	—	—
Long-lived asset impairments	51,825	41,911	5,816
Stock-based compensation	69,891	72,048	73,617
Deferred income taxes	(67,428)	(50,903)	(35,884)
Write down of inventories	46,992	6,290	5,973
(Gain) loss on venture capital and strategic equity investments, net	12,910	(97,827)	26,775
Provision for credit losses	14,774	18,225	6,706
Loss (gain) on divestitures, net	659	961	(123,405)
Other, net	33,251	1,079	16,118
Changes in assets and liabilities:			
Trade receivables and contract assets, net	21,612	(33,434)	(150,570)
Inventories	16,804	(62,301)	(78,523)
Accounts payable	(14,271)	(20,427)	(2,652)
Accrued compensation	(27,604)	12,447	(42,164)
Deferred revenue	18,541	(21,743)	57,658
Customer contract deposits	6,584	(15,564)	30,457
Other assets and liabilities, net	(51,995)	38,642	33,240
Net cash provided by operating activities	734,577	683,898	619,640
Cash flows relating to investing activities			
Acquisition of businesses and assets, net of cash acquired	(5,479)	(194,785)	(283,392)
Capital expenditures	(232,967)	(318,528)	(324,733)
Purchases of investments and contributions to venture capital investments	(52,876)	(54,215)	(158,274)
Proceeds from sale of investments	41,687	6,667	4,549
Proceeds from sale of businesses, net	—	—	163,275
Other, net	4,549	(2,294)	(9,347)
Net cash used in investing activities	(245,086)	(563,155)	(607,922)
Cash flows relating to financing activities			
Proceeds from long-term debt and revolving credit facility	1,081,581	776,353	2,952,430
Proceeds from exercises of stock options	23,878	25,597	25,110
Payments on long-term debt, revolving credit facility, and finance lease obligations	(1,493,769)	(851,676)	(2,932,636)
Purchase of treasury stock	(119,175)	(24,155)	(38,651)
Payments of contingent consideration	—	(2,711)	(10,356)
Purchase of remaining equity interest of other redeemable noncontrolling interest	(12,000)	(4,784)	(30,533)
Other, net	(31,442)	(4,145)	(7,761)
Net cash used in financing activities	(550,927)	(85,521)	(42,397)
Effect of exchange rate changes on cash, cash equivalents, and restricted cash	(17,474)	8,044	25,579
Net change in cash, cash equivalents, and restricted cash	(78,910)	43,266	(5,100)
Cash, cash equivalents, and restricted cash, beginning of period	284,480	241,214	246,314
Cash, cash equivalents, and restricted cash, end of period	\$ 205,570	\$ 284,480	\$ 241,214

See Notes to Consolidated Financial Statements.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY AND REDEEMABLE NONCONTROLLING INTERESTS
(in thousands)

	Redeemable Noncontrolling Interests	Common stock		Additional Paid-In Capital	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Treasury Stock		Total Equity Attributable to Common Shareholders	Noncontrolling Interest	Total Equity
		Shares	Amount				Shares	Amount			
December 25, 2021	\$ 53,010	50,480	\$ 505	\$ 1,718,304	\$ 980,751	\$ (164,740)	—	\$ —	\$ 2,534,820	\$ 4,162	\$ 2,538,982
Net income	4,020	—	—	—	486,226	—	—	—	486,226	2,362	488,588
Other comprehensive (loss)	(3,585)	—	—	—	—	(97,317)	—	—	(97,317)	—	(97,317)
Dividends declared to noncontrolling interest	(3,525)	—	—	—	—	—	—	—	—	(1,739)	(1,739)
Purchase of redeemable noncontrolling interest	(15,000)	—	—	—	—	—	—	—	—	—	—
Adjustment to noncontrolling interest fair value	7,507	—	—	(7,507)	—	—	—	—	(7,507)	—	(7,507)
Issuance of stock under employee compensation plans	—	594	5	25,100	—	—	—	—	25,105	—	25,105
Purchase of treasury shares	—	—	—	—	—	—	130	(38,651)	(38,651)	—	(38,651)
Retirement of treasury shares	—	(130)	(1)	(4,574)	(34,076)	—	(130)	38,651	—	—	—
Stock-based compensation	—	—	—	73,617	—	—	—	—	73,617	—	73,617
December 31, 2022	\$ 42,427	50,944	\$ 509	\$ 1,804,940	\$ 1,432,901	\$ (262,057)	—	\$ —	\$ 2,976,293	\$ 4,785	\$ 2,981,078
Net income	3,492	—	—	—	474,624	—	—	—	474,624	2,254	476,878
Other comprehensive income	(1,200)	—	—	—	—	65,630	—	—	65,630	—	65,630
Dividends declared to noncontrolling interest	(2,378)	—	—	—	—	—	—	—	—	(1,645)	(1,645)
Adjustment of redeemable noncontrolling interests to redemption value	(5,694)	—	—	5,694	—	—	—	—	5,694	—	5,694
Purchase of remaining equity interest of Vital River redeemable noncontrolling interest	(24,148)	—	—	—	—	—	—	—	—	—	—
Gain on purchase of remaining equity interest of Vital River redeemable noncontrolling interest	(1,151)	—	—	1,151	—	—	—	—	1,151	—	1,151
Acquisition of redeemable noncontrolling interest	45,374	—	—	—	—	—	—	—	—	—	—
Issuance of stock under employee compensation plans	—	499	5	25,592	—	—	—	—	25,597	—	25,597
Purchase of treasury shares	—	—	—	—	—	—	105	(24,155)	(24,155)	—	(24,155)
Retirement of treasury shares	—	(105)	(1)	(3,847)	(20,307)	—	(105)	24,155	—	—	—
Stock-based compensation	—	—	—	72,048	—	—	—	—	72,048	—	72,048
December 30, 2023	\$ 56,722	51,338	\$ 513	\$ 1,905,578	\$ 1,887,218	\$ (196,427)	—	\$ —	\$ 3,596,882	\$ 5,394	\$ 3,602,276

See Notes to Consolidated Financial Statements.

	Redeemable Noncontrolling Interests	Common stock		Additional Paid-In Capital	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Treasury Stock		Total Equity Attributable to Common Shareholders	Noncontrolling Interest	Total Equity
		Shares	Amount				Shares	Amount			
December 30, 2023	\$ 56,722	51,338	\$ 513	\$ 1,905,578	\$ 1,887,218	\$ (196,427)	—	\$ —	\$ 3,596,882	\$ 5,394	\$ 3,602,276
Net income	1,095	—	—	—	22,203	—	—	—	22,203	1,993	24,196
Other comprehensive income (loss)	(2,851)	—	—	—	—	(120,918)	—	—	(120,918)	—	(120,918)
Dividends declared to noncontrolling interests	(12,580)	—	—	—	—	—	—	—	—	(1,938)	(1,938)
Adjustment of redeemable noncontrolling interests to redemption value	10,688	—	—	(10,688)	—	—	—	—	(10,688)	—	(10,688)
Purchase of remaining equity interest of other redeemable noncontrolling interest	(12,000)	—	—	—	—	—	—	—	—	—	—
Adjustment of purchase price of Noveprim redeemable noncontrolling interest	52	—	—	—	—	—	—	—	—	—	—
Issuance of stock under employee compensation plans	—	388	4	23,874	—	—	—	—	23,878	—	23,878
Purchase of treasury shares	—	—	—	—	—	—	585	(119,175)	(119,175)	—	(119,175)
Share repurchase excise tax	—	—	—	—	—	—	—	(570)	(570)	—	(570)
Retirement of treasury shares	—	(585)	(6)	(22,418)	(97,321)	—	(585)	119,745	—	—	—
Stock-based compensation	—	—	—	69,891	—	—	—	—	69,891	—	69,891
December 28, 2024	\$ 41,126	51,141	\$ 511	\$ 1,966,237	\$ 1,812,100	\$ (317,345)	—	\$ —	\$ 3,461,503	\$ 5,449	\$ 3,466,952

See Notes to Consolidated Financial Statements.

1. DESCRIPTION OF BUSINESS AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Description of Business

Charles River Laboratories International, Inc. (the Company), together with its subsidiaries, is a full service, non-clinical global drug development partner. The Company has built upon its core competency of laboratory animal medicine and science (research model technologies) to develop a diverse portfolio of discovery and safety assessment services, both Good Laboratory Practice (GLP) and non-GLP, that enable the Company to support its clients from target identification through non-clinical development. The Company also provides a suite of products and services to support its clients' manufacturing activities.

Principles of Consolidation

The Company's consolidated financial statements reflect its financial statements and those of its subsidiaries in which the Company holds a controlling financial interest. For consolidated entities in which the Company owns or is exposed to less than 100% of the economics, the Company records net income (loss) attributable to noncontrolling interests in its consolidated statements of income equal to the percentage of the economic or ownership interest retained in such entities by the respective noncontrolling parties. Redeemable noncontrolling interests, where the noncontrolling interest holders have the ability to require the Company to purchase the remaining interests, are classified in the mezzanine section of the consolidated balance sheets, which is presented above the equity section and below liabilities. Intercompany balances and transactions are eliminated in consolidation.

The Company's fiscal year is typically based on 52-weeks, with each quarter composed of 13 weeks ending on the last Saturday on, or closest to, March 31, June 30, September 30, and December 31. A 53rd week in the fourth quarter of the fiscal year is occasionally necessary to align with a December 31 calendar year-end, this last occurred in fiscal year 2022.

Segment Reporting

The Company reports its results in three reportable segments: Research Models and Services (RMS), Discovery and Safety Assessment (DSA), and Manufacturing Solutions (Manufacturing). The Company's RMS reportable segment includes the Research Models, Research Model Services, and Cell Solutions businesses.

Research Models includes the commercial production and sale of small research models, as well as the supply of large research models. Research Model Services includes: Insourcing Solutions (IS), which provides colony management of its clients' research operations (including recruitment, training, staffing, and management services) within our clients' facilities and utilizing our Charles River Accelerator and Development Lab (CRADL™) offerings, which provides vivarium space to clients, Genetically Engineered Models and Services (GEMS), which performs contract breeding and other services associated with genetically engineered models, and Research Animal Diagnostic Services (RADS), which provides health monitoring and diagnostics services related to research models, Cell Solutions supplies controlled, consistent, customized primary cells and blood components derived from normal and mobilized peripheral blood and bone marrow as well as cells from disease state donors.

The Company's DSA reportable segment includes discovery services and safety assessment services. The Company provides regulated and non-regulated DSA services to support the discovery, development, and regulatory-required safety testing of potential new drugs, including *in vitro* (non-animal) and *in vivo* (in research models) studies, laboratory support services, including bioanalytical and strategic non-clinical consulting and program management to support product development.

The Company's Manufacturing reportable segment includes Microbial Solutions, which provides *in vitro* lot-release testing products, microbial detection products, and species identification services and Biologics Solutions (Biologics), which performs specialized testing of biologics (Biologics Testing Solutions) as well as contract development and manufacturing products and services (CDMO). In December of 2022, the Company sold the Avian Vaccine Services business (Avian), reported in the Manufacturing segment, which supplied specific-pathogen-free chicken eggs and chickens.

Use of Estimates

The preparation of consolidated financial statements in accordance with generally accepted accounting principles in the United States (U.S. GAAP) requires that the Company make estimates and judgments that may affect the reported amounts of assets, liabilities, revenues, expenses and related disclosure of contingent assets and liabilities. On an on-going basis, the Company evaluates its estimates, judgments, and methodologies. The Company bases its estimates on historical experience and on various other assumptions that are believed to be reasonable, the results of which form the basis for making judgments about the carrying values of assets and liabilities. Actual results may differ from these estimates under different assumptions or conditions. Changes in estimates are reflected in reported results in the period in which they become known.

As of the date of issuance of these consolidated financial statements, the Company is not aware of any specific event or circumstance that would require the Company to update estimates, judgments or revise the carrying value of any assets or liabilities. These estimates may change, as new events occur and additional information is obtained, and are recognized in the consolidated financial statements as soon as they become known. Actual results could differ from those estimates and any such differences may be material to the Company's consolidated financial statements.

Newly Adopted Accounting Pronouncements

In November 2023, the FASB issued ASU 2023-07, "Improvements to Reportable Segment Disclosures (Topic 280)". ASU 2023-07 modifies reportable segment disclosure requirements, primarily through enhanced disclosures about segment expenses categorized as significant or regularly provided to the Chief Operating Decision Maker (CODM). In addition, the amendments enhance interim disclosure requirements, clarify circumstances in which an entity can disclose multiple segment measures of profit or loss, and contain other disclosure requirements. The purpose of the amendments is to enable investors to better understand an entity's overall performance and assess potential future cash flows. This ASU is effective for annual periods beginning after December 15, 2023, and interim periods within annual periods beginning after December 15, 2024. The Company adopted this new standard for fiscal year 2024 and is reflected in Note 4, "Segment and Geographic Information".

Newly Issued Accounting Pronouncements

In November 2024, the FASB issued ASU 2024-03, "Disaggregation of Income Statement Expenses (Subtopic 220-40)" which requires enhanced disclosure of income statement expense categories to improve transparency and provide financial statement users with more detailed information about the nature, amount and timing of expenses impacting financial performance. This new guidance is effective for the Company for annual periods beginning after December 15, 2026 and interim periods beginning after December 26, 2027, with early adoption permitted. The amendments in this ASU may be adopted using the prospective or retrospective methods. The Company is currently evaluating the impact this new standard will have on the related disclosures in the consolidated financial statements.

In December 2023, the FASB issued ASU 2023-09, "Improvements to Income Tax Disclosures (Topic 740)". ASU 2023-09 requires enhanced disclosures on income taxes paid, adds disaggregation of continuing operations before income taxes between foreign and domestic earnings and defines specific categories for the reconciliation of jurisdictional tax rate to effective tax rate. This ASU is effective for fiscal years beginning after December 15, 2024, and can be applied on a prospective basis. The Company is currently evaluating the impact this new standard will have on the related disclosures in the consolidated financial statements.

Cash, Cash Equivalents, and Investments

Cash equivalents include money market funds, time deposits and other investments with remaining maturities at the purchase date of three months or less. Time deposits with original maturities of greater than three months are reported as short-term investments.

Trade Receivables and Contract Assets, Net

The Company records trade receivables and contract assets, net of an allowance for credit losses. An allowance for credit losses is established based on historical collection information, a review of major client accounts receivable balances, current economic conditions in the geographies in which it operates, and the Company's expectations of future economic conditions that may affect the collectability of the recorded amounts. Amounts determined to be uncollectible are charged or written off against the allowance.

Concentrations of Credit Risk

Financial instruments that potentially subject the Company to concentrations of credit risk consist primarily of cash and cash equivalents, investments, trade receivables and contract assets. The Company places cash and cash equivalents and investments in various financial institutions with high credit rating and limits the amount of credit exposure to any one financial institution. Trade receivables and contract assets are primarily from clients in the pharmaceutical and biotechnology industries, as well as academic and government institutions. Concentrations of credit risk with respect to trade receivables and contract assets, which are typically unsecured, are limited due to the wide variety of customers using the Company's products and services as well as their dispersion across many geographic areas. No single client accounted for more than 4% of revenue in fiscal years 2024, 2023, or 2022 or trade receivables as of December 28, 2024 or December 30, 2023.

Fair Value Measurements

The accounting standard for fair value measurements defines fair value, establishes a framework for measuring fair value in accordance with U.S. GAAP, and requires certain disclosures about fair value measurements. Under this standard, fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market

participants at the measurement date. The Company has certain financial assets and liabilities recorded at fair value, which have been classified as Level 1, 2 or 3 within the fair value hierarchy:

- Level 1 - Fair values are determined utilizing prices (unadjusted) in active markets for identical assets or liabilities that the Company has the ability to access,
- Level 2 - Fair values are determined by utilizing quoted prices for identical or similar assets and liabilities in active markets or other market observable inputs such as interest rate yield curves and foreign currency spot rates,
- Level 3 - Prices or valuations that require inputs that are both significant to the fair value measurement and unobservable.

The fair value hierarchy level is determined by asset and class based on the lowest level of significant input. The observability of inputs may change for certain assets or liabilities. This condition could cause an asset or liability to be reclassified between levels. The Company recognizes transfers between levels within the fair value hierarchy, if any, at the end of each quarter.

Valuation methodologies used for assets and liabilities measured or disclosed at fair value are as follows:

- Cash equivalents - Valued at market prices determined through third-party pricing services;
- Foreign currency forward contracts - Valued using market observable inputs, such as forward foreign exchange points and foreign exchange rates;
- Interest rate swap contracts - Valued using market observable inputs, such as interest rate yield curves;
- Life insurance policies - Valued at cash surrender value based on the fair value of underlying investments;
- Debt instruments - The book value of the Company's revolving loans, which are variable rate loans carried at amortized cost, approximates the fair value based on current market pricing of similar debt. The book values of the Company's Senior Notes, which are fixed rate debt, are carried at amortized cost. Fair values of the Senior Notes are based on quoted market prices and on borrowing rates available to the Company; and
- Contingent consideration - Valued based on a probability weighting of the future cash flows associated with the potential outcomes and certain option pricing models.

Inventories

The Company's inventories consist of raw materials, work in process and finished product related primarily to small research models, large research models, Cell Solutions, Microbial Solutions, and CDMO products. Inventories are stated at the lower of cost or net realizable value. Inventory value is generally based on the standard cost method for all businesses. Standard costs are true-up to reflect actual cost. For small models inventory, costs include direct materials such as feed and bedding, costs of personnel directly involved in the care of the models, and an allocation of facility overhead. For the large models inventory, costs are primarily the external cost paid to acquire the model along with certain direct materials, costs of personnel directly involved in the care of the models, and allocation of facility overhead costs. For Cell Solutions inventory, costs include direct materials, costs of personnel directly involved in the processing of products sold, and an allocation of facility overhead. For the Microbial Solutions and CDMO inventory, costs include direct materials, cost of personnel directly involved in the manufacturing and assembly of products sold, and an allocation of facility overhead. Inventory costs are charged to cost of revenue in the period the products are sold to an external party. The Company analyzes its inventory levels on a quarterly basis and writes down inventory for which an excess amount is held or determined to be damaged, obsolete or otherwise unmarketable, with a corresponding charge to cost of products sold.

Property, Plant and Equipment, Net

Property, plant and equipment, net is stated at cost less accumulated depreciation. Major repairs which extend the useful life of an asset are capitalized. Routine repairs and maintenance are expensed as incurred. Leasehold improvements are amortized over the shorter of the estimated useful life of the asset or the lease term. Finance lease assets are amortized over the lease term, however, if ownership is transferred by the end of the finance lease, or there is a bargain purchase option, such finance lease assets are amortized over the useful life that would be assigned if such assets were owned. The Company capitalizes certain application development stage costs for internal use software. The Company also capitalizes costs related to specific upgrades and enhancements when it is probable the expenditures will result in additional functionality. Costs incurred during the preliminary project stages in addition to maintenance and training costs are expensed as incurred. Interest costs incurred during the construction of major capital projects are capitalized until the underlying asset is ready for its intended use, at which point the interest costs are amortized as depreciation expense over the life of the underlying asset.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The Company generally depreciates the cost of its property, plant and equipment using the straight-line method over the estimated useful lives of the respective assets as follows:

	Estimated Useful Lives
	(in years)
Land	Indefinite
Buildings and building improvements	10 - 40
Machinery and equipment	3 - 20
Furniture and fixtures	5 - 10
Computer hardware and software	3 - 8
Vehicles	3 - 5

When the Company disposes of property, plant and equipment, it removes the associated cost and accumulated depreciation from the related accounts on its consolidated balance sheet and includes any resulting gain or loss recorded in Other (expense) income, net in the accompanying consolidated statements of income.

Business Combinations

The Company accounts for business combinations under the acquisition method of accounting. The Company allocates the amounts that it pays for each acquisition to the assets it acquires and liabilities it assumes based on their fair values at the dates of acquisition, including identifiable intangible assets and certain biological assets, which can represent a significant portion of the purchase price. The determination of the fair value of intangible and certain biological assets requires the use of significant judgment using management's best estimates of inputs and assumptions that a market participant would use. Significant judgments include (i) the fair value; and (ii) whether such assets are amortizable or non-amortizable and, if the former, the period and the method by which the asset will be amortized. The Company utilizes commonly accepted valuation techniques, such as the income, cost, and market approaches as appropriate, in establishing the fair value of assets. Typically, key assumptions include projections of cash flows that arise from identifiable assets of acquired businesses as well as discount rates based on an analysis of the weighted average cost of capital, adjusted for specific risks associated with the assets.

In recent acquisitions, customer relationship intangible assets (also referred to as client relationships) and certain biological assets are the most significant identifiable asset acquired. To determine the fair value of these acquired assets, the Company typically utilizes the multiple period excess earnings model (a commonly accepted valuation technique), which relies on the following key assumptions: projections of cash flows from the acquired entities, which includes future revenue, cost of revenue, operating income margins, customer attrition rates, and productivity rates; as well as discount rates based on a market participant's weighted average cost of capital.

Contingent Consideration

The consideration for the Company's acquisitions may include future payments that are contingent upon the occurrence of a particular event. The Company records an obligation for such contingent payments at fair value on the acquisition date. The Company estimates the fair value of contingent consideration obligations through valuation models, such as probability-weighted and option pricing models, that incorporate probability adjusted assumptions and simulations related to the achievement of the milestones and the likelihood of making related payments. The Company revalues these contingent consideration obligations each reporting period. Changes in the fair value of the contingent consideration obligations are recognized in the Company's consolidated statements of income as a component of selling, general and administrative expenses. Changes in the fair value of the contingent consideration obligations can result from changes to one or multiple inputs, including adjustments to the discount rates and changes in the assumed probabilities of successful achievement of certain financial targets.

Discount rates in the Company's valuation models represent a measure of the credit risk associated with settling the liability. The period over which the Company discounts its contingent obligations is typically based on when the contingent payments would be triggered. These fair value measurements are based on significant inputs not observable in the market.

Divestitures

The Company records divestitures at fair value less cost to sell with any related gain or loss from sale recorded within Other income (expense) in the Company's consolidated statements of income. If the sale price includes contingent payments, these are fair valued using a probability weighted model. If the business divested is part of a reporting unit, goodwill from the reporting unit is reallocated based on the fair value of the divested business compared to the fair value of the reporting unit.

Goodwill

Goodwill represents the difference between the purchase price and the fair value of assets acquired and liabilities assumed when accounted for using the acquisition method of accounting. Goodwill is not amortized, but reviewed for impairment on an annual basis, during the fourth quarter, or more frequently if an event occurs or circumstances change that would more-likely-than-not reduce the fair value of the Company's reporting units below their carrying amounts.

The Company has the option to first assess qualitative factors to determine whether it is necessary to perform the quantitative impairment test. If the Company elects this option and believes, as a result of the qualitative assessment, that it is more-likely-than-not that the carrying value of goodwill is not recoverable, the quantitative impairment test is required; otherwise, no further testing is required. Alternatively, the Company may elect to not first assess qualitative factors and immediately perform the quantitative impairment test. In the quantitative test, the Company compares the fair value of its reporting units to their carrying values. The determination of the fair value of reporting units requires the use of significant judgment using the Company's best estimates of inputs and assumptions that a market participant would use. Fair value is determined by using a weighted combination of a market-based approach and an income approach, as this combination is deemed to be the most indicative of fair value in an orderly transaction between market participants. Under the market-based approach, the Company utilizes entity specific information about the Company as well as publicly available industry information to determine earnings multiples and sales multiples that are used to value the Company's reporting units. Under the income approach, fair value is determined based on the estimated future cash flows of each reporting unit, discounted by an estimated weighted-average cost of capital, which reflects the overall level of inherent risk of the reporting unit and the rate of return an outside investor would expect to earn. If the carrying values of the net assets assigned to the reporting units exceed the fair values of the reporting units an impairment loss equal to the difference would be recorded.

Valuation and Impairment of Long-Lived Assets

Long-lived assets to be held and used are amortized or depreciated over their useful life or over the pattern in which the economic benefits are utilized and are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of the assets or asset group may not be recoverable. Determination of recoverability is based on an estimate of undiscounted future cash flows resulting from the use of the asset or asset group and where applicable, its eventual disposition. In the event that such cash flows are not expected to be sufficient to recover the carrying amount of the assets, the assets are written-down to their fair values.

Long-lived assets to be disposed of are carried at fair value less costs to sell.

Venture Capital Investments

The Company invests in several venture capital funds that invest in start-up companies, primarily in the life sciences industry. The Company's ownership interest in these funds ranges from less than 1% to approximately 20%. The Company accounts for the investments in limited partnerships (LPs) and limited liability corporations (LLCs), which are variable interest entities, under the equity method of accounting. For publicly held investments in the LPs and LLCs, the Company adjusts for changes in fair market value based on reported share holdings at the end of each fiscal quarter. The Company is not the primary beneficiary because it has no power to direct the activities that most significantly affect the LPs' and LLCs' economic performance.

Under the equity method of accounting, the Company's portion of the investment gains and losses, as reported in the fund's financial statements on a quarterly lag each reporting period, is recorded in Other (expense) income, net in the accompanying consolidated statements of income. In addition, the Company adjusts the carrying value of these investments to reflect its estimate of changes to fair value since the fund's financial statements are based on information from the fund's management team, market prices of known public holdings of the fund, and other information.

Strategic Equity Investments

The Company invests, with minority positions, directly in equity of predominantly privately held companies that are reported either at fair value or under the equity method of accounting, as appropriate. Equity investments that do not have readily determinable fair values are generally recorded at cost minus impairment, if any, plus or minus changes resulting from observable price changes in orderly transactions for the identical or a similar investment of the same investee. Gains and losses from strategic equity investments are recorded in Other (expense) income, net in the accompanying consolidated statements of income.

Derivative Contracts

The Company is exposed to certain risks relating to its ongoing business operations including changes to interest rates and currency exchange rates. The company uses derivative instruments primarily to manage currency exchange and interest rate risks. The Company recognizes derivative instruments as either assets or liabilities and measures those instruments at fair value. If a derivative is a hedge, depending on the nature of the hedge, changes in the fair value of the derivative are either offset against the change in fair value of the hedged item through earnings or recognized in other comprehensive items until the hedged item is recognized in earnings. Derivatives that are not designated as hedges are recorded at fair value through earnings.

For derivative instruments that are designated and qualify as a cash flow hedge, the gain or loss on the derivative is reported as a component of other comprehensive items and reclassified into earnings in the same period or periods during which the hedged transaction affects earnings and is presented in the same income statement line item as the earnings effect of the hedged item. The Company uses an interest rate swap to manage interest rate fluctuation related to floating rate borrowings under the Credit Facility.

The Company uses short-term forward currency exchange contracts primarily to hedge certain balance sheet and operational exposures resulting from changes in currency exchange rates, predominantly intercompany loans. The currency-exchange contracts principally hedge transactions denominated in Canadian dollars and euros. The Company does not hold or engage in transactions involving derivative instruments for purposes other than risk management.

Life Insurance Contracts

Investments in life insurance contracts are recorded at cash surrender value. The initial investment is remeasured based on fair value of underlying investments or contractual value each reporting period. Gains and losses from life insurance contracts are recorded in Other income (expense), net in the accompanying consolidated statements of income. Investments in and redemptions of these life insurance contracts are reported as cash flows from investing activities in the consolidated statement of cash flows. The Company held 44 contracts at December 28, 2024 with a face value of \$91.3 million and 44 contracts with a face value of \$82.4 million at December 30, 2023, which are recorded in Other assets.

Leases

At inception of a contract, the Company determines if a contract meets the definition of a lease. A lease is a contract, or part of a contract, that conveys the right to control the use of identified property, plant, or equipment (an identified asset) for a period of time in exchange for consideration. The Company determines if the contract conveys the right to control the use of an identified asset for a period of time. The Company assesses throughout the period of use whether the Company has both of the following: (1) the right to obtain substantially all of the economic benefits from use of the identified asset, and (2) the right to direct the use of the identified asset. This determination is reassessed if the terms of the contract are changed. Leases are classified as operating or finance leases based on the terms of the lease agreement and certain characteristics of the identified asset. Right-of-use assets and lease liabilities are recognized at lease commencement date based on the present value of the minimum future lease payments.

The Company leases laboratory, production, and office space (real estate), as well as land, vehicles and certain equipment under non-cancellable operating and finance leases. The carrying value of the Company's right-of-use lease assets is substantially concentrated in its real estate leases, while the volume of lease agreements is primarily concentrated in vehicles and equipment leases. The Company's policy is to not record leases with an original term of twelve months or less on the consolidated balance sheets. The Company recognizes lease expense for these short-term leases on a straight-line basis over the lease term.

Certain lease agreements include rental payments that are adjusted periodically for inflation or other variables. In addition to rent, the leases may require the Company to pay additional amounts for taxes, insurance, maintenance and other expenses, which are generally referred to as non-lease components. Such adjustments to rental payments and variable non-lease components are treated as variable lease payments and recognized in the period in which the obligation for these payments was incurred. Variable lease components and variable non-lease components are not measured as part of the right-of-use asset and liability. Only when lease components and their associated non-lease components are fixed are they accounted for as a single lease component and are recognized as part of a right-of-use asset and liability. Total contract consideration is allocated to the combined fixed lease and non-lease component. This policy election applies consistently to all asset classes under lease agreements.

Most real estate leases contain clauses for renewal at the Company's option with renewal terms that generally extend the lease term from 1 to 5 years. Certain lease agreements contain options to purchase the leased property and options to terminate the lease. Payments to be made in option periods are recognized as part of the right-of-use lease assets and lease liabilities when it is reasonably certain that the option to extend the lease will be exercised or the option to terminate the lease will not be exercised, or is not at the Company's option. The Company determines whether the reasonably certain threshold is met by considering contract-, asset-, market-, and entity-based factors.

A portfolio approach is applied to certain lease contracts with similar characteristics. The Company's lease agreements do not contain any significant residual value guarantees or material restrictive covenants imposed by the leases.

The Company subleases a limited number of lease arrangements. Sublease activity is not material to the consolidated financial statements.

Stock-Based Compensation

The Company grants stock options, restricted stock units (RSUs), and performance share units (PSUs) to employees and stock options and RSUs to non-employee directors under stock-based compensation plans. Stock-based compensation is recognized as an expense in the consolidated statements of income based on the grant date fair value, adjusted for forfeitures when they occur, over the requisite service period.

For stock options and RSUs that vest based on service conditions, the Company uses the straight-line method to allocate compensation expense to reporting periods. Where awards are made with non-substantive vesting periods and a portion of the award continues to vest after the employee's eligible retirement, the Company recognizes expense based on the period from the grant date to the date on which the employee is retirement eligible. The Company records the expense for PSU grants subject to performance and/or market conditions using the accelerated attribution method over the remaining service period when management determines that achievement of the performance-based milestone is probable.

The fair value of stock options granted is calculated using the Black-Scholes option-pricing model and the fair value of PSUs is estimated using a lattice model with a Monte Carlo simulation, both of which require the use of subjective assumptions including volatility and expected term, among others. The expected volatility assumption is typically determined using the historical volatility of the Company's common stock over the expected life of the stock-based award. The expected term is determined using historical option exercise activity. The fair value of RSUs is based on the market value of the Company's common stock on the date of grant.

Revenue Recognition

Revenue is recognized when, or as, obligations under the terms of a contract are satisfied, which occurs when control of the promised products or services is transferred to customers. Revenue is measured as the amount of consideration the Company expects to receive in exchange for transferring products or services to a customer ("transaction price").

To the extent the transaction price includes variable consideration, the Company estimates the amount of variable consideration that should be included in the transaction price utilizing the amount to which the Company expects to be entitled. Variable consideration is included in the transaction price if, in the Company's judgment, it is probable that a significant future reversal of cumulative revenue under the contract will not occur. Estimates of variable consideration and determination of whether to include estimated amounts in the transaction price are based largely on an assessment of the Company's anticipated performance and all information (historical, current and forecasted) that is reasonably available. Sales, value add, and other taxes collected on behalf of third parties are excluded from revenue.

When determining the transaction price of a contract, an adjustment is made if payment from a customer occurs either significantly before or significantly after performance, resulting in a significant financing component. Generally, the Company does not extend payment terms beyond one year. Applying the practical expedient, the Company does not assess whether a significant financing component exists if the period between when the Company performs its obligations under the contract and when the customer pays is one year or less. The Company's contracts do not generally contain significant financing components.

Contracts with customers may contain multiple performance obligations. For such arrangements, the transaction price is allocated to each performance obligation based on the estimated relative standalone selling prices of the promised products or services underlying each performance obligation. The Company determines standalone selling prices based on the price at which the performance obligation is sold separately. If the standalone selling price is not observable through past transactions, the Company estimates the standalone selling price taking into account available information such as market conditions and internally approved pricing guidelines related to the performance obligations.

Contracts are often modified to account for changes in contract specifications and requirements. Contract modifications exist when the modification either creates new, or changes existing, enforceable rights and obligations. Generally, when contract modifications create new performance obligations, the modification is considered to be a separate contract and revenue is recognized prospectively. When contract modifications change existing performance obligations, the impact on the existing transaction price and measure of progress for the performance obligation to which it relates is generally recognized as an adjustment to revenue (either as an increase in or a reduction of revenue) on a cumulative catch-up basis.

Product revenue is generally recognized when the customer obtains control of the Company's product, which occurs at a point in time, and may be upon shipment or upon delivery based on the contractual shipping terms of a contract. Service revenue is

generally recognized over time as the services are delivered to the customer based on the extent of progress towards completion of the performance obligation. The selection of the method to measure progress towards completion requires judgment and is based on the nature of the products or services to be provided. Depending on which better depicts the transfer of value to the customer, the Company generally measures its progress using either cost-to-cost (input method) or right-to-invoice (output method). The Company uses the cost-to-cost measure of progress when it best depicts the transfer of value to the customer which occurs as the Company incurs costs on its contract, generally related to fixed fee service contracts. Under the cost-to-cost measure of progress, the extent of progress towards completion is measured based on the ratio of costs incurred to date to the total estimated costs at completion of the performance obligation. The costs calculation includes variables such as labor hours, allocation of overhead costs, research model costs, and subcontractor costs. Revenue is recorded proportionally as costs are incurred. The right-to-invoice measure of progress is generally related to rate per unit contracts, as the extent of progress towards completion is measured based on discrete service or time-based increments, such as samples tested or labor hours incurred. Revenue is recorded in the amount invoiced since that amount corresponds directly to the value of the Company's performance to date.

The timing of revenue recognition, billings and cash collections results in billed receivables (client receivables), contract assets (unbilled revenue), and contract liabilities (current and long-term deferred revenue and customer contract deposits) on the consolidated balance sheets. The Company's payment terms are generally 30 days in the United States and consistent with prevailing practice in international markets. A contract asset is recorded when a right to consideration in exchange for goods or services transferred to a customer is conditioned other than the passage of time. Client receivables are recorded separately from contract assets since only the passage of time is required before consideration is due. A contract liability is recorded when consideration is received, or such consideration is unconditionally due, from a customer prior to transferring goods or services to the customer under the terms of a contract. Contract liabilities are recognized as revenue after control of the products or services is transferred to the customer and all revenue recognition criteria have been met. Cumulative catch-up adjustments to revenue are periodically recorded that affect the corresponding contract asset or contract liability, including adjustments arising from a change in the measure of progress, a change in an estimate of the transaction price (including any changes in the assessment of whether an estimate of variable consideration), or a contract modification.

Income Taxes

The provision for income taxes includes federal, state, local and foreign taxes. Income taxes are accounted for under the liability method. Deferred tax assets and liabilities are recognized for the expected future tax consequences of temporary differences between the financial statements carrying amounts and their respective tax basis. The Company measures deferred tax assets and liabilities using the enacted tax rates in effect when the temporary differences are expected to be settled. The Company evaluates the realizability of its deferred tax assets and establishes a valuation allowance when it is more likely than not that all or a portion of deferred tax assets will not be realized.

The Company accounts for uncertain tax positions using a "more-likely-than-not" threshold for recognizing and resolving uncertain tax positions. The Company evaluates uncertain tax positions on a quarterly basis and considers various factors, including, but not limited to, changes in tax law, the measurement of tax positions taken or expected to be taken in tax returns, the effective settlement of matters subject to audit, information obtained during in-process audit activities and changes in facts or circumstances related to a tax position. The Company also accrues for potential interest and penalties related to unrecognized tax benefits in income tax expense.

Foreign Currency Contracts

Foreign currency contracts are recorded at fair value in the Company's consolidated balance sheets and are not designated as hedging instruments. Any gains or losses on forward contracts associated with intercompany loans are recognized immediately in Other (expense) income, net and are largely offset by the remeasurement of the underlying intercompany loan. Any gains or losses on forward contracts associated with the Company's U.S. dollar denominated loan borrowed by a non-U.S. entity under the Company's Credit Facility are recognized immediately in Interest expense. Gains or losses incurred on the remeasurement of the Company's U.S. dollar denominated loan borrowed by a non-U.S. entity with a different functional currency is recorded in Other (expense) income, net.

Translation of Foreign Currencies

For the Company's subsidiaries that transact in a functional currency other than the U.S. dollar, assets and liabilities are translated at current rates of exchange as of the balance sheet date. Income and expense items are translated at the average foreign exchange rates for the period. Adjustments resulting from the translation of the financial statements of the Company's foreign operations into U.S. dollars are excluded from the determination of net income and are recorded in accumulated other comprehensive loss, a separate component of equity.

Pension and Other Post-Retirement Benefit Plans

The Company recognizes the funded status of its defined benefit pension and other post-retirement benefit plans as an asset or liability. This amount is defined as the difference between the fair value of plan assets and the benefit obligation. The Company measures plan assets and benefit obligations as of its fiscal year end.

The key assumptions used to calculate benefit obligations and related pension costs include expected long-term rate of return on plan assets, withdrawal and mortality rates, expected rate of increase in employee compensation levels and a discount rate. Assumptions are determined based on the Company's data and appropriate market indicators, and evaluated each year as of the plan's measurement date.

The expected long-term rate of return on plan assets reflects the average rate of earnings expected on the funds invested, or to be invested, to provide for the benefits included in the projected benefit obligations. In determining the expected long-term rate of return on plan assets, the Company considers the relative weighting of plan assets, the historical performance of total plan assets and individual asset classes and economic and other indicators of future performance.

The rate of compensation increase reflects the expected annual salary increases for the plan participants based on historical experience and the current employee compensation strategy.

The Company is required to recognize as a component of Other comprehensive income (loss), net of tax, the actuarial gains or losses and prior service costs or credits that arise but were not previously required to be recognized as components of net periodic benefit cost. Other comprehensive income (loss) is adjusted as these amounts are later recognized in income as components of net periodic benefit cost.

The Company records the service cost component of the net periodic benefit cost within Cost of services provided and Selling, general, and administrative expenses and all other components of net periodic benefit cost within Other (expense) income, net in the consolidated statements of income.

The Company recognizes pension settlement gains or losses in the period when all of the following settlement criteria are met: there is an irrevocable action, the Company is relieved of primary responsibility for a benefit obligation, and significant risks related to the obligation and the assets used to effect the settlement are eliminated.

Earnings Per Share

Basic earnings per share is calculated by dividing net income attributable to common shareholders by the weighted-average number of common shares outstanding during the period. Except where the result would be anti-dilutive to income from continuing operations, diluted earnings per share is computed using the treasury stock method, assuming the exercise of stock options and the vesting of RSUs, or evaluating the performance conditions for PSUs to assess whether the conditions have been met, as well as their related income tax effects.

Treasury Shares

The Company periodically retires treasury shares acquired through share repurchases, and returns those shares to the status of authorized but unissued. The Company accounts for treasury stock transactions under the cost method. For each reacquisition of common stock, the number of shares and the acquisition price for those shares is added to the existing treasury stock count and total value. Thus, the average cost per share is re-averaged each time shares are acquired. When treasury shares are retired, the Company allocates the excess of the repurchase price over the par value of shares acquired to both retained earnings and additional paid-in-capital. The portion allocated to additional paid-in-capital is determined by applying a percentage, determined by dividing the number of shares to be retired by the number of shares issued, to the balance of additional paid-in-capital as of the retirement date.

2. ACQUISITIONS AND DIVESTITURES

The Company makes strategic acquisitions designed to expand the portfolio of products and services to support the drug discovery and development continuum. The Company maintains an acquisition strategy that focuses on augmenting internal growth of existing businesses with complementary acquisitions. While the Company did not enter into any acquisitions in fiscal year 2024, acquisition activity for fiscal years 2023 and 2022 are described below.

Fiscal 2023 Acquisitions

Noveprim Group

On November 30, 2023, the Company completed the acquisition of an additional 41% equity interest of Noveprim Group (Noveprim), a leading supplier of non-human primates (NHPs) located in Mauritius, resulting in a 90% controlling interest. The Company had previously acquired a 49% equity interest in 2022 for \$90.0 million plus additional contingent payments up to \$5.0 million based on future performance. The total consideration allocable to the Noveprim acquisition is \$392.4 million,

which includes \$144.6 million additional cash paid for the 41% equity interest, elimination of historical activity and intercompany balances of \$209.5 million which includes a remeasurement gain on the 49% equity investment of \$113.0 million, contingent consideration of \$33.3 million, deferred purchase price of \$12.0 million payable from 2024 through 2027, offset by post-closing adjustments for working capital of \$7.0 million. The purchase price reflected an agreement with the seller on working capital and debt, which was adjusted from \$13.8 million to \$7.0 million during fiscal year 2024. As a result of measurement period adjustments to the purchase price, goodwill and remeasurement gains on the previous 49% equity investment during fiscal year 2024, were increased by \$17.6 million and \$9.8 million, respectively. Remeasurement gains are recorded in Other income (expense), net, within the consolidated statements of income. The contingent consideration fair value is estimated using a Monte Carlo Simulation model and the maximum contingent contractual payments are up to \$55.0 million based on future performance and milestone achievements from fiscal years 2023 through 2025. The Company has the call option right to purchase the remaining 10% equity interest up until one month after the sixth anniversary of closing the 41% equity interest. On the first anniversary of the expiration of the call option, a 12-month put option will be triggered giving the seller the right to require the Company to acquire the remaining shares of the seller. The redemption price for the call/put is fixed and ranges from \$47.0 million to \$54.0 million depending on when exercised. The noncontrolling interest is classified as a redeemable noncontrolling interest in the mezzanine section of the consolidated balance sheets. The acquisition was funded through a combination of available cash and proceeds from the Company's Credit Facility. This business is reported as part of the Company's DSA reportable segment for NHPs vertically integrated into the DSA supply chain and the RMS reportable segment for those NHPs sold to third party customers. The Company incurred transaction and integration costs in connection with the acquisition of \$1.5 million and \$4.2 million during fiscal years 2024 and 2023, respectively, which was included in Selling, general and administrative expenses within the consolidated statements of income.

SAMDI Tech, Inc.

On January 27, 2023, the Company acquired SAMDI Tech, Inc., (SAMDI), a leading provider of high-quality, label-free high-throughput screening (HTS) solutions for drug discovery research. The acquisition of SAMDI will provide clients with seamless access to the premier, label-free HTS MS platform and create a comprehensive, library of drug discovery solutions. The purchase price of SAMDI was \$62.8 million, net of \$0.4 million in cash, inclusive of a 20% strategic equity interest previously owned by the Company of \$12.6 million. The acquisition was funded through a combination of available cash and proceeds from the Company's Credit Facility. This business is reported as part of the Company's DSA reportable segment. No significant transaction and integration costs were incurred with the acquisition for the fiscal year 2024. The Company incurred transaction and integration costs in connection with the acquisition of \$0.9 million during fiscal year 2023, which was included in Selling, general and administrative expenses within the consolidated statements of income.

Fiscal 2022 Acquisition

Explora BioLabs Holdings, Inc.

On April 5, 2022, the Company acquired Explora BioLabs Holdings, Inc. (Explora BioLabs), a provider of contract vivarium research services, providing biopharmaceutical clients with turnkey *in vivo* vivarium facilities, management and related services to efficiently conduct their early-stage research activities. The acquisition of Explora BioLabs complements the Company's existing Insourcing Solutions business, specifically the CRADL™ (Charles River Accelerator and Development Lab) footprint, and offers incremental opportunities to partner with an emerging client base, many of which are engaged in cell and gene therapy development. The purchase price of Explora BioLabs was \$284.5 million, net of \$6.6 million in cash. The acquisition was funded through proceeds from the Company's Credit Facility. This business is reported as part of the Company's RMS reportable segment. The Company incurred transaction and integration costs in connection with the acquisition of \$2.9 million, and \$7.5 million during fiscal years 2023 and 2022, respectively, which was primarily included in Selling, general and administrative expenses within the consolidated statements of income.

Purchase price information

The purchase price allocation for acquisitions during fiscal years 2024, 2023, and 2022 was as follows:

	Noveprim Group November 30, 2023	SAMDI Tech, Inc. January 27, 2023	Explora BioLabs April 5, 2022
	(in thousands)		
Trade receivables	\$ 1,308	\$ 513	\$ 7,679
Inventories	66,500	—	—
Other current assets (excluding cash)	3,261	75	1,067
Property, plant and equipment	36,154	593	37,369
Operating lease right-of-use asset, net	104	—	48,613
Goodwill ⁽¹⁾	190,024	37,129	215,752
Definite-lived intangible assets	9,500	33,070	70,100
Other long-term assets ⁽²⁾	167,907	6	556
Deferred revenue	—	(43)	(3,507)
Other current liabilities	(16,268)	(351)	(15,507)
Operating lease right-of-use liabilities (Long-term)	(97)	—	(57,193)
Deferred tax liabilities	(12,984)	(8,191)	(18,601)
Other long-term liabilities	(7,579)	—	(1,807)
Redeemable noncontrolling interest ⁽³⁾	(45,426)	—	—
Total purchase price allocation	\$ 392,404	\$ 62,801	\$ 284,521

⁽¹⁾ The goodwill resulting from these transactions is primarily attributable to the potential growth of the Company's segments from new customers introduced to the acquired businesses or synergies to be realized from acquiring an internal supplier servicing the DSA business and the assembled workforce of the acquirees, thus is not deductible for tax purposes. Explora BioLabs had \$5.0 million of goodwill due to prior asset acquisition that is deductible for tax purposes.

⁽²⁾ Other long-term assets acquired from the Noveprim acquisition include \$167.8 million of biological assets, which will be amortized over an estimated eight-year useful life.

⁽³⁾ Refer to Note 12 – Equity and Noncontrolling Interests for further a description of the 10% noncontrolling interest fair value.

The definite-lived intangible assets acquired during fiscal years 2024, 2023, and 2022 were as follows:

	Noveprim Group	SAMDI Tech, Inc.	Explora Biolabs
	(in thousands)		
Definite-Lived Intangible Assets			
Client relationships	\$ —	\$ 23,400	\$ 64,000
Other intangible assets	9,500	9,670	6,100
Total definite-lived intangible assets	\$ 9,500	\$ 33,070	\$ 70,100
Weighted Average Amortization Life	(in years)		
Client relationships	—	15	13
Other intangible assets	7	7	4
Total definite-lived intangible assets	7	12	12

Divestitures

The Company routinely evaluates the strategic fit and fundamental performance of its global businesses, divesting operations that do not meet key business criteria. As part of this ongoing assessment, the Company determined that certain capital could be better deployed in other long-term growth opportunities.

Avian Vaccine Services

On December 20, 2022, the Company sold its Avian Vaccine Services business (Avian) to a private investor group for a purchase price of \$167.3 million in cash, subject to certain customary closing adjustments. The Company may also earn up to \$30.0 million of contingent payments, which are tied to certain annual results of the Avian business from January 2024 through December 2027. The contingent payments have been fair valued at \$10.3 million using a discounted probability weighted model. The Avian business was reported in the Company's Manufacturing reportable segment. During the fiscal year 2022, the

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Company recorded a gain on the divestiture of Avian of \$123.4 million within Other income (expense) on the Company's consolidated statements of income.

The carrying amounts of the major classes of assets and liabilities associated with this divestiture were as follows:

	December 19, 2022	
	Avian	
	(in thousands)	
Assets		
Current assets	\$	30,545
Property, plant, and equipment, net		24,602
Operating lease right-of-use assets, net		611
Goodwill		3,168
Client relationships, net		1,629
Other assets		10
Total assets	\$	60,565
Liabilities		
Current liabilities	\$	8,139
Operating lease right-of-use liabilities		331
Long-term liabilities		—
Total liabilities	\$	8,470

3. REVENUE FROM CONTRACTS WITH CUSTOMERS

Disaggregation of Revenue

The following table disaggregates the Company's revenue by reportable segment and timing of transfer of products or services:

Timing of Revenue Recognition:	2024	2023	2022
	(in thousands)		
RMS			
Services and products transferred over time	\$ 380,899	\$ 377,947	\$ 340,708
Services and products transferred at a point in time	448,478	414,396	398,467
Total RMS revenue	829,377	792,343	739,175
DSA			
Services and products transferred over time	2,446,751	2,611,564	2,440,646
Services and products transferred at a point in time	4,529	4,059	6,670
Total DSA revenue	2,451,280	2,615,623	2,447,316
Manufacturing			
Services and products transferred over time	407,474	381,942	371,500
Services and products transferred at a point in time	361,858	339,501	418,069
Total Manufacturing revenue	769,332	721,443	789,569
Total revenue	\$ 4,049,989	\$ 4,129,409	\$ 3,976,060

Contract Balances from Contracts with Customers

The following table provides information about client receivables, contract assets, and contract liabilities from contracts with customers:

	December 28, 2024	December 30, 2023
	(in thousands)	
Assets from contracts with customers		
Client receivables	\$ 527,705	\$ 578,077
Unbilled revenue	211,511	228,020
Total	739,216	806,097
Less: Allowance for credit losses	(18,301)	(25,722)
Trade receivables and contract assets, net	\$ 720,915	\$ 780,375
Liabilities from contracts with customers		
Current deferred revenue	\$ 248,322	\$ 241,820
Long term deferred revenue (included in Other long-term liabilities)	34,291	30,919
Customer contract deposits (included in Other current liabilities)	89,446	85,554

Approximately 90% of unbilled revenue as of December 30, 2023, which was \$228 million, was billed during fiscal year 2024. Approximately 95% of unbilled revenue as of December 31, 2022, which was \$204 million, was billed during fiscal year 2023.

Approximately 80% of contract liabilities as of December 30, 2023, which was \$273 million were recognized as revenue during fiscal year 2024. Approximately 85% of contract liabilities as of December 31, 2022, which was \$290 million, were recognized as revenue during fiscal year 2023.

When the Company does not have the unconditional right to advanced billings, both advanced client payments and unpaid advanced client billings are excluded from deferred revenue, with the advanced billings also being excluded from client receivables. The Company excluded approximately \$38 million and \$41 million of unpaid advanced client billings from both client receivables and deferred revenue in the accompanying consolidated balance sheets as of December 28, 2024 and December 30, 2023, respectively.

Allowance for Credit Losses

The following is a summary of the activity of the Company's allowance for credit losses:

	Fiscal Year		
	December 28, 2024	December 30, 2023	December 31, 2022
	(in thousands)		
Beginning balance	\$ 25,722	\$ 11,278	\$ 7,180
Provisions	14,774	18,225	6,706
Reductions	(22,195)	(3,781)	(2,608)
Ending balance	\$ 18,301	\$ 25,722	\$ 11,278

Net provision expenses were \$12.9 million, \$18.2 million, and \$6.7 million in fiscal years 2024, 2023, and 2022, respectively and include recoveries of balances previously written off, which are excluded from the table above.

Transaction Price Allocated to Future Performance Obligations

The Company discloses the aggregate amount of transaction price that is allocated to performance obligations that have not yet been satisfied as of December 28, 2024. Excluded from the disclosure is the value of unsatisfied performance obligations for contracts with an original expected length of one year or less, contracts for which revenue is recognized at the amount to which the Company has the right to invoice for services performed and service revenue recognized in accordance with ASC 842, "Leases". The aggregate amount of transaction price allocated to the remaining performance obligations for all open customer contracts as of December 28, 2024 was \$788.5 million. The Company will recognize revenues for these performance obligations as they are satisfied, approximately 50% of which is expected to occur within the next twelve months and the remainder recognized thereafter during the remaining contract term.

Other Performance Obligations

As part of the Company's service offerings, the Company has identified performance obligations related to leasing Company owned assets. In certain arrangements, customers obtain substantially all of the economic benefits of the identified assets, which may include manufacturing suites and related equipment, and have the right to direct the assets' use over the term of the contract. The associated revenue is recognized on a straight-line basis over the term of the lease, which is generally less than one year, and recorded within service revenue. The Company recognized \$69.0 million, \$93.1 million, and \$60.1 million in lease revenue in fiscal years 2024, 2023, and 2022, respectively. Due to the nature of these arrangements and timing of the contractual lease term, the remaining revenue to be recognized related to these lease performance obligations is not material to the consolidated financial statements.

4. SEGMENT AND GEOGRAPHIC INFORMATION

The Company operates in three reportable segments (RMS, DSA, and Manufacturing). The reportable segments comprise the structure used by the Company's Chief Executive Officer, who is the Chief Operating Decision Maker (CODM), to make key operating decisions and assess performance. These segments are strategic business units with differing products and services.

The Company's CODM evaluates the segments operating performance based on operating income. Operating income is the measure of profit or loss regularly provided to and used by the CODM to assess performance and allocate resources. Operating income is defined as revenue less costs of revenue; selling, general, and administrative expenses; amortization of intangible assets; and goodwill impairments. For each segment, the CODM uses operating income in the annual budgeting and quarterly forecasting process when comparing to actual results. Asset information on a reportable segment basis is not disclosed as this information is not separately identified and internally reported to the Company's CODM. The following table presents the results of operations by reportable segment:

	Fiscal Year		
	December 28, 2024	December 30, 2023	December 31, 2022
RMS			
Revenue	\$ 829,377	\$ 792,343	\$ 7
Cost of revenue (excluding amortization of intangible assets)	580,491	509,970	4
Selling, general and administrative	110,982	105,965	1
Amortization of intangible assets	23,493	21,742	
Operating income	<u>\$ 114,411</u>	<u>\$ 154,666</u>	<u>\$ 1</u>
DSA			
Revenue	\$ 2,451,280	\$ 2,615,623	\$ 2,4
Cost of revenue (excluding amortization of intangible assets)	1,697,166	1,675,472	1,6
Selling, general and administrative	249,097	263,770	2
Amortization of intangible assets	62,507	70,305	
Operating income	<u>\$ 442,510</u>	<u>\$ 606,076</u>	<u>\$ 5</u>
Manufacturing			
Revenue	\$ 769,332	\$ 721,443	\$ 7
Cost of revenue (excluding amortization of intangible assets)	440,511	441,411	4
Selling, general and administrative	132,803	146,311	1
Amortization of intangible assets	52,471	45,392	
Goodwill impairment	215,000	—	
Operating income (loss)	<u>\$ (71,453)</u>	<u>\$ 88,329</u>	<u>\$ 1</u>
Unallocated Corporate ⁽¹⁾			
Selling, general and administrative	\$ 258,121	\$ 231,810	\$ 2
Operating income (loss)	<u>\$ (258,121)</u>	<u>\$ (231,810)</u>	<u>\$ (2)</u>

⁽¹⁾ Operating income for unallocated corporate consists of costs associated with departments such as senior executives, corporate accounting, legal, tax, human resources, treasury, and investor rel

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

	Fiscal Year		
	December 28, 2024	December 30, 2023	December 31, 2022
Revenue			
RMS	\$ 829,377	\$ 792,343	\$ 7
DSA	2,451,280	2,615,623	2,4
Manufacturing	769,332	721,443	7
Total revenue	<u>\$ 4,049,989</u>	<u>\$ 4,129,409</u>	<u>\$ 3,9</u>
Operating Income (Loss)			
RMS	\$ 114,411	\$ 154,666	\$ 1
DSA	442,510	606,076	5
Manufacturing	(71,453)	88,329	1
Segment operating income	485,468	849,071	8
Unallocated corporate	(258,121)	(231,810)	(2)
Operating income	<u>\$ 227,347</u>	<u>\$ 617,261</u>	<u>\$ 6</u>
Other income (expense):			
Interest income	8,575	5,196	
Interest expense	(126,288)	(136,710)	(
Other income (expense), net	(16,520)	95,537	(
Income before income taxes	<u>\$ 93,114</u>	<u>\$ 581,284</u>	<u>\$ 6</u>

Capital expenditures and depreciation and amortization (related to both intangible assets and certain assets acquired in business combinations) by reportable segment are as follows:

	RMS	DSA	Manufacturing	Unallocated Corporate	Consolidated
	(in thousands)				
Capital Expenditures					
Fiscal Year					
2024	\$ 64,134	\$ 128,356	\$ 38,500	\$ 1,977	\$ 232,967
2023	52,819	204,891	58,134	2,684	318,528
2022	44,136	189,563	87,084	3,950	324,733
Depreciation and amortization					
Fiscal Year					
2024	\$ 73,812	\$ 191,126	\$ 89,964	\$ 6,839	\$ 361,741
2023	55,570	174,719	79,982	3,853	314,124
2022	49,274	179,465	72,950	2,181	303,870

Revenue represents sales originating in entities physically located in the identified geographic area. Revenue by geographic area is as follows:

	U.S.	Europe	Canada	Asia Pacific	Other ⁽¹⁾	Consolidated
	(in thousands)					
Fiscal Year						
2024	\$ 2,239,977	\$ 1,078,146	\$ 482,093	\$ 196,952	\$ 52,821	\$ 4,049,989
2023	2,347,486	1,076,937	487,305	200,833	16,848	4,129,409
2022	2,342,158	1,032,125	398,982	192,837	9,958	3,976,060

⁽¹⁾ The Other category represents operations located in Brazil, Israel, and Mauritius.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Long-lived assets consist of property, plant, and equipment, net. Long-lived assets by geographic area are as follows:

Fiscal Year	U.S.	Europe	Canada	Asia Pacific	Other ⁽¹⁾	Consolidated
	(in thousands)					
2024	\$ 941,621	\$ 412,967	\$ 147,039	\$ 66,046	\$ 36,341	\$ 1,604,014
2023	964,176	407,375	157,483	74,605	36,102	1,639,741
2022	896,235	349,361	135,300	82,778	1,981	1,465,655

⁽¹⁾ The Other category represents operations located in Brazil and Mauritius.

5. SUPPLEMENTAL CASH FLOW INFORMATION

	Fiscal Year		
	2024	2023	2022
(in thousands)			
Cash paid for income taxes	\$ 126,062	\$ 90,374	\$ 75,909
Cash paid for interest	123,452	132,101	100,754
Non-cash investing and financing activities:			
Purchases of Property, plant and equipment included in Accounts payable and Accrued liabilities	\$ 43,136	\$ 69,139	\$ 88,612
Assets acquired under finance leases	3,214	—	8,179

Cash, cash equivalents and restricted cash is included in the accompanying balance sheets as follows:

	December 28, 2024	December 30, 2023
	(in thousands)	
Supplemental cash flow information:		
Cash and cash equivalents	\$ 194,606	\$ 276,771
Restricted cash included in Other current assets	9,538	5,803
Restricted cash included in Other assets	1,426	1,906
Cash, cash equivalents, and restricted cash, end of period	\$ 205,570	\$ 284,480

6. INVENTORY

The composition of inventories is as follows:

	December 28, 2024	December 30, 2023
	(in thousands)	
Raw materials and supplies	\$ 43,041	\$ 42,296
Work in process	51,785	59,727
Finished products ⁽¹⁾	183,718	278,236
Inventories	\$ 278,544	\$ 380,259

⁽¹⁾ This balance is net of an approximate \$27 million write down as of December 28, 2024, associated with the carrying value of assets currently associated with the February 16, 2023, Cambodia-sourced non-human primate matter. See Note 18. Commitments and Contingencies

Inventory step up amortization expense incurred in fiscal year 2024 was \$27.7 million.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

7. PROPERTY, PLANT AND EQUIPMENT, NET

The composition of property, plant and equipment, net is as follows:

	December 28, 2024	December 30, 2023
	(in thousands)	
Land	\$ 71,736	\$ 79,546
Buildings ⁽¹⁾	1,069,667	1,053,915
Machinery and equipment ⁽¹⁾	1,029,424	984,867
Leasehold improvements	438,746	366,556
Furniture and fixtures	30,413	31,284
Computer hardware and software ⁽¹⁾	268,032	254,413
Vehicles ⁽¹⁾	6,800	6,746
Construction in progress	143,306	197,723
Total	3,058,124	2,975,050
Less: Accumulated depreciation	(1,454,110)	(1,335,309)
Property, plant and equipment, net	\$ 1,604,014	\$ 1,639,741

⁽¹⁾ These balances include assets under finance leases. See Note 17. Leases.

Depreciation expense in fiscal years 2024, 2023 and 2022 was \$190.2 million, \$176.7 million, and \$157.3 million, respectively.

8. VENTURE CAPITAL AND STRATEGIC EQUITY INVESTMENTS

Venture capital investments are summarized below:

	December 28, 2024	December 30, 2023	December 31, 2022
	(in thousands)		
Beginning balance	\$ 121,158	\$ 129,012	\$ 149,640
Capital contributions	22,063	17,410	14,485
Distributions	(23,023)	(15,685)	(9,861)
Gain (loss)	(2,753)	(10,263)	(24,398)
Foreign currency translation	(884)	684	(854)
Ending balance	\$ 116,561	\$ 121,158	\$ 129,012

The Company also invests, with minority positions, directly in equity of predominantly privately held companies. Strategic investments are summarized below:

	December 28, 2024	December 30, 2023	December 31, 2022
	(in thousands)		
Beginning balance	\$ 122,653	\$ 182,590	\$ 51,712
Purchase of investments	6,421	34,028	142,477
Distributions	(6,432)	(9,381)	(2,732)
Gain (loss) ⁽¹⁾	(19,935)	108,090	(2,377)
Reduction for acquisition of entities ⁽¹⁾	—	(197,753)	—
Foreign currency translation	(918)	5,079	(6,490)
Ending balance	\$ 101,789	\$ 122,653	\$ 182,590

⁽¹⁾ Refer to Note 2 – Acquisitions and Divestitures for further discussion of the 2023 Noveprim and SAMDI acquisitions.

9. FAIR VALUE

Assets and liabilities measured at fair value on a recurring basis are summarized below:

	December 28, 2024			
	Level 1	Level 2	Level 3	Total
Current assets measured at fair value:	(in thousands)			
Cash equivalents	\$ —	\$ 30	\$ —	\$ 30
Other assets:				
Life insurance policies	—	48,152	—	48,152
Total assets measured at fair value	<u>\$ —</u>	<u>\$ 48,182</u>	<u>\$ —</u>	<u>\$ 48,182</u>
Accrued liabilities measured at fair value:				
Contingent consideration	\$ —	\$ —	\$ 25,000	\$ 25,000
Other long-term liabilities measured at fair value:				
Contingent consideration	—	—	24,311	24,311
Total liabilities measured at fair value	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 49,311</u>	<u>\$ 49,311</u>
	December 30, 2023			
	Level 1	Level 2	Level 3	Total
Current assets measured at fair value:	(in thousands)			
Cash equivalents	\$ —	\$ 29	\$ —	\$ 29
Other assets:				
Life insurance policies	—	40,912	—	40,912
Interest rate swap	—	966	—	966
Total assets measured at fair value	<u>\$ —</u>	<u>\$ 41,907</u>	<u>\$ —</u>	<u>\$ 41,907</u>
Other long-term liabilities measured at fair value:				
Contingent consideration	—	—	33,265	33,265
Total liabilities measured at fair value	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 33,265</u>	<u>\$ 33,265</u>

During fiscal years 2024 and 2023, there were no transfers between fair value levels.

Contingent Consideration

The following table provides a rollforward of the contingent consideration related to the Company's acquisitions.

	Fiscal Year		
	2024	2023	2022
	(in thousands)		
Beginning balance	\$ 33,265	\$ 13,431	\$ 37,244
Additions	—	33,265	3,838
Payments	—	(15,130)	(11,476)
Total gains or losses (realized/unrealized):			
Adjustment of previously recorded contingent liability	16,046	1,810	(15,340)
Foreign currency translation	—	(111)	(835)
Ending balance	<u>\$ 49,311</u>	<u>\$ 33,265</u>	<u>\$ 13,431</u>

The Company estimates the fair value of contingent consideration obligations through valuation models, such as probability-weighted and option pricing models, that incorporate probability adjusted assumptions and simulations related to the achievement of the milestones and the likelihood of making related payments. The unobservable inputs used in the fair value measurements include the probabilities of successful achievement of certain financial targets, forecasted results or targets, volatility, and discount rates. The remaining maximum potential payments are approximately \$55 million, of which the value accrued as of December 28, 2024 is approximately \$49 million. As of December 28, 2024 the weighted average probability of

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

achieving the maximum target is approximately 90%. The average volatility and weighted average cost of capital is approximately 20% and 8%, respectively.

Cash Flow Hedge

The Company is exposed to market fluctuations in interest rates as well as variability in foreign exchange rates. The Company had an interest rate swap with a notional amount of \$500 million that matured November 2, 2024 and was utilized to manage interest rate fluctuation related to floating rate borrowings under the revolving credit facility, at a fixed rate of 4.65%.

Debt Instruments

The book value of the Company's revolving loans are variable rate loans carried at amortized cost which approximates the fair value. The fair value is based on significant other observable inputs, including current interest and foreign currency exchange rates, it is deemed to be Level 2 within the fair value hierarchy.

The book value of the Company's Senior Notes are fixed rate obligations carried at amortized cost. Fair value is based on quoted market prices as well as borrowing rates available to the Company. As the fair value is based on significant other observable outputs, it is deemed to be Level 2 within the fair value hierarchy. The book value and fair value of the Company's Senior Notes is summarized below:

	December 28, 2024		December 30, 2023	
	Book Value	Fair Value	Book Value	Fair Value
	(in thousands)			
4.25% Senior Notes due 2028	\$ 500,000	\$ 473,750	\$ 500,000	\$ 478,100
3.75% Senior Notes due 2029	500,000	456,250	500,000	458,100
4.00% Senior Notes due 2031	500,000	441,250	500,000	449,350

10. GOODWILL AND INTANGIBLE ASSETS

Goodwill

The following table provides a rollforward of the changes in the carrying amount of the Company's goodwill:

	RMS	DSA ⁽¹⁾	Manufacturing	Total
	(in thousands)			
December 31, 2022	\$ 497,710	\$ 1,433,601	\$ 918,592	\$ 2,849,903
Acquisitions	—	209,478	—	209,478
Foreign exchange	(236)	19,355	16,545	35,664
December 30, 2023	497,474	1,662,434	935,137	3,095,045
Acquisitions	—	17,675	—	17,675
Impairment	—	—	(215,000)	(215,000)
Foreign exchange	(734)	(44,458)	(5,920)	(51,112)
December 28, 2024	\$ 496,740	\$ 1,635,651	\$ 714,217	\$ 2,846,608

⁽¹⁾ DSA includes accumulated impairment losses of \$1 billion, which were recognized in fiscal years 2008 and 2010.

The decrease in goodwill during fiscal year 2024 is primarily related to the \$215.0 million impairment charge recognized in the Manufacturing reportable segment and foreign exchange impacts in the DSA reportable segment; partially offset by measurement period adjustments related to the acquisition of Noveprim in the DSA reportable segment. The increase in goodwill during fiscal year 2023 is related to the acquisitions of Noveprim and SAMDI in the DSA reportable segment.

Annual Goodwill Impairment Assessment

Goodwill is tested for impairment annually during the fourth quarter or more frequently if an event occurs or circumstances change that would more-likely-than-not reduce the fair value of the Company's reporting units below their carrying amounts. Based on the Company's quantitative goodwill impairment test, which was performed in the fourth quarter for each of the fiscal years 2024, 2023, and 2022, the fair value of each reporting unit exceeded the reporting unit's book value and, therefore, goodwill was not impaired.

2024 Goodwill Impairment Results from Triggering Events

During the third quarter of fiscal 2024, a triggering event was identified for the Discovery Services reporting unit (part of the DSA reportable segment). This resulted from a continuous decline in market conditions and operational challenges, ultimately resulting in a reduction of Discovery Services' long range financial outlook. In response, management conducted a quantitative impairment test for goodwill to determine if the goodwill in the Discovery Services reporting unit was impaired. Upon completion of a quantitative impairment test, it was determined that the fair value of the reporting unit exceeded its carrying value as of the end of the third quarter of fiscal 2024, and no impairment was recognized. During the fourth quarter of fiscal 2024, as part of the annual impairment assessment, the Company revised the estimated cash flow inputs utilized in the quantitative impairment test which resulted in the fair value of the reporting unit exceeding its carrying value by approximately 16%, and no impairment was recognized as of December 28, 2024. The goodwill assigned to the Discovery Services reporting unit was \$325 million as of December 28, 2024. While the Discovery Services reporting unit is not currently impaired, the Company will continue to closely monitor future performance and any potential impacts on the value of the reporting unit.

In December 2024 subsequent to the annual goodwill impairment test, a triggering event was identified for the Biologics Solutions reporting unit (part of the Manufacturing reporting segment) which has goodwill assigned to it of \$606 million. This resulted from a loss of key customers, ultimately resulting in a reduction in Biologics Solutions' long range financial outlook. In response, management conducted a quantitative impairment test for goodwill to determine if the goodwill in the Biologics Solutions reporting unit was impaired. The fair value of the Biologics Solutions reporting unit was determined by using a weighted combination of a market-based approach and an income approach. Under the market-based approach, the Company utilized entity specific information about the reporting unit as well as publicly available industry information to determine key assumptions including earnings multiples and sales multiples. Under the income approach, fair value was determined based on the estimated future cash flows of the reporting unit which includes key assumptions for future revenue, long term growth rates, and operating income margins, discounted by an estimated weighted-average cost of capital. The Biologics Solutions reporting unit fair value measurement is classified as Level 3 in the fair value hierarchy because they involve significant unobservable inputs.

Upon completion of the quantitative impairment test, it was determined that the fair value of the reporting unit did not exceed its carrying value. As a result, the Company recognized a goodwill impairment charge of \$215.0 million within the accompanying consolidated statements of income. The Company will continue to closely monitor future performance and any potential impacts on the value of the reporting unit.

Intangible Assets, Net

The following table displays intangible assets, net by major class:

	December 28, 2024			December 30, 2023		
	Gross	Accumulated Amortization	Net	Gross	Accumulated Amortization	Net
	(in thousands)					
Client relationships	\$ 1,505,871	\$ (823,903)	\$ 681,968	\$ 1,528,780	\$ (721,322)	\$ 807,458
Technology	139,335	(116,536)	22,799	142,190	(111,764)	30,426
Trademarks and trade names	11,827	(5,630)	6,197	11,878	(4,568)	7,310
Backlog	—	—	—	3,100	(2,177)	923
Other	39,819	(27,383)	12,436	43,611	(25,677)	17,934
Intangible assets	\$ 1,696,852	\$ (973,452)	\$ 723,400	\$ 1,729,559	\$ (865,508)	\$ 864,051

During the fourth quarter ended December 28, 2024, a triggering event was identified for the Cell Therapy asset group within the Biologics Solutions business as there was a loss of key customers, resulting in a significant reduction in cash flows. The Company concluded that there were no impairments to the long-lived asset group, which includes client relationships. However the remaining useful life of the client relationships was reduced. As a result of the decrease in the remaining useful life, \$9.4 million of accelerated amortization was recognized within the accompanying consolidated statements of income. The remaining value of these client relationships is \$75.9 million and will be amortized over the remaining useful life of approximately 6 months in fiscal year 2025.

The decrease in intangible assets, net during fiscal year 2024 related primarily to normal amortization over the useful lives and the accelerated amortization of certain client relationships in the Biologics Solutions reporting unit. Amortization expense of definite-lived intangible assets for fiscal years 2024, 2023 and 2022 was \$138.5 million, \$137.4 million and \$146.6 million, respectively.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

As of December 28, 2024, estimated amortization expense for intangible assets for each of the next five fiscal years is expected to be as follows:

Fiscal Year	Amortization Expense	
	(in thousands)	
2025	\$	185,783
2026	\$	104,595
2027	\$	92,904
2028	\$	81,659
2029	\$	73,704

11. DEBT AND OTHER FINANCING ARRANGEMENTS

Long-term debt, net and finance leases consists of the following:

	December 28, 2024	December 30, 2023
	(in thousands)	
Revolving credit facility	\$ 714,948	\$ 1,129,243
4.25% Senior Notes due 2028	500,000	500,000
3.75% Senior Notes due 2029	500,000	500,000
4.00% Senior Notes due 2031	500,000	500,000
Other debt	15,603	9,575
Finance leases	28,444	28,550
Total debt and finance leases	2,258,995	2,667,368
Less:		
Current portion of long-term debt	155	3,172
Current portion of finance leases	2,774	2,398
Current portion of long-term debt and finance leases	2,929	5,570
Long-term debt and finance leases	2,256,066	2,661,798
Debt discount and debt issuance costs	(15,861)	(14,651)
Long-term debt, net and finance leases	\$ 2,240,205	\$ 2,647,147

As of December 28, 2024 and December 30, 2023, the weighted average interest rate on the Company's debt was 4.48% and 4.93%, respectively.

Revolving Credit Facility

On December 13, 2024, the Company modified its revolving credit facility "Credit Facility". The Credit Facility provides for up to \$2.0 billion (reduced from \$3.0 billion) and has a maturity date of December 2029 (previously April 2026), with no required scheduled payment before that date. The terms of the Credit Facility are substantially the same with the interest rates equal to (A) for revolving loans denominated in U.S. dollars, at the Company's option, either the base rate (which is the higher of (1) the prime rate, (2) the federal funds rate plus 0.50%, or (3) the one-month adjusted SOFR rate plus 1.0%) or the adjusted SOFR rate, (B) for revolving loans denominated in euros, the adjusted EURIBOR rate and (C) for revolving loans denominated in sterling, the daily simple SONIA rate, in each case, plus an interest rate margin based upon the Company's leverage ratio.

The Credit Facility includes certain customary representations and warranties, events of default, notices of material adverse changes to the Company's business and negative and affirmative covenants. These covenants include (1) maintenance of a ratio of consolidated earnings before interest, taxes, depreciation and amortization (EBITDA) less capital expenditures to consolidated cash interest expense, for any period of four consecutive fiscal quarters, of no less than 3.50 to 1.0 as well as (2) maintenance of a ratio of consolidated indebtedness plus principal outstanding in connection with any permitted receivables financing to consolidated EBITDA for any period of four consecutive fiscal quarters, of no more than 4.25 to 1.0. As of December 28, 2024, the Company was compliant with all financial covenants under the Credit Facility. The obligations of the Company under the Credit Facility are collateralized by substantially all of the assets of the Company.

The Company concluded that the transaction represented a modification of existing debt and capitalized approximately \$5.0 million of debt issuance costs incurred as a reduction to total outstanding debt.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

2028 Senior Notes

In fiscal year 2019, the Company issued \$500 million of 4.25% Senior Notes due in 2028 (2028 Senior Notes) in an unregistered offering. Interest on the 2028 Senior Notes is payable semi-annually.

2029 Senior Notes and 2031 Senior Notes

In fiscal year 2021, the Company issued \$1 billion of debt split between \$500 million of 3.75% Senior Notes due in 2029 (2029 Senior Notes), and \$500 million of 4.00% Senior Notes due in 2031 (2031 Senior Notes), in an unregistered offering. Interest on the 2029 and 2031 Senior Notes is payable semi-annually.

Foreign currency transactions

During fiscal year 2022, the Company had multiple U.S. dollar denominated loans borrowed by a non-U.S. Euro functional currency entity under the Prior Credit Facility, which were between \$250 million and \$400 million each. To limit this foreign currency exposure, the Company entered into foreign exchange forward contracts, which are not designated as hedging instruments. The gains and losses incurred on these transactions were as follows:

	December 31, 2022	Affected Line Item in the Consolidated Statements of Income
	(in thousands)	
Gain on foreign exchange forward contract	\$ 49,712	Interest expense
Loss on foreign debt remeasurement	(46,529)	Other income (expense)

The Company did not have any U.S. dollar denominated loans borrowed by a non-U.S. Euro functional currency entity under the Credit Facility during fiscal years 2024 or 2023.

Principal Maturities

Principal maturities of existing debt for the periods set forth in the table below, are as follows:

Fiscal Year	Principal
	(in thousands)
2025	\$ 800
2026	1,509
2027	2,826
2028	502,909
2029	1,217,932
Thereafter	504,575
Total	\$ 2,230,551

Letters of Credit

As of December 28, 2024 and December 30, 2023, the Company had \$22.4 million and \$21.6 million, respectively, in outstanding letters of credit.

12. EQUITY AND NONCONTROLLING INTERESTS

Earnings Per Share

The following table reconciles the numerator and denominator in the computations of basic and diluted earnings per share:

	Fiscal Year		
	2024	2023	2022
	(in thousands)		
Numerator:			
Net income	\$ 25,291	\$ 480,370	\$ 492,608
Less: Net income attributable to noncontrolling interests	3,088	5,746	6,382
Net income attributable to Charles River Laboratories International Inc.	<u>\$ 22,203</u>	<u>\$ 474,624</u>	<u>\$ 486,226</u>
Calculation of net income per share attributable to Charles River Laboratories International Inc. common shareholders			
Net income attributable to Charles River Laboratories International Inc.	\$ 22,203	\$ 474,624	\$ 486,226
Less: Incremental dividends attributed to noncontrolling interest holders ⁽¹⁾	11,906	—	—
Net income available to Charles River Laboratories International Inc. common shareholders	<u>\$ 10,297</u>	<u>\$ 474,624</u>	<u>\$ 486,226</u>
Denominator:			
Weighted-average shares outstanding - Basic	51,380	51,227	50,812
Effect of dilutive securities:			
Stock options, restricted stock units and performance share units	248	224	489
Weighted-average shares outstanding - Diluted	<u>51,628</u>	<u>51,451</u>	<u>51,301</u>
Anti-dilutive common stock equivalents ⁽²⁾	530	652	560

⁽¹⁾ Represents incremental declared and undeclared dividends attributable to Noveprim noncontrolling interest holders who are entitled to preferential dividends for fiscal year 2024.

⁽²⁾ These common stock equivalents were outstanding for the periods presented, but were not included in the computation of diluted EPS for those periods because their inclusion would have had an anti-dilutive effect.

Treasury Shares

On August 2, 2024, the Company's Board of Directors approved a stock repurchase authorization of \$1.0 billion. This authorization fully replaces a prior stock repurchase authorization of \$1.3 billion that had \$129.1 million remaining when it was terminated. In fiscal year 2024, the Company repurchased 0.5 million shares of common stock for \$100.7 million under the new stock repurchase program.

As of December 28, 2024, the Company had \$899.3 million remaining on the current authorized stock repurchase program. As of December 30, 2023, the Company had \$129.1 million remaining on the prior stock repurchase program.

The Company's stock-based compensation plans permit the netting of common stock upon vesting of RSUs and PSUs in order to satisfy individual statutory tax withholding requirements. The Company acquired shares of 0.1 million in fiscal years 2024 and 2023, for \$18.5 million and \$24.2 million, respectively, from such netting.

Prior to the end of fiscal years 2024, 2023 and 2022, the Company's Board of Directors approved the cancellation and return to the Company's authorized and unissued capital stock, reducing treasury stock on the Company's consolidated balance sheet. The Company allocated the excess of the repurchase price over the par value of shares acquired to reduce both retained earnings and additional paid-in capital.

Accumulated Other Comprehensive Income (Loss)

Changes to each component of accumulated other comprehensive income (loss), net of income taxes, are as follows:

	Foreign Currency Translation Adjustment ⁽¹⁾	Pension and Other Post- Retirement Benefit Plans	Net Unrealized Gain (Loss) on Cash Flow Hedge	Total
	(in thousands)			
December 25, 2021	\$ (98,173)	\$ (66,567)	\$ —	\$ (164,740)
Other comprehensive (loss) income before reclassifications	(125,507)	24,471	(1,523)	(102,559)
Amounts reclassified from accumulated other comprehensive income (loss)	—	3,337	—	3,337
Net current period other comprehensive (loss) income	(125,507)	27,808	(1,523)	(99,222)
Income tax (benefit) expense	(5,895)	4,355	(365)	(1,905)
December 31, 2022	(217,785)	(43,114)	(1,158)	(262,057)
Other comprehensive (loss) income before reclassifications	71,851	(5,376)	2,490	68,965
Amounts reclassified from accumulated other comprehensive income (loss)	—	736	—	736
Net current period other comprehensive (loss) income	71,851	(4,640)	2,490	69,701
Income tax (benefit) expense	4,065	(587)	593	4,071
December 30, 2023	(149,999)	(47,167)	739	(196,427)
Other comprehensive (loss) income before reclassifications	(127,261)	(12,190)	(966)	(140,417)
Amounts reclassified from accumulated other comprehensive income (loss)	—	1,596	—	1,596
Net current period other comprehensive (loss) income	(127,261)	(10,594)	(966)	(138,821)
Income tax (benefit) expense	(15,789)	(1,887)	(227)	(17,903)
December 28, 2024	\$ (261,471)	\$ (55,874)	\$ —	\$ (317,345)

⁽¹⁾ The impact of the foreign currency translation adjustment to other comprehensive income (loss) before reclassifications was primarily due to the effect of changes in foreign currency exchange rates of the Euro, British Pound, Canadian Dollar, Hungarian Forint, Swedish Krona, Mauritian Rupee, and Chinese Yuan Renminbi.

Redeemable Noncontrolling Interests

During fiscal years 2024, 2023, and 2022, the Company held several redeemable noncontrolling interests. Since the Company has the right to purchase, and the noncontrolling interest holders have the right to require the Company to purchase the remaining interest, which represents a derivative embedded within the equity instrument, the noncontrolling interest is classified in the mezzanine section of the consolidated balance sheets, which is presented above the equity section and below liabilities.

The redeemable noncontrolling interests are measured at the greater of (i) the redemption amount or (ii) the historical value resulting from the original acquisition date fair value, increased or decreased for the noncontrolling interest's share of net income (loss), equity capital contributions and distributions. The fair value of the redeemable noncontrolling interest is determined using the income approach, with key assumptions being projected cash flows and discount rates based on market participant's weighted average cost of capital. To the extent redemption value exceeds carrying value, adjustments are recorded to additional paid-in capital, with any cumulative excess of redemption value over fair value recorded in retained earnings, which impacts net income available to common shareholders used in the calculation of earnings per common share.

Noveprim

The Company holds a 90% ownership interest in Noveprim. The Company has the right to purchase, and the noncontrolling interest holders have the right to sell, the remaining 10% equity interest at a fixed redemption value that ranges from \$47.0 million to \$54.0 million depending on when exercised. The Company has the call option right to purchase the remaining 10% equity up until one month after the sixth anniversary of closing the 41% equity stake (December 2029). On the first anniversary of the expiration of the call option (December 2030), a 12-month put option will be triggered giving the seller the right to require the Company to acquire the remaining shares of the seller for \$54.0 million. The redemption value is accreted to the put purchase price of \$54.0 million using the interest method through December 2030. As of December 28, 2024, the redemption value of \$41.1 million exceeded the carrying value, resulting in an adjustment to additional paid in capital of \$7.9 million for the twelve months ended December 28, 2024. Additionally, during fiscal year 2024 the 10% noncontrolling interest holders have and may continue to receive a dividend disproportionate to their equity ownership, of which the fair value of \$8.0 million as of the acquisition date was recorded within the redeemable noncontrolling interest. Through fiscal year 2024, incremental dividends based on Noveprim statutory net income attributed to the redeemable noncontrolling interest holders of \$11.9 million reduced net income available to common shareholders used in the calculation of earnings per common share.

Other redeemable noncontrolling interest

In 2019, the Company acquired an 80% equity interest in a subsidiary, which included a 20% redeemable noncontrolling interest. In June 2022, the Company purchased an additional 10% interest in the subsidiary for \$15.0 million, resulting in a remaining noncontrolling interest of 10%. Beginning in 2024, the Company had the right to purchase, and the noncontrolling interest holders had the right to sell, the remaining 10% equity interest at its appraised value. The redemption value was measured at the greater of the appraised value or a predetermined floor. The amount that the Company could be required to pay to purchase the remaining 10% equity interest was not limited. As of March 30, 2024, the redemption value of \$12.0 million exceeded the carrying value, resulting in an adjustment to additional paid in capital of \$2.8 million. During the second quarter of fiscal 2024, the Company acquired the remaining 10% for \$12.0 million.

Vital River

The Company held a 92% ownership interest in Vital River, a commercial provider of research models and related services in China as of December 31, 2022. The Company had the right to purchase, and the noncontrolling interest holders had the right to sell, the remaining 8% equity interest at a contractually defined redemption value, subject to a redemption floor. The amount that the Company could be required to pay to purchase the remaining 8% equity interest was not limited. During 2023, the Company acquired the remaining 8% and paid \$4.8 million of the total \$24.4 million due. The remaining purchase price payable was included in Accrued liabilities within the Company's consolidated balance sheets as of December 28, 2024 and December 30, 2023 and is expected to be paid during fiscal year 2025.

Nonredeemable Noncontrolling Interest

The Company has an investment in an entity whose financial results are consolidated in the Company's financial statements, as it has the ability to exercise control over this entity. The interest of the noncontrolling party in this entity has been recorded as noncontrolling interest within Equity in the accompanying consolidated balance sheets. The activity within the nonredeemable noncontrolling interest (net income less dividends declared) during fiscal years 2024, 2023, and 2022 was not material.

13. INCOME TAXES

The components of income from operations before income taxes and the related provision for income taxes are presented below:

	Fiscal Year		
	2024	2023	2022
	(in thousands)		
Income before income taxes:			
U.S.	\$ (290,308)	\$ 185,667	\$ 280,075
Non-U.S.	383,422	395,617	342,912
Total income before income taxes	<u>\$ 93,114</u>	<u>\$ 581,284</u>	<u>\$ 622,987</u>
Income tax provision (benefit):			
Current:			
Federal	\$ 36,349	\$ 49,090	\$ 75,052
Foreign	86,493	85,356	68,644
State	12,175	17,817	19,790
Total current	<u>135,017</u>	<u>152,263</u>	<u>163,486</u>
Deferred:			
Federal	(50,555)	(42,987)	(27,230)
Foreign	(6,922)	779	(1,134)
State	(9,717)	(9,141)	(4,743)
Total deferred	<u>(67,194)</u>	<u>(51,349)</u>	<u>(33,107)</u>
Total provision for income taxes	<u>\$ 67,823</u>	<u>\$ 100,914</u>	<u>\$ 130,379</u>

Reconciliations of the statutory U.S. federal income tax rate to effective tax rates are as follows:

	Fiscal Year		
	2024	2023	2022
U.S. statutory income tax rate	21.0 %	21.0 %	21.0 %
Foreign tax rate differences	11.1	1.5	0.4
State income taxes, net of federal tax benefit	(1.2)	1.7	2.3
Non-deductible compensation	5.2	0.8	0.9
Research tax credits and enhanced deductions	(29.3)	(5.0)	(3.8)
Stock-based compensation	2.6	(0.1)	(1.4)
Enacted tax rate changes	3.0	(0.1)	0.4
Tax on unremitted earnings	10.7	1.7	1.6
Impact of tax uncertainties	0.6	(0.3)	(1.3)
Impact of acquisitions and restructuring	1.3	(4.2)	2.0
Net operating loss deferred tax asset recognition, net of valuation allowance (NOL DTA)	(0.9)	0.2	(0.8)
Global intangible low-taxed income	6.3	1.5	0.8
Foreign-derived intangible income	(7.6)	(1.4)	(1.4)
Goodwill Impairment	48.5	—	—
Foreign Local Tax	1.6	0.7	0.6
Other	(0.1)	(0.6)	(0.4)
Effective income tax rate	<u>72.8 %</u>	<u>17.4 %</u>	<u>20.9 %</u>

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The components of deferred tax assets and liabilities are as follows:

	December 28, 2024	December 30, 2023
	(in thousands)	
Deferred tax assets:		
Compensation	\$ 34,932	\$ 30,167
Accruals and reserves	17,523	19,121
Net operating loss and credit carryforwards	348,228	379,959
Operating lease liability	132,388	117,449
Capitalized R&D Expenditures	46,247	35,673
Other	25,133	12,190
Valuation allowance	(286,771)	(304,248)
Total deferred tax assets	317,680	290,311
Deferred tax liabilities:		
Goodwill and other intangibles	(198,103)	(231,020)
Depreciation related	(41,481)	(57,791)
Venture capital investments	(1,654)	(8,350)
Tax on unremitted earnings	(11,622)	(25,080)
Right-of-use assets	(113,631)	(102,620)
Other	(15,970)	(16,520)
Total deferred tax liabilities	(382,461)	(441,381)
Net deferred taxes	\$ (64,781)	\$ (151,070)

The Company has recognized its deferred tax assets on the belief that it is more likely than not that they will be realized. Exceptions primarily relate to deferred tax assets for net operating losses in Luxembourg, Sweden, state research and development tax credits, certain capital losses, and fixed assets in the U.K. and Ireland.

A reconciliation of the Company's beginning and ending valuation allowance are as follows:

	Fiscal Year		
	2024	2023	2022
Beginning balance	\$ 304,248	\$ 294,753	\$ 315,645
Additions (reductions) charged to income tax provision, net	965	963	1,929
Reductions due to divestitures, restructuring	(1,877)	—	(5,337)
Currency translation and other	(16,565)	8,532	(17,484)
Ending balance	\$ 286,771	\$ 304,248	\$ 294,753

As of December 28, 2024, the Company had tax-effected deferred tax assets for net operating loss carryforwards of \$311.7 million, as compared to \$336.0 million as of December 30, 2023. Of this amount, \$27.3 million are definite-lived and begin to expire in 2027, and the remainder of \$284.4 million can be carried forward indefinitely. The Company has deferred tax assets for tax credit carryforwards of \$36.1 million. The entire \$36.1 million are definite-lived and begin to expire after 2039. Additionally, the Company records a benefit to operating income for research and development and other credits in Quebec, France, the Netherlands, and the U.K. related to its DSA facilities.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

A reconciliation of the Company's beginning and ending unrecognized income tax benefits is as follows:

	Fiscal Year		
	2024	2023	2022
	(in thousands)		
Beginning balance	\$ 22,702	\$ 23,242	\$ 32,592
Additions to tax positions for current year	2,649	3,093	4,756
Additions to tax positions for prior years	852	721	962
Reductions to tax positions for prior years	(801)	(4,058)	(1,420)
Settlements	—	—	(10,514)
Expiration of statute of limitations	(362)	(296)	(3,134)
Ending balance	<u>\$ 25,040</u>	<u>\$ 22,702</u>	<u>\$ 23,242</u>

The \$2.3 million increase in unrecognized income tax benefits during fiscal year 2024 as compared to the corresponding period in 2023 is primarily attributable to an additional year of Canadian Scientific Research and Experimental Development (SR&ED) credit additions, offset by favorable foreign exchange movement, as well as statute of limitations lapse on R&D credits. The amount of unrecognized income tax benefits that, if recognized, would favorably impact the effective tax rate was \$22.0 million as of December 28, 2024 and \$20.3 million as of December 30, 2023. It is reasonably possible as of December 28, 2024 that the liability for unrecognized tax benefits for the uncertain tax position will decrease by approximately \$7.5 million over the next twelve-month period. The Company continues to recognize interest and penalties related to unrecognized income tax benefits in income tax expense. The total amount of cumulative accrued interest related to unrecognized income tax benefits as of December 28, 2024 and December 30, 2023 was \$2.0 million and \$1.3 million, respectively. Interest expense recorded as a component of income taxes was immaterial for all periods. There were no accrued penalties related to unrecognized income tax benefits as of December 28, 2024 or as of December 30, 2023.

The Company conducts business in a number of tax jurisdictions. As a result, it is subject to tax audits on a regular basis including, but not limited to, such major jurisdictions as the U.S., the U.K., China, France, Germany, and Canada. With few exceptions, the Company is no longer subject to U.S. and international income tax examinations for years before 2020.

The Company and certain of its subsidiaries have ongoing tax controversies in the U.S., Canada, France, China, Hungary, Israel, Ireland, Singapore, and India. The Company does not anticipate resolution of these audits will have a material impact on its consolidated financial statements.

Prepaid income tax of \$83.0 million and \$59.7 million has been presented within Other current assets in the accompanying consolidated balance sheets as of December 28, 2024 and December 30, 2023, respectively. Accrued income taxes of \$31.9 million and \$38.8 million have been presented within Other current liabilities in the accompanying consolidated balance sheets as of December 28, 2024 and December 30, 2023, respectively.

14. EMPLOYEE BENEFIT PLANS

Pension Plans

The Charles River Pension Plan (U.K. Pension Plan) is a defined contribution and defined benefit pension plan covering certain U.K. employees. Benefits are based on participants' final pensionable salary and years of service. Participants' rights vest immediately. The plan was previously amended to exclude new participants from joining the defined benefit section of the plan and a defined contribution section was established for new entrants. Contributions under the defined contribution plan are determined as a percentage of gross salary. Additionally, the U.K. Pension Plan was amended such that the members of the defined benefit section of the plan ceased to accrue additional benefits; however, their benefits continue to be adjusted for changes in their final pensionable salary or a specified inflation index, as applicable. During fiscal 2024, the Company made \$3.8 million in contributions to the U.K. Pension Plan. As of fiscal 2024 year-end, this plan was in a funded status of \$31.4 million.

During 2022, the Company terminated a non-contributory defined benefit plan that covered certain employees in Canada (Canada Pension Plan). Upon settlement of the pension liability in fiscal year 2022, the Company recognized a \$1.0 million loss related to the net periodic benefit cost recorded in Other expense in the consolidated statements of income.

In addition, the Company has several defined benefit plans in certain other countries in which it maintains an operating presence, including Canada, France, Germany, Italy, Mauritius, Netherlands, and Japan.

The net periodic benefit cost (income) associated with these plans for fiscal years 2024, 2023 and 2022 totaled \$4.8 million, \$2.8 million and \$0.1 million, respectively.

Charles River Laboratories Deferred Compensation Plan and Executive Supplemental Life Insurance Retirement Plan

The Company maintains a non-qualified deferred compensation plan, known as the Charles River Laboratories Deferred Compensation Plan (DCP), which allows a select group of eligible employees to defer a portion of their compensation. At the present time, no contributions are credited to the DCP, except as set forth below. Participants must specify the distribution date for deferred amounts at the time of deferral, in accordance with applicable IRS regulations. Generally, amounts may be paid in lump sum or installments upon retirement or termination of employment, or later if the employee terminates employment after age 55 and before age 65. Amounts may also be distributed during employment, subject to a minimum deferral requirement of three years.

The Company provides certain active employees an annual contribution into their DCP account of 10% of the employee's base salary plus the lesser of their target annual bonus or actual annual bonus. Each annual employer contribution shall become vested and non-forfeitable in four equal installments on December 31 (the "Vesting Date") of each of the four years following the year in respect of which the annual employer contribution was made, provided that the employee remains employed by the Company on the applicable Vesting Date. All of an employee's annual employer contributions will vest and become non-forfeitable upon (i) a change in control, (ii) the employee's death or disability, or (iii) the attainment by such employee of age 60 following continuous employment by the Company until such time.

In addition to the DCP, certain officers and key employees also participate, or in the past participated, in the Company's Executive Supplemental Life Insurance Retirement Plan (ESLIRP), which is a non-funded, non-qualified arrangement. Annual benefits under this plan will equal a percentage of the highest five consecutive years of compensation, offset by amounts payable under the U.S. Pension Plan and Social Security. In connection with the establishment of the DCP, certain active ESLIRP participants, who agreed to convert their accrued ESLIRP benefit to a comparable deferred compensation benefit, discontinued their direct participation in the ESLIRP. Instead, the present values of the accrued benefits of ESLIRP participants were credited to their DCP accounts, and future accruals are converted to present values and credited to their DCP accounts annually.

The net periodic benefit cost associated with these plans for fiscal years 2024, 2023 and 2022 totaled \$3.0 million, \$2.8 million and \$4.3 million, respectively.

The Company has invested in several corporate-owned key-person life insurance policies with the intention of using these investments to fund the ESLIRP and the DCP. Participants have no interest in any such investments. As of December 28, 2024 and December 30, 2023, the cash surrender value of these life insurance policies were \$55.8 million and \$48.4 million, respectively.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The following table provides a reconciliation of benefit obligations and plan assets of the Company's pension, DCP, and ESLIRP plans:

	December 28, 2024	December 30, 2023
	(in thousands)	
Change in projected benefit obligations:		
Benefit obligation at beginning of year	\$ 224,875	\$ 205,551
Service cost	2,807	2,474
Interest cost	10,417	9,941
Benefit payments	(8,034)	(6,239)
Curtailment	(7)	—
Settlements	(74)	—
Transfer in due to acquisition	—	1,106
Actuarial (gain) loss	(10,667)	3,600
Effect of foreign exchange	(3,358)	8,442
Benefit obligation at end of year	<u>\$ 215,959</u>	<u>\$ 224,875</u>
Change in fair value of plan assets:		
Fair value of plan assets at beginning of year	\$ 203,657	\$ 192,540
Actual return on plan assets	(15,713)	5,578
Employer contributions	5,496	1,744
Settlements	(74)	—
Transfer in due to acquisition	—	181
Benefit payments	(8,034)	(6,239)
Effect of foreign exchange	(2,685)	9,853
Fair value of plan assets at end of year	<u>\$ 182,647</u>	<u>\$ 203,657</u>
Net balance sheet liability	\$ 33,312	\$ 21,218
Amounts recognized in balance sheet:		
Noncurrent assets	\$ 31,628	\$ 36,957
Current liabilities	873	1,164
Noncurrent liabilities	64,067	57,011

Actuarial gains and losses are driven by changes in economic assumptions, principally discount rates. Amounts recognized in accumulated other comprehensive loss related to the Company's pension, DCP, and ESLIRP plans are as follows:

	Fiscal Year		
	2024	2023	2022
	(in thousands)		
Net actuarial loss	\$ 69,340	\$ 58,855	\$ 54,509
Net prior service cost (credit)	(125)	(121)	(585)
Net amount recognized	<u>\$ 69,215</u>	<u>\$ 58,734</u>	<u>\$ 53,924</u>

The accumulated benefit obligation and fair value of plan assets for the Company's pension, DCP, and ESLIRP plans with accumulated benefit obligations in excess of plan assets are as follows:

	December 28, 2024	December 30, 2023
	(in thousands)	
Accumulated benefit obligation	\$ 59,920	\$ 54,310
Fair value of plan assets	2,901	2,824

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The projected benefit obligation and fair value of plan assets for the Company's pension, DCP, and ESLIRP plans with projected benefit obligations in excess of plan assets are as follows:

	December 28, 2024	December 30, 2023
	(in thousands)	
Projected benefit obligation	\$ 68,487	\$ 61,671
Fair value of plan assets	3,548	3,496

Components of total benefit cost for the Company's pension, DCP, and ESLIRP plans are as follows:

	Fiscal Year		
	2024	2023	2022
	(in thousands)		
Service cost	\$ 2,807	\$ 2,474	\$ 3,213
Interest cost	10,417	9,941	6,140
Expected return on plan assets	(7,077)	(7,556)	(7,322)
Amortization of prior service credit	4	(464)	(506)
Amortization of net loss	1,632	1,231	2,869
Net periodic benefit cost	7,783	5,626	4,394
Settlement	—	—	981
Total benefit cost	\$ 7,783	\$ 5,626	\$ 5,375

Assumptions

Weighted-average assumptions used to determine projected benefit obligations are as follows:

	December 28, 2024	December 30, 2023
Discount rate	5.2 %	4.7 %
Rate of compensation increase	3.2 %	3.2 %

The discount rate reflects the rate the Company would have to pay to purchase high-quality investments that would provide cash sufficient to settle its current pension obligations.

Weighted-average assumptions used to determine net periodic benefit cost are as follows:

	December 28, 2024	December 30, 2023	December 31, 2022
Discount rate	4.7 %	4.8 %	1.8 %
Expected long-term return on plan assets	3.5 %	3.9 %	2.4 %
Rate of compensation increase	3.1 %	3.2 %	3.7 %

In fiscal year 2023, new mortality improvement scales were issued in the U.S. and the United Kingdom (U.K.) reflecting a decline in longevity projection from previous releases the Company adopted, which decreased the Company's benefit obligations by \$3.5 million as of December 30, 2023. There were no new mortality improvement scales issued in fiscal 2024.

Plan Assets

The Company invests its pension assets with the objective of achieving a total long-term rate of return sufficient to fund future pension obligations and to minimize future pension contributions. The Company is willing to tolerate a commensurate level of risk to achieve this objective. The Company controls its risk by maintaining a diversified portfolio of asset classes. Plan assets did not include any of the Company's common stock as of December 28, 2024 or December 30, 2023. The weighted-average target asset allocations are 6.0% to equity securities, 85.3% to fixed income securities, and 8.7% to other securities.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The fair value of the Company's pension plan assets by asset category are as follows:

	December 28, 2024				December 30, 2023			
	Level 1	Level 2	Level 3	Total	Level 1	Level 2	Level 3	Total
	(in thousands)							
Cash and cash equivalents	\$ 2,406	\$ 25	\$ —	\$ 2,431	\$ 446	\$ 798	\$ —	\$ 1,244
Equity securities ⁽¹⁾	—	11,962	—	11,962	—	10,701	—	10,701
Debt securities ⁽²⁾	—	126,965	—	126,965	—	144,822	—	144,822
Mutual funds ⁽³⁾	8,507	11,080	—	19,587	9,207	10,368	—	19,575
Other ⁽⁴⁾	—	21,645	57	21,702	—	27,254	61	27,315
Total	\$ 10,913	\$ 171,677	\$ 57	\$ 182,647	\$ 9,653	\$ 193,943	\$ 61	\$ 203,657

⁽¹⁾ This category comprises equity investments and securities held by non-U.S. pension plans valued at the quoted closing price and translated into U.S. dollars using a foreign currency exchange rate at year end.

⁽²⁾ This category comprises debt investments and securities held by non-U.S. pension plans valued at the quoted closing price and translated into U.S. dollars using a foreign currency exchange rate at year end. Holdings primarily include treasury securities and investment-grade corporate bonds at various durations.

⁽³⁾ This category comprises mutual funds valued at the net asset value of shares held by non-U.S. pension plans at year end and translated into U.S. dollars using a foreign currency exchange rate at year end.

⁽⁴⁾ This category mainly comprises fixed income securities tied to various U.K. government bond yields held by non-US pension plans valued at the net asset value of shares held at year-end and translated into U.S. dollars using a foreign currency exchange rate at year end.

The activity within the Level 3 pension plan assets was not material during the periods presented.

During fiscal year 2024, the Company contributed \$3.5 million to the pension plans and expects to make no contributions in fiscal year 2025. During fiscal year 2024, the Company paid \$2.0 million directly to certain participants outside of plan assets.

Expected benefit payments are estimated using the same assumptions used in determining the Company's benefit obligation as of 2024. Benefit payments will depend on future employment and compensation levels, among other factors, and changes in any of these factors could significantly affect these estimated future benefit payments. Estimated future benefit payments during the next five years and in the aggregate for fiscal years 2030 through 2034, are as follows.

Fiscal Year	Pension Plans	
	(in thousands)	
2025	\$	6,706
2026		49,809
2027		7,503
2028		8,251
2029		9,371
2030-2034		57,076

Charles River Laboratories Employee Savings Plan

The Charles River Laboratories Employee Savings Plan is a defined contribution plan in the form of a qualified 401(k) plan in which substantially all U.S. employees are eligible to participate upon employment. The plan contains a provision whereby the Company matches a percentage of employee contributions. During fiscal years 2024, 2023, and 2022, the costs associated with this defined contribution plan totaled \$30.9 million, \$31.6 million, and \$28.8 million, respectively.

15. STOCK-BASED COMPENSATION

The Company has stock-based compensation plans under which employees and non-employee directors are granted stock-based awards such as stock options, RSUs, and PSUs.

During fiscal years 2024, 2023, and 2022, the primary share-based awards and their general terms and conditions are as follows:

- Stock options, which entitle the holder to purchase a specified number of shares of common stock at an exercise price equal to the closing market price of common stock on the date of grant; typically vest over 4 years; and typically expire 5 or 10 years from date of grant.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

- RSUs, which represent an unsecured promise to grant at no cost a set number of shares of common stock upon the completion of the vesting schedule, and principally vest over 4 years. With respect to RSUs, recipients are not entitled to cash dividends and have no voting rights on the stock during the vesting period.
- PSUs, which entitle the holder to receive at no cost, a specified number of shares of common stock within a range of shares from zero to a specified maximum and typically vest over 3 years. Payout of this award is contingent upon achievement of certain performance and market conditions.

As of December 28, 2024, approximately 3.3 million shares were authorized for future grants under the Company's share-based compensation plans. The Company settles employee share-based compensation awards with newly issued shares. The following table provides stock-based compensation by the financial statement line item in which it is reflected:

	Fiscal Year		
	2024	2023	2022
	(in thousands)		
Cost of revenue	\$ 15,658	\$ 15,052	\$ 14,853
Selling, general and administrative	54,233	56,996	58,764
Stock-based compensation, before income taxes	69,891	72,048	73,617
Provision for income taxes	(10,487)	(10,907)	(10,969)
Stock-based compensation, net of income taxes	\$ 59,404	\$ 61,141	\$ 62,648

No stock-based compensation related costs were capitalized in fiscal years 2024, 2023, and 2022.

Stock Options

The following table summarizes stock option activity under the Company's stock-based compensation plans:

	Number of shares (in thousands)	Weighted Average Exercise Price	Weighted Average Remaining Contractual Life (in years)	Aggregate Intrinsic Value (in thousands)
Options outstanding as of December 30, 2023	789	\$ 218.97		
Options granted	113	\$ 210.81		
Options exercised	(158)	\$ 151.09		
Options canceled	(34)	\$ 252.32		
Options outstanding as of December 28, 2024	710	\$ 231.19	7.2	\$ 1,337
Options exercisable as of December 28, 2024	407	\$ 234.09	6.4	\$ 1,337
Options expected to vest as of December 28, 2024	303	\$ 227.29	8.3	\$ —

The fair value of stock options granted was estimated using the Black-Scholes option-pricing model with the following weighted-average assumptions:

	Fiscal Year		
	2024	2023	2022
Expected life (in years)	6.0	6.0	6.0
Expected volatility	37 %	36 %	33 %
Risk-free interest rate	4.4 %	3.8 %	2.7 %
Expected dividend yield	0 %	0 %	0 %

The weighted-average grant date fair value of stock options granted was \$92.21, \$80.98, and \$90.05 for fiscal years 2024, 2023, and 2022, respectively.

As of December 28, 2024, the unrecognized compensation cost related to unvested stock options expected to vest was \$14.4 million. This unrecognized compensation will be recognized over an estimated weighted-average amortization period of 1.9 years.

The total intrinsic value of options exercised during fiscal years 2024, 2023, and 2022 was \$12.8 million, \$18.2 million, and \$33.2 million, respectively, with intrinsic value defined as the difference between the market price on the date of exercise and the exercise price.

Restricted Stock Units

The following table summarizes the restricted stock units activity for fiscal year 2024:

	Restricted Stock Units (in thousands)	Weighted Average Grant Date Fair Value
December 30, 2023	469	\$ 212.30
Granted	241	\$ 209.49
Vested	(161)	\$ 209.62
Canceled	(55)	\$ 214.16
December 28, 2024	494	\$ 211.59

As of December 28, 2024, the unrecognized compensation cost related to shares of unvested RSUs expected to vest was \$69.6 million, which is expected to be recognized over an estimated weighted-average amortization period of 2.6 years. The total fair value of RSU grants that vested during fiscal years 2024, 2023, and 2022 was \$33.7 million, \$28.4 million, and \$24.8 million, respectively.

Performance Based Stock Award Program

The Company issues PSUs to certain corporate officers. The number of shares of common stock issued for each PSU is adjusted based on a performance condition linked to the Company's financial performance. The awards are further adjusted based on a market condition, which is calculated based on the Company's stock performance relative to a peer group over the three-year vesting period. The fair value of the market condition is reflected in the fair value of the award at grant date.

The Company utilizes a Monte Carlo simulation valuation model to value these awards. Information pertaining to the Company's PSUs and the related estimated weighted-average assumptions used to calculate their fair value were as follows:

	Fiscal Year		
	2024	2023	2022
	(shares in thousands)		
PSUs granted	136	146	134
Weighted average grant date fair value	\$ 213.99	\$ 204.40	\$ 210.42
Key assumptions:			
Expected volatility	37 %	37 %	39 %
Risk-free interest rate	4.7 %	4.2 %	2.6 %
Expected dividend yield	0 %	0 %	0 %
Total shareholder return of 20-trading day average stock price on grant date	(5.8)%	(9.8)%	(32.7)%

The maximum number of common shares to be issued upon vesting of PSUs is 0.3 million. For fiscal years 2024, 2023, and 2022, the Company recognized stock-based compensation related to PSUs of \$22.4 million, \$28.1 million, and \$31.2 million, respectively. The total fair value of PSUs that vested during fiscal years 2024, 2023, and 2022 was \$19.4 million, \$34.4 million, and \$31.0 million, respectively.

16. RESTRUCTURING AND ASSET IMPAIRMENTS

The Company has undertaken restructuring actions impacting the reportable segments at various locations across North America, Europe and Asia to manage the Company through the current demand environment, including appropriately right-sizing the Company's infrastructure, optimizing operations, and driving efficiency. This includes workforce right-sizing actions resulting in severance and transition costs; and costs related to the consolidation of facilities resulting in long-lived asset impairments (principally property, plant, and equipment and right-of-use assets), accelerated depreciation charges, and certain other costs. Generally, these actions are in response to recent macroeconomic impacts on the Company.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The following table presents restructuring costs by reportable segment:

	Fiscal Year		
	2024	2023	2022
	(in thousands)		
RMS	\$ 43,912	\$ 3,479	\$ 1,007
DSA	39,344	16,176	851
Manufacturing	12,874	9,138	5,126
Unallocated corporate	10,855	889	1,229
Total	\$ 106,985	\$ 29,682	\$ 8,213

The following table presents restructuring costs as included within the Company's consolidated statements of income for fiscal years 2024, 2023 and 2022:

	Fiscal Year		
	2024		
	Severance and Transition Costs	Asset Impairments and Other Costs	Total
	(in thousands)		
Twelve Months Ended			
Cost of services provided (excluding amortization of intangible assets)	\$ 28,348	\$ 26,643	\$ 54,991
Cost of products sold (excluding amortization of intangible assets)	2,786	18,348	21,134
Selling, general and administrative	23,051	7,809	30,860
Total restructuring costs	\$ 54,185	\$ 52,800	\$ 106,985
	Fiscal Year		
	2023		
	Severance and Transition Costs	Asset Impairments and Other Costs	Total
	(in thousands)		
Twelve Months Ended			
Cost of services provided (excluding amortization of intangible assets)	\$ 7,408	\$ 14,812	\$ 22,220
Cost of products sold (excluding amortization of intangible assets)	1,146	3,262	4,408
Selling, general and administrative	3,054	—	3,054
Total restructuring costs	\$ 11,608	\$ 18,074	\$ 29,682
	Fiscal Year		
	2022		
	Severance and Transition Costs	Asset Impairments and Other Costs	Total
	(in thousands)		
Twelve Months Ended			
Cost of services provided (excluding amortization of intangible assets)	\$ 928	\$ 1,784	\$ 2,712
Cost of products sold (excluding amortization of intangible assets)	532	1,765	2,297
Selling, general and administrative	2,441	763	3,204
Total restructuring costs	\$ 3,901	\$ 4,312	\$ 8,213

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Rollforward of Restructuring Activities

The following table provides a rollforward for all of the Company's severance and transition costs related to all restructuring activities:

	Severance and Transition Costs	Asset Impairments	Other Costs	Total
	(in thousands)			
Twelve Months Ended December 31, 2022				
Beginning balance	\$ 2,670	\$ —	\$ 1,341	\$ 4,011
Expense	3,901	2,654	1,658	8,213
Payments / utilization	(6,095)	—	(1,162)	(7,257)
Other non-cash adjustments	—	(2,654)	(893)	(3,547)
Foreign currency adjustments	(120)	—	—	(120)
Ending Balance	<u>\$ 356</u>	<u>\$ —</u>	<u>\$ 944</u>	<u>\$ 1,300</u>
Twelve Months Ended December 30, 2023				
Beginning balance	\$ 356	\$ —	\$ 944	\$ 1,300
Expense	11,608	15,543	2,531	29,682
Payments / utilization	(7,800)	—	(1,843)	(9,643)
Other non-cash adjustments	—	(15,543)	(757)	(16,300)
Foreign currency adjustments	11	—	—	11
Ending Balance	<u>\$ 4,175</u>	<u>\$ —</u>	<u>\$ 875</u>	<u>\$ 5,050</u>
Twelve Months Ended December 28, 2024				
Beginning balance	\$ 4,175	\$ —	\$ 875	\$ 5,050
Expense	54,185	40,914	11,886	106,985
Payments / utilization	(33,618)	—	(9,721)	(43,339)
Other non-cash adjustments	—	(40,914)	(2,165)	(43,079)
Foreign currency adjustments	(273)	—	—	(273)
Ending Balance	<u>\$ 24,469</u>	<u>\$ —</u>	<u>\$ 875</u>	<u>\$ 25,344</u>

As of December 28, 2024 and December 30, 2023, \$25.3 million and \$5.1 million, respectively, of severance and other personnel related costs liabilities were included in accrued compensation and accrued liabilities within the Company's consolidated balance sheets.

17. LEASES

Operating and Finance Leases

Right-of-use lease assets and lease liabilities are reported in the Company's consolidated balance sheets as follows:

	December 28, 2024	December 30, 2023
	(in thousands)	
Operating leases		
Operating lease right-of-use assets, net	\$ 412,490	\$ 394,029
Other current liabilities	\$ 54,159	\$ 54,908
Operating lease right-of-use liabilities	483,789	419,234
Total operating lease liabilities	\$ 537,948	\$ 474,142
Finance leases		
Property, plant and equipment, net	\$ 28,900	\$ 29,422
Current portion of long-term debt and finance leases	\$ 2,774	\$ 2,398
Long-term debt, net and finance leases	25,670	26,152
Total finance lease liabilities	\$ 28,444	\$ 28,550

The following table presents the components of operating and finance lease costs within the Company's consolidated statements of income:

	Fiscal Year		
	2024	2023	2022
	(in thousands)		
Operating lease costs	\$ 71,058	\$ 65,380	\$ 59,671
Finance lease costs:			
Amortization of right-of-use assets	3,111	2,745	3,035
Interest on lease liabilities	1,548	1,477	1,441
Short-term lease costs	3,904	3,581	2,954
Variable lease costs	29,192	22,159	13,965
Sublease income	(2,156)	(2,067)	(1,912)
Total lease costs	\$ 106,657	\$ 93,275	\$ 79,154

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Other information related to leases was as follows:

Supplemental cash flow information

	Fiscal Year		
	2024	2023	2022
(in thousands)			
Cash flows included in the measurement of lease liabilities:			
Operating cash flows from operating leases	\$ 74,732	\$ 60,239	\$ 48,360
Operating cash flows from finance leases	1,529	1,476	1,442
Finance cash flows from finance leases	2,917	2,297	2,257
Non-cash leases activity:			
Right-of-use lease assets obtained in exchange for new operating lease liabilities	\$ 114,740	\$ 75,987	\$ 189,134
Right-of-use lease assets obtained in exchange for new finance lease liabilities	3,214	—	8,179

Lease term and discount rate

	December 28, 2024	December 30, 2023	December 31, 2022
Weighted-average remaining lease term (in years)			
Operating lease	9.5	9.6	9.8
Finance lease	11.4	12.7	13.6
Weighted-average discount rate			
Operating lease	5.1 %	4.7 %	4.3 %
Finance lease	5.3 %	5.3 %	5.3 %

At the lease commencement date, the discount rate implicit in the lease is used to discount the lease liability if readily determinable. If not readily determinable or leases do not contain an implicit rate, the Company's incremental borrowing rate is used as the discount rate, which is based on the information available at the lease commencement date and represents a rate that would be incurred to borrow, on a collateralized basis, over a similar term, an amount equal to the lease payments in a similar economic environment.

As of December 28, 2024, maturities of operating and finance lease liabilities for each of the following five years and a total thereafter were as follows:

	Operating Leases	Finance Leases
	(in thousands)	
2025	\$ 77,877	\$ 4,207
2026	74,076	3,715
2027	75,091	3,692
2028	72,349	3,691
2029	67,662	3,027
Thereafter	324,352	20,156
Total minimum future lease payments	691,407	38,488
Less: Imputed interest	153,459	10,044
Total lease liabilities	<u>\$ 537,948</u>	<u>\$ 28,444</u>

Total minimum future lease payments (relating to an operating lease) of approximately \$10 million for a lease that has not commenced as of December 28, 2024, as the Company does not yet control the underlying asset, are not included in the consolidated financial statements. This lease is expected to commence in fiscal year 2025 with a lease term of approximately 13 years.

18. COMMITMENTS AND CONTINGENCIES

Insurance

The Company maintains certain insurance policies that maintain large deductibles up to approximately \$2 million, some with or without stop-loss limits, depending on market availability. Insurance policies at certain locations are based on a percentage of the insured assets, for which deductibles for certain property may exceed \$25.0 million in the event of a catastrophic event. In addition, the Company purchased representation and warranty insurance in support of some acquisitions, in which deductibles could reach \$4.0 million.

Litigation

On February 17, 2023, the Company received a grand jury subpoena requesting certain documents related to an investigation by the U.S. Department of Justice (DOJ) and the U.S. Fish and Wildlife Service (USFWS) into the Company's conduct regarding several shipments of non-human primates from Cambodia. That investigation remains ongoing and the Company continues to cooperate with the investigation. As also previously disclosed, a parallel civil investigation is being undertaken by the DOJ and USFWS. The Company is also cooperating with that investigation, and although the Company continues to dispute the merits of certain positions taken by the DOJ and USFWS in the civil investigation, the Company has discussed a potential resolution of that matter with the DOJ and USFWS. Those discussions are ongoing. Although the Company maintains a global supplier onboarding and oversight program incorporating risk-based due diligence, auditing, and monitoring practices to help ensure the quality of our supplier relationships and compliance with applicable U.S. and international laws and regulations, including the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), in connection with the civil investigation, the Company has voluntarily suspended future shipments of non-human primates from Cambodia to the United States until such time that the Company and USFWS can agree upon and implement additional procedures to reasonably ensure that non-human primates imported from Cambodia are purpose-bred. The Company continues to care for the Cambodia-sourced non-human primates from certain shipments in the United States. Due to a number of factors, including the age of these NHP's, during the fourth quarter of fiscal year 2024, the Company recorded a charge of \$27 million to costs of products sold within the accompanying consolidated statements of income to reflect the reduction in carrying value of this inventory to zero. On May 16, 2023, the Company received an inquiry from the Enforcement Division of the U.S. Securities and Exchange Commission (SEC) requesting it to voluntarily provide information, subsequently augmented with a document subpoena and additional inquiries, primarily related to the sourcing of non-human primates and related disclosures, and the Company is cooperating with the requests. The Company's Audit Committee has retained counsel to conduct an independent investigation into certain issues raised in the investigations, and that work is ongoing. The Company cannot predict what action, if any, might be taken in the future by the DOJ, USFWS, SEC or other governmental authorities. None of the DOJ, USFWS or SEC has provided the Company with any specific timeline or indication as to when these investigations or, specific to the DOJ and USFWS, discussions regarding resolution and future processes and procedures, will be concluded or resolved. The Company cannot predict the timing, outcome or possible impact of the investigations, including without limitation any potential fines, penalties or liabilities.

A putative securities class action (Securities Class Action) was filed on May 19, 2023 against the Company and a number of its current/former officers in the United States District Court for the District of Massachusetts. On August 31, 2023, the court appointed the State Teachers Retirement System of Ohio as lead plaintiff. An amended complaint was filed on November 14, 2023 that, among other things, included only James Foster, the Chief Executive Officer and David R. Smith, the former Chief Financial Officer as defendants along with the Company. The amended complaint asserts claims under §§ 10(b) and 20(a) of the Securities Exchange Act of 1934 (the "Exchange Act") on behalf of a putative class of purchasers of Company securities from May 5, 2020 through February 21, 2023, alleging that certain of the Company's disclosures about its practices with respect to the importation of non-human primates made during the putative class period were materially false or misleading. On July 1, 2024, the court dismissed the complaint, denied the plaintiff's informal request for leave to amend, and entered judgment for defendants. On July 30, 2024, the plaintiff filed a notice of appeal in the United States Court of Appeals for the First Circuit. While the Company cannot predict the final outcome of this matter, it believes the class action to be without merit and plans to vigorously defend against it. The Company cannot reasonably estimate the maximum potential exposure or the range of possible loss in association with this matter.

On November 8, 2023, a stockholder filed a derivative lawsuit in the U.S. District Court of the District of Delaware asserting claims on the Company's behalf against the members of the Company's Board of Directors and certain of the Company's current/former officers (James Foster, the Chief Executive Officer; David R. Smith, the former Chief Financial Officer; and Flavia Pease, the current Chief Financial Officer). The complaint alleges that the defendants breached their fiduciary duties to the Company and its stockholders because certain of the Company's disclosures about its practices with respect to the importation of non-human primates were materially false or misleading. The complaint also alleges that the defendants breached their fiduciary duties by causing the Company to fail to maintain adequate internal controls over securities disclosure and compliance with applicable law and by failing to comply with the company's Code of Business Conduct and Ethics. The

lawsuit is currently stayed by agreement of the parties pending further developments in the Securities Class Action pending in the United States Court of Appeals for the First Circuit. On August 2, 2024, a different stockholder filed a lawsuit in the U.S. District Court of Delaware asserting similar derivative claims on the Company's behalf against members of the Company's current and former Board of Directors and the same current/former officers based on similar allegations of purportedly misleading disclosures and non-compliance with legal rules and ethics standards in respect of the importation of non-human primates, as well as insider-trading claims against certain of the defendants. Both of these lawsuits are currently stayed by agreement of the parties pending further developments in the Securities Class Action pending in the United States Court of Appeals for the First Circuit. While the Company cannot predict the outcome of these matters, it believes the derivative lawsuits to be without merit and plans to vigorously defend against them. The Company cannot reasonably estimate the maximum potential exposure or the range of possible loss in association with these matters.

Aside from the matters above, the Company believes there are no other matters pending against the Company that could have a material impact on the Company's business, financial condition, or results of operations.

Guarantees

The Company enters into certain agreements with other parties in the ordinary course of business that contain indemnification provisions. These typically include agreements with directors and officers, business partners, contractors, landlords, and customers. Under these provisions, the Company generally indemnifies and holds harmless the indemnified party for losses suffered or incurred by the indemnified party as a result of the Company's activities. These indemnification provisions generally survive termination of the underlying agreement. The maximum potential amount of future payments the Company could be required to make under these indemnification provisions is unlimited. However, to date the Company has not incurred material costs to defend lawsuits or settle claims related to these indemnification provisions. As a result, the estimated fair value of these obligations is minimal.

Purchase Obligations

The Company enters into unconditional purchase obligations, in the ordinary course of business, that include agreements to purchase goods or services that are enforceable and legally binding and that specify all significant terms including: fixed or minimum quantities to be purchased; fixed, minimum or variable price provisions; and the approximate timing of the transaction. These unconditional purchase obligations exclude agreements that are cancellable at any time without penalty. The aggregate amount of the Company's unconditional purchase obligations totaled approximately \$379 million as of December 28, 2024 and the majority of these obligations are expected to be settled during 2025.

Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

None.

Item 9A. Controls and Procedures

(a) Evaluation of Disclosure Controls and Procedures

Based on their evaluation, required by paragraph (b) of Rules 13a-15 or 15d-15, promulgated by the Securities Exchange Act of 1934, as amended (Exchange Act), the Company's principal executive officer and principal financial officer have concluded that the Company's disclosure controls and procedures, as defined in Rules 13a-15(e) and 15d-15(e) of the Exchange Act, are effective, at a reasonable assurance level, as of December 28, 2024, to ensure that information required to be disclosed by the Company in reports that it files or submits under the Exchange Act is recorded, processed, summarized, and reported within the time periods specified in Securities and Exchange Commission rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is accumulated and communicated to the Company's management, including its principal executive and principal financial officers, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure. In designing and evaluating the disclosure controls and procedures, our management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurances of achieving the desired control objectives, and management necessarily was required to apply its judgment in designing and evaluating the controls and procedures.

(b) Management's Report on Internal Control Over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Securities Exchange Act of 1934, as amended). Our 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.

Under the supervision and with the participation of our management, including our CEO and CFO, 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. Based on our assessment and those criteria, management concluded that the Company maintained effective internal control over financial reporting as of December 28, 2024.

The effectiveness of our internal control over financial reporting as of December 28, 2024, has been audited by PricewaterhouseCoopers LLP, an Independent Registered Public Accounting Firm, as stated in their report which appears in Item 8, "Financial Statements and Supplementary Data" in this Annual Report on Form 10-K.

(c) Changes in Internal Controls Over Financial Reporting

There were no material changes in the Company's internal control over financial reporting identified in connection with the evaluation required by paragraph (d) of the Exchange Act Rules 13a-15 or 15d-15 that occurred during the fourth quarter of 2024 that materially affected, or were reasonably likely to materially affect, the Company's internal control over financial reporting.

Item 9B. Other Information

During the quarter ended December 28, 2024, none of our officers or directors adopted or terminated any contract, instruction, or written plan for the purchase or sale of our securities that was intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) under the Exchange Act or any "non-Rule 10b5-1 trading arrangement" as defined in Item 408(c) of Regulation S-K.

Item 9C. Disclosure Regarding Foreign Jurisdictions that Prevent Inspections

Not applicable.

PART III

Item 10. Directors, Executive Officers and Corporate Governance

A. Directors and Compliance with Section 16(a) of the Exchange Act

Any information required by this Item regarding our directors and compliance with Section 16(a) of the Exchange Act by our officers and directors will be included in the 2025 Proxy Statement under the sections captioned “Nominees for Directors” and “Delinquent Section 16(a) Reports” and is incorporated herein by reference thereto. The information required by this Item regarding our corporate governance will be included in the 2025 Proxy Statement under the section captioned “Corporate Governance” and is incorporated herein by reference thereto.

B. Our Executive Officers

The information required by this Item regarding our executive officers is reported in Part I of this Form 10-K under the heading “Item 1. Business”

C. Audit Committee Financial Expert

The information required by this Item regarding the audit committee of the Board of Directors and financial experts will be included in the 2025 Proxy Statement under the section captioned “The Board of Directors and its Committees-Audit Committee and Financial Experts” and is incorporated herein by reference thereto.

D. Insider Trading Policy

We have adopted an Insider Trading Policy governing the purchase, sale, and/or other dispositions of our securities by directors, officers, and employees of the Company. The Insider Trading Policy is designed to promote compliance with insider trading laws, rules, and regulations and any applicable listing standards. Our Insider Trading Policy is posted on our website and can be accessed by selecting the “Corporate Governance” link at <http://ir.criver.com>.

E. Code of Ethics

We have adopted a Code of Business Conduct and Ethics that applies to all of our employees and directors, including our principal executive officer, principal financial officer, principal accounting officer, controller, or persons performing similar functions. Our Code of Business Conduct and Ethics is posted on our website and can be accessed by selecting the “Corporate Governance” link at <http://ir.criver.com>. We will provide to any person, without charge, a copy of our Code of Business Conduct and Ethics. To obtain a copy, please mail a request to the Corporate Secretary, Charles River Laboratories International, Inc., 251 Ballardvale Street, Wilmington, MA 01887. Information on our website is not incorporated by reference in this annual report.

F. Changes to Board Nomination Procedures

Since December 2021, there have been no material changes to the procedures by which security holders may recommend nominees to our Board of Directors.

Item 11. Executive Compensation

A. Policies and Practices for Granting Certain Equity Awards.

The Compensation Committee of the Board of Directors is responsible for the review and approval of our policies and practices with respect to granting equity awards. The Compensation Committee typically targets the second quarter of our fiscal year, shortly after our annual meeting of shareholders and the release of our first quarter financial results, for granting annual stock awards to eligible recipients, absent an extraordinary event. The Compensation Committee believes this aligns timing of equity grants with the planning of annual salary increases (also in the second quarter of our fiscal year), allowing our managers to take a holistic view of total compensation.

The Compensation Committee seeks to structure equity grants so that they are awarded during an open window period as designated by our Insider Trading Policy, or, if Compensation Committee approval is provided during a non-window period, are typically made effective on the first business day following our press release with respect to financial results for the prior quarter. This policy is intended to ensure that options are awarded at a time when the exercise price fully reflects all recently disclosed information. In the case of new hires eligible to receive equity grants, grants are generally made on the first business day of the month following the date the individual commences employment.

All grants to executive officers are approved by the Compensation Committee itself and not pursuant to any delegated authority.

We have never had any programs, policies, or practices which are intended to time stock option grants with the release of material, non-public information in a manner that would provide advantageous option exercise prices to grant recipients. Option exercise prices are, in all cases, equal to the closing price of our common stock on the date of grant.

During fiscal 2024, we did not award options to any named executive officer in the period beginning four business days before and ending one business day after the filing of a Form 10-Q or Form 10-K, or the filing or furnishing of a Form 8-k that discloses material nonpublic information.

B. Actions to Recover Erroneously Awarded Compensation

At no point during or after the last completed fiscal year did we prepare an accounting statement that required the recovery of erroneously awarded compensation pursuant to the company's clawback policy, nor was there an outstanding balance as of the end of the last completed fiscal year of erroneously awarded compensation to be recovered from the application of the policy to a prior restatement.

The remainder of the information required by this Item will be included in the 2025 Proxy Statement under the sections captioned "2024 Director Compensation," "Compensation Discussion and Analysis," "Executive Compensation and Related Information," "Compensation Committee Interlocks and Insider Participation" and "Report of Compensation Committee," and is incorporated herein by reference thereto.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

The information required by this Item will be included in the 2025 Proxy Statement under the sections captioned "Beneficial Ownership of Securities" and "Equity Compensation Plan Information" and is incorporated herein by reference thereto.

Item 13. Certain Relationships and Related Transactions, and Director Independence

The information required by this Item will be included in the 2025 Proxy Statement under the sections captioned "Related Person Transaction Policy" and "Corporate Governance-Director Qualification Standards; Director Independence" and is incorporated herein by reference thereto.

Item 14. Principal Accountant Fees and Services

The information required by this Item will be included in the 2025 Proxy Statement under the section captioned "Statement of Fees Paid to Independent Registered Public Accounting Firm" and is incorporated herein by reference thereto.

PART IV

Item 15. Exhibits and Financial Statement Schedules

Item 15(a)(1) and (2) Financial Statements and Schedules

See "Index to Consolidated Financial Statements and Financial Statements Schedules" at Item 8 to this Annual Report on Form 10-K. Other financial statement schedules have not been included because they are not applicable or the information is included in the financial statements or notes thereto.

Item 15(a)(3) and Item 15(b) Exhibits

We have identified below each management contract and compensation plan filed as an exhibit to this Annual Report on Form 10-K.

Exhibit No.	Description	Filed with this Form 10-K	Incorporation by Reference		Exhibit No.
			Form	Filing Date	
3.1	Second Amended and Restated Certificate of Incorporation of Charles River Laboratories International, Inc. dated June 5, 2000		S-1/A	June 23, 2000	3.1
3.2	Sixth Amended and Restated By-Laws of Charles River Laboratories International, Inc.		8-K	December 15, 2021	3.1
4.1	Form of Common Stock certificate, \$0.01 par value, of Charles River Laboratories International, Inc.		S-1/A	June 23, 2000	4.1
4.2	Description of Securities		10-K	February 11, 2020	4.2
4.3	Charles River Laboratories International, Inc. Form of Performance Share Unit granted under the 2018 Incentive Plan		10-Q	August 5, 2020	10.3
4.4	Charles River Laboratories International, Inc. Indenture Agreement with MUFG Union Bank, N.A. as Trustee dated April 3, 2018		8-K	April 3, 2018	4.1
4.5	Charles River Laboratories International, Inc. Second Supplemental Indenture, dates as of October 23, 2019, to the Indenture dated as of April 3, 2018		8-K	October 23, 2019	4.1
4.6	Form of Note for 4.250% Senior Notes due 2028		8-K	October 23, 2019	4.2
4.7	Indenture, dated as of March 23, 2021, between Charles River International, Inc. and U.S. Bank National Association, as trustee		8-K	March 23, 2021	4.1
4.8	First Supplemental Indenture, dated as of March 23, 2021, by and among the Charles River Laboratories International, Inc., the Guarantors and U.S. Bank National Association, as trustee		8-K	March 23, 2021	4.2
4.9	Form of Note for 3.750% Senior Notes due 2029 (included with Exhibit 4.12)		8-K	March 23, 2021	4.3
4.10	Form of Note for 4.000% Senior Notes due 2031 (included with Exhibit 4.12)		8-K	March 23, 2021	4.4
4.11	Form of Senior Debt Indenture between Charles River Laboratories International, Inc. and U.S. Bank National Association		S-3	May 4, 2021	4.1
4.12	Form of Subordinated Debt Indenture between Charles River Laboratories International, Inc. and U.S. Bank National Association		S-3	May 4, 2021	4.2
10.1*	Charles River Laboratories International, Inc. 2016 Incentive Plan		10-Q	August 3, 2016	10.1
10.2*	Charles River Laboratories International, Inc. Amended and Restated 2018 Incentive Plan, dated March 20, 2018, as amended November 21, 2023		10-K	February 14, 2024	10.2
10.3*	Charles River Laboratories International, Inc. Form of Stock Option granted under the 2016 Incentive Plan		10-K	February 14, 2017	10.4
10.4*	Charles River Laboratories International, Inc. Form of Restricted Stock Unit granted under the 2016 Incentive Plan		10-K	February 14, 2017	10.7
10.5*	Charles River Laboratories International, Inc. Form of Non-Qualified Stock Option granted under the 2018 Incentive Plan		10-Q	August 5, 2020	10.1
10.6*	Charles River Laboratories International, Inc. Form of Restricted Stock Unit granted under the 2018 Incentive Plan		10-K	February 14, 2024	10.6
10.7*	Charles River Executive Separation Plan dated December 05, 2024	X			
10.8*	Form of Change in Control Agreement		10-K	February 23, 2009	10.7

Exhibit No.	Description	Filed with this Form 10-K	Incorporation by Reference		
			Form	Filing Date	Exhibit No.
10.9*	Charles River Laboratories International, Inc. Non-Employee Directors Deferral Plan dated April 5, 2016		10-Q	May 4, 2016	10.1
10.10*	Charles River Laboratories, Inc. Executive Life Insurance/Supplemental Retirement Income Plan		10-K	March 9, 2005	10.23
10.11*	Amended and Restated Employment Agreement by and between James C. Foster and Charles River International, Inc., dated May 18, 2021		8-K	May 18, 2021	99.1
10.12*	Executive Incentive Compensation Program effective January 1, 2021		10-Q	May 4, 2021	10.2
10.13†	Charles River Laboratories amended and restated Deferred Compensation Plan, as amended	X			
10.14	Tenth Amended and Restated Credit Agreement, dated as of December 13, 2024, among Charles River Laboratories International, Inc., the Subsidiary Borrowers party thereto, the lenders party thereto, JPMorgan Chase Bank, N.A., as administrative agent, and the other agents party thereto		8-K	December 13, 2024	10.1
10.15*	Charles River Laboratories International, Inc. Restricted Stock Unit Award, dated December 25, 2021 granted to Joseph W. LaPlume		8-K	December 27, 2021	10.1
10.16*	Charles River Laboratories International, Inc. Performance Share Unit Award, dated December 25, 2021 granted to Joseph W. LaPlume		8-K	December 27, 2021	10.2
10.17*†	Employment Offer Letter between Charles River Laboratories, Inc. and Flavia Pease, dated as of March 4, 2022		10-Q	May 4, 2022	10.1
19	Insider Trading Policy		10-K	February 14, 2024	19
21.1	Subsidiaries of Charles River Laboratories International, Inc.	X			
23.1	Consent of PricewaterhouseCoopers LLP	X			
31.1	Rule 13a-14(a)/15d-14(a) Certification of Chief Executive Officer	X			
31.2	Rule 13a-14(a)/15d-14(a) Certification of Chief Financial Officer	X			
32.1	Section 1350 Certification of the Chief Executive Officer and Chief Financial Officer	X			
97	Financial Statement Compensation Recoupment Policy		10-K	February 14, 2024	97
101.INS	eXtensible Business Reporting Language (XBRL) Instance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document	X			
101.SCH	XBRL Taxonomy Extension Schema Document	X			
101.CAL	XBRL Taxonomy Calculation Linkbase Document	X			
101.DEF	XBRL Taxonomy Definition Linkbase Document	X			
101.LAB	XBRL Taxonomy Label Linkbase Document	X			
101.PRE	XBRL Taxonomy Presentation Linkbase Document	X			
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)				

* Management contract or compensatory plan, contract or arrangement.

† Certain information in this exhibit was omitted by means of redacting a portion of the text and replacing it with [***]

Item 16. Form 10-K Summary

None.

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.

CHARLES RIVER LABORATORIES INTERNATIONAL, INC.

February 19, 2025

By: /s/ FLAVIA H. PEASE

Flavia H. Pease

Corporate Executive Vice President and Chief Financial Officer

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

	Signatures	Title	Date
By:	<u>/s/ JAMES C. FOSTER</u> James C. Foster	<i>Chairman, President and Chief Executive Officer</i>	February 19, 2025
By:	<u>/s/ FLAVIA H. PEASE</u> Flavia H. Pease	<i>Corporate Executive Vice President and Chief Financial Officer</i>	February 19, 2025
By:	<u>/s/ MICHAEL G. KNELL</u> Michael G. Knell	<i>Corporate Senior Vice President and Chief Accounting Officer</i>	February 19, 2025
By:	<u>/s/ NANCY C. ANDREWS</u> Nancy C. Andrews	<i>Director</i>	February 19, 2025
By:	<u>/s/ ROBERT J. BERTOLINI</u> Robert J. Bertolini	<i>Director</i>	February 19, 2025
By:	<u>/s/ RESHEMA KEMPS-POLANCO</u> Reshema Kemps-Polanco	<i>Director</i>	February 19, 2025
By:	<u>/s/ DEBORAH T. KOICHEVAR</u> Deborah T. Koichevar	<i>Director</i>	February 19, 2025
By:	<u>/s/ GEORGE LLADO</u> George Llado	<i>Director</i>	February 19, 2025
By:	<u>/s/ MARTIN MACKAY</u> Martin Mackay	<i>Director</i>	February 19, 2025
By:	<u>/s/ GEORGE E. MASSARO</u> George E. Massaro	<i>Director</i>	February 19, 2025
By:	<u>/s/ CRAIG B. THOMPSON</u> Craig B. Thompson	<i>Director</i>	February 19, 2025
By:	<u>/s/ RICHARD F. WALLMAN</u> Richard F. Wallman	<i>Director</i>	February 19, 2025
By:	<u>/s/ VIRGINIA M. WILSON</u> Virginia M. Wilson	<i>Director</i>	February 19, 2025

CHARLES RIVER EXECUTIVE SEPARATION PLAN
(Last Revised on December 05, 2024)

1.1 Background1.2 *Purpose:*

The purpose of the Charles River Executive Separation Plan is to establish an equitable measure of compensation for employees of Charles River Laboratories International, Inc. and/or its subsidiaries (“the Company”) designated with a title of Vice President or higher (“Executives”) in the Company’s global/enterprise-wide Human Resources Information System job architecture whose employment has been terminated by the Company.

1.3 *Eligibility:*

Eligible employees under this Plan are Executives (a) whose employment is terminated for reasons other than cause, voluntary resignation, disability, early or normal retirement, or death; (b) who have not been offered a Comparable Position within the Company; and (c) who have executed a release agreement with the Company which is satisfactory to the Company. Executives who are parties to written employments with the Company containing terms that provide the Executive with the opportunity to receive severance payments following termination of employment with the Company are not eligible to receive benefits under this Plan, so long as such employment agreements remain in force and effect.

1.4 Definitions1.5 *Comparable Position:*

A comparable position is defined as a position having the same salary grade as the Executive’s current position with materially equivalent salary, target bonus percentage, equity compensation, and employee benefits perquisites (taken as a whole).

1.6 *Termination Date:*

The termination date is the last day of active employment with the Company.

1.7 *Termination for Cause:*

A termination of employment for fraud, violence, theft, gross misconduct, discrimination, harassment or actions of malicious intent which directly compromise the individual's role/accountabilities.

1.8 Severance Pay1.9 *Maximum Severance Pay Allowance:*

A corporate Executive shall be entitled to severance pay in accordance with the following schedule:

Level:	Years of Completed Company Service at Separation Date	
	Less than 5 years	5 years of more
	Amount of Base Salary Pay Continuations:	
Executive Vice President & above	One year	Two years
Senior Vice President	One year	One year
Vice President	Six months	One year

0 *Accrued Vacation:*

Subject to offset for repayment to the Company of any amounts owed by the Executive as of the Termination Date, any accrued but unused paid time off or vacation pay owed to the Executive as of the Termination Date will be paid at the time required by the laws of the state in which the Executive resides.

1 *Method of Payment:*

Unless otherwise required pursuant to Section 10.0 below, severance payments will be paid following the Termination Date in bi-weekly installments in accordance with the Company's regular payroll practices.

Incentive Compensation

Executives who are participants in the Company's Executive Incentive Compensation Plan (EICP) in the year of their Termination Date may be eligible to receive payouts under the EICP. Any such payments shall be in accordance with the terms and conditions of the EICP.

Stock Incentive Plan

The terms and conditions of your equity awards continue and will be treated according to the terms and conditions of your applicable equity award agreements and the Company's 2018 Incentive Plan, as amended from time to time.

Outplacement Services

The Company will assist the Executive in the search for new employment by reimbursing the Executive for professional fees for services incurred in the normal course of a job search payable to an established outplacement organization reasonably acceptable to the Company in a total amount not to exceed \$75,000 for executives at the level of executive vice president or above, and \$50,000 for all other Executives. To be eligible for Company reimbursement, all such fees must be incurred within one year from the Termination Date.

Notwithstanding the foregoing, the Company will not reimburse for outplacement services incurred after the Executive's acceptance of any employment or consulting relationship with another employer.

Financial Perquisites

Annual Perquisites:

If an Executive has received his or her approved annual "perquisite" allowance for the year in which the Termination Date occurs, the Executive will not be required to repay such allowance to the Company if the Termination Date occurs after June 30th of that year. If the Termination Date occurs on or before June 30th, the Executive will be required to repay the Company 50% of such allowance and the Company may effect this repayment (in whole or in part) through offset of amounts payable to the Executive. Executives will not be eligible for any additional allowances following their termination from employment.

Other Perquisites:

Eligibility to receive or participate in any other perquisites which the Executive received prior to the Termination Date ceases as of the Termination Date.

Benefits

Health, Life Insurance, Retirement Income, and 401(k) Plans:

If any Executive participated in the Company's group medical and/or dental plans as of the Termination Date, such benefits will continue through the end of month of the Termination Date. As additional severance, commencing on the

first day of the month following the Termination Date, the Company will continue Executive's medical or dental insurance coverage through the severance period up to a maximum of one year from the Termination Date, with the Executive contributing at the then-current employee contribution rate and the Company paying the remainder of the cost of such coverage obligation (unless the Executive notifies the Company in writing to cancel such coverage). For U.S.-based executives, this coverage will not run concurrently with the Executive's 18-months of COBRA eligibility. After the conclusion of the severance period, the Executive will be afforded the opportunity to continue to participate in any such medical and dental plans for the full duration of his or her COBRA eligibility period at the full COBRA rate.

Disability Plans, Life Insurance Etc.:

Participation in any and all other Company benefit plans including without limitation the Company's Long-Term and Short-Term Disability, life insurance, retirement and 401(K) plans, shall cease on the Termination Date.

Non-Compete Agreement

Prior to receiving any severance or other benefits under this Plan, the corporate Executive must execute, or have executed, an agreement not to compete with the company or solicit Company employees or customers for a period of at least one year, such agreement to be in a form acceptable to the Company.

) Section 409A:

Notwithstanding anything to the contrary in this Plan if the Executive is a "specified employee" within the meaning of Section 409A of the Internal Revenue Code ("Section 409A") and the regulations thereunder, as determined by the Compensation Committee of the Board of Directors of the Company as of the date of Executive's "separation from service" as defined in Treasury Regulation Section 1.409A-1(h) (or any successor regulation) and if any payments or entitlements provided for in this Plan constitute a "deferral of compensation" within the meaning of Section 409A and cannot be paid or provided in the manner provided herein without subjecting the corporate Executive to additional tax, interest or penalties under Section 409A, then any such payment and/or entitlement which is payable during the first six months following the Executive's "separation from service" shall be paid or provided to the Executive (or the Executive's estate, if applicable) in a lump sum (together with interest on the deferred payment or payments at a per annum rate equal to the GATT Rate (i.e. the 30-year Treasury bond interest rate) on the date of such "separation from service") on the earlier of (i) the first business day immediately following the six-month anniversary of the Executive's "separation from service" or (ii) the Executive's death.

Any payments or benefits due hereunder upon a termination of the Executive's employment which are a "deferral of compensation" within the meaning of Section 409A shall only be payable or provided to the Executive (or his or her estate) upon a "separation from service" as defined in Section 409A.

With respect to any benefits hereunder that constitute a "reimbursement plan" for purposes of Section 409A, (i) the reimbursement payment be made by no later than the end of the calendar year following the year in which the expense is incurred and (ii) the amount of reimbursable expenses incurred (or in-kind benefits available) in one taxable year of the Executive cannot affect the amount of reimbursable expenses (or in-kind benefits) available in a different taxable year.

Administration of the Plan

Preparation of Severance Package:

The Company's Corporate Human Resources Department is responsible for the preparation of the executive severance package in accordance with this Plan.

Other Policies and Plans:

This Plan supersedes all prior versions of this Plan (including without limitation the 2010 Charles River Corporate Officer Severance Plan) or any other plan providing severance benefits to the Company's Executives, other than

agreements entered into with certain Executives providing certain protections in the event of a change of control of the Company ("Change of Control Agreements"). In the event of a conflict between the terms of this Plan and the terms of any of the Change of Control Agreements entered into by Executives covered under this Plan, the terms of the Change of Control Agreements shall prevail. Any Executive who receives his or her full entitlement of benefits under a Change of Control Agreement will not be entitled to receive additional severance benefits under the terms of this Plan. This Plan is not intended to contravene any of the provisions of the Deferred Compensation Plan originally established by the Company on February 8, 2006, as may be amended from time to time (the "Deferred Compensation Plan") and any amounts payable under the terms of the Deferred Compensation Plan at the time a employment with the Company is terminated are to be paid in addition to any amounts payable under this Plan.

CHARLES RIVER LABORATORIES, INC.



By: _____
James C. Foster
Chairman, President & CEO

Effective Date:

AMENDED AND RESTATED DEFERRED COMPENSATION PLAN DOCUMENT
February 8, 2006 (Amended December 2, 2008, July 20, 2011 April 22, 2021 and January 30, 2025)

ARTICLE 1. INTRODUCTION

Charles River Laboratories hereby establishes the Charles River Laboratories Deferred Compensation Plan effective as of January 1, 2006. The Company has established the Plan to attract, retain and motivate certain of its key employees, as well as those of its subsidiaries and affiliates, by providing them with the opportunity to defer receipt of compensation and achieve resulting tax efficiencies. The Plan is intended to be "a plan which is unfunded and is maintained by an employer primarily for the purpose of providing deferred compensation for a select group of management or highly compensated employees" within the meaning of sections 201(2), 301(a)(3), 401(a)(1) of ERISA and is also intended to be compliant with the requirements of Section 409A of the Code. The Plan shall be administered in a manner consistent with those intents.

ARTICLE 2. DEFINITIONS

As used herein, the masculine pronoun shall include the feminine, and the singular shall include the plural, and the plural, the singular, and the following terms shall have the following meanings unless a different meaning is clearly required by the context.

"**Account**" means a Plan account for a Participant established pursuant to Section 7.1, which may pass to a Beneficiary pursuant to Article 9. Each Participant may have more than one Account.

"**Annual Interest Equivalent Factor**" means the annual interest rate, declared annually by the Company, applied to Deferrals allocated to the fixed rate fund in accordance with Article 6.

"**Annual Employer Contribution**" means an amount for each Schedule B Participant equal to 10% of the sum of such Participant's (i) base salary plus (ii) target annual bonus or, if lower, actual bonus, in each case in respect of the applicable year.

"**Annual Schedule A Incremental Amount**" for any year shall be an amount for each Schedule A Participant equal to the amount by which the Company would have been required to increase its actuarial liability (vested Projected Benefit Obligation) on its balance sheet for such year in respect of such Participant's ESLIRP benefit, determined in accordance with GAAP as if the retirement income portion of the ESLIRP were still in existence. Such calculation shall be determined using the actuarial assumptions specified by Section 417(e)(3)(A) of the Code, and in the case of the interest rate specified under subparagraph (ii)(II) of such section, using such rate established for the month of November of the year preceding the year to which the liability increase and contribution relate.

"**Beneficiary**" means a beneficiary designated in accordance with Article 9.

"**Bonus Plan**" means the annual incentive program used to determine the bonus amounts payable to executives of the Company.

"**Change of Control**" means any one of the following: (i) the closing of the sale of all or substantially all of the Company's assets as an entirety to any person or related group of persons; (ii) the merger or consolidation of the Company with or into another corporation or the merger or consolidation of another corporation with or into the Company or a subsidiary of the Company, in either case with the effect that immediately after such transaction the outstanding voting securities of the Company immediately prior to such transaction represent less than a majority in interest of the total voting power of the outstanding voting securities of the entity surviving such merger or consolidation; or (iii) the closing of a transaction pursuant to which beneficial ownership of more than 50% of the Company's outstanding Common Stock (assuming the issuance of Common Stock upon conversion or exercise of all then exercisable conversion or purchase rights of holders of outstanding convertible securities, options, warrants, exchange rights and other rights to acquire Common Stock) is transferred to a single person or entity, or a "group" (within the meaning of Rule 13d-5(b)(1) under the Securities Exchange Act of 1934) of persons or entities, in a single transaction or a series or related transactions. It shall be treated as a Change in Control hereunder if any of the events described in clauses (i), (ii) or (iii) occur to Charles River Laboratories Inc., or to International, or to any other company directly or indirectly controlling either Company at the time of any such transaction.

"**Code**" means the Internal Revenue Code of 1986, as amended.

"**Committee**" means the Compensation Committee of the Board of Directors of the Company, or any successor committee.

"**Company**" means International and Charles River Laboratories, Inc., a Delaware corporation and a wholly owned subsidiary of International, unless otherwise specifically stated or required by context.

"**Deferrals**" means compensation credited to a Participant's Account during a calendar year as a result of a Participant's elections pursuant to Section 5.2, plus Company contributions pursuant to Section 5.3, if any, plus, except where the context otherwise requires, amounts attributable (i.e., credited notional interest) to amounts previously deferred.

"**Distribution Date**" is defined in Section 8.2.

"**ERISA**" means the Employee Retirement Income Security Act of 1974, as amended.

“**ESLIRP**” means the Executive Supplemental Life Insurance and Retirement Income Plan established in 1973 and from time to time amended.

“**401(k) Savings Plan**” means the qualified 401(k) savings plan offered by the Company to employees meeting the proper age and service requirements.

“**Initial ESLIRP Conversion Amount**” means, for each Schedule A Participant, the amount determined by the Company to be the value of the Participant’s ESLIRP accrued benefit as of the end of the year prior to the year in which such Participant’s participation in the Plan commenced.

“**International**” means Charles River Laboratories International, Inc., a Delaware corporation.

“**Measurement Funds**” means the funds selected by the Committee to be used as the measure of investment return on an Account, or portion thereof, when elected by a Participant in accordance with Article 6. The fixed rate fund shall be considered a Measurement Fund for purposes hereof unless specifically otherwise required by context.

“**Participant**” means an executive who becomes eligible to participate in the Plan and who elects to participate in the Plan or is designated to receive Annual Employer Contributions, in accordance with Article 4.

“**Plan**” means the Charles River Laboratories Deferred Compensation Plan as set forth herein and in all subsequent amendments hereto.

“**Pre-retirement Account**” means an Account the distribution schedule for which is established by the Participant under Section 8.2 at the time such Account is opened.

“**Retirement Account**” means an Account the distribution schedule for which is established by the Participant under Section 8.1(a)(1) or 8.1(a)(2) at the time such Account is opened.

“**Schedule A Participant**” means each Participant designated by the Company from time to time as a Schedule A Participant.

“**Schedule B Participant**” means each Participant designated by the Company from time to time as a Schedule B Participant.

“**Trust**” means any trust established under any Trust Agreement.

“**Trust Agreement**” means one or more of the trust agreement(s) entered into by the Company, if any, to hold assets to be used to defray the Company’s expenses of operating the Plan.

“**Trustee**” means a Trustee of any Trust.

ARTICLE 3. ADMINISTRATION

3.1 Committee. The Plan shall be administered by the Committee. The Committee shall have full discretionary authority to interpret the provisions of the Plan and decide all questions and settle all disputes which may arise in connection with the Plan, and may establish its own operative and administrative rules and procedures in connection therewith, provided that any such procedures relating to claims are consistent with the requirements of section 503 of ERISA and the regulations thereunder. All interpretations, decisions and determinations made by the Committee shall be binding on all persons concerned. No member of the Committee who is a Participant in the Plan may vote or otherwise participate in any decision or act with respect to a matter relating solely to himself (or to his Beneficiaries).

3.2 Delegation by Committee. Except as the Committee may otherwise provide by written resolution, the Committee’s duties and responsibilities under Section 3 (except for the duty to establish eligibility criteria under Article 4) shall be delegated to the Vice President, Human Resources, who may further delegate certain of such duties and responsibilities to other members of management of the Company. For purposes of the Plan, any action taken by any such delegate pursuant to such delegation shall be considered to have been taken by the Committee. In addition, except as the Committee may otherwise provide by written resolution, the Committee’s duties and responsibilities under Section 3 shall be delegated (on a shared basis) to the Investment Committee of the Company; provided, however, that material changes to this Plan pursuant to Section 14 will require approval of the Committee.

3.3 Indemnification. The Company agrees to indemnify and to defend to the fullest possible extent permitted by law any member of the Committee and any delegate (including any person who formerly served as a member of the Committee or as a delegate) against all liabilities, damages, costs and expenses (including attorneys’ fees and amounts paid in settlement of any claims approved by the Company) occasioned by any act or omission to act in connection with the Plan, if such act or omission is in good faith.

ARTICLE 4. SELECTION OF PARTICIPANTS

The Committee shall select, or shall establish the applicable criteria for determining, the employees of the Company or its subsidiaries or affiliates who are eligible to participate in the Plan. When an executive has been selected to participate in the Plan, he will be notified by the Committee and given the opportunity to elect to defer compensation under the Plan. An executive who makes such an election and/or is designated as eligible to receive contributions pursuant to Section 5.3 is hereinafter referred to as a “Participant.”

ARTICLE 5. DEFERRAL OF COMPENSATION

5.1 Deferral Opportunity. From time to time the Committee shall establish the extent to which (if any) base salary or bonuses under one or more incentive bonus programs may be deferred under the Plan. Unless otherwise provided by the Committee, the following table identifies the types of compensation permitted to be deferred under the Plan with corresponding maximum deferral percentages:

<u>Types of Compensation (Net of Employment Taxes)</u>	<u>Maximum Deferral</u>
Annual Salary	50%
Annual Bonus	100%

Deferral elections shall apply in all cases to compensation amounts after reduction thereof for any applicable employment and withholding taxes.

5.2 Deferral Elections. For each calendar year, a Participant may irrevocably elect, in accordance with this Article and Article 8, to defer receipt of all or part of the compensation designated pursuant to Section 5.1. A Participant's election to defer base salary payable in respect of services provided in any calendar year must be made on or before December 15 of the previous calendar year. A Participant's election to defer an incentive award must be made prior to the time the amount of the award is granted under the applicable incentive award program and, in any event, prior to six months from the date the performance period ends. In the case of a Participant who becomes employed and eligible for the Plan during the same calendar year, the elections described in this Article with respect to compensation for services after the date of election may be made no later than 30 days following the Participant's first day of eligibility. Notwithstanding any provision of this paragraph, deferrals under the Plan shall comply with the requirements of Section 409A as to timing of election, and need not exceed such requirements of Section 409A.

5.3 Company Contributions. (a) The Committee may from time to time designate any individual then participating in the ESLIRP as a Schedule A Participant. For each such Schedule A Participant, the Company will contribute to an Account established or designated by such Participant an amount equal to such Participant's Initial ESLIRP Conversion Amount.

(b) For each Schedule A Participant, the Company shall contribute to an Account established or designated by such Participant in respect of each full year such Participant remains employed by the Company following such Participant's designation as a Schedule A Participant, an amount equal to the Annual Schedule A Incremental Amount. The company shall make the contribution annually, no later than March 31st. The Company may, but is not required to, in its sole and absolute discretion apply an additional interest credit to the contribution for the period from January 1 to the date the contribution is credited to the Participant's Account. Thereafter, such contribution shall be credited or debited in accordance with Section 6.3.

(c) The Committee may from time to time designate a Participant as a Schedule B Participant. For each such Schedule B Participant, in respect of each full year such Participant remains employed by the Company following such Participant's designation as a Schedule B Participant, the Company shall contribute to an Account established or designated by such Participant the Annual Employer Contribution. Each Annual Employer Contribution shall become vested and nonforfeitable in four equal installments on December 31 (the "Vesting Date") of each of the four years following the year in respect of which the Annual Employer Contribution was made, provided that the Participant remains employed by the Company on the applicable Vesting Date. All of a Participant's Annual Employer Contributions will vest and become nonforfeitable upon (i) a Change in Control, (ii) the Participant's death or disability, or (iii) the attainment by such Participant of age 60 following continuous employment by the Company until such time. The Company may, but is not required to, in its sole and absolute discretion apply an additional interest credit to the contribution for the period from January 1 to the date the contribution is credited to the Participant's Account. Thereafter, such contribution shall be credited or debited in accordance with Section 6.3.

(d) A Participant may irrevocably elect, in accordance with Article 8, to direct Company Contributions to one or more Retirement or Pre-retirement Accounts. Such direction to and the payment schedule for any Account to which Company Contributions in respect of services provided in any calendar year are directed must be established on or before December 15 of the previous calendar year, to the extent necessary to comply with Section 409A.

5.4 Pre-Retirement Life Insurance Benefit. Executives named in both Schedule A and Schedule B, if any, are eligible to receive a pre-retirement life insurance death benefit equal to base annual salary plus target bonus times four (4) less \$50,000 of group coverage.

5.5 Change in Control. (a) In the event that a Schedule A Participant becomes eligible to receive Severance Payments under such Participant's Change in Control Agreement, as defined below, if any, the Company will be obligated to make an additional contribution to an Account established or designated by such Participant in accordance with this section.

(b) Such additional contribution shall be equal to (i) the payment that would have been made under Section 6.4 of the Change in Control Agreement had the Plan not been implemented, minus (ii) the amount that would have constituted the Participant's accrued benefit under the ESLIRP as of the Date of Termination without regard to the additional benefit provided under clauses (ii) and (iii) of such Section 6.4 of the Change in Control Agreement, in the case of both clause (i) and clause (ii) above assuming that the ESLIRP had continued in effect through the Date of Termination.

(c) Such additional contribution shall be made promptly following, but not more than 15 days after, the Date of Termination, and shall be allocated to one or more Measurement Funds, in accordance with the Schedule A Participant's then effective elections.

(d) Capitalized terms used in this Section 5.5, when applied to a Participant, shall have the meanings assigned to them in the Agreement (or the Amended and Restated Agreement, as applicable) between such Participant and the Company (the “**Change in Control Agreement**”), if any.

ARTICLE 6. INTEREST EQUIVALENT FACTOR & MEASUREMENT FUNDS

6.1 (a) Measurement Funds. The Participant may allocate his or her Deferrals to, or notionally “invest” them in, one or more Measurement Funds. The Committee may, in its sole discretion, discontinue, substitute, add or delete a Measurement Fund at any time.

(b) Annual Interest Equivalent Factor. The Committee shall determine the annual interest equivalent factor that will apply to Deferrals allocated to the fixed rate fund. The Committee may determine different interest equivalent factors for Deferrals made in different calendar years, and except as otherwise provided herein, the Committee may change each year the interest equivalent factor applicable to the fixed rate fund for future periods.

6.2 Upon Change of Control. Following a Change in Control, the annual interest equivalent factors applied to Deferrals of a Participant shall not be less than the annual interest equivalent factors applicable to Deferrals of the Participant immediately prior to the Change of Control. Further, to the extent feasible, any Measurement Funds in existence prior to a Change in Control shall continue to be available after a Change in Control, until distribution of Accounts in accordance with Section 8.9.

6.3 Crediting/Debiting of Account Balances. In accordance with, and subject to, the rules and procedures that are established from time to time by the Committee, in its sole discretion, amounts shall be credited or debited to the balance of any Account of a Participant in accordance with the following rules:

(a) Allocation to Measurement Funds. In connection with each deferral election in accordance with Section 5.2 above and each Company Contribution in accordance with Schedule 5.3 above, each Participant shall allocate deferred amounts in all Accounts to one or more Measurement Fund(s) (as described below) to be used to determine the additional amounts to be credited or debited to such Account balance (the notional “investment return”) for each period in which the Participant remains in active participation in the Plan. On a daily basis, in accordance with procedures established from time to time by the Committee, the Participant may (but is not required to) reallocate any portion of his Account balance(s) to one or more other Measure Funds. Any reallocation made in accordance with the previous sentence shall apply to the next business day and continue thereafter for each subsequent day in which the Participant participates in the Plan, unless changed in accordance with the previous sentence.

(b) Allocation Amounts. Allocations to any Measurement Fund shall be made in increments of one percentage point (i.e., 1%) of the Account balance.

(c) Crediting or Debiting Method. A Participant’s Account balance(s) shall be credited or debited on a daily basis based on the hypothetical performance of each Measurement Fund selected by the Participant in the percentages applicable to such business day at the closing price on such date. The Measurement funds themselves are determined by the Committee in its sole discretion. This crediting and debiting method will take into account the hypothetical earnings, expenses, gains, withdrawals, or losses in an amount equal to the earnings, gains, withdrawals, or losses attributable to the investment options selected by the Participant.

(d) No Actual Investment. Notwithstanding any other provision of this Plan that may be interpreted to the contrary, the Measurement Funds are to be used for reference purposes only, and a Participant’s allocation of his or her Account balance(s) to any such Measurement Fund, the calculation of additional amounts and the crediting or debiting of such amounts to a Participant’s Account balance(s) shall not be considered or construed in any manner as an actual investment of his or her Account balance(s) in any such Measurement Fund or any underlying reference portfolio. In the event that the Company or any Trustee in its discretion determines to invest funds in any of the Measurement Funds or underlying reference portfolios, or determines to invest in any other assets, no Participant shall have any rights in or to such investments. Without limiting the generality of the foregoing, a Participant’s Account balance(s) shall at all times be a bookkeeping entry only and shall not represent any investment made on his behalf by the Company or any Trust; the Participant shall at all times remain an unsecured creditor of the Company.

ARTICLE 7. PARTICIPANT ACCOUNTS

7.1 Establishment of Accounts. Each Participant shall establish distribution Accounts applicable to each Plan Year’s contributions reflecting the amounts due to the Participant under the Plan and the Committee shall cause the Company to establish on its books such Accounts reflecting the Company’s obligation to pay Participants the amounts due under the Plan.

7.2 Adjustments to Accounts. From time to time the Committee shall adjust each Account of each Participant to credit (i) amounts which the Participant has elected to defer under Article 5 and direct to such Account, (ii) amounts contributed to the Plan for the benefit of a Participant pursuant to Section 5.3 and directed by such Participant to such Account, and (iii) amounts based on the annual interest equivalent factors for the fixed rate fund and / or gains or losses based on the applicable allocations in the Measurement Funds, determined under Article 6. Participants’ Account(s) shall also be adjusted to reflect benefit payments and withdrawals under Article 8 and shall continue to be adjusted under this Article 7 until the entire amount credited to the respective Account has been paid to the Participant or his Beneficiary.

ARTICLE 8. DISTRIBUTION OF BENEFITS

8.1 Retirement Accounts.

(a) At the time a Participant elects to defer compensation pursuant to Section 5.2 or direct the deposit of a contribution pursuant to Section 5.3, the Participant shall direct the payment of such Deferral or contribution based upon the earlier of Retirement or a pre-Retirement date. Distribution options for payments upon Retirement can be either:

(1) A lump sum:

(i) upon termination of employment (including termination due to retirement); or

(ii) at a specified time following termination of employment, subject to subsection (b) below.

(2) In up to 20 consecutive annual installments, commencing:

(i) immediately upon termination of employment; or

(ii) at a specified time following termination of employment, subject to subsection (b) below.

(b) Notwithstanding any election made pursuant to subsection (1)(ii) or (2) above, if the Participant has not attained age 55 at the time of termination of employment, all amounts will be distributed in a lump sum immediately following his termination of employment.

(c) For purposes of clarification, in the event that no Retirement Account allocation or distribution election is validly made for an amount, such amount will be distributed in accordance with subsection (1)(i) of Section 8.1(a) above.

8.2 Pre-retirement Accounts.

(a) If at the time of a deferral election in accordance with Section 5 the Participant chooses to make a Pre-retirement distribution election, the Participant shall designate the date on which amounts contained in such Account shall be distributed. If multiple distribution dates are designated for a single Account, (i) such dates must be the same date in consecutive years, and (ii), the portion of the Account distributed on such date shall be a fraction which is the reciprocal of the number of distribution dates remaining at the time of any such distribution. For example, if three dates are selected, 1/3 of the Account shall be distributed on the first such date, 1/2 of the Account on the second such date, and the entire remaining Account on the last date. Each Pre-retirement Account may have only one distribution schedule, and once established, such schedule may be changed only in accordance with Section 8.7.

(b) A Participant must be employed at the time such Pre-retirement election(s) are scheduled to commence. If a Participant terminates employment prior to commencement of any elected Pre-retirement distribution(s), at any age, that Account(s) will be distributed in a lump sum upon termination. Pre-retirement payments will continue as elected if a Participant terminates employment after a Pre-retirement distribution commences. For purposes of clarification, in the event that any allocation to a Pre-retirement Account or any distribution election of a Pre-retirement amount under this Section 8.2 is not validly made, all amounts subject to such allocation or election shall be distributed in accordance with subsection (1)(i) of Section 8.1(a) above.

(c) The first distribution date selected for a Pre-retirement Account must be not earlier than three years after the date such amounts would have been paid to the Participant had no Deferral thereof been made.

8.2A Special Lump-Sum Payment. Notwithstanding any election made pursuant to Section 8.1(a) or Section 8.2(a), in the event that the total amount of a Participant's undistributed balance in the Plan is equal to or less than the amount then specified in Section 402(g)(1)(B) of the Code, or any successor provision thereto, as of the date of termination of employment, the Participant's Retirement Account(s) and Pre-Retirement Account(s) shall be fully distributed in a lump sum as soon as administratively feasible following termination of employment. Any such distribution pursuant to this section will comply in all respects with any applicable requirements of Section 409A.

8.2B Payments and Disbursements. Payments and distributions under the Plan shall be made on or as promptly as practicable after termination of employment, or after the respective date(s) designated by the Participant pursuant to Section 8.2, as the case may be, but in any event by the end of the calendar year in which such termination or date occurs; provided, however, that if the date of termination or such specified date is after November 30, such payment or distribution will be made in the following calendar year.

8.3 Financial Hardship Distribution. In the event a Participant suffers an unanticipated emergency due to circumstances beyond his control that results in a financial hardship, the Participant may request a distribution of all or any part of any Account. The Committee shall determine whether such a financial hardship exists and what amount, if any, may be distributed. In no event shall the aggregate amount of the distribution exceed either the value of the Participant's Account(s) or the amount determined by the Committee to be necessary to alleviate the Participant's financial hardship (which hardship amount may include taxes owed because of such distribution) and that is not reasonably available from other resources of the Participant. A distribution of any amount pursuant to this section that is subject to Section 409A will not be made unless the financial hardship distribution satisfies the requirements for distribution on account of "unforeseeable emergency", within the meaning of Section 409A.

8.4 Disability. For purposes of the Plan, a Participant who ceases active employment because of a disability is considered to remain active under the Plan, to the extent permitted by Section 409A. A Participant who has become disabled, within the meaning of Treasury Reg. Sec. 1.409A-3(i)(4), will receive a distribution of all portions of any Account that were scheduled to be distributed on termination of employment six months following the Participant's date of disability, and all other amounts will be distributed as scheduled, subject to the provisions of Section 8.7.

8.5 Death. In the event a Participant dies before the full distribution of Participant's Account(s), such Account(s) shall be distributed to Participant's Beneficiary or estate, as applicable, as promptly as practicable in accordance with Section 8.2B and Section 9.

8.6 Tax Withholding. To the extent required by applicable law, Federal, State, and other taxes shall be withheld from any distribution.

8.7 Changes to Distribution Schedules. A Participant who has elected to receive payment at a time and in a form described in this Section 8 may change such election at any time up to 12 months prior to the date on which the payment was originally scheduled to be made or to commence. Notwithstanding the foregoing, any election to change distribution dates cannot result in an acceleration of benefit payments and any further deferral must be for a period of not less than 5 years after the initially elected distribution date, in compliance with applicable requirements of Section 409A of the Code. A changed election made within 12 months of the date payment was originally scheduled to be made or to commence is not valid and has no effect.

8.8 Compliance with Section 409A. If the implementation of any of the foregoing provisions of the Plan would subject the Participant to taxes or penalties under Section 409A of the Code, the implementation of such provision shall be modified to avoid such taxes and penalties to the maximum extent possible while preserving to the maximum extent possible the benefits intended to be provided to Participants under the Plan. Without limiting the generality of the foregoing, and notwithstanding any provision of the Plan which may be interpreted to the contrary, any Participant who is treated as a "specified employee," for purposes of Section 409A, cannot receive or commence receiving payment within six months of his or her termination of employment, to the extent such delay is required by Section 409A and regulations promulgated thereunder.

8.9 Change in Control. Upon a Change in Control, all Accounts shall be distributed to Participants; provided that, to the extent required by Section 409A, such transaction also constitutes a change in the ownership or effective control of, or in the ownership of a substantial portion of the assets of, the Company, within the meaning of Section 409A. Such distributions shall be made not earlier than January 1 and not later than January 31 of the calendar year following the year in which the Change in Control occurred.

ARTICLE 9. BENEFICIARY BENEFITS

In accordance with forms and procedures established by the Committee, a Participant may designate a Beneficiary to receive the remaining balance of his Account(s) upon his death, and may change such designated Beneficiary from time to time. Payments to a Beneficiary under this Article 9 shall be made in accordance with Section 8.5. Notwithstanding the preceding sentence, if a Beneficiary survives the Participant but dies before the Participant's entire Account has been distributed, the remaining balance(s) of all of the Participant's Account(s) shall be distributed in a lump sum to the Beneficiary's estate as soon as practicable following receipt of notice of the Beneficiary's death. If no Beneficiary is designated (or if a designated Beneficiary does not survive the Participant), the balance credited to the Participant's Account(s) shall be paid to the Participant's estate in a lump sum as soon as practicable following receipt of notice of the Participant's death.

ARTICLE 10. NATURE OF CLAIM FOR PAYMENTS

(a) Except as may be provided herein, the Company shall not be required to set aside or segregate any assets of any kind to meet its obligations hereunder. A Participant shall have no right on account of the Plan in or to any specific assets of the Company or to any assets of any Trust. Any right to any payment the Participant may have on account of the Plan shall be solely that of a general, unsecured creditor of the Company.

(b) To assist in meeting its obligations under the Plan, the Company may establish or designate a Trust, of which the Company is treated as the owner under Subpart E of Subchapter J, Chapter I of the Code, and may deposit funds with the Trustee of the Trust.

(c) In all events, the Company shall remain ultimately liable for the benefits payable under this Plan, and to the extent the assets at the disposal of the Trustee are insufficient to enable the Trustee to satisfy all benefits, the Company shall pay all such benefits necessary to meet its obligations under this Plan.

(d) The obligations of the Company hereunder shall be binding upon its successors and assigns, whether by merger, consolidation or acquisition of all or substantially all of its business or assets.

(e) In the event that, following a Change in Control, any dispute arises as to a Participant's entitlements under the Plan, the Participant shall be entitled to reimbursement, as incurred, of legal expenses incurred by the Participant in enforcing his or her rights hereunder, unless the claim(s) made by such Participant is determined by a court or arbitrator of appropriate jurisdiction to be or have been manifestly without merit.

ARTICLE 11. ASSIGNMENT OR ALIENATION

11.1 Prohibition on Assignment. The interest hereunder of any Participant or Beneficiary shall not be alienable by the Participant or Beneficiary by assignment or any other method and will not be subject to be taken by his creditors by any process whatsoever, and any attempt to cause such interest to be so subjected shall not be recognized.

11.2 Domestic Relations Orders.

(a) All or a portion of a Participant's benefit under the Plan may be paid to another person as specified in a "Qualified Domestic Relations Order." For this purpose, a "Qualified Domestic Relations Order" means a judgment, decree, or order (including the approval of a settlement agreement) which is:

- (i) issued pursuant to a State's domestic relations law;
 - (ii) relates to the provision of child support, alimony payments or marital property rights to a spouse, former spouse, child or other dependent of the Participant;
 - (iii) creates or recognizes the right of a spouse, former spouse, child or other dependent of the Participant to receive all or a portion of the Participant's benefits under the Plan;
 - (iv) provides for payment in an immediate lump sum as soon as practicable after the Committee determines that a Qualified Domestic Relations Order exists; and
 - (v) meets such other requirements established by the Committee.
- (b) The Committee shall determine whether any document received by it is a Qualified Domestic Relations Order. In making this determination, the Committee may consider:
- (i) the rules applicable to "domestic relations orders" under section 414(p) of the Internal Revenue Code of 1986 and section 206(d) of ERISA;
 - (ii) the procedures used under the 401(k) Savings Plan to determine the qualified status of domestic relations orders; and
 - (iii) such other rules and procedures as it deems relevant.

ARTICLE 12. NO CONTRACT OF EMPLOYMENT

The Plan shall not be deemed to constitute a contract of employment between the Company and any Participant, or to be consideration for the employment of any Participant.

ARTICLE 13. AMENDMENT OR TERMINATION OF PLAN

The Plan may be altered, amended, revoked or terminated in writing by the Committee or the Company in any manner and at any time; provided, however, that (i) no amendment or action of the Committee may have the effect of reducing the vested balance of any Account of a Participant at the time of such amendment or action without the consent of the affected Participant, (ii) following a Change in Control, (A) no such alteration, amendment, revocation or termination shall reduce the amount of a Participant's Account or his rights to such Account as determined under the provisions of the Plan in effect immediately prior to such Change in Control (including without limitation any right to contributions under Section 5.3), or otherwise adversely affect the Participant's benefits under the Plan, without the written consent of the affected Participant and (B) the provisions of Sections 5.5, 6.2 and this Article 13 may not be amended. Any such amendment, modification, revocation or termination shall comply with Section 409A.

ARTICLE 14. CLAIMS REVIEW PROCEDURE

14.1 Notice. The Committee shall notify Participants and, where appropriate, Beneficiaries, of their right to claim benefits under the claims procedures, and may, if appropriate, make forms available for filing of such claims, and shall provide the name of the person or persons with whom such claims should be filed.

14.2 Procedure. The Committee shall establish procedures for action upon claims initially made and the communication of a decision to the claimant promptly and, in any event, not later than 90 days after the claim is received by the Committee, unless special circumstances require an extension of time for processing the claim. If an extension is required, notice of the extension shall be furnished to the claimant prior to the end of the initial 90 day period, which notice shall indicate the reasons for the extension and the expected decision date. The extension shall not exceed 90 days. The claim may be deemed by the claimant to have been denied for purposes of further review described below in the event a decision is not furnished to the claimant within the period described in the three preceding sentences. Every claim for benefits which is denied shall be denied by written notice setting forth in a manner calculated to be understood by the claimant (i) the specific reason or reasons for the denial, (ii) specific reference to any provisions of the Plan on which denial is based, (iii) description of any additional material or information necessary for the claimant to perfect his claim with an explanation of why such material or information is necessary, and (iv) an explanation of the procedure for further reviewing the denial of the claim under the Plan, including a statement of the right of the claimant to bring an action under Section 502(a)(3) of ERISA following an adverse benefit determination on review.

14.3 Review.

(a) The Committee shall establish a procedure for review of claim denials, such review to be undertaken by the Committee. The review given after denial of any claim shall be a full and fair review with the claimant or his duly authorized representative having 60 days after receipt of denial of his claim to request such review, the right to review all pertinent documents and the right to submit documents, records, issues, comments and other information in writing, all of which shall be taken into account regardless of whether it was submitted in the initial benefit determination. The claimant shall be provided upon request and at no charge, reasonable access to, and copies of, all documents, records and other information relevant to the claimant's claim for benefits.

(b) The Committee shall establish a procedure for issuance of a decision by the Committee not later than 60 days after receipt of a request for review from a claimant unless special circumstances, such as the need to hold a hearing, require a longer period of time, in

which case a decision shall be rendered as soon as possible but not later than 120 days after receipt of the claimant's request for review. The decision on review shall be in writing and shall include specific reasons for the decision written in a manner calculated to be understood by the claimant with specific reference to any provisions of the Plan on which the decision is based, a statement that the claimant is entitled upon request and at no charge reasonable access to, and copies of, all documents, records and other information relevant to the claimant's claim for benefits, and a statement of the right of the claimant to bring an action under Section 502(a)(1)(B) of ERISA.

ARTICLE 15. GOVERNING LAW

This Plan shall be governed and construed in accordance with the laws of the State of Massachusetts, to the extent such laws are not preempted by federal law.

IN WITNESS WHEREOF, this Plan has been adopted by the Compensation Committee of the Board of Directors of Charles River Laboratories, Inc., on February 8, 2006, and amended on December 2, 2008, on July 20, 2011, April 22, 2021, and on January 30, 2025 by the Compensation Committee of Charles River Laboratories International, Inc., and is executed by a duly authorized officer of Charles River Laboratories International, Inc. and Charles River Laboratories International, Inc.

Charles River Laboratories, Inc.

/s/ Victoria Creamer

By: Victoria Creamer

Title: CEVP; Chief People Officer

SUBSIDIARIES

Subsidiary	Jurisdiction of Organization
1 Charles River Laboratories, Inc.	Delaware
2 Charles River UK Limited	United Kingdom (England)
3 Charles River Laboratories Saint-Constant S.A.	Quebec, Canada
4 Charles River Nederland B.V.	Netherlands
5 Charles River Laboratories Holding SAS	France
6 Charles River Laboratories France C.R.L.F. SAS	France
7 BioFocus DPI (Holdings) Ltd.	United Kingdom (England)
8 Charles River Laboratories Belgium SRL	Belgium
9 Charles River Laboratories España SA	Spain
10 Charles River Laboratories Italia Srl	Italy
11 Charles River Laboratories Germany Holding GmbH	Germany
12 Charles River Laboratories Poland Sp. Z.o.o.	Poland
13 Charles River Laboratories Ireland Limited	Ireland
14 Charles River Laboratories Research Models and Services, Germany GmbH	Germany
15 Charles River Laboratories Luxembourg S.a.r.l.	Luxembourg
16 Charles River Laboratories Group	United Kingdom (Scotland)
17 Charles River Laboratories Edinburgh Ltd.	United Kingdom (Scotland)
18 Charles River ULC	Nova Scotia, Canada
19 Charles River Laboratories Montreal, ULC	Nova Scotia, Canada
20 Charles River Laboratories Australia Pty. Ltd.	Australia
21 Zhanjiang A&C Biological Ltd.	China
22 Charles River Laboratories Korea	Korea
23 Charles River Laboratories Asia Holdings Limited	Hong Kong
24 Charles River Laboratories Germany GmbH	Germany
25 Charles River Discovery Research Services, Inc.	Michigan
26 Charles River Laboratories India Private Limited	India
27 Charles River Discovery Research Services Finland Oy	Finland
28 Accugenix LLC	Delaware
29 Beijing Vital River Laboratory Animal Technology Co. Ltd.	China
30 Charles River Detecção Microbiana e de Endotoxina Participações Ltda	Brazil
31 Charles River Endotoxin and Microbial Detection Singapore Pte. Ltd.	Singapore
32 Charles River Endotoxin Microbial Detection Europe SAS	France
33 Charles River Laboratories Holdings Limited	United Kingdom (England)
34 Charles River Discovery Research Services UK Limited	United Kingdom (England)
35 Charles River Laboratories Cleveland, Inc.	Delaware
36 Charles River Endotoxin and Microbial Detection Israel	Israel
37 Celsis Group Limited	United Kingdom (England)
38 Celsis Limited	United Kingdom (England)
39 Celsis International B.V.	Netherlands
40 Charles River Microbial Solutions Germany GmbH	Germany
41 Charles River Laboratories France Safety Assessment SAS	France
42 CRL Safety Assessment, Inc.	Delaware
43 Charles River Laboratories SA USA, Inc.	Delaware
44 Charles River Laboratories Ashland, LLC	Delaware

45	Charles River Laboratories SA Netherlands Holdings B.V.	Netherlands
46	Charles River Laboratories I Delaware Holdings, Inc.	Delaware
47	Charles River Laboratories II Delaware Holdings, Inc.	Delaware
48	Charles River Laboratories Den Bosch B.V.	Netherlands
49	Zhejiang Vital River Laboratory Animal Technology Co. Ltd.	China
50	Charles River Microbial Solutions International Limited	Ireland
51	KWS BioTest Limited	United Kingdom (England)
52	Charles River Microbial Solutions (Shanghai) Company Limited	China
53	Charles River Laboratories Denmark ApS	Denmark
54	CRL Group International France	France
55	Charles River Laboratories Evreux	France
56	Charles River Laboratories Saint Nazaire	France
57	Charles River Laboratories Hungary	Hungary
58	Charles River Laboratories Switzerland AG	Switzerland
59	Charles River Laboratories Cell Solutions, Inc.	California
60	Cobra Biologics Limited	United Kingdom (England)
61	Guangdong Vital River Laboratory Animal Technology Co. Ltd	China
62	Si Chuan Vital River Laboratory Animal Technologies Co. Ltd.	China
63	Charles River Laboratories Japan G.K.	Japan
64	Charles River Laboratories Sweden AB	Sweden
65	Cobra Biologics Holding Limited	United Kingdom (England)
66	MDRH Holdings, LLC	Delaware
67	Indigo, LLC	Delaware
68	Charles River Accelerator & Development Laboratories (Shanghai) Company Limited	China
69	Zhanjiang Puju Biological Co. Ltd.	China
70	Hainan New Source Biotech Ltd.	China
71	Charles River Nederland II B.V.	Netherlands
72	Kandurt LLC	Delaware
73	Kandurt Member LLC	Delaware
74	Noveprim Limited	Mauritius
75	Noveprim Property Limited	Mauritius
76	Chamouny Farming Ltd.	Mauritius
77	Camarney S.L. Spain	Spain
78	Charles River Laboratories (Cambodia) Co. Ltd.	Cambodia

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in the Registration Statements on Form S-3 (No. 333-279262) and Form S-8 (Nos. 333-238567, 333-225046 and 333-212507) of Charles River Laboratories International, Inc. of our report dated February 19, 2025 relating to the financial statements and the effectiveness of internal control over financial reporting, which appears in this Form 10-K.

/s/ PricewaterhouseCoopers LLP
Boston, Massachusetts
February 19, 2025

**CERTIFICATION PURSUANT TO
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002
AND RULE 13a-14(a)/15d-14(a) OF THE EXCHANGE ACT OF 1934**

I, James C. Foster, Chairman, President and Chief Executive Officer of Charles River Laboratories International, Inc. (the registrant) certify that:

1. I have reviewed this annual report on Form 10-K for the year ended December 28, 2024 of the registrant;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, 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;
 - c. evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures as of the end of the period covered by this report based on such evaluation; and
 - d. disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officers and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

/s/ James C. Foster

James C. Foster
Chairman, President and Chief Executive Officer
Charles River Laboratories International, Inc.

February 19, 2025

**CERTIFICATION PURSUANT TO
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002
AND RULE 13a-14(a)/15d-14(a) OF THE EXCHANGE ACT OF 1934**

I, Flavia H. Pease, Corporate Executive Vice President and Chief Financial Officer of Charles River Laboratories International, Inc. (the registrant) certify that:

1. I have reviewed this annual report on Form 10-K for the year ended December 28, 2024 of the registrant;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, 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;
 - c. evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures as of the end of the period covered by this report based on such evaluation; and
 - d. disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officers and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

/s/ Flavia H. Pease

Flavia H. Pease
Corporate Executive Vice President and Chief Financial Officer
Charles River Laboratories International, Inc.

February 19, 2025

**CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the annual report on Form 10-K for the year ended December 28, 2024 of Charles River Laboratories International, Inc. (the "Company") as filed with the Securities and Exchange Commission on the date hereof (the "Report"), the undersigned, James C. Foster, Chairman, President and Chief Executive Officer of the Company, and Flavia H. Pease, Corporate Executive Vice President and Chief Financial Officer of the Company, each hereby certifies, to the best of his knowledge and pursuant to 18 U.S.C. Section 1350, that:

- (1) the Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (the "Exchange Act"); and
- (2) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

February 19, 2025

/s/ James C. Foster
James C. Foster
Chairman, President and Chief Executive Officer
Charles River Laboratories International, Inc.

February 19, 2025

/s/ Flavia H. Pease
Flavia H. Pease
Corporate Executive Vice President and Chief Financial Officer
Charles River Laboratories International, Inc.

This certification shall not be deemed "filed" for any purpose, nor shall it be deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Exchange Act.