

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 31, 2022
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 Number 001-06605

EQUIFAX INC.

(Exact name of registrant as specified in its charter)	Georgia	58-0401110
	(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)
	1550 Peachtree Street N.W. Atlanta Georgia	30309
	(Address of principal executive offices)	(Zip Code)
	Registrant's telephone number, including area code: 404-885-8000	
	Title of each class	Trading Symbol
Securities registered pursuant to Section 12(b) of the Act:	Common Stock, \$1.25 par value per share	EFX
	Name of each exchange on which registered	
	New York Stock Exchange	

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

Indicate by check mark if Registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Exchange Act ("Act"). Yes No

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

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

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

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

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

Indicate by check mark whether the registrant 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.

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

As of June 30, 2022, the aggregate market value of Registrant's common stock held by non-affiliates of Registrant was approximately \$22,372,025,247 based on the closing sale price as reported on the New York Stock Exchange. At January 31, 2023, there were 122,488,001 shares of Registrant's common stock outstanding.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of Registrant's definitive proxy statement for its 2023 annual meeting of shareholders are incorporated by reference in Part III of this Form 10-K.

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PART I

ITEM 1. BUSINESS

Overview

Equifax Inc. is a global data, analytics and technology company. We provide information solutions for businesses, governments and consumers, and we provide human resources business process automation and outsourcing services for employers. We have a large and diversified group of clients, including financial institutions, corporations, government agencies and individuals. Our services are based on comprehensive databases of consumer and business information derived from numerous sources including credit, financial assets, telecommunications and utility payments, employment, income, educational history, criminal history, healthcare professional licensure and sanctions, demographic and marketing data. We use advanced statistical techniques, machine learning and proprietary software tools to analyze available data to create customized insights, decision-making and process automation solutions and processing services for our clients. We are a leading provider of e-commerce fraud and charge back protection services in North America as well as information and solutions used in payroll-related and human resource management business process services in the United States of America ("U.S."). For consumers, we provide products and services to help people understand, manage and protect their personal information and make more informed financial decisions. Additionally, we also provide information, technology and services to support debt collections and recovery management.

We currently operate in four global regions: North America (U.S. and Canada), Asia Pacific (Australia, New Zealand and India), Europe (the United Kingdom ("U.K."), Spain and Portugal) and Latin America (Argentina, Chile, Costa Rica, Dominican Republic, Ecuador, El Salvador, Honduras, Mexico, Paraguay, Peru and Uruguay). We maintain support operations in the Republic of Ireland, Chile, Costa Rica and India. We also have investments in consumer and/or commercial credit information companies through joint ventures in Cambodia, Malaysia and Singapore and have an investment in a consumer and commercial credit information company in Brazil. We previously had a joint venture in Russia that offered consumer credit services; however, during the third quarter of 2022, we completed the sale of this equity method investment.

Equifax was originally incorporated under the laws of the State of Georgia in 1913, and its predecessor company dates back to 1899. As used herein, the terms Equifax, the Company, we, our and us refer to Equifax Inc., a Georgia corporation, and its consolidated subsidiaries as a combined entity, except where it is clear that the terms mean only Equifax Inc.

We are organized and report our business results in three operating segments, as follows:

- **Workforce Solutions** — provides services enabling customers to verify income, employment, educational history, criminal justice data, healthcare professional licensure and sanctions of people in the U.S. (Verification Services), as well as providing our employer customers with services that assist them in complying with and automating certain payroll-related and human resource management processes throughout the entire cycle of the employment relationship, including unemployment cost management, employee screening, employee onboarding, tax credits and incentives, I-9 management and compliance, immigration case management, tax form management services and Affordable Care Act management services (Employer Services). Workforce Solutions has established operations in Canada, Australia and most recently in the U.K.
- **U.S. Information Solutions ("USIS")** — provides consumer and commercial information solutions to businesses in the U.S. including online information, decisioning technology solutions, identity management services, analytical services, e-commerce fraud and charge back protection services, portfolio management services, mortgage reporting and marketing services. We provide products to consumers in the U.S. to enable them to understand and monitor their credit and help protect their identity. We also sell consumer credit information to resellers who may combine our information with other information to provide direct-to-consumer monitoring, reports and scores.
- **International** — provides products and services similar to those available in the USIS operating segment but with variations by geographic region. We also provide information, technology and services to support debt collections and recovery management. In addition, we provide products to consumers in Canada, the U.K. and Australia to enable them to understand and monitor their credit and help protect their identity. This operating segment is comprised of our Asia Pacific, Europe, Latin America and Canada business units. It also includes our joint ventures in Cambodia, Malaysia and Singapore and investment in a consumer and commercial credit information company in Brazil.

Our Business Strategy

Our vision is to be a trusted global leader in data, analytics and technology that creates innovative solutions and insights for our customers. Our business strategy is driven by the following imperatives:

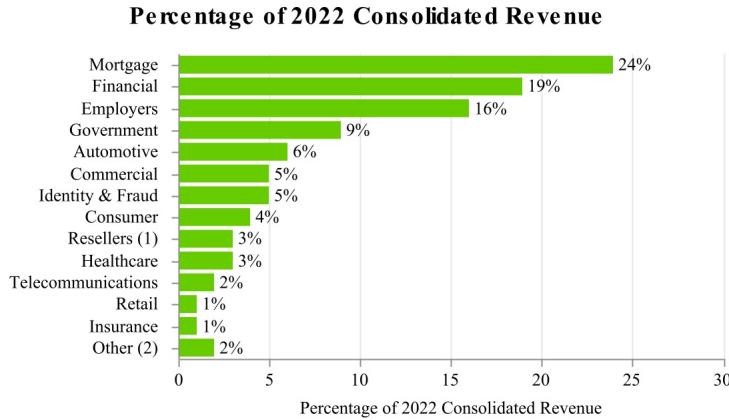
- **Leverage our Equifax cloud capabilities and technology investment to accelerate innovation, new products and growth.** We are executing a cloud data and technology transformation that is rebuilding our technology infrastructure, including a migration to a public cloud environment that employs virtual private cloud deployment techniques. We are rationalizing and rebuilding our application portfolio using cloud-native services. Our move to cloud-native technology is enabling the creation of our single data fabric and implementation of best-in-class cloud-based tools and capabilities. Our growth strategy is to leverage our cloud data and technology transformation to accelerate innovation and new product development; deliver market-leading capabilities to our customers; facilitate customer and partner implementation and integration; improve ease of consumer access to and interaction with Equifax; and strengthen system resiliency and uptime.
- **Leverage and expand our differentiated portfolio of data assets.** We use proprietary advanced analytical platforms, including capabilities in machine learning, artificial intelligence and advanced visualization tools, to leverage our unique data to develop leading analytical insights that enhance the precision of our customers' decisioning activities. Based on our cloud native data and technology transformation, we are investing to simplify our customers' access to our leading analytical and decisioning platforms, in order to speed the development of unique insights and the conversion of these insights into innovative new products and services consumable by our customers through our delivery platforms. We strive to advance these capabilities and bring our customers multi-data solutions at scale by expanding our unique and differentiated data assets and analytics through organic growth, business acquisitions and partnerships.
- **Foster a culture of customer centricity.** We are focused on maintaining a culture in which the customer is at the center of our decision processes and we exceed customer expectations by delivering solutions with speed, flexibility, stability and performance. We prioritize engagement with our customers and strive to accelerate innovation through our expanded customer focus and collaboration. We seek to leverage our cloud native technology and unique data assets and capabilities, as well as customer expertise and customer data and technology assets, to drive the development of high-value analytical products and services targeted at a broader range of customer needs. Our focus on customer centricity enables us to be more proactive in solving problems better and faster for customers while delivering enhanced operational readiness to provide a better customer experience.
- **Execute strategic acquisitions that expand our data portfolio and capabilities and drive revenue growth.** A critical lever of our strategy is inorganic growth through accretive and strategic acquisitions that drive incremental annual revenue growth. Our acquisition priorities are clear and focused on re-investing in bolt-on acquisitions that expand our unique differentiated data assets and solutions to strengthen and grow our core businesses. We continue to invest, including through acquisitions and partnerships, to expand our addressable markets and the data and capabilities we offer to solve customer challenges across the services we provide and to expand our access to differentiated data including across identity authentication, fraud mitigation and risk management. We believe there are opportunities to continue to expand in the U.S. and internationally, across the existing financial, mortgage, telecommunications, automotive, insurance, talent management, human resource services, government and other markets that we serve, as well as in new and emerging market segments.
- **Continue our leadership in data security.** We are committed to being an industry leader in security. We have built an Equifax culture that prioritizes security, and we consider data and technology security, and more broadly risk management, as a primary requirement in all decisions. We make extensive use of advanced data and technology security tools, techniques, services and processes in order to enhance our ability to protect the information with which we are entrusted. We are committed to working openly with our peers, customers, and partners to tackle emerging security challenges, document best practices, provide vital data security thought leadership and work together to deliver solutions that benefit both the security community and consumers.
- **Build a world-class Equifax team by investing in talent to drive our strategy and promote a culture of innovation.** At Equifax, we are committed to nurturing a culture where diverse talent thrives. We are focused on providing meaningful opportunities for career advancement and development, fostering an inclusive work

environment, and promoting employee engagement and recognition. We leverage our enterprise-wide talent initiatives to develop, retain and attract a highly-qualified workforce in order to promote our culture of innovation, add diverse perspectives and deliver on our business strategy.

We seek to enhance shareholder value through the disciplined execution of these imperatives and by positioning our Company as a global data, analytics and technology leader with industry-leading security.

Markets and Clients

Our products and services serve clients across a wide range of verticals, including mortgage, financial services, employers, government (state, federal and local), automotive, commercial, identity and fraud, consumer, resellers, healthcare, telecommunications, retail and insurance. We also serve consumers directly. Our revenue streams are highly diversified with our largest client providing approximately 2% of total revenue. The following table summarizes the various end-user markets we serve:



1. Predominantly sold to companies who serve the direct-to-consumer market and includes other small end user markets. Mortgage and auto resellers are excluded from this category as they are included within their respective categories above.
2. Other includes revenue from other miscellaneous end-user markets.

We market our products and services primarily through our own direct sales organization that is structured around sales teams that focus on client segments typically aligned by vertical markets and geography. In the U.S., the vertical market sales teams for the Mortgage, Financial, Government and Automotive markets sell products from both the USIS and Workforce Solutions business units. Sales groups are based in field offices located throughout the U.S., including our headquarters in Atlanta, Georgia, and in the countries where we have operations. We also market our products and services through indirect channels, including alliance partners, joint ventures and other resellers. In addition, we market our products directly to consumers through e-commerce channels.

Revenue from international clients, including end users and resellers, amounted to 22% of our total revenue in 2022, 22% of our total revenue in 2021 and 23% of our total revenue in 2020.

Products and Services

Our products and services help our clients make more informed decisions with higher levels of confidence by leveraging a broad array of data assets. Analytics are used to derive insights from the data that are most relevant for the client's decisioning needs. The data and insights are then processed through proprietary software and generally transmitted to the client's operating system to execute the decision.

The following chart summarizes the key products and services offered by each of the business units within our segments:

	Workforce Solutions		USIS			International			
	Verification Services	Employer Services	Online Information Solutions	Financial Marketing Services	Europe	Asia Pacific	Latin America	Canada	
Online data	X		X		X	X	X	X	X
Portfolio management services	X		X	X	X	X	X	X	X
Analytical services	X	X	X	X	X	X	X	X	X
Technology services			X		X	X	X	X	X
Identity verification services	X	X	X		X	X	X	X	X
Fraud management services	X	X	X		X	X	X	X	X
Marketing services				X	X	X	X	X	X
Direct-to-consumer credit monitoring		X	X		X	X	X	X	X
Employment and income verification services	X					X			X
Talent management	X	X							
Business process outsourcing (BPO)	X	X				X		X	X
Debt collection software, services and analytics					X	X	X		X

Each of our operating segments is described more fully below. For the operating revenue, operating income and total assets for each segment, see Note 13 of the Notes to the Consolidated Financial Statements in Item 8 of this report.

Workforce Solutions

Workforce Solutions operates in the U.S. through two business units:

Verification Services. Verification Services include employment, income, educational history, criminal history, healthcare professional licensure and sanctions verification services. Our online verification services enable third-party verifiers including various governmental agencies, mortgage originators, credit card and automotive lenders and pre-employment screeners to verify the employee's employment status and income information. We also offer an offline manual verification service, which expands employment verification to locate data outside our existing automated database. We also offer various government direct data services, where we process tax forms on behalf of our customers with the applicable government agency. In addition, Verification Services administers a comprehensive source of incarceration, justice and people-based risk intelligence data.

Employer Services. These services are aimed at reducing the cost of the human resources function of businesses through a broad suite of services, including assisting with employment tax matters designed to reduce the cost of unemployment claims through effective claims representation and management and efficient processing to better manage the tax rate that employers are assessed for unemployment taxes; comprehensive services designed to research the availability of employment-related tax credits (e.g., federal work opportunity tax credits and employee retention credits), and to process the necessary filings and assist the client in obtaining the tax credit; tax form management services (which include initial distribution, reissuance and correction of W-2 and 1095-C forms); paperless pay services that enable employees to electronically receive pay statement information as well as review and change direct deposit account or W-4 information; I-9 management services designed to help clients electronically comply with the immigration laws that require employers to complete an I-9 form for each new hire; immigration case management services; onboarding services using an online platform to complete the new hire process for employees of corporations and government agencies; and identity theft protection services. In addition, we provide software and services to employers to assist in their compliance with the Affordable Care Act.

The Work Number® is our key repository of employment and income data serving our Verification Services business unit. We rely on payroll data received from over two million organizations to regularly update the database. The updates occur as employers and other data contributors transmit data electronically to Equifax from their payroll systems. Employers provide this data to us so that we can handle verification requests on behalf of each employer. We use this data to provide automated employment and income verification services to verifiers, who are lenders, employers/background screeners, and government agencies.

The fees we charge for services in these two business units are generally on a per transaction basis. We have not experienced significant turnover in the employer contributors to the database because we generally do not charge them to add

their employment data to The Work Number® database, and the verification service we offer relieves them of the administrative burden and expense of responding to third-party employment verification requests while providing them with the assurance that the process is automated and not subject to human interpretation. The Work Number® database held over 600 million current and historic employment records at December 31, 2022.

Workforce Solutions has established an income and employment verification service in Canada, Australia, and the U.K., known as Verification Exchange. At present, revenues from these services in all three regions mentioned are insignificant.

USIS

USIS provides consumer and commercial information solutions to businesses in the U.S. through three product and service lines, as follows:

Online Information Solutions. Online Information Solutions' products are derived from multiple large and comprehensive databases of consumer and commercial information that we maintain about individual consumers and businesses, including credit history, current credit status, payment history, address and other identity information. Our clients utilize the information and analytical insights we provide to make decisions for a broad range of financial and business purposes, such as whether, and on what terms, to approve auto loans or credit card applications, and whether to allow a consumer or a business to open a new utility or telephone account. In addition, this information is used by our clients for cross-selling additional products to existing customers, improving their underwriting and risk management decisions, and authenticating and verifying consumer and business identities. We also sell consumer and credit information to resellers who may combine our information with other information to provide services to the financial, mortgage, fraud and identity management, and other end-user markets. Our software platforms and analytical capabilities can integrate all types of information, including third-party and client information, to enhance the insights and decisioning process to help further mitigate the risk of granting credit, predict the risk of bankruptcy, indicate the applicant's risk potential for account delinquency, ensure the identity of the consumer and reduce exposure to fraud. Identity verification and fraud management products combine financial and non-financial identity information and activity to provide identity verification and authentication services, to assist customers in assessing the risk of loss due to account takeover, identity theft and chargebacks. These risk management services enable our clients to monitor risks and opportunities and proactively manage their portfolios.

Online Information Solutions' clients access products through a full range of electronic distribution mechanisms, including direct real-time access, which facilitates instant decisions. We also develop and host customized applications that enhance the decision-making process for our clients. These decisioning technology applications assist with a wide variety of decisioning activities, including determining pre-approved offers, cross-selling of various products, determining deposit amounts for telephone and utility companies and verifying the identity of their customers. We have also compiled commercial databases regarding businesses in the U.S., which include loan, credit card, public records and leasing history data, trade accounts receivable performance and Secretary of State and Securities and Exchange Commission registration information. We offer scoring and analytical services that provide additional information to help mitigate the credit risk assumed by our clients.

Online Information Solutions also includes our consumer solutions product suite that give U.S. consumers information to enable them to understand and monitor their credit to monitor and help protect their identity. Equifax products offer monitoring features for consumers who are concerned about identity theft, including credit report monitoring from all three credit bureaus, internet scanning, bank account monitoring and lost wallet support. Products may also be available indirectly through relationships with business partners who distribute our products or provide these services to their employees or customers. We also sell consumer credit information to resellers who may combine our information with other information to provide direct-to-consumer monitoring, reports and scores.

Mortgage Solutions. Our Mortgage Solutions products, offered in the U.S., consist of specialized credit reports that combine information from the three major consumer credit reporting agencies (Equifax, Experian and TransUnion) into a single "merged" credit report in an online format, commonly referred to as a tri-merge report. Mortgage lenders use these tri-merge reports in making their mortgage underwriting decisions. Additionally, we offer services designed to alert lenders to changes in a consumer's credit status during the underwriting period and securitized portfolio risk assessment services for evaluating inherent portfolio risk.

Financial Marketing Services. Our Financial Marketing Services products utilize consumer and commercial financial information enabling our clients to more effectively manage their marketing efforts, including targeting and segmentation, to identify and acquire new clients for their products and services; to develop portfolio strategies to minimize risk and maximize profitability; and to realize additional revenue from existing customers through more effective cross-selling of additional

products and services. Our products are also utilized by customers to support digital identity verification and fraud detection and protection. These products utilize information derived from consumer and commercial information, including credit, income, asset, liquidity, net worth and spending activity, which also support many of our Online Information Solutions' products. These data assets broaden the understanding of consumer and business financial potential and opportunity, which can further drive high value decisioning and targeting solutions for our clients. We also provide account review services, which assist our clients in managing their existing customers and prescreen services that help our clients identify new opportunities with their customers. Clients for these products primarily include institutions in the banking, brokerage, retail, insurance and mortgage industries as well as companies primarily focused on digital and interactive marketing.

International

The International operating segment includes our Asia Pacific, Europe, Latin America and Canada business units. It also includes our joint ventures in Cambodia, Malaysia and Singapore and investment in a consumer and commercial credit information company in Brazil. These business units offer products that are similar to those available in the USIS operating segment, but with variations by geographic region. In some jurisdictions, data sources tend to rely more heavily on government agencies than in the U.S. We also offer specialized services that help our customers better manage risk in their consumer portfolios. This operating segment's products and services generate revenue in Argentina, Australia, Canada, Chile, Costa Rica, Ecuador, El Salvador, Honduras, Dominican Republic, India, Mexico, New Zealand, Paraguay, Peru, Portugal, Spain, the U.K. and Uruguay. We also maintain support operations in the Republic of Ireland, Chile, Costa Rica, and India. We have investments in consumer and/or commercial credit information companies through joint ventures in Cambodia, Malaysia and Singapore and have an investment in a consumer and commercial credit information company in Brazil. We also provide information, technology and services to support debt collections and recovery management in Asia Pacific, Europe, Canada and Latin America.

Asia Pacific. Our Asia Pacific operation provides consumer and commercial information solutions products, marketing products, workforce solutions, and consumer credit protection products. We offer a full range of products, generated from credit records and other data, including credit reporting and scoring, decisioning technology, risk management, identity management, authentication and fraud detection services. Our consumer and commercial products are the primary source of revenue in each of the countries in which we operate and include credit reporting, decisioning tools and risk management services. We also provide information, technology and services to support debt collections and recovery management. Additionally, we provide a variety of consumer and commercial marketing products generated from information databases, including business profile analysis, business prospect lists and database management. The countries in which we operate include Australia, New Zealand and India, as well as Cambodia, Malaysia and Singapore through joint ventures.

Europe. Our Europe operation provides information solutions, fraud detection services, debt collection services and marketing products. Information solutions and fraud products are generated from information that we maintain and include credit reporting and scoring, asset information, risk management, identity management and authentication services and fraud detection and modeling services. These products are sold in the U.K. and Spain. Limited marketing products are available in the U.K. and, to a lesser extent, in Spain. We also provide information, technology and services to support debt collections and recovery management in the U.K. and Spain. In the U.K., this includes a contract to provide these services to the U.K. government.

Latin America. Our Latin America operation provides consumer and commercial information solutions products, marketing products and consumer credit protection products. We offer a full range of products, generated from credit records that we maintain, including credit reporting and scoring, decisioning technology, risk management, identity management, authentication and fraud detection services. Our consumer products are the primary source of revenue in each of the countries in this region in which we operate, with the exception of Mexico where debt management services constitute the core of the business. We also offer various commercial products, which include credit reporting, decisioning tools and risk management services, in the countries we serve. We also provide information, technology and services to support debt collections and recovery management. Additionally, we provide a variety of consumer and commercial marketing products generated from our credit information databases, including business profile analysis, business prospect lists and database management. The countries in this region in which we operate include Argentina, Chile, Costa Rica, Dominican Republic, Ecuador, El Salvador, Honduras, Mexico, Paraguay, Peru and Uruguay. We also have an investment in a consumer and commercial credit information company in Brazil.

Canada. Similar to the USIS business units, our Canada operation offers products derived from the credit information that we maintain about individual consumers and businesses. We offer many products in Canada, including credit reporting and scoring, consumer and commercial marketing, risk management, fraud detection and modeling services, identity management and authentication services, together with certain of our decisioning products that facilitate pre-approved offers of credit and

automate a variety of credit decisions. We also provide information, technology and services to support debt collections and recovery management, as well as data, technology and services to facilitate the search of land data and process real estate transactions in Canada.

Competition

The market for our products and services is highly competitive and is subject to constant change. Our competitors vary widely in size and in the nature of the products and services they offer. Sources of competition are numerous and include the following:

- Competition in the Verification Services market, for both the U.S. and key International segments of Australia, Canada and the U.K., includes employers who manage verifications in-house, lenders who obtain verifications directly from employers, and other online and offline verification companies, such as Experian, Thomas & Company and niche providers. Third parties may also seek to obtain verifications directly from employees by leveraging paper copies of information or by seeking employee credentials to access information systems. Competition in the U.S. Employer Services market is diverse and includes in-house management of such services or the outsourcing of one or more of such services to other third-party outsourced providers like Experian and Thomas & Company; human resources consulting firms such as Mercer and Towers Watson; human resources management services providers such as Workday, Oracle and SAP; payroll processors such as ADP, Paychex and Ceridian; accounting firms such as PwC and EY; and hundreds of smaller companies that provide one or multiple offerings that compete with our Employer Services business.
- Competition for our credit information solutions and direct-to-consumer solutions products varies by both application and industry, but generally includes two global consumer credit reporting companies, Experian and TransUnion, both of which offer a product suite similar to our credit information solutions. In the U.S., LifeLock is a national provider of personal identity theft protection service. Also, there are competitors offering free credit scores including Credit Karma in the U.S., Canada and the U.K., ClearScore in the U.K., and Credit Simple and Credit Savvy in Australia. There are also a large number of competitors who offer competing products in specialized areas (such as fraud prevention, risk management and application processing and decisioning solutions) and software companies offering credit modeling services or analytical tools. Our differentiators include our unique data assets, decisioning technology and the features and functionality of our analytical capabilities. We emphasize our improved decision making and product quality while remaining competitive on price. We also compete with Fair Isaac Corporation with respect to certain of our analytical tools and solutions and LexisNexis in identity and fraud and other solutions.
- Competition for our commercial solutions products primarily includes Experian, Dun & Bradstreet and Moody's, and providers of these services in the international markets we serve.
- Competition for our debt collection and recovery management software, services and analytics is spread across a number of providers. We believe that the breadth and depth of our data assets enable our clients to develop a more current and comprehensive view of consumers. In the category of platforms and analytics, we compete to some extent with entities that deploy collections platforms, account management systems or recovery solutions.

While we believe that none of our competitors offers the same mix of products and services as we do, certain competitors may have a larger share of particular geographic or product markets or operate in geographic areas where we do not currently have a presence.

We assess the principal competitive factors affecting our markets to include: our ability to protect information and systems; product attributes such as quality, depth, coverage, adaptability, scalability, interoperability, functionality and ease of use; product price; technical performance including system response time and availability; access to unique proprietary databases; quickness of response, flexibility and client services and support; effectiveness of sales and marketing efforts; existing market penetration; proprietary technology; and new product innovation.

Technology and Intellectual Property

We rely on various intellectual property laws, confidentiality procedures and contractual provisions to protect strategic or valuable intellectual property developed in connection with our business. We register, and apply for registration of, certain intellectual property in the U.S. and several foreign countries under applicable patent laws. We also have registered and common law trademarks, service marks, logos and internet domain names in the U.S. and in many foreign countries, the most

important of which include “Equifax,” “The Work Number,” “Interconnect,” “Equifax Ignite,” and variations thereof. These marks are used in connection with many of our product lines and services. Our intellectual property rights are generally important to our operations and competitive position, but no single intellectual property right or group of intellectual property rights is solely responsible for protecting our businesses. Certain Company trademarks, including the “Equifax” trademark, which contribute to our brand identity and the recognition of our products and services, are more important to our business, and their loss could have a significant negative impact on us.

We license other companies to use certain data, software and other technology and intellectual property rights we own or control, primarily as core components of our products and services, on terms that are consistent with customary industry standards and that are designed to protect our interest in our intellectual property. Other companies license us to use certain data, technology and other intellectual property rights they own or control. For example, we license credit-scoring algorithms and the right to sell credit scores derived from those algorithms from third parties for a fee. We do not hold any franchises or concessions that are material to our business or results of operations.

Governmental Regulation

We are subject to a number of U.S. federal, state, local and foreign laws and regulations that involve matters central to our business. These laws and regulations may involve consumer reporting, privacy, data protection, intellectual property, competition, consumer protection, anti-corruption, anti-bribery, anti-money laundering, employment, health, taxation or other subjects. In particular, we are subject to U.S. federal, state, local and foreign laws regarding the collection, protection, dissemination and use of personal information we collect, process or otherwise have in our possession. Failure to satisfy those legal and regulatory requirements, or the adoption of new laws or regulations, could have a significant negative impact on our results of operations, financial condition or liquidity.

U.S. federal, state, local and foreign laws and regulations are evolving and can be subject to significant change. In addition, the application and interpretation of these laws and regulations are often uncertain. These laws are enforced by federal, state and local regulatory agencies in the jurisdictions where we operate, and in some instances also through private civil litigation. There are also a number of legislative proposals pending before the U.S. Congress, various state legislative bodies and foreign governments concerning consumer and data protection that could particularly affect us.

Summary of U.S. Regulations Relating to Consumer and Data Protection

Our U.S. operations are subject to numerous laws and regulations governing the collection, protection and use of consumer credit and other information, and imposing sanctions for the misuse of such information or unauthorized access to data. Many of these provisions also affect our customers’ use of consumer credit or other data we furnish. Examples of the most significant U.S. laws include, but are not limited to, the following:

Federal Laws and Regulation

- **FCRA.** The Fair Credit Reporting Act (“FCRA”) regulates consumer reporting agencies, including many of our U.S. operations, as well as data furnishers and users of consumer reports such as banks and other companies. FCRA provisions govern the accuracy, fairness and privacy of information in the files of consumer reporting agencies (“CRAs”) that engage in the practice of assembling or evaluating certain information relating to consumers for certain specified purposes. Among other requirements, the FCRA limits the type of information that may be reported by CRAs, limits the distribution and use of consumer reports and establishes consumer rights to access, freeze and dispute information in the consumer’s files. CRAs are required to follow reasonable procedures to assure maximum possible accuracy of the information concerning the individual about whom the report relates and if a consumer disputes the accuracy of any information in the consumer’s file, to conduct a reasonable reinvestigation. The Consumer Financial Protection Bureau (“CFPB”) is the primary regulator that enforces and provides regulatory guidance related to the FCRA in the United States. CRAs are required to comply with regulations promulgated by the CFPB and are subject to regular supervisory engagements related to a variety of FCRA requirements. Violation of the FCRA can result in civil and criminal penalties. The FCRA contains an attorney fee shifting provision to provide an incentive for consumers to bring individual or class action lawsuits against a CRA for violations of the FCRA. The United States Federal Trade Commission (“FTC”) and state attorneys general may also enforce the requirements of the FCRA.
- **Dodd-Frank Act.** Title X of the Dodd-Frank Wall Street Reform and Consumer Protection Act (“Dodd-Frank Act”) created the CFPB. The Dodd-Frank Act provides the CFPB with examination and supervisory authority over CRAs, including us. The Dodd-Frank Act prohibits unfair, deceptive or abusive acts or practices (“UDAAP”)

with respect to consumer financial services practices and provides the CFPB with enforcement authority to enforce those provisions. Among other areas, the CFPB's UDAAP authority extends to the security measures we employ to safeguard the personal data of consumers. Allegations that we failed to safeguard or handle such data in a compliant manner may subject us to CFPB enforcement action. The CFPB may pursue administrative proceedings or litigation to enforce the laws and rules subject to its jurisdiction. In these proceedings, the CFPB can obtain cease and desist orders, which can include orders for restitution to consumers or rescission of contracts, as well as other types of affirmative relief and monetary penalties ranging from \$5,000 per day for ordinary violations and up to \$1 million per day for known violations. Also, the Dodd-Frank Act empowers state attorneys general and state regulators to bring civil actions in certain circumstances for the kind of cease and desist orders available to the CFPB (but not for civil penalties).

- **FTC Act.** The Federal Trade Commission Act ("FTC Act") prohibits unfair methods of competition and unfair or deceptive acts or practices. Under the FTC Act, the FTC's jurisdiction includes the ability to bring enforcement actions based on the security measures we employ to safeguard the personal data of consumers. Allegations that we failed to safeguard or handle such data in a reasonable manner may subject us to regulatory scrutiny or enforcement action. There is no private right of action under the FTC Act.
- **GLBA.** The Financial Services Modernization Act of 1999, or Gramm-Leach-Bliley Act ("GLBA"), regulates, among other things, the use of non-public personal information of consumers that is held by financial institutions, including us. We are subject to various GLBA provisions, including rules relating to the use or disclosure of the underlying data and rules relating to the physical, administrative and technological protection of non-public personal financial information. Breach of the GLBA can result in civil and/or criminal liability and sanctions by regulatory authorities. Regulatory enforcement of the GLBA is under the purview of the FTC, the CFPB, the federal prudential banking regulators, the SEC and state attorneys general, acting alone or in concert with each other.
- **CROA.** The Credit Repair Organizations Act ("CROA") regulates companies that claim to be able to assist consumers in improving their credit standing. There have been efforts to apply the CROA to credit monitoring services offered by CRAs and others. The CROA allows for a private right of action. Consumers can sue to recover the greater of the amount paid or actual damages, punitive damages, costs, and attorney's fees for violations of the CROA.

State Laws and Regulations Relating to Consumer and Data Protection

- A number of states have enacted requirements similar to the federal FCRA. Some of these state laws impose additional, or more stringent, requirements than the FCRA, especially in connection with investigations and responses to reported inaccuracies in consumer reports. The FCRA preempts some of these state laws, but the scope of preemption continues to be defined by the courts. The state of Vermont is grandfathered under the original FCRA requirements and thus we are subject to additional requirements to comply with Vermont law.
- All fifty states have adopted versions of data security breach laws that require notification to affected consumers and potentially regulators or law enforcement authorities in the event of a breach of personal information. A subset of these laws and other state laws require the implementation of data security measures as well. State attorneys general can enforce such state laws and can seek equitable as well as monetary remedies and in some cases private rights of action are permitted by such laws.
- The New York State Department of Financial Services ("NYDFS") has enacted extensive regulatory requirements applicable to CRAs that require registration with that agency, prohibit unfair and deceptive consumer practices and require compliance with significant portions of the NYDFS cybersecurity rules.
- We or certain of our operations are also subject to and affected by new and evolving state privacy and data security laws such as data broker registration requirements in California and Vermont, and the California Consumer Privacy Act ("CCPA"). The CCPA became effective January 1, 2020 and imposes additional data privacy requirements on many businesses operating in the state, including, potentially, with respect to employee data in addition to consumer data. The CCPA expansively defines "personal information" and imposes new notice requirements relating to the collection, use and sharing of personal information. It provides consumers with extensive rights, including the right to access the categories and specific pieces of personal information businesses collect, the right to request businesses delete information, and the right to opt-out of "sales" of personal information with sales being defined under the CCPA to include monetary and non-monetary valuable

consideration. The CCPA also contains a private right of action in the event that a business suffers a security breach that was due to unreasonable security measures. In November 2020, California voters passed the California Privacy Rights Act (“CPRA”), which maintains the core framework but expanded the requirements of the CCPA effective January 1, 2023. We may also become subject to and affected by new and proposed state privacy laws similar to the CCPA and CPRA, such as the Virginia Consumer Data Protection Act (“VCDPA”) which became effective January 1, 2023, and the Colorado Privacy Act (“CPA”) which becomes effective July 1, 2023. A number of other state legislatures, including New York, Florida and Washington, have introduced comprehensive data privacy legislation modeled after, and which contain certain elements of, the CCPA, VCDPA or the European Union’s General Data Protection Regulation (“GDPR”), which is an extremely broad privacy law. Additional state legislatures are expected to consider similar legislation in 2023. If enacted, such laws may contain variations and impose new compliance risks and obligations on us.

- State banking and financial services regulatory agencies have asserted either express or implied authority under applicable state laws to examine us as a third-party service provider to financial institutions, and in certain cases to bring enforcement actions against us. Generally, such examinations, and related enforcement actions, are focused on assessing our safety and soundness in support of financial institutions we serve. In 2018, we entered into a consent order with certain state banking regulators in response to their multi-state review of our information security program. This consent order obligated us to, among other things, make certain changes to our corporate governance and information security practices.
- We are also subject to federal and state laws that are generally applicable to any U.S. business with national or international operations, such as antitrust laws, the Foreign Corrupt Practices Act, the Americans with Disabilities Act, state unfair or deceptive practices acts and various employment laws. We continuously monitor legislative and regulatory activities that involve credit reporting, data privacy, security and other relevant issues to identify issues in order to remain in compliance with all applicable laws and regulations.

Consent Orders with the FTC, CFPB, MSAG Group and NYDFS

- As part of the Consumer Settlement (as defined below), we entered into consent orders with the FTC, CFPB, MSAG Group (as defined below) and NYDFS pursuant to which we agreed to implement certain business practice commitments related to consumer assistance and our information security program, including third party assessments of our program. These business practice commitments are extensive and require a significant amount of attention from management.

Summary of International Regulations Relating to Consumer and Data Protection

We are subject to various data protection, privacy and consumer credit laws and regulations in the foreign countries where we operate. Examples of the most significant of these laws include, but are not limited to, the following:

- **In the U.K.**, we are subject to a regulatory framework that provides for regulation by the Financial Conduct Authority (the “FCA”). The FCA focuses on consumer protection, the integrity of the U.K. financial system, and effective competition in the interests of consumers. The FCA has significant powers, including the power to regulate conduct related to the marketing of financial products, to specify minimum standards and to place requirements on products, impose unlimited fines, and to investigate organizations and individuals. In addition, the FCA is able to ban financial products for up to a year while considering an indefinite ban; it has the power to instruct firms to immediately retract or modify promotions which it finds to be misleading, and to publish such decisions. Our core credit reporting and debt collections services and recovery management businesses in the U.K. are subject to FCA supervision. In July 2022, the FCA set out final rules and guidance for a new Consumer Duty that will set higher expectations for the standard of care firms give consumers. In addition to regulation by the FCA, we are also subject to regulation by the U.K. Information Commissioner’s Office, which focuses on upholding information rights in the public interest and the protection of data privacy for individuals.

In the U.K., we are subject to provisions that are broadly equivalent to the European Union’s General Data Protection Regulation (described below). These equivalent provisions were adopted into U.K. laws following the end of the transition period that followed the U.K.’s exit from the EU.

- **In Europe**, we are subject to the EU’s GDPR, which is an extremely broad and sweeping privacy law. The GDPR establishes multiple privacy and data protection requirements that are more specific and comprehensive than those of the U.S. and most other countries where Equifax operates. In addition, the GDPR includes data breach

notification requirements and it establishes the ability of regulators to pursue substantial penalties for non-compliance. In addition to the GDPR, each EU member state may include specific requirements regarding personal data breaches in its local data protection regulations.

- **In Canada**, federal and provincial laws govern how we collect, use or disclose personal information in the course of our commercial activities. Federally, the Personal Information Protection and Electronic Documents Act (“PIPEDA”) governs the collection, use and disclosure of personal information by organizations in the private sector. Businesses must follow the fair information principles set forth in PIPEDA to protect personal information, including: accountability, identifying purposes, consent, limiting collection, limiting use, disclosure and retention, accuracy, safeguards, openness, individual access and compliance. It sets out specific obligations with respect to accountability and identifying purposes, consent, collection, use, disclosure, retention, accuracy, safeguards, personal data breach reporting, individual access and compliance. Alberta, British Columbia and Quebec privacy legislation sets out similar privacy laws and rules that apply to our Canadian business. The federal and provincial privacy regulators have powers of investigation and intervention, and provisions of Canadian law regarding civil liability apply in the event of unlawful processing which is prejudicial to the persons concerned. Canada also has specific credit reporting legislation that is regulated at a provincial level. At present, each province has credit reporting legislation, with the exception of the Territories (Northwest Territories, Yukon, and Nunavut). Generally speaking, the legislation regulates the contents of credit files, the length of time information can be included on a credit file, who can receive credit reports and consumer rights pertaining to the maintenance of credit reports.
- **In Latin America**, data protection and credit reporting laws and regulations vary considerably among Latin American countries. Some countries, such as El Salvador, Paraguay, Chile and Honduras, establish a constitutional right to privacy without general data protection standards or a data protection authority. These countries, however, have laws that govern the functioning of credit bureaus. Other countries, such as Argentina, Uruguay, Peru, Costa Rica, Mexico and most recently Brazil have enacted comprehensive data protection legislation similar to the EU's GDPR. The EU recognizes Argentina and Uruguay as having adequate levels of protection for personal data transfers and processing.
- **In Australia**, we are subject to regulatory oversight by various agencies. The Office of the Australian Information Commissioner (“OAIC”) is the agency with direct responsibility for administering the Australian Privacy Principles (which relate to the collection, holding, use and disclosure of personal information) and Part IIIA of the Privacy Act 1988 (which regulates credit reporting). The OAIC can investigate a complaint, conduct its own investigations, resolve/make binding determinations and seek civil penalties. Our credit reporting business, Equifax Information Services and Solutions, is a member of an external dispute resolution scheme, the Australian Financial Complaints Authority, which has been approved by the OAIC to handle privacy and credit reporting complaints and make binding determinations. The OAIC can register codes of practice under the Privacy Act 1988, and has registered the Privacy (Credit Reporting) Code 2014. The Australian Competition and Consumer Commission (“ACCC”) is the agency responsible for enforcing the Competition and Consumer Act of 2010 and related legislation concerning consumer protection and competition. The ACCC has the authority to use a range of actions to ensure compliance with the law, including investigative powers and the ability to seek penalties through litigation and other formal enforcement means. The Australian Retail Credit Association is a credit and credit reporting industry self-regulatory body, which administers principles and standards for the exchange of credit data between industry participants. Equifax Australasia Credit Ratings Pty Limited (formerly named Corporate Scorecard Pty Limited, one of our Australian subsidiaries) holds an Australia Financial Services License, which allows it to provide general advice to wholesale clients by issuing a credit rating, and has been approved in New Zealand as a rating agency by the Reserve Bank of New Zealand under section 86 of the Non-bank Deposit Takers Act of 2013 (NZ). The Australian Securities and Investments Commission regulates corporations and has authority to investigate, prosecute, ban individuals and to seek civil penalties. New federal legislation came into effect in February 2021 mandating the supply by banks of comprehensive credit information to credit reporting bodies, including Equifax, imposing certain disclosure, storage and reporting obligations on the credit reporting bodies, requiring the provision by credit reporting bodies of free credit reports to consumers up to four times per year, permitting the reporting of financial hardship information within the credit reporting system and requiring the Attorney-General to review and report on the credit reporting system before October 1, 2024.
- **In New Zealand**, the regulatory framework provides for primary regulation under the Privacy Act 2020. The Office of the Privacy Commissioner (“NZ OPC”) investigates complaints relating to the collection, use, holding and disclosure of personal information, both credit-related and non-credit related. The NZ OPC can make a finding that there has been an interference with privacy but cannot impose civil penalties for this. In extreme cases where there has been an interference with privacy, it can refer these cases to the Director of Human Rights for

determination in the Human Rights Review Tribunal. The NZ OPC can issue practice codes under the Privacy Act 2020 and has issued and subsequently amended the Credit Reporting Privacy Code 2020. The Privacy Act 2020 contains mandatory data breach reporting. The Retail Credit Association of New Zealand is an industry association which addresses reciprocity of data issues relating to comprehensive credit reporting and data standards.

- **In India**, various legislation including the Information Technology Act of 2000 and rules framed thereunder and the Credit Information Companies (Regulation) Act of 2005 and rules and regulations framed thereunder, establishes a federal data protection framework. Entities that collect and maintain personal data and/or credit information must ensure that it is complete, accurate and safeguarded, and must adopt certain privacy principles with respect to collecting, processing, preserving, sharing and using such data and/or credit information. The Indian parliament is expected to pass legislation that provides greater protection to individuals' personal data. To this end, in November 2022, Indian legislators introduced the Digital Personal Data Protection Bill (2022). The Digital Personal Data Protection Bill (2022) is expected to be considered in 2023 with amendments. This bill is expected to be enacted and eventually to impose additional privacy and data security requirements. Our Indian business is subject to regulation by the Reserve Bank of India, which is India's central banking institution.

Summary of Regulations Affecting our Employer Services Business

The Employer Services business unit within our Workforce Solutions business segment helps employers comply with various regulatory frameworks applicable to employers in the United States. As a result, changes to those regulatory frameworks could impact the services we provide. For instance, if the federal government or a state government mandates the use of E-Verify, our I-9 service may be impacted if the federal government changes the requirements for individuals to work in the U.S. The Unemployment Cost Management service could be impacted if a state government changes the requirements for employers to process and/or protest unemployment claims. The Tax Management Services business within our Employer Services business is potentially impacted by changes in renewal or non-renewal of U.S. federal and state tax laws or interpretations, for example, those pertaining to work opportunity tax credits and unemployment compensation claims.

Human Resources

Our People

Equifax employed approximately 14,000 employees in 24 countries as of December 31, 2022. Our global employee base consisted of approximately 3,900 employees in our Workforce Solutions business unit, 2,500 employees in our USIS business unit, 4,500 employees in our International business unit and 3,100 employees in our corporate Centers of Excellence. In 2022, we hired approximately 4,100 new employees and promoted approximately 2,500 employees as we continue to grow and transform our businesses around the world.

Inclusion and Diversity

We continue to make positive strides in support of our inclusion and diversity strategy. Our Chief Talent and Diversity Officer occupies a key leadership position, reporting directly to our Chief Human Resources Officer, and is responsible for activating our talent strategy with a focus on furthering an inclusive and diverse workforce and culture. We are advancing this strategy through deepening our commitment to employee networks around the world, open dialogues to enhance understanding, ongoing inclusion and diversity-focused training and cultural heritage celebrations.

We have consistently improved enterprise-wide trends around representation and promotions for both women and employees of diverse ethnic backgrounds, and pride ourselves on promoting and hiring highly-qualified candidates who enhance our culture, add diverse perspectives and deliver on our business strategy. Women and leaders of diverse ethnic backgrounds make up approximately half of Equifax's senior leadership team. Consistent with our commitment to diversity, we have expanded the requirements for diverse candidate interview slates for all professional and management roles.

Forward-Looking Statements

This report contains information that may constitute “forward-looking statements.” Generally, the words “believe,” “expect,” “intend,” “estimate,” “anticipate,” “project,” “will,” “may” and similar expressions identify forward-looking statements, which generally are not historical in nature. All statements that address future operating performance and events or developments that we expect or anticipate will occur in the future, including statements relating to future operating results, improvements in our information technology and data security infrastructure, including as a part of our cloud data and technology transformation, our strategy, the expected financial and operational benefits, synergies and growth from our acquisitions, changes in U.S. and worldwide economic conditions, such as rising interest rates and inflation, that materially impact consumer spending, consumer debt and employment and the demand for Equifax’s products and services, our culture, our ability to innovate, the market acceptance of new products and services and similar statements about our business plans are forward-looking statements. Management believes that these forward-looking statements are reasonable as and when made. However, forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially from the Company’s historical experience and our present expectations or projections, including without limitation our expectations regarding the Company’s outlook, long-term organic and inorganic growth, and customer acceptance of our business solutions referenced above under “Item 1. Business” and below in “Item 7. Management’s Discussion and Analysis of Financial Condition and Results of Operation — Business Overview.” These risks and uncertainties include, but are not limited to, those described below in “Item 1A. Risk Factors,” and elsewhere in this report and those described from time to time in our future reports filed with the United States Securities and Exchange Commission (“SEC”). As a result of such risks and uncertainties, we urge you not to place undue reliance on any such forward-looking statements. Forward-looking statements speak only as of the date when made. We undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law.

Available Information

Detailed information about us is contained in our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, proxy statements and other reports, and amendments to those reports, that we file with, or furnish to, the SEC. These reports are available free of charge at our website, www.equifax.com, as soon as reasonably practicable after we electronically file such reports with or furnish such reports to the SEC. However, our website and any contents thereof should not be considered to be incorporated by reference into this document. We will furnish copies of such reports free of charge upon written request to Equifax Inc., Attn: Office of Corporate Secretary, P.O. Box 4081, Atlanta, Georgia, 30302. These reports are also available at www.sec.gov.

ITEM 1A. RISK FACTORS

All of the risks and uncertainties described below and the other information included in this Form 10-K should be considered and read carefully. The risks described below are not the only ones facing us. The occurrence of any of the following risks or additional risks and uncertainties not presently known to us or that we currently believe to be immaterial could materially and adversely affect our business, financial condition or results of operations. This Form 10-K also contains forward-looking statements and estimates that involve risks and uncertainties. Our actual results could differ materially from those anticipated in the forward-looking statements as a result of specific factors, including the risks and uncertainties described below.

Technology and Data Security Risks

Security breaches and other disruptions to our information technology infrastructure could compromise Company, consumer and customer information, interfere with our operations, cause us to incur significant costs for remediation and enhancement of our IT systems and expose us to legal liability, all of which could have a substantial negative impact on our business and reputation.

We are a global data, analytics and technology company. In the ordinary course of business, we collect, process, transmit and store sensitive data, including intellectual property, proprietary business information and personal information of consumers, employees and strategic partners. The secure operation of our information technology networks and systems, and of the processing and maintenance of this information, is critical to our business operations and strategy. Because our products and services involve the storage and transmission of personal information of consumers, we are routinely the target of attempted cyber and other security threats by outside third parties, including technically sophisticated and well-resourced bad actors attempting to access or steal the data we store. Additionally, we could experience service disruptions or a loss of access to critical data or systems due to ransomware or other destructive attacks. Insider or employee cyber and security threats are also a significant concern for all companies, including ours. Despite our substantial investment in physical and technological security

measures, employee training and contractual precautions, our information technology networks and infrastructure (or those of our third-party vendors and other service providers) are potentially vulnerable to unauthorized access to data, loss of access to systems or breaches of confidential information due to criminal conduct, attacks by hackers, employee or insider malfeasance and/or human error.

The techniques used to obtain unauthorized access, disable or degrade service or sabotage systems are constantly evolving and often are not recognized until launched against a target, or even some time after. We may be unable to anticipate these techniques, implement adequate preventative measures or remediate any intrusion on a timely or effective basis even if our security measures are appropriate, reasonable, and/or comply with applicable legal requirements. Certain efforts may be state-sponsored and supported by significant financial and technological resources, making them even more sophisticated and difficult to detect. Further, we are in the process of transforming our applications and infrastructure technologies, and this transition to cloud-based technologies may expose us to additional cyber threats as we migrate our data from our legacy systems to cloud-based solutions hosted by third parties. Although we have developed systems and processes that are designed to protect our data and customer data and to prevent data loss and other security breaches, and expect to continue to expend significant additional resources to bolster these protections, these security measures cannot provide absolute security.

In 2017, we experienced a cybersecurity incident following a criminal attack on our systems that involved the theft of personal information of U.S., Canadian and U.K. consumers. If we experience additional significant breaches of our security measures, including from incidents that we fail to detect for a period of time, sensitive data may be accessed, stolen, disclosed or lost. Any such access, disclosure or other loss of information could subject us to significant litigation, regulatory fines or penalties, any of which could have a material adverse effect on our cash flows, competitive position, financial condition or results of operations. We cannot ensure that our insurance policies in the future will be adequate to cover losses from any security breaches.

Security breaches and attacks, and the adverse publicity that may follow, can have a negative impact on our reputation and our relationship with our customers. For example, our reputation with consumers and other stakeholders and our customer relationships were damaged following the 2017 cybersecurity incident, resulting in a negative impact on our revenue for a period of time. If we experience another material cybersecurity incident or are otherwise unable to demonstrate the security of our systems and the data we maintain and retain the trust of our customers, consumers and data suppliers, we could experience a substantial negative impact on our business.

If we fail to achieve and maintain key industry or technical certifications, our customers and business partners may stop doing business with us and we may not be able to win new business, which would negatively affect our revenue.

We are required by customers and business partners to obtain various industry or technical certifications. Such certifications are critical to our business because certain of our current and potential customers and the contracts governing certain customer relationships, as well as certain of our data suppliers, require us to maintain them as a requirement of doing business. For example, as a result of the 2017 cybersecurity incident, we lost certain key certifications which caused certain customers and business partners to stop or pause doing business with us and temporarily limited our ability to win new business. We had to spend significant resources on remediation activities in order to obtain these key re-certifications. If we fail to achieve or maintain key industry or technical certifications as a result of another cybersecurity incident or for other reasons, customers and business partners may stop doing business with us and we may not be able to win new business, which would negatively affect our revenue.

Strategy and Market Demand Risks

The failure to realize the anticipated benefits of our technology transformation strategy could adversely impact our business and financial results.

We expect our technology transformation strategy, including our transition to cloud-based technologies, will significantly increase our efficiency, our productivity, and the stability and functionality of our products and services, as well as decrease the cost of our overall systems infrastructure, all of which we expect will drive growth and have a positive effect on our business, competitive position and results of operations. This initiative is a major undertaking as we replace many of our previous operating systems with cloud-based systems. This complex, multifaceted and extensive initiative is expensive and has caused, and may cause in the future, unanticipated problems and expenses. If the transition causes errors or adversely impacts system processes, our new systems do not operate as expected, or the data we transition to the cloud changes in a material way, we may have to incur significant additional costs to make modifications and could lose customers and we may suffer reputational harm as a result. Moreover, we may experience issues with customer migration, as many of our customers may not

migrate to cloud-based technologies on a timely basis or at all or may choose not to utilize our products and services during and after our transition to cloud-based technologies, which could negatively impact our revenue.

We cannot assure you that our technology transformation strategy will be beneficial to the extent, or within the timeframes expected, or that the estimated efficiency, cost savings and other improvements will be realized as anticipated or at all. Market acceptance of cloud-based offerings is affected by a variety of factors, including information security, reliability, performance, the sufficiency of technological infrastructure to support our products and services in certain geographies, customer and data provider concerns with entrusting a third party to store and manage its data as well as the customer's ability to access this data once a contract has expired, and consumer concerns regarding data privacy and the enactment of laws or regulations that restrict our ability to provide such services to customers. If we are unable to correctly respond to these issues, we may experience business disruptions, damage to our reputation, negative publicity, diminished customer trust and relationships and other adverse effects on our business. Even if the anticipated benefits and savings are substantially realized, there may be consequences, internal control issues or business impacts that were not expected. Our transition and migration to cloud-based technologies may increase our risk of liability and cause us to incur significant technical, legal, regulatory or other costs.

The loss of access to credit, employment, financial and other data from external sources could harm our ability to provide our products and services.

We rely extensively upon data from external sources to maintain our proprietary and non-proprietary databases, including data received from customers, licensors, furnishers, strategic partners and various government and public record sources. This data includes the widespread and voluntary contribution of credit data from most lenders in the U.S. and many other markets as well as the contribution of data under proprietary contractual agreements, such as employers' contribution of employment and income data to The Work Number® and telecommunications, cable and utility companies' contribution of payment and fraud data to the National Cable, Telecommunications and Utility Exchange. For a variety of reasons, including concerns of data furnishers arising out of legislatively or judicially imposed restrictions on use, security breaches or competitive reasons, our data sources could withdraw, delay receipt of or increase the cost of the data they provide to us. Where we currently have exclusive use of data, the providers of the data sources could elect to make the information available to competitors. We also compete with several of our third-party data suppliers. If a substantial number of data sources or certain key data sources were to withdraw or be unable to provide their data, if we were to lose access to data due to government regulation, if we lose exclusive right to the use of data, or if the collection, disclosure or use of data becomes uneconomical, our ability to provide products and services to our customers could be adversely affected, which could result in decreased revenue, net income and earnings per share and reputational loss. There can be no assurance that we would be able to obtain data from alternative sources if our current sources become unavailable.

Negative changes in general economic conditions, including interest rates, the level of inflation, unemployment rates, income, home prices, investment values and consumer confidence, could adversely affect us.

Our customers, and therefore our business and revenues, are sensitive to negative changes in general economic conditions, including the demand and availability of affordable credit and capital, the level and volatility of interest rates, the level of inflation, employment levels, consumer confidence and housing demand, both inside and outside the United States. Business customers use our credit information and related analytical services and data to process applications for new credit cards, automobile loans, home and equity loans and other consumer loans, and to manage their existing credit relationships. Demand for our services tends to be correlated to general levels of economic activity and to consumer credit activity, which can be impacted by changes in interest rates and the level of inflation. Banks' and other lenders' willingness to extend credit are adversely affected by elevated consumer delinquency and loan losses in a weak economy. Consumer demand for credit (i.e., rates of spending and levels of indebtedness) also tends to grow more slowly or decline during periods of economic contraction or slow economic growth.

Our customer base suffers when financial markets experience volatility, illiquidity and disruption, and the potential for increased and continuing disruptions going forward presents considerable risks to our business and revenue. High or rising rates of unemployment and interest, declines in income, home prices or investment values, lower consumer confidence and reduced access to credit adversely affect demand for many of our products and services, and consequently our revenue and results of operations, as consumers may postpone or reduce their spending and use of credit, and lenders may reduce the amount of credit offered or available.

In 2023, we expect U.S. mortgage market originations to decline by approximately 30% compared to 2022. Any weakening in the U.S. mortgage market resulting in a significant reduction in mortgage originations could have a corresponding negative impact on revenue and operating profit for our business, primarily within the Workforce Solutions and USIS operating

segments. To the extent inflation results in rising interest rates and has other adverse effects upon the securities markets and upon the value of financial instruments, it may adversely affect our financial position and profitability.

Our markets are highly competitive and new product introductions and pricing strategies being offered by our competitors could decrease our sales and market share or require us to enhance our products and services or reduce our prices in a manner that reduces our revenue and operating margins.

We operate in a number of geographic, product and service markets that are highly competitive. Competitors may develop products and services that are superior to or that achieve greater market acceptance than our products and services. New competitors may choose to enter and compete in our markets, or existing competitors may choose to introduce new products and enter markets that we serve and that they do not currently serve. The size of our competitors varies across market segments, as do the resources we have allocated to the segments we target. Therefore, some of our competitors may have significantly greater financial, technical, marketing or other resources than we do in one or more of our market segments, or overall. As a result, our competitors may be in a position to respond more quickly than we can to new or emerging technologies and changes in customer requirements, or may devote greater resources than we can to the development, enhancement, promotion, sale and support of products and services, or some of our customers may develop products of their own that replace the products they currently purchase from us, which would result in lower revenue. In addition, many of our competitors have extensive consumer relationships, including relationships with our current and potential customers. Moreover, new competitors or alliances among our competitors may emerge and potentially reduce our market share, revenue or margins.

We also sell our information to competing firms, and buy information from certain of our competitors, in order to sell “tri-bureau” and other products, most notably into the U.S. mortgage market. Changes in prices between competitors for this information and/or changes in the design or sale of tri-bureau versus single or dual bureau product offerings may affect our revenue or profitability.

Some of our competitors may choose to sell products that compete with ours at lower prices by accepting lower margins and profitability, or may be able to sell products competitive to ours at lower prices, individually or as a part of integrated suites, given proprietary ownership of data, technological superiority or economies of scale. Price reductions by our competitors could negatively impact our revenue and operating margins and results of operations and could also harm our ability to obtain new customers on favorable terms. Historically, certain of our key products have experienced declines in per unit pricing due to competitive factors and customer demand. Since a significant portion of our operating expenses is relatively fixed in nature due to sales, information technology and development and other costs, if we were unable to respond quickly enough to changes in competition or customer demand, we could experience further reductions in our operating margins.

If our relationships with key customers are materially diminished or terminated, our business could suffer.

We have long-standing relationships with a number of our customers, many of whom could unilaterally terminate their relationship with us or materially reduce the amount of business they conduct with us at any time. Many of our material customer agreements can be terminated by the customer for convenience on limited advance written notice, which provides our customers with the opportunity to renegotiate their contracts with us or to award more business to our competitors. There is no guarantee that we will be able to retain or renew existing agreements, maintain relationships with any of our customers or business partners on acceptable terms or at all, or collect amounts owed to us from insolvent customers or business partners. The loss of one or more of our major customers or business partners could adversely affect our business, financial condition and results of operations.

If we do not introduce successful new products, services and analytical capabilities in a timely manner, or if the market does not adopt our new services, or if new technologies are introduced by competitors that are more effective or at lower costs than ours, our competitiveness and operating results will suffer.

We generally sell our products in industries that are characterized by rapid technological changes, including the introduction of new innovative technologies, frequent new product and service introductions and changing industry standards. In addition, certain of the markets in which we operate are seasonal and cyclical. Without the timely introduction of new technologies, products, services and enhancements, our products and services will become technologically or commercially obsolete over time, in which case our revenue and operating results would suffer. The success of our new products and services will depend on several factors, including our ability to properly identify customer needs; innovate and develop new technologies, services and applications; successfully commercialize new technologies in a timely manner; produce and deliver our products in sufficient volumes on time; differentiate our offerings from competitor offerings; price our products competitively; anticipate our competitors' development of new products, services or technological innovations; and control

product quality in our product development process. Our resources have to be committed to any new products and services before knowing whether the market will adopt the new offerings.

The demand for some of our products and services may be negatively impacted to the extent the availability of free or less expensive consumer information increases.

Public or commercial sources of free or relatively inexpensive consumer credit, credit score and other information have become increasingly available, particularly through the internet, and this trend is expected to continue. In addition, governmental agencies in particular have increased the amount of information to which they provide free public access and these or other sources of free or relatively inexpensive consumer information from competitors or other commercial sources may reduce demand for our services. Recently, there also has been an increase in companies offering free or low-cost direct-to-consumer credit services (such as credit scores, reports and monitoring) as part of alternative business models that use such services as a means to introduce consumers to other products and services. To the extent that our customers choose not to obtain services from us and instead rely on information obtained at no cost or relatively inexpensively from these other sources, our business, financial condition and results of operations may be adversely affected.

We rely, in part, on acquisitions, joint ventures and other alliances to grow our business and expand our geographic reach. The acquisition, integration or divestiture of businesses by us may not produce the expected financial or operating results or IT and data security profile we expect. In addition, if we are unable to make acquisitions or successfully develop and maintain joint ventures and other alliances, our growth may be adversely impacted.

Historically, we have relied, in part, on acquisitions, joint ventures and other alliances to grow our business. Any transaction we do complete may not be on favorable terms, may involve greater-than-expected liabilities and expenses, potential impairments of tangible and intangible assets or significant write-offs and the expected benefits, synergies, revenue and growth from these initiatives may not materialize as planned. We may have difficulty assimilating new businesses and their products, services, technologies, IT systems and personnel into our operations. IT and data security profiles of acquired companies may not meet our technological standards and may take longer to integrate and remediate than planned. This may result in significantly greater transaction, remediation and integration costs for future acquisitions than we have experienced historically, or it could mean that we will not pursue certain acquisitions where the costs of integration and remediation are too significant. We may also have difficulty integrating and operating businesses in geographies and markets or market segments where we do not currently have a significant presence, and acquisitions of businesses having a significant presence outside of the U.S. will increase our exposure to risks of conducting operations in international markets. These difficulties could disrupt our ongoing business, distract our management and workforce, increase our expenses and adversely affect our operating results and financial condition.

Despite our past experience, opportunities to grow our business through acquisitions, joint ventures and other alliances may not be available to us in the future. In addition, our focus on data security and our technology transformation strategy, including our migration to cloud-based technologies, may limit our ability to identify and complete acquisitions as our stringent technological criteria and standards for acquisition candidates may continue to increase.

If our government contracts are terminated, if we are suspended from government work, or if our ability to compete for new contracts is adversely affected, our business could suffer.

We derive a portion of our revenue from direct and indirect sales to U.S. federal, state and local governments and their respective agencies. We also derive a portion of our revenue from sales to foreign governments and related agencies. Such contracts are subject to various procurement laws and regulations, and contract provisions relating to their formation, administration and performance. Failure to comply with these laws, regulations or provisions in our government contracts could result in the imposition of various civil and criminal penalties, termination of contracts, forfeiture of profits, suspension of payments or suspension of future government contracting. A number of our federal government contracts have received enhanced scrutiny and media attention due to the sensitive nature of the data we handle and due to the importance of the government programs we support. If we experience another material cybersecurity incident, if public or legislative scrutiny and pressure related to government services we support turns negative or if we experience uptime issues or performance problems, our ability to maintain existing or acquire new government contracts may be substantially impacted.

If our government contracts are terminated, if we are suspended from government work, if the services we provide are no longer needed due to government program change or termination, or if our ability to compete for new contracts is adversely affected, including by our failure to achieve certain government certifications, our business could suffer.

Our business has been and may continue to be negatively impacted by health epidemics, pandemics and similar outbreaks, including the COVID-19 pandemic.

We face various risks related to health epidemics, pandemics and similar outbreaks. For example, the COVID-19 pandemic and the mitigation efforts by governments to attempt to control its spread adversely impacted the global economy, leading to reduced consumer spending and lending activities. Our customers, and therefore our business and revenues, are sensitive to negative changes in general economic conditions. We experienced significant revenue declines in several of our markets as a result of COVID-19 and we may experience similar revenue declines as a result of future health epidemics, pandemics and similar outbreaks.

Our reputation and/or business could be negatively impacted by ESG matters and/or our reporting of such matters.

There is an increasing focus from regulators, certain investors, and other stakeholders concerning environmental, social and governance ("ESG") matters, both in the United States and internationally. We communicate certain ESG-related initiatives, goals, and/or commitments regarding environmental matters, diversity, responsible sourcing and social investments, and other matters, on our website, in our filings with the SEC, and elsewhere. These initiatives, goals, or commitments could be difficult to achieve and costly to implement. For example, in 2021, we announced our commitment to reach net-zero greenhouse gas emissions by 2040, the achievement of which relies, in large part, on the accuracy of our estimates and assumptions around the availability and cost of low- or non-carbon based energy sources and technologies, the availability of suppliers that can meet our sustainability and other standards, and other factors. We could fail to achieve, or be perceived to fail to achieve, our net zero 2040 commitment or other ESG-related initiatives, goals or commitments. In addition, we could be criticized for the timing, scope or nature of these initiatives, goals or commitments, or for any revisions to them. To the extent that our required and voluntary disclosures about ESG matters increase, we could be criticized for the accuracy, adequacy or completeness of such disclosures. Our actual or perceived failure to achieve our ESG-related initiatives, goals or commitments could negatively impact our reputation or otherwise materially harm our business.

Operational Risks

Our technology transformation strategy places a significant strain on our management, operational, financial and other limited resources.

As part of our technology transformation strategy, we are transitioning and migrating our data systems from traditional, on premises data centers to cloud-based platforms. This initiative places significant strain on our management, personnel, operations, systems, technical performance, financial resources, internal financial controls and reporting function. In addition, many of our existing personnel have limited experience with native cloud-based technologies. This effort has been, and will continue to be, time consuming and costly. Our technology transformation strategy requires management time and resources to educate employees and implement new ways of conducting business. The dedication of resources to our technology transformation strategy and cloud-based technologies limits the resources we have available to devote to other initiatives or growth opportunities, or to invest in the maintenance of our existing internal systems. We cannot guarantee that our strategy is the right one or that investments in alternative technologies or other initiatives would not be a better use of our limited resources.

Additionally, as a result of our cloud migration efforts in connection with our technology transformation strategy, we may experience a loss of continuity, loss of accumulated knowledge or loss of efficiency during transitional periods. Reorganization and transition can require a significant amount of management and other employees' time and focus, which may divert attention from operating activities and growing our business. If we fail to achieve some or all of the expected benefits of these activities, it could have a material adverse effect on our competitive position, business, financial condition, results of operations and cash flows.

Our transition to cloud-based technologies could expose us to operational disruptions.

We rely on the efficient and uninterrupted operation of complex information technology systems and networks, some of which are managed internally within the Company and some of which are outsourced to third parties. As part of our technology transformation strategy, we are upgrading a significant portion of the information technology systems used to operate our business and replacing them with cloud-based solutions. This transition will continue to require substantial changes to our software and network infrastructure, which could lead to system interruptions, affect our data systems and further expose us to operational disruptions, and cause us to lose customers, all of which could have a material adverse effect on our results of operations.

Upon implementation of the new cloud-based solutions, much of our information technology systems will consist of outsourced, cloud-based infrastructure, platform and software-as-a-service solutions not under our direct management or control. Any disruption to either the outsourced systems or the communication links between us and the outsourced supplier could negatively affect our ability to operate our data systems and could impair our ability to provide services to our customers. We may incur additional costs to remedy the damages caused by these disruptions.

Our customers' decisioning may be adversely affected if we provide inaccurate or unreliable data, which could adversely affect our financial condition, cause loss of customer trust and contribute to non-compliance with certain laws and regulations.

Data accuracy is an essential component of data quality and is the foundation of our business model. Accurate data increases predictive ability and improves confidence in decisions for our customers. Inaccurate or unreliable data could adversely affect customer decisioning and poses reputational, compliance and financial risk to our company. Although we have developed internal processes and controls to maintain and continually improve data accuracy, these processes and controls cannot ensure absolute accuracy and the complexity of our technology transformation may introduce additional risk until it is completed. We have experienced data accuracy issues, including errors in connection with our technology transformation. To date, none of these issues have had a material impact on our operations or financial results. However, any future data accuracy issues arising during the technology transformation or otherwise could have a material adverse effect on our business or results of operations, including through the incurrence of additional costs or the loss of customers and harm to our reputation.

If our systems do not meet customer requirements for response time or high availability, or we experience system constraints or failures, or our customers do not migrate to the cloud or modify and/or upgrade their systems to accept new releases of our products and services, our services to our customers could be delayed or interrupted, which could result in lost revenues or customers, lower margins, service level penalties or other harm to our business and reputation.

Our customers expect high system availability and response time performance, as well as a very high degree of system resilience. We depend on reliable, stable, efficient and uninterrupted operation of our technology network, systems, and data centers to provide service to our customers. Many of the services and systems upon which we rely have been outsourced to third parties. In addition, many of our revenue streams are dependent on links to third party telecommunications providers. These systems and operations, and the personnel that support, service and operate these systems, could be exposed to interruption, damage or destruction from power loss, telecommunication failures, computer viruses, denial-of-service or other cyber attacks, employee or insider malfeasance, human error, fire, natural disasters, war, terrorist acts or civil unrest. We may not have sufficient disaster recovery or redundant operations in place to cover a loss or failure of systems or telecommunications links in a timely manner, which may be exacerbated by any delays in obtaining equipment due to supply chain or other impacts.

In addition, as part of our technology transformation, we are seeking to migrate our customers from traditional data platforms to cloud-based products and services. Many of our customers may not migrate to cloud-based technologies on a timely basis or at all, or may choose not to utilize our products and services during and after our transition to cloud-based technologies. If our customers' timelines prevent them from migrating to cloud-based technologies quickly enough, they will remain on our legacy infrastructure, which could expose them to system availability, response time and performance issues.

Any significant system interruption or series of minor interruptions could result in the loss of customers and/or lost revenues, lower margins, service level penalties or other significant harm to our business or reputation.

Dependence on outsourcing certain portions of our operations may adversely affect our ability to bring products to market and damage our reputation. Dependence on outsourced information technology and other administrative functions may impair our ability to operate effectively.

As part of our technology transformation, we have outsourced various components of our application development, information technology, operational support and administrative functions and will continue to evaluate additional outsourcing. If our outsourcing vendors fail to perform their obligations in a timely manner or at satisfactory quality levels including with respect to data and system security, or increase prices for their services to unreasonable levels, our ability to bring products to market and support our customers and our reputation could suffer. Any failure to perform on the part of these third-party providers could impair our ability to operate effectively and could result in lower future revenue, unrealized efficiencies and adversely impact our results of operations and our financial condition. Some of our outsourcing takes place in developing countries and, as a result, may be subject to geopolitical uncertainty.

Our business will suffer if we are not able to retain and hire key personnel.

Our future success, including our ability to implement our technology transformation strategy, depends partly on the continued service of our key development, sales, marketing, executive and administrative personnel. Increased retention risk exists in certain key areas of our operations, such as IT and data security, which require specialized skills, such as migrating legacy computer systems to the cloud, data security expertise and analytical modeling. Additionally, the worker shortage that emerged following the outbreak of COVID-19 has presented increased challenges to our ability to develop, retain and attract qualified personnel. If we fail to retain and hire a sufficient number of these personnel, we will not be able to maintain or expand our business. As part of our technology transformation strategy, we have hired or contracted with a significant number of new employees and contract workers. Hiring, on-boarding training, motivating, retaining and managing employees with the skills required is time-consuming and expensive. There is intense competition for certain highly technical specialties in geographic areas where we continue to recruit, and it may become more difficult to retain our key employees. If we are not able to hire sufficient employees to support our business, including our technology transformation, or to train, motivate, retain and manage the employees we do hire, it could have a material adverse effect on our business operations or financial results.

Global Operational Risks

Economic, political and other risks associated with international sales and operations could adversely affect our results of operations.

Sales outside the U.S. comprised 22% of our total revenue in 2022. As a result, our business is subject to various risks associated with doing business internationally and these risks may differ in each jurisdiction where we operate depending on the particular product or service we offer in the jurisdiction. In addition, many of our employees, suppliers, job functions and facilities are located outside the U.S. Accordingly, our future results could be harmed by a variety of factors including:

- changes in specific country or region political, economic or other conditions;
- trade protection measures;
- data privacy and consumer protection laws and regulations;
- difficulty in staffing and managing widespread operations;
- differing labor, intellectual property protection and technology standards and regulations;
- business licensing requirements or other requirements relating to making foreign direct investments, which could increase our cost of doing business in certain jurisdictions, prevent us from entering certain markets, increase our operating costs or lead to penalties or restrictions;
- difficulties associated with repatriating cash generated or held abroad in a tax-efficient manner;
- implementation of exchange controls;
- geopolitical instability, including terrorism and war, including the Russia-Ukraine war;
- foreign currency changes;
- increased travel, infrastructure, legal and compliance costs of multiple international locations;
- foreign laws and regulatory requirements;
- terrorist activity, natural disasters, pandemics and other catastrophic events;
- restrictions on the import and export of technologies;
- difficulties in enforcing contracts and collecting accounts receivable;
- longer payment cycles;
- failure to meet quality standards for outsourced work;
- unfavorable tax rules;
- the presence and acceptance of varying level of business corruption in international markets; and
- varying business practices in foreign countries.

We earn revenue, pay expenses, own assets and incur liabilities in countries using currencies other than the U.S. dollar, including among others the British pound, the Australian dollar, the Canadian dollar, the Argentine peso, the Chilean peso, the Euro, the New Zealand dollar, the Costa Rican colon, the Singapore dollar, the Brazilian real and the Indian rupee. Because our consolidated financial statements are presented in U.S. dollars, we must translate revenue, income and expenses, as well as assets and liabilities, into U.S. dollars at exchange rates in effect during or at the end of each reporting period. Therefore, increases or decreases in the value of the U.S. dollar against major currencies will affect our operating revenues, operating income and the value of balance sheet items denominated in foreign currencies. We generally do not mitigate the risks associated with fluctuating exchange rates, although we may from time to time through forward contracts or other derivative instruments hedge a portion of our translational foreign currency exposure or exchange rate risks associated with material transactions which are denominated in a foreign currency. The use of such hedging activities may not offset any or more than a portion of the adverse financial effects of unfavorable movements in foreign exchange rates over the limited time the hedges are

in place. Accordingly, fluctuations in foreign currency exchange rates, particularly the strengthening of the U.S. dollar against major currencies, may materially affect our consolidated financial results.

Compliance with applicable U.S. and foreign laws and regulations, such as anti-corruption laws, tax laws, foreign exchange controls and restrictions on repatriation of earnings or other similar restraints, data privacy requirements, labor laws and anti-competition regulations increases the cost of doing business in foreign jurisdictions. Although we have implemented policies and procedures to comply with these laws and regulations, a violation by our employees, contractors or agents could nevertheless occur.

Legal and Regulatory Risks

As part of a global settlement, we entered into agreements with various parties to settle the U.S. Consumer MDL Litigation and certain federal and state government investigations arising out of the 2017 cybersecurity incident. If we are unable to comply with our obligations under these agreements, it could have a material adverse effect on our financial condition.

In July 2019, the Company entered into multiple agreements that resolve the U.S. consolidated consumer class action cases, captioned In re: Equifax, Inc. Customer Data Security Breach Litigation, MDL No. 2800 (Consumer Cases) (the “U.S. Consumer MDL Litigation”), and the investigations of the FTC, the CFPB, the Attorneys General of 48 states, the District of Columbia and Puerto Rico (the “MSAG Group”) and the NYDFS (collectively, the “Consumer Settlement”) relating to the 2017 cybersecurity incident. The Consumer Settlement became effective on January 11, 2022.

As part of the Consumer Settlement, we agreed to implement certain business practice commitments related to consumer assistance and our information security program, including third party assessments of our program. These business practice commitments are extensive and require a significant amount of attention from management. To the extent we are unable to comply or we are viewed as not being in compliance with these business practice commitments or other requirements of a relevant order, we could face an enforcement action or contempt proceeding that could potentially result in fines, penalties and new business practice commitments, which, depending on the amount and type, could have a material adverse effect on our financial condition.

In addition, we may be required to deposit additional amounts in the consumer settlement fund under certain circumstances if the fund is insufficient to cover claims and certain expenses. While we do not believe that we will be required to deposit additional amounts into the consumer settlement fund based on our claims experience to date, we could be obligated to fund up to an additional \$125 million if our claims experience changes and the consumer fund is exhausted.

We and our customers are subject to various current laws and governmental regulations, and could be affected by new and evolving consumer privacy and cybersecurity or other data-related laws or regulations, compliance with which may cause us to incur significant expenses and change our business practices, and if we fail to maintain satisfactory compliance with certain laws and regulations, we could be subject to civil or criminal penalties.

We are subject to a number of U.S. federal, state, local and foreign laws and regulations relating to consumer privacy, cybersecurity, data and financial protection. See “Item 1. Business—Governmental Regulation” in this Form 10-K for a summary of the U.S. and foreign consumer and data protection laws and regulations to which we are subject. These regulations are complex, change frequently, have tended to become more stringent over time, and are subject to administrative interpretation and judicial construction in ways that could harm our business. In addition, new laws and regulations at the state and federal level are enacted or considered frequently. Examples of such new and evolving laws and regulations include amendments to the FCRA, cybersecurity and other requirements promulgated by the FTC and New York Department of Financial Services, the CCPA which took effect on January 1, 2020, and amendments to which took effect on January 1, 2023, the California data broker registration requirements that took effect on January 31, 2020, the CPRA taking effect on January 1, 2023 and privacy laws in Virginia, Colorado, Connecticut and Utah which have taken, or will take effect, in 2023. Furthermore, we expect there to be an increased focus on laws and regulations related to our business, including by the current U.S. presidential administration and the U.S. Congress, because of the growing policy concerns in the U.S. with regard to the operation of credit reporting agencies, the collection, use, accuracy, correction and sharing of personal information, and the use of algorithms, artificial intelligence and machine learning in business processes.

There are a number of legislative proposals pending before the U.S. Congress, various state legislative bodies and foreign governments concerning privacy or cybersecurity that could affect us. The Canadian government has initiated a review of consumer privacy laws, and several U.S. states have introduced varying comprehensive privacy laws modeled to some degree on the CCPA and/or the GDPR. Compliance with multiple state laws containing varying requirements could be complicated and costly. In Europe, although the GDPR already includes certain provisions relating to the automated processing

of personal data, there has also been discussion of new legislative proposals to regulate business use of artificial intelligence and machine learning technologies which, if enacted, could impose new legal requirements addressing among other issues, privacy, discrimination and human rights. The specifics of such legislation and the number of jurisdictions that will introduce legislation in this area remain unclear at this time. In addition, a growing number of legislative and regulatory bodies have adopted consumer notification and other requirements in the event that consumer information is accessed or acquired by unauthorized persons and additional regulations regarding the use, access, accuracy and security of such data are possible. In the U.S., state laws provide for disparate notification regimes, all of which we are subject to. Further, any perception that our practices or products are an invasion of privacy, whether or not consistent with current or future regulations and industry practices, may subject us to public criticism, private class actions, reputational harm, or claims by regulators, which could disrupt our business and expose us to increased liability.

We devote substantial compliance, legal and operational business resources to strive for compliance with applicable regulations and requirements. In the future, we may be subject to significant additional expenses related to compliance with applicable laws and regulations, including new laws and evolving interpretations that are difficult to predict, and to the investigation, defense or remedy of actual or alleged violations. Additionally, we cooperate with CFPB supervisory examinations and respond to other state, federal and foreign government examinations of or inquiries into our business practices. The enactment of new laws and how they are interpreted could impact our business. In particular, legislative activity in the privacy area may result in new laws that are applicable to us and that may hinder our business, for example, by restricting use or sharing of consumer data, including for marketing or advertising or limiting the use of, limiting our ability to provide certain consumer data to our customers, or otherwise regulating artificial intelligence and machine learning, including the use of algorithms and automated processing in ways that could materially affect our business, or which may lead to significant increases in the cost of compliance. Any failure by us to comply with, or remedy any violations of, applicable laws and regulations, could result in new costs for our operations, the curtailment of certain of our operations, the imposition of fines and penalties, liability to private plaintiffs as a result of individual or class action litigation, restrictions on the operation of our business and reputational harm. It is difficult to predict the impact on our business if we were subject to allegations of having violated existing laws. For example, in Europe, the GDPR, which includes extensive regulations for certain security incidents, could result in fines of up to four percent of annual worldwide “turnover” (a measure similar to revenues in the U.S.). In addition, because many of our products are regulated or sold to customers in various industries, we must comply with additional regulations in marketing our products. Moreover, our compliance with privacy laws and regulations and our reputation depend in part on customers’ adherence to privacy laws and regulations and their use of our services in ways consistent with consumer expectations and regulatory requirements. We cannot predict the ultimate impact on our business of new or proposed rules, supervisory examinations or government investigations or enforcement actions.

The following legal and regulatory developments also could have a substantial negative impact on our business, financial condition or results of operations:

- amendment, enactment or interpretation of laws and regulations that restrict the access, sharing and use of personal information and reduce the availability or effectiveness of our solutions or the supply of data available to customers;
- changes in cultural and consumer attitudes in favor of further restrictions on information collection and sharing, which may lead to regulations that prevent full utilization of our solutions;
- failure of data suppliers or customers to comply with laws or regulations, where mutual compliance is required;
- failure of our solutions to comply with current laws and regulations; and
- failure of our solutions to adapt to changes in the regulatory environment in an efficient, cost effective manner.

These laws and regulations (as well as actions that may be taken by legislatures and regulatory bodies in other countries) and the consequences of any violation could limit our ability to pursue business opportunities we might otherwise consider engaging in, impose additional costs on us, result in significant loss of revenue, result in significant restitution and fines, impact the value of assets we hold, or otherwise adversely affect our business.

The CFPB has supervisory and examination authority over our business and may initiate enforcement actions with regard to our compliance with federal consumer financial laws.

The CFPB, which was established under the Dodd-Frank Act and commenced operations in July 2011, has broad authority over our business. This includes authority to issue regulations under federal consumer financial protection laws, such as under the FCRA and other laws applicable to us and our financial customers. The CFPB is authorized to prevent “unfair, deceptive or abusive acts or practices” through its regulatory, supervisory and enforcement authority.

The CFPB conducts examinations and investigations, issues requests for information and subpoenas and brings civil actions in federal court for violations of the federal consumer financial laws, including the FCRA. In these proceedings, the CFPB can seek relief that includes: rescission or reformation of contracts, restitution, disgorgement of profits, payment of damages, limits on activities and civil money penalties of up to \$1.0 million per day for known violations. The CFPB conducts periodic examinations of us and the consumer credit reporting industry, which could result in new regulations or enforcement actions or proceedings. Actions by the CFPB could result in requirements to alter or cease offering affected products and services, making them less attractive and restricting our ability to offer them.

Although we have committed resources to enhancing our compliance programs, actions by the CFPB or other regulators against us could result in financial or reputational harm. Our compliance costs and legal and regulatory exposure could increase materially if the CFPB or other regulators enact new regulations, change regulations that were previously adopted, modify through supervision or enforcement past regulatory guidance, or interpret existing regulations in a manner different or stricter than have been previously interpreted.

Regulatory oversight of our contractual relationships with certain of our customers may adversely affect our business.

The federal banking agencies, including the Office of the Comptroller of the Currency, the Federal Deposit Insurance Corporation, the Board of Governors of the Federal Reserve System and the CFPB, as well as many state banking agencies have issued guidance to insured depository institutions and other providers of financial services on assessing and managing risks associated with third-party relationships, which include all business arrangements between a financial services provider and another entity, by contract or otherwise, and generally requires banks and financial services providers to exercise comprehensive oversight throughout each phase of a bank or financial service provider's business arrangement with third-party service providers, and instructs banks and financial service providers to adopt risk management processes commensurate with the level of risk and complexity of their third-party relationships. This guidance requires more rigorous oversight of third-party relationships that involve certain "critical activities." In light of this guidance, our existing or potential bank and financial services customers subject to this guidance may continue to revise their third-party risk management policies and processes and the terms on which they do business with us, which may adversely affect our relationships with such customers and/or increase our expenses in servicing such customers.

We are regularly involved in claims, suits, government investigations, supervisory examinations and other proceedings that may result in adverse outcomes.

We are regularly involved in claims, suits, government investigations, supervisory examinations and regulatory proceedings arising from the ordinary course of our business, including actions with respect to consumer protection and data protection, including purported class action lawsuits. Such claims, suits, government investigations and proceedings are inherently uncertain and their results cannot be predicted with certainty. Regardless of their outcome, such legal proceedings can have an adverse impact on us because of legal costs, diversion of management and other personnel, and other factors. In addition, it is possible that a resolution of one or more such proceedings could result in reputational harm, liability, penalties or sanctions, as well as judgments, consent decrees or orders preventing us from offering certain features, functionalities, products or services, or requiring a change in our business practices, products or technologies, which could in the future materially and adversely affect our business, operating results, and financial condition. The FCRA contains an attorney fee shifting provision that provides an incentive for consumers to bring individual and class action lawsuits against a credit reporting agency for violation of the FCRA, and the number of consumer lawsuits (both individual and class action) against us alleging a violation of the FCRA and our resulting costs associated with resolving these lawsuits have increased substantially over the past several years.

Third parties may claim that we are infringing on their intellectual property and we could suffer significant litigation or licensing expenses or be prevented from selling products or services.

There has been substantial litigation in the U.S. regarding intellectual property rights in the information technology industry. From time to time, third parties may make claims that one or more of our products or services infringe their intellectual property rights. We analyze and take action in response to each such claim on a case by case basis. A dispute or litigation regarding patents or other intellectual property can be costly and time-consuming due to the complexity of our technology and the inherent uncertainty of intellectual property litigation, could divert our management and key personnel from our business operations, and we may not prevail. A claim of intellectual property infringement could force us to enter into a costly or restrictive license agreement, which might not be available under acceptable terms or at all, or could subject us to significant damages or to an injunction against development and sale of certain of our products or services. Our intellectual property portfolio may not be useful in asserting a counterclaim, or providing commercial leverage for negotiating a license, in response to a claim of intellectual property infringement. In certain of our businesses we rely on third-party intellectual property

licenses and we cannot ensure that these licenses will be available to us in the future on favorable terms or at all. Although our policy is to obtain licenses or other rights where necessary, we cannot provide assurance that we have obtained all required licenses or rights.

Third parties may misappropriate or infringe on our intellectual property and we may suffer competitive injury or expend significant resources enforcing our rights.

Our success increasingly depends on our proprietary technology and its ability to differentiate us from our competitors. We rely on various intellectual property rights, including patents, copyrights, database rights, trademarks and trade secrets, as well as contract restrictions, confidentiality provisions and licensing arrangements, to establish and protect our proprietary rights. The extent to which such rights can be protected varies in different jurisdictions. If we do not protect and enforce our intellectual property rights successfully, our competitive position may suffer which could harm our operating results. Our pending patent and trademark applications may not be allowed or competitors may challenge the validity or scope of our intellectual property rights. In addition, our patents, copyrights, trademarks and other intellectual property rights may not provide us a significant competitive advantage.

We may need to devote significant resources to monitoring our intellectual property rights and we may or may not be able to detect misappropriation or infringement by third parties. Our competitive position may be harmed if we cannot detect misappropriation or infringement and enforce our intellectual property rights quickly or at all. In some circumstances, enforcement may not be available to us because a third party has a dominant intellectual property position or for other business reasons. In addition, competitors might avoid infringement by designing around our intellectual property rights or by developing non-infringing competing technologies. Intellectual property rights and our ability to enforce them may be unavailable or limited in some countries, which could make it easier for competitors to capture market share and could result in lost revenue.

Financial Market Risks

A downgrade in our credit ratings could increase our cost of borrowing under our credit facilities and have an adverse effect on our ability to access the capital markets.

Credit ratings reflect an independent agency's judgment on the likelihood that a borrower will repay a debt obligation at maturity. The ratings reflect many considerations, such as the nature of the borrower's industry and its competitive position, the size of the company, its liquidity and access to capital and the sensitivity of a company's cash flows to changes in the economy. A security rating is not a recommendation to buy, sell or hold securities and may be changed or withdrawn at any time by the assigning rating agency.

A downgrade in our credit ratings would increase the cost of borrowings under our commercial paper program, \$1.5 billion revolving credit facility and \$700.0 million delayed draw term loan, and could limit or, in the case of a significant downgrade, preclude our ability to issue commercial paper. If our credit ratings were to decline to lower levels, we could experience increases in the interest cost for any new debt. In addition, the market's demand for, and thus our ability to readily issue, new debt could become further affected by the economic and credit market environment.

Our retirement and post-retirement pension plans are subject to financial market risks that could adversely affect our future results of operations and cash flows.

We have significant retirement and post-retirement pension plan assets and obligations. The performance of the financial markets and interest rates impact our plan expenses, expected returns, and funding obligations. Significant decreases in interest rates, decreases in the fair value of plan assets and investment losses on plan assets will increase our funding obligations, and adversely impact our results of operations and cash flows.

ITEM 1B. UNRESOLVED STAFF COMMENTS

None.

ITEM 2. PROPERTIES

Our executive offices are located at 1550 Peachtree Street, N.W., Atlanta, Georgia. Our other properties are geographically distributed to meet sales and operating requirements worldwide. We consider these properties to be both suitable and adequate to meet our current operating requirements. We ordinarily lease office space for conducting our business and are

obligated under approximately 60 leases and other rental arrangements for our field locations. We owned 6 office buildings at December 31, 2022, including our executive offices, one campus which houses our Alpharetta, Georgia technology center, a building utilized by our Workforce Solutions operations located in St. Louis, Missouri, as well as two buildings utilized by our Latin America operations.

For additional information regarding our obligations under leases, see Note 6 and Note 12 of the Notes to Consolidated Financial Statements in Item 8 of this Form 10-K. We believe that suitable additional space will be available to accommodate our future needs.

ITEM 3. LEGAL PROCEEDINGS

Canadian Class Actions

In 2017, we experienced a cybersecurity incident following a criminal attack on our systems that involved the theft of personal information of consumers. Five putative Canadian class actions, four of which are on behalf of a national class of approximately 19,000 Canadian consumers, are pending against us in Ontario, British Columbia and Alberta. Each of the proposed Canadian class actions asserts a number of common law and statutory claims seeking monetary damages and other related relief in connection with the 2017 cybersecurity incident. In addition to seeking class certification on behalf of Canadian consumers whose personal information was allegedly impacted by the 2017 cybersecurity incident, in some cases, plaintiffs also seek class certification on behalf of a larger group of Canadian consumers who had contracts for subscription products with Equifax around the time of the incident or earlier and were not impacted by the incident.

On December 13, 2019, the court in Ontario granted certification of a nationwide class that includes all impacted Canadians as well as Canadians who had subscription products with Equifax between March 7, 2017 and July 30, 2017 who were not impacted by the incident. We appealed one of the claims on which a class was certified and on June 9, 2021, our appeal was granted by the Ontario Divisional Court. The plaintiff filed a notice of further appeal with the Ontario Court of Appeal, and on November 25, 2022, the Ontario Court of Appeal dismissed the plaintiff's appeal and upheld the Divisional Court's ruling in our favor. On January 24, 2023, the plaintiff appealed this decision to the Supreme Court of Canada. All remaining purported class actions are at preliminary stages or stayed.

FCA Investigation

The U.K.'s Financial Conduct Authority ("FCA") opened an enforcement investigation against our U.K. subsidiary, Equifax Limited, in October 2017 in connection with the 2017 cybersecurity incident. The investigation by the FCA has involved a number of information requirements and interviews. We have responded to the information requirements and continue to cooperate with the investigation. At this time, we are unable to predict the outcome of this FCA investigation, including whether the investigation will result in any action or proceeding against us.

CFPB Matters

In December 2021, we received a Civil Investigative Demand (a "CID") from the CFPB as part of its investigation into our consumer disputes process in order to determine whether we have followed the FCRA's requirements for the proper handling of consumer disputes. The CID requests the production of documents and answers to written questions. We are cooperating with the CFPB in its investigation and are in discussions with the CFPB regarding our response to the CID. In addition, in January 2023, the CFPB informed us that its enforcement division will be investigating our previously-disclosed coding issue identified within a legacy server environment in the U.S. slated to be migrated to the new Equifax cloud infrastructure which impacted how some credit scores were calculated during a three-week period in 2022. We are cooperating with the CFPB in its investigation. At this time, we are unable to predict the outcome of these CFPB investigations, including whether the investigations will result in any actions or proceedings against us.

Other

Equifax has been named as a defendant in various other legal actions, including administrative claims, regulatory matters, government investigations, class actions and other litigation arising in connection with our business. Some of the legal actions include claims for substantial compensatory or punitive damages or claims for indeterminate amounts of damages. We believe we have defenses to and, where appropriate, will contest many of these matters. Given the number of these matters, some are likely to result in adverse judgments, penalties, injunctions, fines or other relief. We may explore potential settlements before a case is taken through trial because of the uncertainty and risks inherent in the litigation process.

For information regarding our accounting for legal contingencies, see Note 6 of the Notes to Consolidated Financial Statements in Item 8 of this report.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

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

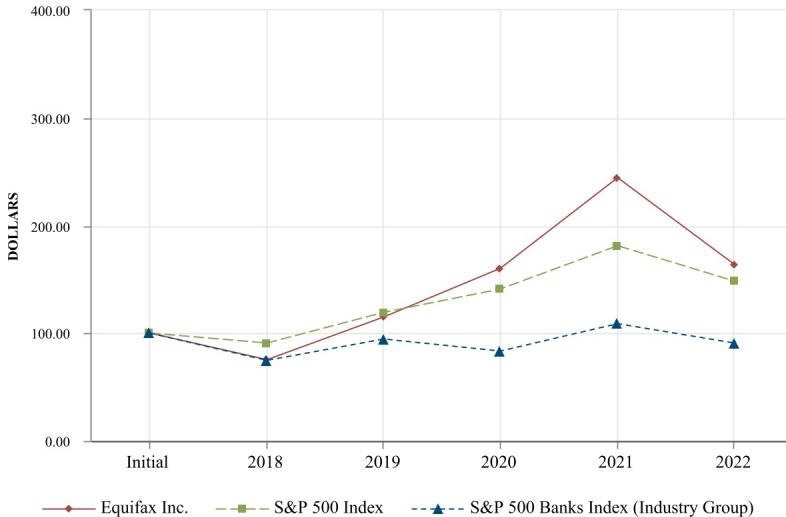
Equifax's common stock is traded on the New York Stock Exchange under the symbol "EFX." As of January 31, 2023, Equifax had approximately 2,625 holders of record; however, Equifax believes the number of beneficial owners of common stock exceeds this number.

Shareholder Return Performance Graph

The graph below compares Equifax's five-year cumulative total shareholder return with that of the Standard & Poor's Composite Stock Index (S&P 500) and a peer group index, the S&P 500 Banks Index (Industry Group). The graph assumes that the value of the investment in our Common Stock and each index was \$100 on the last trading day of 2018 and that all quarterly dividends were reinvested without commissions. Our past performance may not be indicative of future performance.

COMPARATIVE FIVE-YEAR CUMULATIVE TOTAL RETURN AMONG EQUIFAX INC., S&P 500 INDEX AND S&P 500 BANKS INDEX (INDUSTRY GROUP)

COMPARISON OF FIVE-YEAR CUMULATIVE TOTAL RETURNS
VALUE OF \$100 INVESTED AS OF JANUARY 1, 2018



	Fiscal Year Ended December 31,					
	Initial	2018	2019	2020	2021	2022
Equifax Inc.	100.00	75.54	115.06	159.93	244.44	163.56
S&P 500 Index	100.00	90.44	118.91	140.79	181.21	148.39
S&P 500 Banks Index (Industry Group)	100.00	74.44	94.37	83.22	108.94	90.69

The table below contains information with respect to purchases made by or on behalf of Equifax of its common stock during the fourth quarter ended December 31, 2022:

Issuer Purchases of Equity Securities

Period	Total Number of Shares Purchased ⁽¹⁾	Average Price Paid Per Share ⁽²⁾	Total Number of Shares Purchased as Part of Publicly-Announced Plans or Programs	Maximum Number (or Approximate Dollar Value) of Shares that May Yet Be Purchased Under the Plans or Programs ⁽³⁾
October 1 - October 31, 2022	930	\$ —	—	\$ 520,168,924
November 1 - November 30, 2022	3,641	\$ —	—	\$ 520,168,924
December 1 - December 31, 2022	369	\$ —	—	\$ 520,168,924
Total	4,940	\$ —	—	\$ 520,168,924

(1) The total number of shares purchased includes, if applicable: (a) shares purchased pursuant to our publicly-announced share repurchase program, or Program; and (b) shares surrendered, or deemed surrendered, in satisfaction of the exercise price and/or to satisfy tax withholding obligations in connection with the exercise of employee stock options and vesting of restricted stock, totaling 930 shares for the month of October 2022, 3,641 shares for the month of November 2022 and 369 shares for the month of December 2022.

(2) Average price paid per share for shares purchased as part of our Program (includes brokerage commissions).

(3) We purchased no common shares during the twelve months ended December 31, 2022. At December 31, 2022, the amount authorized for future share repurchases under the Program was \$520.2 million.

Information relating to compensation plans under which the Company's equity securities are authorized for issuance will be included in the section captioned "Equity Compensation Plan Information" in our 2023 Proxy Statement and is incorporated herein by reference.

ITEM 6. RESERVED

Not applicable.

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

The following Management's Discussion and Analysis ("MD&A") is intended to help the reader understand the results of operations and financial condition of Equifax Inc. MD&A is provided as a supplement to and should be read in conjunction with our consolidated financial statements and the accompanying Notes to Financial Statements in Item 8 of this Form 10-K. This section discusses the results of our operations for the year ended December 31, 2022 compared to the year ended December 31, 2021 and the year ended December 31, 2021 compared to the year ended December 31, 2020. All percentages have been calculated using unrounded amounts for each of the periods presented.

As used herein, the terms Equifax, the Company, we, our and us refer to Equifax Inc., a Georgia corporation, and its consolidated subsidiaries as a combined entity, except where it is clear that the terms mean only Equifax Inc.

All references to earnings per share data in MD&A are to diluted earnings per share, or EPS, unless otherwise noted. Diluted EPS is calculated to reflect the potential dilution that would occur if stock options or other contracts to issue common stock were exercised and resulted in additional common shares outstanding.

BUSINESS OVERVIEW

Equifax Inc. is a global data, analytics and technology company. We provide information solutions for businesses, governments and consumers, and we provide human resources business process automation and outsourcing services for employers. We have a large and diversified group of clients, including financial institutions, corporations, government agencies and individuals. Our services are based on comprehensive databases of consumer and business information derived from numerous sources including credit, financial assets, telecommunications and utility payments, employment, income, educational history, criminal history, healthcare professional licensure and sanctions, demographic and marketing data. We use advanced statistical techniques, machine learning and proprietary software tools to analyze available data to create customized insights, decision-making and process automation solutions and processing services for our clients. We are a leading provider of e-commerce fraud and charge back protection services in North America as well as information and solutions used in payroll-related and human resource management business process services in the U.S. For consumers, we provide products and services to help people understand, manage and protect their personal information and make more informed financial decisions. Additionally, we also provide information, technology and services to support debt collections and recovery management.

We currently operate in four global regions: North America (U.S. and Canada), Asia Pacific (Australia, New Zealand and India), Europe (the United Kingdom ("U.K."), Spain and Portugal) and Latin America (Argentina, Chile, Costa Rica, Dominican Republic, Ecuador, El Salvador, Honduras, Mexico, Paraguay, Peru and Uruguay). We maintain support operations in the Republic of Ireland, Chile, Costa Rica and India. We also have investments in consumer and/or commercial credit information companies through joint ventures in Cambodia, Malaysia and Singapore and have an investment in a consumer and commercial credit information company in Brazil. We previously had a joint venture in Russia that offered consumer credit services; however, during the third quarter of 2022, we completed the sale of this equity method investment.

Recent Events and Company Outlook

As further described above, we operate in the U.S., which represented 78% of our revenue in 2022, and internationally in 24 countries. Our products and services span a wide variety of vertical markets including financial services, mortgage, talent solutions, federal, state and local governments, automotive, telecommunications, e-commerce and many others.

Demand for our services tends to be correlated to general levels of economic activity and to consumer credit activity, small commercial credit and marketing activity, identity and fraud, and employee hiring and onboarding activity. Demand is also enhanced by our initiatives to expand our products, capabilities and markets served.

For 2023, our planning assumes that U.S. economic activity, as measured by GDP, is expected to grow but at a slower rate of growth than experienced in 2022. Our plan assumes the U.S. mortgage market, as measured by originations, is expected to decline by about 30% in 2023 versus 2022. The U.S. mortgage market, particularly the mortgage refinance portion of the U.S. mortgage market, can be significantly impacted by U.S. interest rates and therefore mortgage rates. In the International markets in which we operate, in particular in Australia, the U.K. and Canada, our planning also assumes economic activity, as measured by GDP, to grow in 2023 but at slower rates than in 2022. The slowdown in economic activity in the U.K. is expected to be more significant than in Australia or Canada.

Segment and Geographic Information

Segments. The Workforce Solutions segment consists of the Verification Services and Employer Services business lines. Verification Services revenue is transaction-based and is derived primarily from employment and income verification, as well as criminal justice data. Employer Services revenue is derived from our provision of certain human resources business process outsourcing services that include both transaction and subscription based product offerings. These include services that assist employers in complying with and automating certain payroll-related and human resource management processes throughout the entire cycle of the employment relationship, including unemployment cost management, employee screening, employee onboarding, tax credits and incentives, I-9 management and compliance, immigration case management, tax form management services and Affordable Care Act management services. Workforce Solutions has established operations in Canada, Australia and most recently in the U.K.

The USIS segment consists of three service lines: Online Information Solutions, Mortgage Solutions, and Financial Marketing Services. Online Information Solutions and Mortgage Solutions revenue is principally transaction-based and is derived from our sales of products such as consumer and commercial credit reporting and scoring, identity management, fraud detection, modeling services and consumer credit monitoring services. USIS also markets certain decisioning software services which facilitate and automate a variety of consumer and commercial credit-oriented decisions. Online Information Solutions also includes the U.S. consumer credit monitoring solutions business previously part of the Global Consumer Services segment. Financial Marketing Services revenue is principally project and subscription based and is derived from our sales of batch credit, identity and consumer wealth information such as those that assist clients in acquiring new customers, cross-selling to existing customers and managing portfolio risk. USIS operates in the United States.

The International segment consists of Asia Pacific, Europe, Latin America and Canada. Canada's services are similar to our USIS offerings. Asia Pacific, Europe and Latin America are made up of varying mixes of service lines that are generally consistent with those in our USIS reportable segment. We also provide information and technology services to support lenders and other creditors in the collections and recovery management process.

Geographic Information. We currently have operations in the following countries: Argentina, Australia, Canada, Chile, Costa Rica, Dominican Republic, Ecuador, El Salvador, Honduras, India, Mexico, New Zealand, Paraguay, Peru, Portugal, the Republic of Ireland, Spain, the U.K., Uruguay and the U.S. We also have investments in consumer and/or commercial credit information companies through joint ventures in Cambodia, Malaysia and Singapore and have an investment in a consumer and commercial credit information company in Brazil. We previously had a joint venture in Russia that offered consumer credit services; however, during the third quarter of 2022, we completed the sale of this equity method investment. Approximately 78% of our revenue was generated in the U.S. during both the twelve months ended December 31, 2022 and 2021.

Seasonality. We experience seasonality in certain of our revenue streams. Revenue generated by the online consumer information services component of our USIS operating segment is typically the lowest during the first quarter, when consumer lending activity is at a seasonal low. Revenue generated from the Employer Services business unit within the Workforce Solutions operating segment is generally higher in the first quarter due primarily to the provision of Form W-2 and 1095-C services that occur in the first quarter each year. Revenue generated from our financial wealth asset products and data management services in our Financial Marketing Services business is generally higher in the fourth quarter each year due to the significant portion of our annual renewals and deliveries which occur then. Mortgage related revenue is generally higher in the second and third quarters of the year due to the increase in consumer home purchasing during the summer in the U.S. Any change in the U.S. mortgage market could have a corresponding impact on revenue and operating profit for our business, primarily within the Workforce Solutions and USIS operating segments. Although in recent years activity has been directly related to changes in interest rates, and this trend has been less observed.

Key Performance Indicators. Management focuses on a variety of key indicators to monitor operating and financial performance. These performance indicators include measurements of operating revenue, change in operating revenue, operating income, operating margin, net income, diluted earnings per share, cash provided by operating activities and capital expenditures. Key performance indicators for the twelve months ended December 31, 2022, 2021 and 2020 include the following:

	Key Performance Indicators Twelve Months Ended December 31,		
	2022		2020
Operating revenue	\$ 5,122.2	\$ 4,923.9	\$ 4,127.5
Operating revenue change	4 %	19 %	18 %
Operating income	\$ 1,056.0	\$ 1,138.0	\$ 676.6
Operating margin	20.6 %	23.1 %	16.4 %
Net income attributable to Equifax	\$ 696.2	\$ 744.2	\$ 520.1
Diluted earnings per share	\$ 5.65	\$ 6.02	\$ 4.24
Cash provided by operating activities	\$ 757.1	\$ 1,334.8	\$ 946.2
Capital expenditures*	\$ (617.4)	\$ (490.5)	\$ (430.7)

*Amounts above include accruals for capital expenditures.

RESULTS OF OPERATIONS —
TWELVE MONTHS ENDED DECEMBER 31, 2022, 2021 AND 2020

Consolidated Financial Results

Operating Revenue

Operating Revenue	Twelve Months Ended December 31,			Change		
	2022	2021	2020	2022 vs. 2021	2021 vs. 2020	
(In millions)						
Workforce Solutions	\$ 2,325.4	\$ 2,035.4	\$ 1,461.7	\$ 290.0	14 %	\$ 573.7
U.S. Information Solutions	1,657.7	1,786.7	1,711.2	(129.0)	(7)%	75.5
International	1,139.1	1,101.8	954.6	37.3	3 %	147.2
Consolidated operating revenue	<u>\$ 5,122.2</u>	<u>\$ 4,923.9</u>	<u>\$ 4,127.5</u>	<u>\$ 198.3</u>	<u>4 %</u>	<u>\$ 796.4</u>

Revenue for 2022 increased by 4% compared to 2021. The increase was primarily due to growth in Workforce Solutions and International, partially offset by a decline in USIS. The significant decline in U.S. mortgage originations negatively impacted the growth in Workforce Solutions and caused the decline in USIS revenue. The effect of foreign exchange rates decreased revenue by \$94.9 million, or 2%, in 2022 compared to 2021.

Revenue for 2021 increased by 19% compared to 2020. The growth was driven by increases in our Workforce Solutions segment, across mortgage and non-mortgage related revenue, growth in our International segment and growth in non-mortgage related revenue in the USIS segment. The effect of foreign exchange rates reduced revenue by \$50.4 million, or 1%, in 2021 compared to 2020.

Operating Expenses

Operating Expenses	Twelve Months Ended December 31,			Change		
	2022	2021	2020	2022 vs. 2021	%	2021 vs. 2020
	(In millions)					
Consolidated cost of services	\$ 2,177.2	\$ 1,980.9	\$ 1,737.4	\$ 196.3	10 %	\$ 243.5
Consolidated selling, general and administrative expenses	1,328.9	1,324.6	1,322.5	4.3	— %	2.1
Consolidated depreciation and amortization expense	560.1	480.4	391.0	79.7	17 %	89.4
Consolidated operating expenses	<u>\$ 4,066.2</u>	<u>\$ 3,785.9</u>	<u>\$ 3,450.9</u>	<u>\$ 280.3</u>	7 %	<u>\$ 335.0</u>

Cost of Services. Cost of services increased \$196.3 million in 2022 compared to 2021. The increase is due to higher royalty costs, production costs, which include third party cloud usage fees, and people costs. The effect of changes in foreign exchange rates decreased cost of services by \$50.5 million.

Cost of services increased \$243.5 million in 2021 compared to 2020. The increase is due to increased royalty costs, production costs, which include third party cloud usage fees, and people costs, partially offset by a decrease in incremental technology and data security costs related to our technology transformation. The effect of changes in foreign exchange rates increased cost of services by \$27.5 million.

Selling, General and Administrative Expenses. Selling, general and administrative expenses increased \$4.3 million in 2022 compared to 2021. The increase in 2022 is primarily driven by companies acquired in 2022 and 2021, with the total increase in expenses partially offset by a decrease in incentive plan costs. The impact of changes in foreign currency exchange rates decreased our selling, general and administrative expenses by \$25.6 million.

Selling, general and administrative expenses increased \$2.1 million in 2021 compared to 2020. The slight increase in 2021 is due to an increase in people costs, offset by a decrease in incremental technology and data security costs related to our ongoing technology transformation. The impact of changes in foreign currency exchange rates increased our selling, general and administrative expenses by \$9.7 million.

Depreciation and Amortization. Depreciation and amortization expense for 2022 and 2021 increased by \$79.7 million and \$89.4 million, respectively. These increases are due to higher amortization of purchased intangible assets related to recent acquisitions, as well as amortization of capitalized internal-use software and systems costs from technology transformation capital spending incurred previously. The impact of changes in foreign currency exchange rates led to a decrease in depreciation and amortization expense of \$11.6 million and an increase of \$10.6 million in 2022 and 2021, respectively.

Operating Income and Operating Margin

Operating Income and Operating Margin	Twelve Months Ended December 31,			Change		
	2022	2021	2020	2022 vs. 2021	%	2021 vs. 2020
	(In millions)					
Consolidated operating revenue	\$ 5,122.2	\$ 4,923.9	\$ 4,127.5	\$ 198.3	4 %	\$ 796.4
Consolidated operating expenses	<u>4,066.2</u>	<u>3,785.9</u>	<u>3,450.9</u>	<u>280.3</u>	7 %	<u>335.0</u>
Consolidated operating income	<u>\$ 1,056.0</u>	<u>\$ 1,138.0</u>	<u>\$ 676.6</u>	<u>\$ (82.0)</u>	(7) %	<u>\$ 461.4</u>
Consolidated operating margin	20.6 %	23.1 %	16.4 %		(2.5) pts	6.7 pts

Total company operating margin decreased by 2.5 percentage points in 2022 versus 2021. The margin decrease was due to the aforementioned increased operating expenses and amortization expense that outpaced revenue growth during the period.

Total company operating margin increased by 6.7 percentage points in 2021 versus 2020, due to higher operating income generated by the increased revenue and decreased incremental technology and data security costs, partially offset by the increased people costs and aforementioned increase in depreciation and amortization expense.

Interest Expense and Other Income (Expense), net

Consolidated Interest and Other Income (Expense), net	Twelve Months Ended December 31,			Change			
				2022 vs. 2021		2021 vs. 2020	
	2022	2021	2020	\$	%	\$	%
(In millions)							
Consolidated interest expense	\$ (183.0)	\$ (145.6)	\$ (141.6)	\$ (37.4)	26 %	\$ (4.0)	3 %
Consolidated other income (expense), net	\$ 56.7	\$ (43.2)	\$ 150.2	\$ 99.9	(231)%	\$ (193.4)	(129)%
Average cost of debt	3.2 %	3.2 %	3.5 %				
Total consolidated debt, net, at year end	\$ 5,787.3	\$ 5,294.9	\$ 4,378.4	\$ 492.4	9 %	\$ 916.5	21 %

Interest expense increased in 2022, when compared to 2021, due to a higher weighted average outstanding amount of debt and higher interest costs attributable to debt agreements entered into during 2022.

Interest expense increased in 2021, when compared to 2020, due to a higher weighted average outstanding amount of debt in 2021 when compared to 2020, offset by a slightly lower cost of debt.

The increase in other income (expense), net in 2022 is driven by changes in our fair value adjustments of our investments, gains on the sale of multiple equity investments and mark-to-market adjustments for our pension assets. We recorded a \$13.3 million gain on the fair value adjustment of our Brazil investment in 2022, compared to a \$64.0 million loss in 2021. During 2022, we recorded a gain of \$19.1 million as a result of the sale of multiple equity investments, including the sale of our equity method investment in Russia during the third quarter of 2022. For 2022 and 2021, we recorded a \$1.4 million gain and \$20.2 million loss, respectively, on the mark-to-market adjustment of our pension plan assets.

The decrease in other income (expense), net in 2021 is driven by the changes in our fair value adjustments of our investments and mark-to-market adjustments for our pension assets. We recorded a \$64.0 million loss on the fair value adjustment of our Brazil investment in 2021, compared to a \$149.5 million gain on the fair value adjustment of our Brazil and India investments in 2020. For 2021 and 2020, we recorded a \$20.2 million and \$32.2 million loss, respectively, on the mark-to-market adjustment of our pension plan assets. These impacts were partially offset by positive impacts of foreign currency exchange in 2021.

Income Taxes

Provision for Income Taxes	Twelve Months Ended December 31,			Change			
				2022 vs. 2021		2021 vs. 2020	
	2022	2021	2020	\$	%	\$	%
(In millions)							
Consolidated provision for income taxes	\$ (229.5)	\$ (200.7)	\$ (159.0)	\$ (28.8)	14 %	\$ (41.7)	26 %
Effective income tax rate	24.7 %	21.2 %	23.2 %				

Our effective tax rate was 24.7% for 2022, up from 21.2% for the same period in 2021. Our effective tax rate is higher for the year ended December 31, 2022 compared to 2021 due to a higher foreign rate differential, primarily due to the changes in the fair value of our investment in Brazil.

Our effective tax rate was 21.2% for 2021, down from 23.2% for the same period in 2020. Our effective tax rate was lower for the year ended December 31, 2021 compared to 2020 due to a lower foreign rate differential due to the changes in the fair value of our investment in Brazil.

Net Income

Net Income	Twelve Months Ended December 31,			Change			
	2022	2021	2020	2022 vs. 2021	%	2021 vs. 2020	%
	(In millions, except per share amounts)						
Consolidated operating income	\$ 1,056.0	\$ 1,138.0	\$ 676.6	\$ (82.0)	(7)%	\$ 461.4	68 %
Consolidated interest and other income (expense), net	(126.3)	(188.8)	8.6	62.5	(33)%	(197.4)	(2,295)%
Consolidated provision for income taxes	(229.5)	(200.7)	(159.0)	(28.8)	14 %	(41.7)	26 %
Consolidated net income	700.2	748.5	526.2	(48.3)	(6)%	222.3	42 %
Net income attributable to noncontrolling interests	(4.0)	(4.3)	(6.1)	0.3	(7)%	1.8	(30)%
Net income attributable to Equifax	\$ 696.2	\$ 744.2	\$ 520.1	\$ (48.0)	(6)%	\$ 224.1	43 %
Diluted earnings per share:							
Net income attributable to Equifax	\$ 5.65	\$ 6.02	\$ 4.24	\$ (0.37)	(6)%	\$ 1.78	42 %
Weighted-average shares used in computing diluted earnings per share	123.3	123.6	122.8				

Consolidated net income decreased by \$48.3 million in 2022 compared to 2021 due to a decrease in operating income and an increase in income tax expense, partially offset by the increase in other income, net.

Consolidated net income increased by \$222.3 million in 2021 compared to 2020 due to increased operating income, partially offset by the decrease in other income, net and increase in income tax expense.

Segment Financial Results

Workforce Solutions

Workforce Solutions	Twelve Months Ended December 31,			Change				
	2022	2021	2020	2022 vs. 2021	%	2021 vs. 2020	%	
	(In millions)							
Operating Revenue:								
Verification Services	\$ 1,871.0	\$ 1,608.9	\$ 1,103.2	\$ 262.1	16 %	\$ 505.7	46 %	
Employer Services	454.4	426.5	358.5	27.9	7 %	68.0	19 %	
Total operating revenue	\$ 2,325.4	\$ 2,035.4	\$ 1,461.7	\$ 290.0	14 %	\$ 573.7	39 %	
% of consolidated revenue	45 %	42 %	35 %					
Total operating income	\$ 1,006.0	\$ 1,000.7	\$ 703.9	\$ 5.3	1 %	\$ 296.8	42 %	
Operating margin	43.3 %	49.2 %	48.2 %			(5.9) pts		1.0 pts

Workforce Solutions revenue increased by 14% in 2022 compared to 2021, due to growth in Verification Services driven by growth in non-mortgage verticals, including government, talent, consumer finance and Employer Services verticals, as well as acquisition revenue in both Verification Services and Employer Services.

Workforce Solutions revenue increased by 39% in 2021 compared to 2020, due to strong growth in Verification Services driven by growth in mortgage, talent solutions, government and other verticals. Employer Services revenue also increased due to acquisition related growth and employee services, partially offset by a decline in our unemployment claims business.

Verification Services. Revenue increased 16% in 2022 compared to 2021. The increase in revenue was due to growth in government, talent solutions, and consumer finance verticals, along with growth from the full year impact of the Insights

acquisition, offset by a decline in the mortgage vertical due to significantly slower U.S. mortgage origination activity in 2022 due to higher interest rates. Verification Services benefited across all verticals from the continued growth of employment and income records in The Work Number database.

Revenue increased 46% in 2021 compared to 2020. Verification Services revenue experienced growth in the mortgage, talent solutions and government verticals as well as from the acquisition of Appriss Insights, which took place in the fourth quarter of 2021. Verification Services benefited across all verticals from the continued growth of employment and income records in The Work Number database.

Employer Services. Revenue increased 7% in 2022, compared to 2021 due to growth in employee services, partially offset by a decrease in unemployment claims management revenue as the number of unemployment claims returned to pre-COVID-19 levels in 2022 after having been significantly higher in 2021 due to the economic impact of COVID-19 on the U.S. economy. Employer Services also benefited from acquisition revenue in 2022.

Revenue increased 19% in 2021 compared to 2020 due to growth in employee services, partially offset by a decrease in unemployment claims revenue as the number of claims greatly reduced in 2021 after having been significantly higher in 2020 due to the economic impact of COVID-19 on the U.S. economy. Employer Services also benefited from acquisition revenue in 2021.

Workforce Solutions Operating Margin. Operating margin decreased to 43.3% in 2022 compared to 49.2% in 2021 due to increased royalty costs, people costs, purchased intangible asset amortization and production costs, which altogether grew faster than the increase in revenue. Operating margin increased to 49.2% in 2021 compared to 48.2% in 2020 primarily due to the increase in revenue, partially offset by increases in royalty, production and people costs.

U.S. Information Solutions

U.S. Information Solutions	Twelve Months Ended December 31,			Change			
	2022	2021	2020	2022 vs. 2021		2021 vs. 2020	
				\$	%	\$	%
(In millions)							
Operating revenue:							
Online Information Solutions	\$ 1,295.4	\$ 1,349.8	\$ 1,296.4	\$ (54.4)	(4) %	\$ 53.4	4 %
Mortgage Solutions	138.3	190.4	199.8	(52.1)	(27) %	(9.4)	(5) %
Financial Marketing Services	224.0	246.5	215.0	(22.5)	(9) %	31.5	15 %
Total operating revenue	\$ 1,657.7	\$ 1,786.7	\$ 1,711.2	\$ (129.0)	(7) %	\$ 75.5	4 %
% of consolidated revenue	33 %	36 %	42 %				
Total operating income	\$ 402.1	\$ 551.8	\$ 515.3	\$ (149.7)	(27) %	\$ 36.5	7 %
Operating margin	24.3 %	30.9 %	30.1 %			(6.6) pts	0.8 pts

U.S. Information Solutions revenue decreased 7% in 2022 compared to 2021 due to the negative impact of declining mortgage inquiry volumes on both online services and mortgage solutions, as well as a decline in marketing solutions, partially offset by growth in non-mortgage online services and acquisition-related revenue. The decline in mortgage related online revenue and mortgage solutions revenue in 2022 is due to declining mortgage credit inquiry volumes caused by declines in mortgage industry originations reflecting higher interest rates during 2022.

U.S. Information Solutions revenue increased 4% in 2021 compared to 2020 due to overall improvements in our core credit decisioning services, acquisition-related revenue and financial marketing services, partially offset by decreases in Mortgage Solutions.

Online Information Solutions. Revenue for 2022 decreased 4% compared to 2021, due to declining mortgage inquiry volumes compared to the prior year, partially offset by continued growth of non-mortgage online services and revenue from acquisitions.

Revenue for 2021 increased 4% compared to 2020, due to continued growth in non-mortgage online services and revenue related to acquisitions, partially offset by a decrease in U.S. consumer and mortgage online services.

Mortgage Solutions. Revenue decreased 27% and 5% in 2022 and 2021, respectively, due to declining mortgage inquiry volumes, as compared to the prior year.

Financial Marketing Services. Revenue decreased 9% in 2022 compared to 2021, driven by lower fraud, risk management and other data services revenue.

Revenue increased 15% in 2021 compared to 2020, due to increased marketing activities by customers as the U.S. economy continued its recovery from the economic impact of COVID-19.

U.S. Information Solutions Operating Margin. USIS operating margin decreased to 24.3% in 2022 compared to 30.9% in 2021, due to the decrease in revenue and increases in depreciation expense related to increased capitalized software development spending and cloud production costs, partially offset by lower production costs. USIS operating margin increased to 30.9% in 2021 compared to 30.1% in 2020, due to increased revenue and lower selling, general and administrative expenses, partially offset by increased depreciation expense, royalty costs and production costs.

International

International	Twelve Months Ended December 31,			Change			
			2020	2022 vs. 2021		2021 vs. 2020	
	2022	2021	\$	%	\$	%	
<i>(In millions)</i>							
Operating revenue:							
Asia Pacific	\$ 348.4	\$ 356.0	\$ 296.5	\$ (7.6)	\$ (2) %	\$ 59.5	20 %
Europe	327.8	319.9	285.2	7.9	2 %	34.7	12 %
Latin America	206.8	175.9	160.3	30.9	18 %	15.6	10 %
Canada	256.1	250.0	212.6	6.1	2 %	37.4	18 %
Total operating revenue	\$ 1,139.1	\$ 1,101.8	\$ 954.6	\$ 37.3	3 %	\$ 147.2	15 %
% of consolidated revenue	22 %	22 %	23 %				
Total operating income	\$ 147.0	\$ 141.9	\$ 75.7	\$ 5.1	4 %	\$ 66.2	87 %
Operating margin	12.9 %	12.9 %	7.9 %		— pts		5.0 pts

International revenue increased by 3% in 2022 as compared to 2021. Local currency revenue increased 12% in 2022, driven by increases in Latin America, Europe, Canada and Asia Pacific. Local currency fluctuations against the U.S. dollar negatively impacted revenue by \$94.8 million, or 9%.

International revenue increased by 15% in 2021 as compared to 2020. Local currency revenue increased 10% in 2021, driven by increases in all geographies as local economies continued to recover from negative impacts of COVID-19 despite the impact of measures to limit its spread in many regions during the year. Local currency fluctuations against the U.S. dollar positively impacted revenue by \$50.4 million, or 5%.

Asia Pacific. Local currency revenue increased 6% in 2022 as compared to 2021 driven by stronger volumes within consumer, commercial and identity and fraud, as well as growth in India due to higher consumer volumes, partially offset by a consumer direct business decline in Australia. Local currency fluctuations against the U.S. dollar negatively impacted revenue by \$29.2 million, or 8%. Reported revenue decreased 2% in 2022 as compared to 2021.

Local currency revenue increased 11% in 2021 as compared to 2020 driven by growth in our commercial, consumer, background check verifications and identity and fraud businesses in Australia, partially offset by declines in recovery management. Additionally, the increase in revenue for 2021 was also attributable to organic growth in India due to higher consumer volumes related to economic recovery from the impacts of COVID-19. Local currency fluctuations against the U.S. dollar positively impacted revenue by \$27.7 million, or 9%. Reported revenue increased 20% in 2021 as compared to 2020.

Europe. Local currency revenue increased 14% in 2022 as compared to 2021, driven by growth in the debt services business and core credit decisioning, identity and fraud, partially offset by a decline in the consumer direct business. Local currency fluctuations against the U.S. dollar negatively impacted revenue by \$37.4 million, or 12%, for 2022. Reported revenue increased 2% in 2022 as compared to 2021.

Local currency revenue increased 6% in 2021 as compared to 2020, driven by growth in the consumer vertical for the U.K. due to improving economic conditions, as well as growth in the debt management vertical driven by higher volumes within both the private and public sector. Local currency fluctuations against the U.S. dollar positively impacted revenue by \$18.4 million, or 6%, for 2021. Reported revenue increased 12% in 2021 as compared to 2020.

Latin America. Local currency revenue increased 29% in 2022 as compared to 2021 reflecting local currency growth across most countries driven by price increases mainly in Argentina and Chile, stronger online consumer growth, as well as growth due to acquisition revenue. Local currency fluctuations against the U.S. dollar negatively impacted revenue by \$20.3 million, or 11%, in 2021, primarily from Argentina and Chile. Reported revenue increased 18% in 2022 as compared to 2021.

Local currency revenue increased 15% in 2021 as compared to 2020 reflecting growth broadly across the region as it recovered from the impacts of COVID-19. Local currency growth rates were strongest in Argentina, Central America, Mexico and Peru, with growth also in Chile and other countries. Local currency fluctuations against the U.S. dollar negatively impacted revenue by \$8.4 million, or 5%, in 2021, primarily from Argentina. Reported revenue increased 10% in 2021 as compared to 2020.

Canada. Local currency revenue increased 6% in 2022 as compared to 2021 primarily driven by strong identity and fraud revenue and higher analytical batch credit services and decisioning online volumes, partially offset by declines in consumer direct services volumes and mortgage related products due to interest rate increases. Local currency fluctuations against the U.S. dollar negatively impacted revenue by \$8.0 million, or 4%, in 2022. Reported revenue increased 2% in 2022 as compared to 2021.

Local currency revenue increased 12% in 2021 as compared to 2020 primarily due to growth in the consumer, commercial, identity and fraud, and analytics businesses, mainly within the mortgage and fintech verticals, as Canada recovered from the negative impacts of COVID-19 despite continued lockdown measures during the year in several Canadian provinces. Local currency fluctuations against the U.S. dollar positively impacted revenue by \$12.7 million, or 6%, in 2021. Reported revenue increased 18% in 2021 as compared to 2020.

International Operating Margin. Operating margin was 12.9% in both 2022 and 2021. The 2022 margin is driven by higher revenue, lower purchased intangible asset amortization costs, and lower incentives, partially offset by higher cloud production costs and depreciation expense related to technology transformation project spending. Operating margin increased to 12.9% in 2021 as compared to 7.9% in 2020. The increase in margin is due to increased revenue, lower purchased intangible asset amortization costs and discretionary expense control, partially offset by increased people costs, royalty costs, production costs and depreciation of capitalized internal-use software and systems costs.

General Corporate Expense

General Corporate Expense	Twelve Months Ended December 31,			Change		
	2022	2021	2020	2022 vs. 2021		2021 vs. 2020
				\$	%	
General corporate expense	\$ 499.1	\$ 556.4	\$ 618.3	\$ (57.3)	(10)%	\$ (61.9) (10)%

Our general corporate expenses are unallocated costs that are incurred at the corporate level and include those expenses impacted by corporate direction, including shared services, technology, administrative, legal, restructuring, and the portion of management incentive compensation determined by total company-wide performance.

General corporate expense decreased \$57.3 million in 2022. The decrease in 2022 as compared to 2021 is due to reduced people costs, primarily incentive plans, and professional fees.

General corporate expense decreased \$61.9 million in 2021. The decrease in 2021 as compared to 2020 is due to a decrease in incremental technology and data security costs associated with our technology transformation, partially offset by increased people costs and amortization expense.

LIQUIDITY AND FINANCIAL CONDITION

Management assesses liquidity in terms of our ability to generate cash to fund operating, investing and financing activities. We continue to generate substantial cash from operating activities, remain in a strong financial position and manage our capital structure to meet short- and long-term objectives including reinvestment in existing businesses and completing strategic acquisitions.

Funds generated by operating activities, our Revolver and related commercial paper (“CP”) program, more fully described below, are our most significant sources of liquidity. At December 31, 2022, we had \$285.2 million in cash balances, as well as \$932.8 million available to borrow under our Revolver.

Sources and Uses of Cash

Our financing activities in 2022, more fully described below, were designed to create additional liquidity through the issuance of senior notes and the pay down of our CP program to increase future borrowing capacity which was used to fund 2022 acquisitions. We had higher cash balances in 2022 versus 2021 and we intend to use this additional capacity, together with cash from operating activities, to meet our current obligations. This included the \$345.0 million consumer class action settlement payment that was made in January 2022 related to the U.S. Consumer MDL Litigation settlement that became effective on January 11, 2022. In addition, during October 2022, we paid off the \$500.0 million Senior Notes due December 2022 with the proceeds from the \$750.0 million 5.1% Senior Notes issued in September 2022 and commercial paper borrowings.

In December 2019, the Compensation Committee of our Board of Directors approved the termination of the Canadian Retirement Income Plan (“CRIP”), the defined benefit pension plan offered to certain employees in Canada, as more fully described in Note 9 of the Notes to Consolidated Financial Statements in Item 8 of this report. As such, during the third quarter of 2022, we settled the liabilities under the CRIP.

Fund Transfer Limitations. The ability of certain of our subsidiaries and associated companies to transfer funds to the U.S. may be limited, in some cases, by certain restrictions imposed by foreign governments. These restrictions do not, individually or in the aggregate, materially limit our ability to service our indebtedness, meet our current obligations or pay dividends. As of December 31, 2022, we held \$202.1 million of cash in our foreign subsidiaries.

Information about our cash flows, by category, is presented in the Consolidated Statements of Cash Flows. The following table summarizes our cash flows for the twelve months ended December 31, 2022, 2021 and 2020:

Net cash provided by (used in):	Twelve Months Ended December 31,			Change		
	2022	2021	2020	2022 vs. 2021	2021 vs. 2020	
(In millions)						
Operating activities	\$ 757.1	\$ 1,334.8	\$ 946.2	\$ (577.7)	\$ 388.6	
Investing activities	\$ (959.5)	\$ (3,398.2)	\$ (492.7)	\$ 2,438.7	\$ (2,905.5)	
Financing activities	\$ 273.7	\$ 617.7	\$ 810.8	\$ (344.0)	\$ (193.1)	

Operating Activities

Cash provided by operating activities for 2022 decreased by \$577.7 million compared to 2021 due to decreased net income and the \$345.0 million consumer class action settlement payment that was made in January 2022 related to the U.S. Consumer MDL Litigation settlement that became effective on January 11, 2022.

Cash provided by operating activities for 2021 increased by \$388.6 million compared to 2020 due to increased net income.

Investing Activities

Net cash used in:	Twelve Months Ended December 31,			Change	
	2022	2021	2020	2022 vs. 2021	2021 vs. 2020
Capital expenditures*	\$ (624.5)	\$ (469.0)	\$ (421.3)	\$ (155.5)	\$ (47.7)

*Amounts above are total cash outflows for capital expenditures.

Our capital expenditures are used for developing, enhancing and deploying new and existing software in support of our expanding product set, replacing or adding equipment, updating systems for regulatory compliance, licensing of standard software applications, investing in system reliability, security and disaster recovery enhancements, and updating or expanding our office facilities.

Capital expenditures increased in 2022 and 2021 from 2021 and 2020, respectively, as we are continuing to invest in enhanced technology systems and infrastructure as part of our technology transformation.

Acquisitions, Divestitures and Investments

Net cash (used in) provided by:	Twelve Months Ended December 31,			Change	
	2022	2021	2020	2022 vs. 2021	2021 vs. 2020
Acquisitions, net of cash acquired	\$ (433.8)	\$ (2,935.6)	\$ (61.4)	\$ 2,501.8	\$ (2,874.2)
Cash received from sale of asset	\$ —	\$ 4.9	\$ —	\$ (4.9)	\$ 4.9
Cash received from divestitures	\$ 98.8	\$ 1.5	\$ —	\$ 97.3	\$ 1.5
Investment in unconsolidated affiliates, net	\$ —	\$ —	\$ (10.0)	\$ —	\$ 10.0

2022 Acquisitions and Investments. During 2022, we acquired Efficient Hire and LawLogix within the Workforce Solutions operating segment. We acquired Midigator within the USIS operating segment. We acquired Data Crédito within the International operating segment. During 2022, we sold multiple equity investments.

2021 Acquisitions and Investments. During 2021, we acquired Appriss Insights, HIREtech, i2Verify and Health e(fx) within the Workforce Solutions operating segment. We acquired Kount and Teletrack within the USIS operating segment. We acquired AccountScore, as well as the remaining noncontrolling interest of businesses within our International segment.

2020 Acquisitions and Investments. During 2020, we acquired the remaining interest in our India joint venture in our International operating segment and completed an additional acquisition in our USIS operating segment.

For additional information about our acquisitions, see Note 3 of the Notes to Consolidated Financial Statements in Item 8 of this report.

Financing Activities

Net cash provided by (used in):	Twelve Months Ended December 31,			Change	
	2022	2021	2020	2022 vs. 2021	2021 vs. 2020
Net short-term borrowings (repayments)	\$ 242.2	\$ 323.4	\$ (0.7)	\$ (81.2)	\$ 324.1
Payments on long-term debt	\$ (500.0)	\$ (1,100.2)	\$ (125.0)	\$ 600.2	\$ (975.2)
Proceeds from issuance of long-term debt	\$ 749.3	\$ 1,697.1	\$ 1,123.3	\$ (947.8)	\$ 573.8

Borrowing and Repayment Activity. Net short-term repayments primarily represent repayments or borrowings of outstanding amounts under our CP program. We primarily borrow under our CP program as needed and as availability allows.

The decrease in short-term borrowings in 2022 is due to lower net short-term borrowings on our CP notes during the year as compared to 2021. The increase in short-term borrowings in 2021 is due to net short-term borrowings of our CP notes. The decrease in net short-term repayments in 2020 primarily relates to the net repayments of our CP notes.

In September 2022, we issued \$750.0 million aggregate principal amount of 5.1% five-year Senior Notes due 2027 (the "2027 Notes") in an underwritten public offering. Interest on the 2027 Notes accrues at a rate of 5.1% per year and is payable semi-annually in arrears on June 15 and December 15 of each year. The net proceeds of the sale of the 2027 Notes were ultimately used to repay, in October 2022, our then-outstanding \$500.0 million 3.30% Senior Notes due December 2022. The remaining proceeds were used for general corporate purposes, including the repayment of borrowings under our commercial paper program. We must comply with various non-financial covenants, including certain limitations on mortgages, liens and sale-leaseback transactions, as well as mergers and sales of substantially all of our assets. The 2027 Notes are unsecured and rank equally with all of our other unsecured and unsubordinated indebtedness.

In August 2021, we issued \$1.0 billion aggregate principal amount of 2.35% ten-year Senior Notes due 2031 (the "2031 Notes") in an underwritten public offering. Interest on the 2031 Notes accrues at a rate of 2.35% per year and is payable semi-annually in arrears on March 15 and September 15 of each year, beginning on March 15, 2022. The net proceeds of the sale of the 2031 Notes were used to repay the \$300.0 million 3.6% Senior Notes due 2021 and \$300.0 million Floating Rate Notes due 2021. The remaining proceeds were used for general corporate purposes, including the repayment of borrowings under our CP program and the funding of acquisitions, including the Company's \$1.825 billion acquisition of Appriss Insights. In addition, we also entered into a new \$700.0 million delayed draw term loan facility during August 2021.

In April 2020, we issued \$400.0 million aggregate principal amount of 2.6% five-year Senior Notes due 2025 (the "2025 Notes") and \$600.0 million aggregate principal amount of 3.1% ten-year Senior Notes due 2030 (the "2030 Notes") in an underwritten public offering. Interest on the 2025 Notes accrues at a rate of 2.6% per year and is payable semi-annually in arrears on June 15 and December 15 of each year. Interest on the 2030 Notes accrues at a rate of 3.1% per year and is payable semi-annually in arrears on May 15 and November 15 of each year. The net proceeds of the sale of the notes were used to repay borrowings under our Receivables Facility and Revolver, while the remaining funds were used for general corporate purposes.

Payments on long-term debt in 2022 reflect the October 2022 repayment of the \$500.0 million Senior Notes due December 2022 with the proceeds from the \$750.0 million 5.1% Senior Notes issued in September 2022 and commercial paper borrowings. Payments on long-term debt in 2021 reflect payments on the 2.3% Senior Notes, 3.6% Senior Notes and Floating Rate Notes that were due in 2021 using proceeds from the issuance of Senior Notes and the new term loan. Payments on long-term debt in 2020 reflect payments on our Receivable Facility using proceeds from the issuance of the senior notes.

Credit Facility Availability. In August 2021, the Company refinanced the existing unsecured revolving credit facility of \$1.1 billion set to expire September 2023, and entered into a new \$1.5 billion five-year unsecured revolving credit facility (the "Revolver") and a new \$700.0 million delayed draw term loan ("Term Loan"), collectively known as the "Senior Credit Facilities," both which mature in August 2026. Borrowings under the Senior Credit Facilities may be used for working capital, for capital expenditures, to refinance existing debt, to finance acquisitions and for other general corporate purposes. The Revolver includes an option to request a maximum of three one-year extensions of the maturity date, any time after the first anniversary of the closing date of the Revolver. We believe we are currently in compliance with all representations and warranties necessary as a condition for borrowing under the Revolver, but we cannot assure that we will be able to comply with all such conditions for borrowing in the future. Availability of the Revolver is reduced by the outstanding principal balance of our CP notes and by any letters of credit issued under the Revolver.

In the third quarter of 2021, we increased the size of our CP program from \$1.1 billion to \$1.5 billion, consistent with the increase in our Revolver. Our \$1.5 billion CP program has been established to allow for borrowing through the private placement of CP with maturities ranging from overnight to 397 days. We may use the proceeds of CP for general corporate purposes. The CP program is supported by our Revolver and the total amount of CP which may be issued is reduced by the amount of any outstanding borrowings under our Revolver and by any letters of credit issued under the facility.

As of December 31, 2022, there were \$566.8 million of outstanding CP notes, \$0.4 million of letters of credit outstanding, no outstanding borrowings under the Revolver and \$700.0 million outstanding under the Term Loan. Availability under the Revolver was \$932.8 million at December 31, 2022.

At December 31, 2022, approximately 78% of our debt was fixed rate and 22% was variable rate. Our variable-rate debt consists of CP and term loan borrowings. The interest rate resets periodically, based on the terms of the respective financing arrangement. At December 31, 2022, the interest rate on our variable-rate debt ranged from 4.55% to 5.63%.

In November 2020, we terminated our \$225.0 million receivables funding facility (the “Receivables Facility”).

Debt Covenants. A downgrade in credit ratings would increase the cost of borrowings under our CP program, Revolver and Term Loan, and could limit or, in the case of a significant downgrade, preclude our ability to issue CP. Our outstanding indentures and comparable instruments also contain customary covenants including, for example, limits on mortgages, liens, sale/leaseback transactions, mergers and sales of assets.

In August 2021, we entered into our new Senior Credit Facilities as noted above in anticipation of the Appriss Insights acquisition. The Senior Credit Facilities include a maximum leverage ratio, defined as consolidated funded debt divided by consolidated EBITDA for the preceding four quarters, of (i) 3.75 to 1.0 initially, (ii) 4.25 to 1.0 for the first fiscal quarter ending after the consummation of the Appriss Insights acquisition on October 1, 2021, through the third quarter of 2022, (iii) 4.0 to 1.0 for the fourth quarter of 2022 through the first quarter of 2023 and (iv) 3.75 to 1.0 for the second quarter of 2023 through the remaining term of the Revolver. We may also elect to increase the maximum leverage ratio by 0.5 to 1.0 (subject to a maximum leverage ratio of 4.75 to 1.0) in connection with certain material acquisitions if we satisfy certain requirements. The Senior Credit Facilities also permit cash in excess of \$175 million to be netted against debt in the calculation of the leverage ratio, subject to certain restrictions.

None of these covenants are considered restrictive to our operations. As of December 31, 2022, we were in compliance with all of our debt covenants.

We do not have any credit rating triggers that would accelerate the maturity of a material amount of the outstanding debt; however, our 3.95% senior notes due 2023, 2.6% senior notes due 2024, 2.6% senior notes due 2025, 3.25% senior notes due 2026, 5.1% senior notes due 2027, 3.1% senior notes due 2030, 2.35% senior notes due 2031 and 7.0% senior notes due 2037 (together, the “Senior Notes”) contain change in control provisions. If we experience a change of control or publicly announces our intention to effect a change of control and the rating on the Senior Notes is lowered by Standard & Poor’s (“S&P”) and Moody’s Investors Service (“Moody’s”) below an investment grade rating within 60 days of such change of control or notice thereof, then we will be required to offer to repurchase the Senior Notes at a price equal to 101% of the aggregate principal amount of the Senior Notes plus accrued and unpaid interest.

Credit Ratings. Credit ratings reflect an independent agency’s judgment on the likelihood that a borrower will repay a debt obligation at maturity. The ratings reflect many considerations, such as the nature of the borrower’s industry and its competitive position, the size of the company, its liquidity and access to capital and the sensitivity of a company’s cash flows to changes in the economy. A security rating is not a recommendation to buy, sell or hold securities and may be subject to revision or withdrawal at any time by the assigning rating agency.

A downgrade in our credit rating would increase the cost of borrowings under our CP program, Revolver and Term Loan, and could limit, or in the case of a significant downgrade, preclude our ability to issue CP. If our credit ratings were to decline to lower levels, we could experience increases in the interest cost for any new debt. In addition, the market’s demand for, and thus our ability to readily issue, new debt could become further affected by the economic and credit market environment. These ratings are subject to change as events and circumstances change.

For additional information about our debt, including the terms of our financing arrangements, basis for variable interest rates and debt covenants, see Note 5 of the Notes to Consolidated Financial Statements in Item 8 of this report.

Equity Transactions

Net cash (used in) provided by:	Twelve Months Ended December 31,			Change	
	2022	2021	2020	2022 vs. 2021	2021 vs. 2020
Treasury stock purchases	\$ —	\$ (69.9)	\$ —	\$ 69.9	\$ (69.9)
Dividends paid to Equifax shareholders	\$ (191.1)	\$ (190.0)	\$ (189.5)	\$ (1.1)	\$ (0.5)
Dividends paid to noncontrolling interests	\$ (3.1)	\$ (6.5)	\$ (4.6)	\$ 3.4	\$ (1.9)
Proceeds from exercise of stock options and employee stock purchase plan	\$ 16.9	\$ 46.8	\$ 41.7	\$ (29.9)	5.1
Purchase of redeemable noncontrolling interests	\$ (0.4)	\$ (11.2)	\$ (9.0)	\$ 10.8	\$ (2.2)

Sources and uses of cash related to equity during the twelve months ended December 31, 2022, 2021 and 2020 were as follows:

- We did not repurchase any shares from public market transactions in 2022. We repurchased 0.4 million of common shares from public market transactions in 2021. We did not repurchase any shares from public market transactions in 2020. As of December 31, 2022, under the existing board authorization, the Company is approved for additional stock repurchases of \$520.2 million.
- During the twelve months ended December 31, 2022, 2021 and 2020, we paid cash dividends to Equifax shareholders of \$191.1 million, \$190.0 million and \$189.5 million, respectively, at \$1.56 per share for 2022, 2021 and 2020.

We anticipate continuing the payment of quarterly cash dividends. The actual amount of such dividends is subject to declaration by our Board of Directors and will depend upon future earnings, results of operations, capital requirements, our financial condition and other relevant factors. There can be no assurance that the Company will continue to pay quarterly cash dividends at current levels or at all.

Contractual Obligations and Commercial Commitments

The company's material cash requirements include the following contractual and other obligations. Our plan is to use existing cash balances and funds generated by operating activities to fund our obligations and commitments. If our cash requirements exceed our existing cash balances and funds generated by operations, we will finance future cash requirements with existing borrowing capacity, as necessary. In the event that additional financing is needed, we would finance using the public and private corporate bond markets and/or syndicated loan markets, if available. The following sections provide details of material cash requirements from known contractual and other obligations as of December 31, 2022.

Debt

As of December 31, 2022, we had outstanding variable and fixed rate notes with varying maturities for an aggregate principal amount of \$5.3 billion, with \$400.4 million payable within the next twelve months, as detailed further in Note 5 of the Notes to Consolidated Financial Statements in Item 8 of this report. Future interest payments associated with the outstanding variable and fixed rate notes totals \$1,078.8 million, with \$219.6 million payable within the next twelve months.

We also issue unsecured short-term promissory notes through our revolving credit facility and CP program, which is set to expire in August 2026. As of December 31, 2022, we had no amount outstanding under our unsecured revolving credit facility and \$566.8 million outstanding under our CP program.

Data Processing, Outsourcing Agreements and Other Purchase Obligations

We utilize several outsourcing partners for services that we outsource associated with our computer data processing operations and related functions, cloud provider services and certain administrative functions. These agreements expire between 2023 and 2028. As of December 31, 2022 the estimated aggregate minimum contractual obligation remaining under these agreements is approximately \$948.3 million, with \$361.0 million payable within the next twelve months.

Pension, Post-Retirement and Deferred Compensation Obligations

As detailed further in Note 9 of the Notes to Consolidated Financial Statements in Item 8 of this report, we have several pension, post-retirement benefit and deferred compensation plans. Our U.S. Retirement Plan is frozen and is supported by plan assets to fund future payments. During the third quarter of 2022, we settled the liabilities under our Canadian Retirement Income Plan. We have three supplemental retirement plans for certain key employees which are unfunded. As of December 31, 2022, the total gross obligation for the pension and post retirement plans was \$513.9 million, with \$44.2 million of benefits expected to be paid within the next twelve months.

We maintain deferred compensation plans for certain management employees and the Board of Directors to defer the receipt of compensation until a later date based on the terms of the plan. As of December 31, 2022, the total obligation for the deferred compensation plans was \$39.9 million, with \$3.8 million expected to be paid within the next twelve months. These obligations exclude those under our deferred stock compensation plans.

Payments to Resolve Certain Legal Proceedings and Investigations

The Company has made and expects to make payments to resolve certain legal proceedings and investigations related to the 2017 cybersecurity incident, described more fully in "Item 3. Legal Proceedings" in this Form 10-K. Through 2022, the Company has made payments of \$788.6 million for legal settlements related to the 2017 cybersecurity incident. On January 11, 2022, the Consumer Settlement became effective, and on January 24, 2022, we deposited the \$345.0 million remaining to be paid to the Consumer Restitution Fund.

Leases

As detailed further in Note 12 of the Notes to Consolidated Financial Statements in Item 8 of this report, our lease arrangements principally involve office space. As of December 31, 2022, our total fixed lease payment obligations were \$105.1 million, with \$29.7 million payable within the next twelve months.

Other Planned Uses of Capital

We will continue to invest in sales, marketing, new product development, security and our technology, as well as continue to make strategic acquisitions that align with our business strategy. Additions to property and equipment will continue in order to support growth in our technology transformation and new product development, although we expect spending related to capital expenditures for the next twelve months to be down from current levels.

Off-Balance Sheet Transactions

We do not engage in off-balance sheet financing activities.

Pursuant to the terms of certain industrial revenue bonds, we previously transferred title to certain of our fixed assets with total costs of \$156.4 million as of December 31, 2021 to a local governmental authority in the U.S. to receive a property tax abatement related to economic development. As of December 31, 2022, the title to these assets had reverted back to us upon the retirement of the applicable bonds. These fixed assets are recognized in the Company's Consolidated Balance Sheets as all risks and rewards remain with the Company.

Letters of Credit and Guarantees

We will from time to time issue standby letters of credit, performance or surety bonds or other guarantees in the normal course of business. The aggregate notional amount of all performance and surety bonds and standby letters of credit was not material at December 31, 2022, and generally have a remaining maturity of one year or less. Guarantees are issued from time to time to support the needs of our operating units. The maximum potential future payments we could be required to make under the guarantees is not material at December 31, 2022.

Benefit Plans

We sponsor a qualified defined benefit retirement plan, the U.S. Retirement Income Plan ("USRIP"), that covers approximately 6% of current U.S. salaried employees who were hired on or before June 30, 2007, the last date on which an individual could be hired and enter the plan before the USRIP was closed to new participation at December 31, 2008. This plan

also covers retirees as well as certain terminated but vested individuals not yet in retirement status. We also sponsored a retirement plan with both defined benefit and defined contribution components that covered most salaried and hourly employees in Canada, the Canadian Retirement Income Plan ("CRIP"); the defined benefit component was also closed to new hires on October 1, 2011.

During the twelve months ended December 31, 2022, we made no voluntary contributions to the USRIP and made contributions of \$15.5 million to the CRIP. During the twelve months ended December 31, 2021, we made no voluntary contributions to the USRIP and made contributions of \$2.8 million to the CRIP. At December 31, 2022, the USRIP met or exceeded ERISA's minimum funding requirements. In the future, we will make minimum funding contributions as required and may make discretionary contributions, depending on certain circumstances, including market conditions and liquidity needs. We believe additional funding contributions would not prevent us from continuing to meet our liquidity needs, which are primarily funded from cash flows generated by operating activities, available cash and cash equivalents, and our credit facilities. During the third quarter of 2022, we settled the liabilities under the CRIP.

For our non-U.S. tax-qualified retirement plans, we fund an amount sufficient to meet minimum funding requirements but no more than allowed as a tax deduction pursuant to applicable tax regulations. For the non-qualified supplemental retirement plans, we fund the benefits as they are paid to retired participants, but accrue the associated expense and liabilities in accordance with GAAP.

For additional information about our benefit plans, see Notes 1 and 9 of the Notes to Consolidated Financial Statements in Item 8 of this report.

Effects of Inflation and Changes in Foreign Currency Exchange Rates

Inflation in the countries in which we operate may result in increases in the Company's expenses, which may not be readily recoverable in the price of services offered. To the extent inflation results in rising U.S. interest rates and has other adverse effects upon the U.S. securities markets and upon the value of financial instruments, it may adversely affect the Company's financial position and profitability. Increases in U.S. interest rates may also negatively impact the U.S. mortgage market, which may adversely affect the Company's revenue, financial position and profitability.

A portion of the Company's business is conducted in currencies other than the U.S. dollar and changes in foreign exchange rates relative to the U.S. dollar can therefore affect the value of non-U.S. dollar net assets, revenues and expenses. Potential exposures as a result of these fluctuations in currencies are closely monitored. We generally do not mitigate the risks associated with fluctuating exchange rates, although we may from time to time through forward contracts or other derivative instruments, hedge a portion of our translational foreign currency exposure or exchange rate risks associated with material transactions which are denominated in a foreign currency.

RECENT ACCOUNTING PRONOUNCEMENTS

For information about new accounting pronouncements and the potential impact on our Consolidated Financial Statements, see Note 1 of the Notes to Consolidated Financial Statements in Item 8 of this report.

CRITICAL ACCOUNTING POLICIES AND ESTIMATES

The Company's Consolidated Financial Statements are prepared in conformity with U.S. generally accepted accounting principles, or GAAP. This requires our management to make estimates and assumptions that affect the reported amounts of assets and liabilities, revenues and expenses and related disclosures of contingent assets and liabilities in our Consolidated Financial Statements and the Notes to Consolidated Financial Statements. The following accounting policies involve critical accounting estimates because they are particularly dependent on estimates and assumptions made by management about matters that are uncertain at the time the accounting estimates are made. In addition, while we have used our best estimates based on facts and circumstances available to us at the time, different estimates reasonably could have been used in the current period, or changes in the accounting estimates that we used are reasonably likely to occur from period to period, either of which may have a material impact on the presentation of our Consolidated Balance Sheets, Statements of Income, and Statements of Comprehensive Income. We also have other significant accounting policies which involve the use of estimates, judgments and assumptions that are relevant to understanding our results. For additional information about these policies, see Note 1 of the Notes to Consolidated Financial Statements in Item 8 of this report. Although we believe that our estimates, assumptions and judgments are reasonable, they are based upon information available at the time. Actual results may differ significantly from these estimates under different assumptions, judgments or conditions.

Revenue Recognition

In accordance with ASC 606, "Revenue from Contracts with Customers," we recognize revenue when a performance obligation has been satisfied by transferring a promised good or service to a customer and the customer obtains control of the good or service. In order to recognize revenue, we note that the two parties must have an agreement that creates enforceable rights, the performance obligations must be distinct and the transaction price can be determined. Our revenue is derived from the provision of information services to our customers on a transactional basis, in which distinct services are delivered over time as the customer simultaneously receives and consumes the benefits of the services delivered. To measure our performance over time, the output method is utilized to measure the value to the customer based on the transfer to date of the services promised, with no rights of return once consumed. In these cases, revenue on transactional contracts with a defined price but an undefined quantity is recognized utilizing the right to invoice expedient resulting in revenue being recognized when the service is provided and billed. Additionally, multi-year contracts with defined pricing but an undefined quantity that utilize tier pricing would be defined as a series of distinct performance obligations satisfied over time utilizing the same method of measurement, the output method, with no rights of return once consumed. This measurement method is applied on a monthly basis resulting in revenue being recognized when the service is provided and billed.

Additionally, we recognize revenue from subscription-based contracts under which a customer pays a preset fee for a predetermined or unlimited number of transactions or services provided during the subscription period, generally one year. Revenue from subscription-based contracts having a preset number of transactions is recognized as the services are provided, using an effective transaction rate as the actual transactions are delivered. Any remaining revenue related to unfulfilled units is not recognized until the end of the related contract's subscription period. Revenue from subscription-based contracts having an unlimited volume is recognized ratably during the contract term. Multi-year subscription contracts are analyzed to determine the full contract transaction price over the term of the contract and the subsequent price is ratably recognized over the full term of the contract.

Revenue is recorded net of sales taxes.

If at the outset of an arrangement, we determine that collectability is not reasonably assured, revenue is deferred until the earlier of when collectability becomes probable or the receipt of payment from the customer. If there is uncertainty as to the customer's acceptance of the performance obligation, revenue is not recognized until the earlier of receipt of customer acceptance or expiration of the acceptance period.

Certain costs incurred prior to the satisfaction of a performance obligation are deferred as contract costs and are amortized on a systematic basis consistent with the pattern of transfer of the related goods and services. These costs generally consist of labor costs directly relating to the implementation and setup of the contract.

Contract Balances – The contract balances are generated when revenue recognized varies from billing in a given period. A contract asset is created when an entity transfers a good or service to a customer and recognizes more revenue than what has been billed. As of December 31, 2022, the contract asset balance was \$12.2 million. A contract liability is created when an entity transfers a good or service to a customer and recognizes less than what has been billed. Deferred revenue is recognized when we have an obligation to transfer goods or services to a customer and have already received consideration from the customer. We generally expect to recognize our deferred revenue as revenue within twelve months of being recorded based on the terms of the contracts.

Goodwill

We review goodwill for impairment annually (as of September 30) and whenever events or changes in circumstances indicate the carrying value of an asset may not be recoverable. These events or circumstances could include a significant change in the business climate, legal factors, operating performance or trends, competition, or sale or disposition of a significant portion of a reporting unit. We have six reporting units: Workforce Solutions, USIS, Asia Pacific, Europe, Latin America and Canada.

We performed a qualitative assessment to determine whether further impairment testing was necessary for our Workforce Solutions, USIS, Latin America, Europe and Canada reporting units. In this qualitative assessment, we considered the following items for each of the reporting units: macroeconomic conditions, industry and market conditions, overall financial performance and other entity specific events. In addition, for each of these reporting units, the most recent fair value determination resulted in an amount that significantly exceeded the carrying amount of the reporting units. Based on these assessments, we determined the likelihood that a current fair value determination would be less than the current carrying

amount of the reporting unit is not more likely than not. As a result of our conclusions, no further testing was required for these reporting units.

The goodwill balance at December 31, 2022, for our six reporting units was as follows:

	December 31, 2022 (In millions)
Workforce Solutions	\$ 2,520.8
U.S. Information Solutions	2,004.8
Asia Pacific	1,361.2
Europe	169.3
Latin America	237.9
Canada	89.9
Total goodwill	\$ 6,383.9

Valuation Techniques

We performed a quantitative assessment for our Asia Pacific reporting unit to determine whether impairment exists from the most recent valuation date due to the size of the cushion and overall uncertainty in the reporting unit due to the negative impacts of the COVID-19 pandemic on the region. In determining the fair value of the reporting unit, we used a combination of the income and market approaches to estimate the reporting unit's business enterprise value.

Under the income approach, we calculate the fair value of a reporting unit based on estimated future discounted cash flows which require assumptions about short and long-term revenue growth rates, operating margins for the reporting unit, discount rates, foreign currency exchange rates and estimates of capital expenditures. The assumptions we use are based on what we believe a hypothetical marketplace participant would use in estimating fair value. Under the market approach, we estimate the fair value based on market multiples of revenue or earnings before income taxes, depreciation and amortization, for benchmark companies or guideline transactions. We believe the benchmark companies used for our Asia Pacific reporting unit serves as an appropriate input for calculating a fair value for the reporting unit as those benchmark companies have similar risks, participate in similar markets, provide similar services for their customers and compete with us directly. The companies we use as benchmarks are principally outlined in our discussion of Competition in Item 1 of this Form 10-K and have not significantly changed since the date of our last annual impairment test. Competition for our Asia Pacific reporting unit generally includes global consumer credit reporting companies, such as Experian, which offer a product suite similar to the reporting unit's credit reporting solutions.

The values separately derived from each of the income and market approach valuation techniques were used to develop an overall estimate of a reporting unit's fair value. We use a consistent approach across all reporting units when considering the weight of the income and market approaches for calculating the fair value of each of our reporting units. This approach relies more heavily on the calculated fair value derived from the income approach with 70% of the value coming from the income approach. We believe this approach is consistent with that of a market participant in valuing prospective purchase business combinations. The selection and weighting of the various fair value techniques may result in a higher or lower fair value. Judgment is applied in determining the weightings that are most representative of fair value.

We have not made any material changes to the valuation methodology we use to assess goodwill impairment since the date of our last annual impairment test.

Growth Assumptions

The assumptions for our future cash flows begin with our historical operating performance, the details of which are described in our Management's Discussion & Analysis of operating performance. Additionally, we consider the impact that known economic, industry and market trends, including the impact of rising interest rates and inflation, will have on our future forecasts, as well as the impact that we expect from planned business initiatives including new product initiatives, client service and retention standards, and cost management programs. At the end of the forecast period, the long-term growth rate we used to determine the terminal value of our Asia Pacific reporting unit was between 3.0% and 4.0% based on management's assessment of the minimum expected terminal growth rate of the reporting unit, as well as broader economic considerations such as GDP, inflation and the maturity of the markets we serve.

We projected revenue growth in 2023 for our Asia Pacific reporting unit in completing our 2022 impairment testing based on expected continued economic recovery from the negative impact the COVID-19 pandemic had on these regions in previous years and planned business initiatives and prevailing trends exhibited by this reporting unit. The anticipated revenue growth in this reporting unit, however, is partially offset by assumed increases in expenses and capital expenditures for the reporting unit which reflects the additional level of investment needed in order to achieve the planned revenue growth and completion of our technology transformation initiatives.

Discount Rate Assumptions

We utilize a weighted average cost of capital, or WACC, in our impairment analysis that makes assumptions about the capital structure that we believe a market participant would make and include a risk premium based on an assessment of risks related to the projected cash flows for the reporting unit. We believe this approach yields a discount rate that is consistent with an implied rate of return that a market participant would require for an investment in a company having similar risks and business characteristics to the reporting unit being assessed. To calculate the WACC, the cost of equity and cost of debt are multiplied by the assumed capital structure of the reporting unit as compared to industry trends and relevant benchmark company structures. The cost of equity was computed using the Capital Asset Pricing Model which considers the risk-free interest rate, beta, equity risk premium and specific company risk premium related to a particular reporting unit. The cost of debt was computed using a benchmark rate and the Company's tax rate. For the 2022 annual goodwill impairment evaluation, the discount rate used to develop the estimated fair value of the Asia Pacific reporting unit was between 9.5% and 11.0%.

Estimated Fair Value and Sensitivities

The estimated fair value of the reporting unit is derived from the valuation techniques described above incorporating the related projections and assumptions. Impairment occurs when the estimated fair value of the reporting unit is below the carrying value of its equity. The estimated fair value for our Asia Pacific reporting unit exceeded its related carrying value as of September 30, 2022. As a result, no goodwill impairment was recorded.

The estimated fair value of the reporting unit is highly sensitive to changes in these projections and assumptions; therefore, in some instances changes in these assumptions could impact whether the fair value of a reporting unit is greater than its carrying value. For example, an increase in the discount rate and decline in the projected cumulative cash flow of a reporting unit could cause the fair value of certain reporting units to be below its carrying value. We perform sensitivity analyses around these assumptions in order to assess the reasonableness of the assumptions and the resulting estimated fair values. Ultimately, future potential changes in these assumptions may impact the estimated fair value of a reporting unit and cause the fair value of the reporting unit to be below its carrying value. Due to the lower cushion when compared to other reporting units, Asia Pacific is more sensitive to changes in the assumptions noted above that could result in a fair value that is less than its carrying value. The excess of fair value over carrying value for the Asia Pacific reporting unit was greater than 5% and 10% as of September 30, 2022 and September 30, 2021, respectively.

Given the relatively smaller excess of fair value over carrying value for the Asia Pacific reporting unit, we believe that it is at risk of a possible future goodwill impairment. The excess of fair value for the Asia Pacific reporting unit is lower in 2022 than in 2021 primarily due to higher observed risk free interest rates and the loss of income from our joint venture in Russia which was formerly included in this reporting unit. The future impact of changes in economic conditions, including rising interest rates and inflation, remains uncertain. Avoidance of a future impairment will be dependent on continued growth during current economic conditions and our ability to execute on initiatives to grow revenue and manage expenses prudently. We will continue to monitor the performance of this reporting unit to ensure no interim indications of possible impairment have occurred before our next annual goodwill impairment assessment in September 2023.

Loss Contingencies

We are subject to various proceedings, lawsuits and claims arising in the normal course of our business. We determine whether to disclose and/or accrue for loss contingencies based on our assessment of whether the potential loss is estimable, probable, reasonably possible or remote.

In 2017, we experienced a cybersecurity incident following a criminal attack on our systems that involved the theft of personal information of consumers. As a result of the 2017 cybersecurity incident, we were subject to proceedings and investigations as described in "Item 3. Legal Proceedings" in this Form 10-K. We recorded estimated expenses, net of insurance recoveries, of \$800.9 million in other current liabilities and selling, general, and administrative expenses in our Consolidated Statements of Income (Loss) for the twelve months ended December 31, 2019, exclusive of our legal and professional services expenses. The amount accrued represents our best estimate of the liability related to these matters. The Company will continue

to evaluate information as it becomes known and adjust accruals for new information and further developments in accordance with ASC 450-20-25. While it is reasonably possible that losses exceeding the amount accrued may be incurred, it is not possible at this time to estimate the additional possible loss in excess of the amount already accrued that might result from adverse judgments, settlements, penalties or other resolution of the proceedings and investigations described in "Item 3. Legal Proceedings" in this Form 10-K.

Judgments and uncertainties — We periodically review claims and legal proceedings and assess whether we have potential financial exposure based on consultation with internal and outside legal counsel and other advisors. If the likelihood of an adverse outcome from any claim or legal proceeding is probable and the amount can be reasonably estimated, we record a liability on our Consolidated Balance Sheets for the estimated amount. If the likelihood of an adverse outcome is reasonably possible, but not probable, we provide disclosures related to the potential loss contingency. Our assumptions related to loss contingencies are inherently subjective.

Effect if actual results differ from assumptions — We do not believe there is a reasonable likelihood that there will be a material change in the future estimates or assumptions we use to determine loss contingencies. However, if facts and circumstances change in the future that change our belief regarding assumptions used to determine our estimates, we may be exposed to a loss that could be material.

Income Taxes

We record deferred income taxes using enacted tax laws and rates for the years in which the taxes are expected to be paid. We assess the likelihood that our deferred tax assets will be recovered from future taxable income or other tax planning strategies. To the extent that we believe that recovery is not likely, we must establish a valuation allowance to reduce the deferred tax assets to the amount we estimate will be recoverable.

Our income tax provisions are based on assumptions and calculations which will be subject to examination by various tax authorities. We record tax benefits for positions in which we believe are more likely than not of being sustained under such examinations. We assess the potential outcome of such examinations to determine the adequacy of our income tax accruals.

Judgments and uncertainties — We consider accounting for income taxes critical because management is required to make significant judgments in determining our provision for income taxes, our deferred tax assets and liabilities, and our future taxable income for purposes of assessing our ability to realize any future benefit from our deferred tax assets. These judgments and estimates are affected by our expectations of future taxable income, mix of earnings among different taxing jurisdictions, and timing of the reversal of deferred tax assets and liabilities.

We also use our judgment to determine whether it is more likely than not that we will sustain positions that we have taken on tax returns and, if so, the amount of benefit to initially recognize within our financial statements. We review our uncertain tax positions and adjust our unrecognized tax benefits in light of changes in facts and circumstances, such as changes in tax law, interactions with taxing authorities and developments in case law. These adjustments to our unrecognized tax benefits may affect our income tax expense. Settlement of uncertain tax positions may require use of our cash. At December 31, 2022, \$42.7 million was recorded for uncertain tax benefits, including interest and penalties, of which it is reasonably possible that up to \$3.9 million of our unrecognized tax benefit may change within the next twelve months.

Effect if actual results differ from assumptions — Although management believes that the judgments and estimates discussed herein are reasonable, actual results could differ, and we may be exposed to increases or decreases in income tax expense that could be material.

Purchase Accounting for Acquisitions

We account for acquisitions under Accounting Standards Codification 805, Business Combinations. In general, the acquisition method of accounting requires companies to record assets acquired and liabilities assumed at their respective fair market values at the date of acquisition. We primarily estimate fair value of identified intangible assets using discounted cash flow analyses based on market participant based inputs. Any amount of the purchase price paid that is in excess of the estimated fair values of net assets acquired is recorded in the line item Goodwill in our Consolidated Balance Sheets. Transaction costs, as well as costs to reorganize acquired companies, are expensed as incurred in our Consolidated Statements of Income.

Judgments and uncertainties — We consider accounting for business combinations critical because management's judgment is used to determine the estimated fair values assigned to assets acquired and liabilities assumed and amortization periods for intangible assets which can materially affect our results of operations.

Effect if actual results differ from assumptions — Although management believes that the judgments and estimates discussed herein are reasonable, actual results could differ and we may be exposed to an impairment charge if we are unable to recover the value of the recorded net assets.

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

In the normal course of our business, we are exposed to market risk, primarily from changes in foreign currency exchange rates and interest rates that could impact our results of operations and financial position. We manage our exposure to these market risks through our regular operating and financing activities and, when deemed appropriate, through the use of derivative financial instruments, such as interest rate swaps, to hedge certain of these exposures. We use derivative financial instruments as risk management tools and not for speculative or trading purposes.

Foreign Currency Exchange Rate Risk

A substantial majority of our revenue, expense and capital expenditure activities are transacted in U.S. dollars. However, we do transact business in other currencies, primarily the British pound, the Australian dollar, the Canadian dollar, the Chilean peso, the Argentine peso and the Euro. For most of these foreign currencies, we are a net recipient, and, therefore, benefit from a weaker U.S. dollar and are adversely affected by a stronger U.S. dollar relative to the foreign currencies in which we transact significant amounts of business.

We are required to translate, or express in U.S. dollars, the assets and liabilities of our foreign subsidiaries that are denominated or measured in foreign currencies at the applicable year-end rate of exchange on our Consolidated Balance Sheets and income statement items of our foreign subsidiaries at the average rates prevailing during the year. We record the resulting translation adjustment, and gains and losses resulting from the translation of intercompany balances of a long-term investment nature within other comprehensive income, as a component of our shareholders' equity. Foreign currency transaction gains and losses, which have historically been immaterial, are recorded on our Consolidated Statements of Income (Loss). We generally do not mitigate the risks associated with fluctuating exchange rates, although we may from time to time through forward contracts or other derivative instruments hedge a portion of our translational foreign currency exposure or exchange rate risks associated with material transactions which are denominated in a foreign currency.

For the year ended December 31, 2022, a 10% weaker U.S. dollar against the currencies of all foreign countries in which we had operations during 2022 would have increased our revenue by \$105.8 million and our pre-tax operating profit by \$8.2 million. For the year ended December 31, 2021, a 10% weaker U.S. dollar against the currencies of all foreign countries in which we had operations during 2021 would have increased our revenue by \$107.4 million and our pre-tax operating profit by \$13.6 million. A 10% stronger U.S. dollar would have resulted in similar decreases to our revenue and pre-tax operating profit for 2022 and 2021.

On average across our mix of international businesses, foreign currencies at December 31, 2022 were weaker against the U.S. dollar than the average foreign exchange rates that prevailed across the full year 2021. As a result, if foreign exchange rates were unchanged throughout 2022, foreign exchange translation would increase growth as reported in U.S. dollars. As foreign exchange rates change daily, there can be no assurance that foreign exchange rates will remain constant throughout 2023, and rates could go either higher or lower.

Interest Rate Risk

Our exposure to market risk for changes in interest rates relates to our variable-rate CP, the Revolver and term loan borrowings. We attempt to achieve the lowest all-in weighted-average cost of debt while simultaneously taking into account the mix of our fixed- and variable-rate debt and the average life and scheduled maturities of our debt. At December 31, 2022, our weighted average cost of debt was 3.2% and weighted-average life of debt was 4.7 years. At December 31, 2022, 78% of our debt was fixed rate and the remaining 22% was variable rate. Occasionally, we use derivatives to manage our exposure to changes in interest rates by entering into interest rate swaps. A 100 basis point increase in the weighted-average interest rate on our variable-rate debt would have increased our 2022 interest expense by \$12.7 million.

Based on the amount of outstanding variable-rate debt, we have exposure to interest rate risk. In the future, if our mix of fixed-rate and variable-rate debt were to change due to additional borrowings under existing or new variable-rate debt, we could have additional exposure to interest rate risk. The nature and amount of our long-term and short-term debt, as well as the proportionate amount of fixed-rate and variable-rate debt, can be expected to vary as a result of future business requirements, market conditions and other factors.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

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Report of Independent Registered Public Accounting Firm

To the Shareholders and the Board of Directors of Equifax Inc.

Opinion on Internal Control over Financial Reporting

We have audited Equifax Inc.'s internal control over financial reporting as of December 31, 2022, based on criteria established in Internal Control—Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission ("2013 framework") (the COSO criteria). In our opinion, Equifax Inc. (the Company) maintained, in all material respects, effective internal control over financial reporting as of December 31, 2022, based on the COSO criteria.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated balance sheets of the Company as of December 31, 2022 and 2021, the related consolidated statements of income, comprehensive income, cash flows, and shareholders' equity and accumulated other comprehensive loss for each of the three years in the period ended December 31, 2022, and the related notes and financial statement schedule listed in the Index at Item 15(a)(2) and our report dated February 23, 2023 expressed an unqualified opinion thereon.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting included in the accompanying Management's Annual Report on Internal Control over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit. We are a public accounting firm registered with the 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 audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects.

Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

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 (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) 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 (3) 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.

/s/ Ernst & Young LLP

Atlanta, Georgia
February 23, 2023

Report of Independent Registered Public Accounting Firm

To the Shareholders and the Board of Directors of Equifax Inc.

Opinion on the Consolidated Financial Statements

We have audited the accompanying consolidated balance sheets of Equifax Inc. (the Company) as of December 31, 2022 and 2021, the related consolidated statements of income, comprehensive income, cash flows, and shareholders' equity and accumulated other comprehensive loss for each of the three years in the period ended December 31, 2022, and the related notes and financial statement schedule listed in the Index at Item 15(a)(2) (collectively referred to as the "consolidated financial statements"). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company at December 31, 2022 and 2021, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2022, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company's internal control over financial reporting as of December 31, 2022, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) and our report dated February 23, 2023 expressed an unqualified opinion thereon.

Basis for Opinion

These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's consolidated financial statements based on our audits. We are a public accounting firm registered with the 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 audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. Our audits 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. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matter

The critical audit matter communicated below is a matter arising from the current period audit of the consolidated financial statements that was communicated or required to be communicated to the audit committee and that: (1) relates to accounts or disclosures that are material to the consolidated financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of the critical audit matter does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the account or disclosure to which it relates.

Description of the Matter

Goodwill impairment test for the Asia Pacific reporting unit

At December 31, 2022, the Company's goodwill was \$6.4 billion and the goodwill attributed to the Asia Pacific reporting unit was \$1.4 billion. As discussed in Note 4 of the consolidated financial statements, goodwill is tested for impairment at least annually at the reporting unit level. The Company's goodwill is initially assigned to its reporting units as of the acquisition date. The Company determined that a quantitative impairment test was required for the Asia Pacific reporting unit. Therefore, the Company determined the fair value of this reporting unit as of September 30, 2022, the annual goodwill impairment testing date.

In relation to the limited excess fair value of the Asia Pacific reporting unit over the carrying value of the net assets of the reporting unit, auditing management's annual goodwill impairment test for the Asia Pacific reporting unit required judgement due to the estimation required in determining the fair value of the reporting unit. In particular, the fair value estimate was sensitive to significant assumptions such as the revenue growth rate for certain businesses, projected EBITDA margins, long-term growth rate, and weighted average cost of capital, which are affected by expectations about future market or economic conditions and the economic performance of the Asia Pacific reporting unit.

How We Addressed the Matter in Our Audit

We obtained an understanding, evaluated the design and tested the operating effectiveness of controls over the Company's process to quantitatively test the Company's Asia Pacific reporting unit's goodwill balance for impairment including among others, controls related to management's review of the significant assumptions described above and resulting fair value for the Asia Pacific reporting unit.

To test the estimated fair value of the Asia Pacific reporting unit used in the annual goodwill impairment test, we performed audit procedures that included, among others, assessing the methodologies used to determine the fair value of the Asia Pacific reporting unit, testing the significant assumptions discussed above and testing the underlying data used by the Company in its analysis. We compared the significant assumptions used by management to historical results and current industry and economic trends. We also evaluated any identified contrary evidence, assessed the historical accuracy of management's estimates and performed sensitivity analyses of significant assumptions to evaluate the changes in the fair value of the reporting unit that would result from changes in the assumptions. In addition, we utilized more experienced members of the audit team and involved our internal valuation specialists to assist in the evaluation and testing of the significant valuation assumptions discussed above.

/s/ Ernst & Young LLP

We have served as the Company's auditor since 2002.

Atlanta, Georgia
February 23, 2023

CONSOLIDATED STATEMENTS OF INCOME

	Twelve Months Ended December 31,		
	2022	2021	2020
(In millions, except per share amounts)			
Operating revenue	\$ 5,122.2	\$ 4,923.9	\$ 4,127.5
Operating expenses:			
Cost of services (exclusive of depreciation and amortization below)	2,177.2	1,980.9	1,737.4
Selling, general and administrative expenses	1,328.9	1,324.6	1,322.5
Depreciation and amortization	560.1	480.4	391.0
Total operating expenses	4,066.2	3,785.9	3,450.9
Operating income	1,056.0	1,138.0	676.6
Interest expense	(183.0)	(145.6)	(141.6)
Other income (expense), net	56.7	(43.2)	150.2
Consolidated income before income taxes	929.7	949.2	685.2
Provision for income taxes	(229.5)	(200.7)	(159.0)
Consolidated net income	700.2	748.5	526.2
Less: Net income attributable to noncontrolling interests including redeemable noncontrolling interests	(4.0)	(4.3)	(6.1)
Net income attributable to Equifax	\$ 696.2	\$ 744.2	\$ 520.1
Basic earnings per common share:			
Net income attributable to Equifax	\$ 5.69	\$ 6.11	\$ 4.28
Weighted-average shares used in computing basic earnings per share	122.4	121.9	121.5
Diluted earnings per common share:			
Net income attributable to Equifax	\$ 5.65	\$ 6.02	\$ 4.24
Weighted-average shares used in computing diluted earnings per share	123.3	123.6	122.8
Dividends per common share	\$ 1.56	\$ 1.56	\$ 1.56

See Notes to Consolidated Financial Statements.

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

	Twelve Months Ended December 31,											
	2022			2021			2020			Equifax Shareholders	Noncontrolling Interests	Total
	Equifax Shareholders	Noncontrolling Interests	Total	Equifax Shareholders	Noncontrolling Interests (In millions)	Total	Equifax Shareholders	Noncontrolling Interests	Total			
Net income	\$ 696.2	\$ 4.0	\$ 700.2	\$ 744.2	\$ 4.3	\$ 748.5	\$ 520.1	\$ 6.1	\$ 526.2			
Other comprehensive (loss) income:												
Foreign currency translation adjustment	(176.8)	(0.8)	(177.6)	(124.1)	(0.6)	(124.7)	184.0	1.2	185.2			
Change in unrecognized prior service cost and actuarial (losses) gains related to our pension and other postretirement benefit plans, net	(1.5)	—	(1.5)	0.1	—	0.1	(1.1)	—	(1.1)			
Change in cumulative gain from cash flow hedging transactions, net	—	—	—	—	—	—	0.1	—	0.1			
Other comprehensive (loss) income	(178.3)	(0.8)	(179.1)	(124.0)	(0.6)	(124.6)	183.0	1.2	184.2			
Comprehensive income	<u>\$ 517.9</u>	<u>\$ 3.2</u>	<u>\$ 521.1</u>	<u>\$ 620.2</u>	<u>\$ 3.7</u>	<u>\$ 623.9</u>	<u>\$ 703.1</u>	<u>\$ 7.3</u>	<u>\$ 710.4</u>			

See Notes to Consolidated Financial Statements.

CONSOLIDATED BALANCE SHEETS
(In millions, except par values)
ASSETS

Current assets:

	December 31,	
	2022	2021
Cash and cash equivalents	\$ 285.2	\$ 224.7
Trade accounts receivable, net of allowance for doubtful accounts of \$19.1 and \$13.9 at December 31, 2022 and 2021, respectively	857.7	727.6
Prepaid expenses	134.3	108.4
Other current assets	93.3	60.2
Total current assets	<u>1,370.5</u>	<u>1,120.9</u>

Property and equipment:

Capitalized internal-use software and system costs	2,139.1	1,727.3
Data processing equipment and furniture	281.4	299.6
Land, buildings and improvements	261.6	250.3
Total property and equipment	<u>2,682.1</u>	<u>2,277.2</u>
Less accumulated depreciation and amortization	(1,095.1)	(961.3)
Total property and equipment, net	<u>1,587.0</u>	<u>1,315.9</u>

Goodwill

Indefinite-lived intangible assets	6,383.9	6,258.1
Purchased intangible assets, net	94.8	94.9
Other assets, net	1,818.5	1,898.0
Total assets	<u>\$ 11,547.9</u>	<u>\$ 11,040.9</u>

LIABILITIES AND EQUITY

Current liabilities:

Short-term debt and current maturities of long-term debt	\$ 967.2	\$ 824.8
Accounts payable	250.8	211.6
Accrued expenses	229.0	237.5
Accrued salaries and bonuses	138.7	257.9
Deferred revenue	132.9	121.3
Other current liabilities	296.6	638.2
Total current liabilities	<u>2,015.2</u>	<u>2,291.3</u>

Long-term debt

Deferred income tax liabilities, net	4,820.1	4,470.1
Long-term pension and other postretirement benefit liabilities	460.3	358.2
Other long-term liabilities	100.4	130.1
Total liabilities	<u>7,574.6</u>	<u>7,439.7</u>

Commitments and Contingencies (see Note 6)

Equifax shareholders' equity:

Preferred stock, \$0.01 par value: Authorized shares - 10.0; Issued shares - none	—	—
Common stock, \$1.25 par value: Authorized shares - 300.0; Issued shares - 189.3 at December 31, 2022 and 2021; Outstanding shares - 122.5 and 122.1 at December 31, 2022 and 2021, respectively	236.6	236.6
Paid-in capital	1,594.2	1,536.7
Retained earnings	5,256.0	4,751.6
Accumulated other comprehensive loss	(473.7)	(295.4)
Treasury stock, at cost, 66.2 shares and 66.6 shares at December 31, 2022 and 2021, respectively	(2,650.7)	(2,639.2)
Stock held by employee benefits trusts, at cost, 0.6 shares at December 31, 2022 and 2021, respectively	(5.9)	(5.9)
Total Equifax shareholders' equity	<u>3,956.5</u>	<u>3,584.4</u>
Noncontrolling interests including redeemable noncontrolling interests	16.8	16.8
Total shareholders' equity	<u>3,973.3</u>	<u>3,601.2</u>
Total liabilities and equity	<u>\$ 11,547.9</u>	<u>\$ 11,040.9</u>

See Notes to Consolidated Financial Statements.

CONSOLIDATED STATEMENTS OF CASH FLOWS

	Twelve Months Ended December 31,		
	2022	2021	2020
(In millions)			
Operating activities:			
Consolidated net income	\$ 700.2	\$ 748.5	\$ 526.2
Adjustments to reconcile consolidated net income to net cash provided by operating activities:			
Depreciation and amortization	568.6	489.6	399.3
Stock-based compensation expense	62.6	54.9	54.7
Deferred income taxes	88.1	9.3	66.5
(Gain) Loss on fair market value adjustment and gain on sale of equity investment	(36.8)	63.6	(149.5)
(Gain) on sale of asset	—	(4.6)	—
(Gain) on divestiture	—	(0.2)	—
Changes in assets and liabilities, excluding effects of acquisitions:			
Accounts receivable, net	(138.6)	(66.2)	(93.7)
Other assets, current and long-term	(22.4)	16.4	35.8
Current and long-term liabilities, excluding debt	(464.6)	23.5	106.9
Cash provided by operating activities	757.1	1,334.8	946.2
Investing activities:			
Capital expenditures	(624.5)	(469.0)	(421.3)
Acquisitions, net of cash acquired	(433.8)	(2,935.6)	(61.4)
Cash received from sale of asset	—	4.9	—
Cash received from divestitures	98.8	1.5	—
Investment in unconsolidated affiliates, net	—	—	(10.0)
Cash used in investing activities	(959.5)	(3,398.2)	(492.7)
Financing activities:			
Net short-term borrowings	242.2	323.4	(0.7)
Payments on long-term debt	(500.0)	(1,100.2)	(125.0)
Proceeds from issuance of long-term debt	749.3	1,697.1	1,123.3
Treasury stock purchases	—	(69.9)	—
Dividends paid to Equifax shareholders	(191.1)	(190.0)	(189.5)
Dividends paid to noncontrolling interests	(3.1)	(6.5)	(4.6)
Proceeds from exercise of stock options and employee stock purchase plan	16.9	46.8	41.7
Payment of taxes related to settlement of equity awards	(33.9)	(57.3)	(15.9)
Purchase of redeemable noncontrolling interests	(0.4)	(11.2)	(9.0)
Debt issuance costs	(6.2)	(14.5)	(9.8)
Other	—	—	0.3
Cash provided by financing activities	273.7	617.7	810.8
Effect of foreign currency exchange rates on cash and cash equivalents	(10.8)	(14.2)	19.0
Increase (decrease) in cash and cash equivalents	60.5	(1,459.9)	1,283.3
Cash and cash equivalents, beginning of period	224.7	1,684.6	401.3
Cash and cash equivalents, end of period	\$ 285.2	\$ 224.7	\$ 1,684.6

See Notes to Consolidated Financial Statements.

CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY AND ACCUMULATED OTHER COMPREHENSIVE LOSS

	Equifax Shareholders								
	Common Stock		Paid-In Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Treasury Stock	Stock Held By Employee Benefits Trusts	Noncontrolling Interests	Total Shareholders' Equity
	Shares Outstanding	Amount							(In millions, except per share values)
Balance, December 31, 2019	121.2	\$ 236.6	\$ 1,405.1	\$ 3,854.6	\$ (354.4)	\$ (2,557.4)	\$ (5.9)	\$ 44.3	\$ 2,622.9
Net income	—	—	—	520.1	—	—	—	6.1	526.2
Other comprehensive income	—	—	—	—	183.0	—	—	1.2	184.2
Shares issued under stock and benefit plans, net of minimum tax withholdings	0.6	—	15.0	—	—	10.4	—	—	25.4
Cash dividends (\$1.56 per share)	—	—	—	(190.5)	—	—	—	—	(190.5)
Dividends paid to employee benefits trusts	—	—	1.0	—	—	—	—	—	1.0
Stock-based compensation expense	—	—	54.7	—	—	—	—	—	54.7
Cumulative adjustment from change in accounting principle	—	—	—	(0.4)	—	—	—	—	(0.4)
Redeemable noncontrolling interest adjustment	—	—	—	1.5	—	—	—	(1.5)	—
Dividends paid to noncontrolling interests	—	—	—	—	—	—	—	(4.6)	(4.6)
Purchase of noncontrolling interests	—	—	(5.1)	—	—	—	—	(3.9)	(9.0)
Other	—	—	—	0.1	—	—	—	0.3	0.4
Balance, December 31, 2020	121.8	\$ 236.6	\$ 1,470.7	\$ 4,185.4	\$ (171.4)	\$ (2,547.0)	\$ (5.9)	\$ 41.9	\$ 3,210.3
Net income	—	—	—	744.2	—	—	—	4.3	748.5
Other comprehensive loss	—	—	—	—	(124.0)	—	—	(0.6)	(124.6)
Shares issued under stock and benefit plans, net of minimum tax withholdings	0.7	—	11.9	—	—	(22.3)	—	—	(10.4)
Treasury stock purchased under share repurchase program (\$ 197.52 per share)*	(0.4)	—	—	—	—	(69.9)	—	—	(69.9)
Cash dividends (\$1.56 per share)	—	—	—	(191.2)	—	—	—	—	(191.2)
Dividends paid to employee benefits trusts	—	—	1.2	—	—	—	—	—	1.2
Stock-based compensation expense	—	—	54.9	—	—	—	—	—	54.9
Redeemable noncontrolling interest adjustment	—	—	—	13.2	—	—	—	(13.2)	—
Dividends paid to noncontrolling interests	—	—	—	—	—	—	—	(6.5)	(6.5)
Purchases of noncontrolling and redeemable noncontrolling interests	—	—	(1.8)	—	—	—	—	(9.4)	(11.2)
Other	—	—	(0.2)	—	—	—	—	0.3	0.1
Balance, December 31, 2021	122.1	\$ 236.6	\$ 1,536.7	\$ 4,751.6	\$ (295.4)	\$ (2,639.2)	\$ (5.9)	\$ 16.8	\$ 3,601.2
Net income	—	—	—	696.2	—	—	—	4.0	700.2
Other comprehensive loss	—	—	—	—	(178.3)	—	—	(0.8)	(179.1)
Shares issued under stock and benefit plans, net of minimum tax withholdings	0.4	—	(5.5)	—	—	(11.5)	—	—	(17.0)
Cash dividends (\$1.56 per share)	—	—	—	(191.8)	—	—	—	—	(191.8)
Dividends paid to employee benefits trusts	—	—	0.7	—	—	—	—	—	0.7
Stock-based compensation expense	—	—	62.6	—	—	—	—	—	62.6
Dividends paid to noncontrolling interests	—	—	—	—	—	—	—	(3.1)	(3.1)
Purchases of noncontrolling and redeemable noncontrolling interests	—	—	(0.3)	—	—	—	—	(0.1)	(0.4)
Balance, December 31, 2022	122.5	\$ 236.6	\$ 1,594.2	\$ 5,256.0	\$ (473.7)	\$ (2,650.7)	\$ (5.9)	\$ 16.8	\$ 3,973.3

*At December 31, 2022, \$ 520.2 million was authorized for future repurchases of our common stock.

See Notes to Consolidated Financial Statements.

CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY AND ACCUMULATED OTHER COMPREHENSIVE LOSS

Accumulated Other Comprehensive Loss consists of the following components:

	December 31,		
	2022	2021	2020
	(In millions)		
Foreign currency translation	\$ (469.3)	\$ (292.5)	\$ (168.4)
Unrecognized prior service cost related to our pension and other postretirement benefit plans, net of accumulated tax of \$1.2, \$0.4 and \$0.5 in 2022, 2021 and 2020, respectively	(3.4)	(1.9)	(2.0)
Cash flow hedging transactions, net of tax of \$0.6, \$0.6 and \$0.7 in 2022, 2021 and 2020, respectively	(1.0)	(1.0)	(1.0)
Accumulated other comprehensive loss	<u>\$ (473.7)</u>	<u>\$ (295.4)</u>	<u>\$ (171.4)</u>

See Notes to Consolidated Financial Statements.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

As used herein, the terms Equifax, the Company, we, our and us refer to Equifax Inc., a Georgia corporation, and its consolidated subsidiaries as a combined entity, except where it is clear that the terms mean only Equifax Inc.

Nature of Operations. We collect, organize and manage various types of financial, demographic, employment, criminal history and marketing information. Our products and services enable businesses to make credit and service decisions, manage their portfolio risk, automate or outsource certain payroll-related, tax and human resources business processes, and develop marketing strategies concerning consumers and commercial enterprises. We serve customers across a wide range of industries, including the financial services, mortgage, retail, telecommunications, utilities, automotive, brokerage, healthcare and insurance industries, as well as government agencies. We also enable consumers to manage and protect their financial health through a portfolio of products offered directly to consumers. As of December 31, 2022, we operated in the following countries: Argentina, Australia, Canada, Chile, Costa Rica, Ecuador, El Salvador, Dominican Republic, Honduras, India, Ireland, Mexico, New Zealand, Paraguay, Peru, Portugal, Spain, the United Kingdom, or U.K., Uruguay, and the United States of America, or U.S. We also have investments in consumer and/or commercial credit information companies through joint ventures in Cambodia, Malaysia and Singapore and have an investment in a consumer and commercial credit information company in Brazil. We previously had a joint venture in Russia that offered consumer credit services; however, during the third quarter of 2022, we completed the sale of this equity method investment.

We develop, maintain and enhance secured proprietary information databases through the compilation of consumer specific data, including credit, income, employment, criminal history, asset, liquidity, net worth and spending activity, and business data, including credit and business demographics, that we obtain from a variety of sources, such as credit granting institutions, and income and tax information primarily from large to mid-sized companies in the U.S. We process this information utilizing our proprietary information management systems. We also provide information, technology and services to support debt collections and recovery management.

Basis of Consolidation. Our Consolidated Financial Statements and the accompanying notes, which are prepared in accordance with U.S. generally accepted accounting principles, or GAAP, include Equifax and all its subsidiaries. We consolidate all majority-owned and controlled subsidiaries as well as variable interest entities in which we are the primary beneficiary. Other parties' interests in consolidated entities are reported as noncontrolling interests. We use the equity method of accounting for investments in which we are able to exercise significant influence. Non-consolidated equity investments are recorded at fair value when readily determinable or at cost, less any impairment, plus or minus changes resulting from observable price changes in orderly transactions when the fair value of the investment is not readily determinable. All intercompany transactions and balances are eliminated.

Our Consolidated Financial Statements reflect all adjustments which are, in the opinion of management, necessary for a fair presentation of the periods presented therein.

Segments. We manage our business and report our financial results through the following three reportable segments, which are our operating segments:

- Workforce Solutions
- U.S. Information Solutions (USIS)
- International

Workforce Solutions is our largest reportable segment, with 45% of total operating revenue for 2022. Our most significant foreign operations are located in Australia, the U.K. and Canada.

Use of Estimates. The preparation of our Consolidated Financial Statements requires us to make estimates and assumptions in accordance with GAAP. Accordingly, we make these estimates and assumptions after exercising judgment. We believe that the estimates and assumptions inherent in our Consolidated Financial Statements are reasonable, based upon information available to us at the time they are made, including the consideration of events that have occurred up until the point these Consolidated Financial Statements have been filed. These estimates and assumptions affect the reported amounts of assets, liabilities, revenues and expenses and disclosure of contingent assets and liabilities at the date of the financial statements, as well as reported amounts of revenues and expenses during the reporting period. Actual results could differ materially from these estimates.

Revenue Recognition and Deferred Revenue. In accordance with ASC 606, "Revenue from Contracts with Customers," we recognize revenue when a performance obligation has been satisfied by transferring a promised good or service to a customer and the customer obtains control of the good or service. In order to recognize revenue, we note that the two parties must have an agreement that creates enforceable rights, the performance obligations must be distinct and the transaction price can be determined. Our revenue is derived from the provision of information services to our customers on a transactional basis, in which distinct services are delivered over time as the customer simultaneously receives and consumes the benefits of the services delivered. To measure our performance over time, the output method is utilized to measure the value to the customer based on the transfer to date of the services promised, with no rights of return once consumed. In these cases, revenue on transactional contracts with a defined price but an undefined quantity is recognized utilizing the right to invoice expedient resulting in revenue being recognized when the service is provided and billed. Additionally, multi-year contracts with defined pricing but an undefined quantity that utilize tier pricing would be defined as a series of distinct performance obligations satisfied over time utilizing the same method of measurement, the output method, with no rights of return once consumed. This measurement method is applied on a monthly basis resulting in revenue being recognized when the service is provided and billed.

Additionally, we recognize revenue from subscription-based contracts under which a customer pays a preset fee for a predetermined or unlimited number of transactions or services provided during the subscription period, generally one year. Revenue from subscription-based contracts having a preset number of transactions is recognized as the services are provided, using an effective transaction rate as the actual transactions are delivered. Any remaining revenue related to unfulfilled units is not recognized until the end of the related contract's subscription period. Revenue from subscription-based contracts having an unlimited volume is recognized ratably during the contract term. Multi-year subscription contracts are analyzed to determine the full contract transaction price over the term of the contract and the subsequent price is ratably recognized over the full term of the contract.

Revenue is recorded net of sales taxes.

If at the outset of an arrangement, we determine that collectability is not reasonably assured, revenue is deferred until the earlier of when collectability becomes probable or the receipt of payment from the customer. If there is uncertainty as to the customer's acceptance of the performance obligation, revenue is not recognized until the earlier of receipt of customer acceptance or expiration of the acceptance period.

We sell certain offerings that contain multiple performance obligations. These obligations may include consumer or commercial information, file updates for certain solutions, services provided by our decisioning technologies personnel, training services, statistical models and other services. In order to account for each of these obligations separately, the delivered promises within our contracts must meet the criterion to be considered distinct performance obligations to our customer. If we determine that the arrangement does not contain separate distinct obligations, the performance obligations are bundled together until a distinct obligation is achieved. This may lead to the arrangement consideration being recognized as the final contract obligation is delivered to our customer or ratably over the term of the contract.

Some of our arrangements with multiple performance obligations involve the delivery of services generated by a combination of services provided by one or more of our operating segments. No individual information service impacts the value or usage of other information services included in an arrangement and each service can be sold alone or, in most cases, purchased from another vendor without affecting the quality of use or value to the customer of the other information services included in the arrangement. Some of our products require the installation of interfaces or platforms by our technology personnel that allow our customers to interact with our proprietary information databases. These installation services do not meet the requirement for being distinct, thus any related installation fees are deferred when billed and are recognized over the expected period that the customer will benefit from the related services. Revenue from the delivery of one-time files and models is recognized as the service is provided and accepted, assuming all other revenue recognition criteria are met. The direct costs of installation of a customer are capitalized and amortized over the useful life of the identifiable asset.

We record revenue on a net basis for those sales in which we have in substance acted as an agent or broker in the transaction and therefore do not have control.

In certain instances within our debt collections and recovery management services in our International operating segment and certain tax management services within our Workforce Solutions operating segment, variable consideration is constrained due to the fact that the revenue is contingent on a particular outcome. Within our debt collections and recovery management businesses, revenue is calculated as a percentage of debt collected on behalf of the customer and, as such, is primarily recognized when the debt is collected assuming all other revenue recognition criteria are met. Within our Workforce Solutions operating segment, the fees for certain of our tax credits and incentives revenue are based on a percentage of the

credit delivered to our clients. Revenue for these arrangements is recognized based on the achievement of milestones, upon calculation of the credit, approval from a regulatory agency or when the credit is utilized by our client, depending on the provisions of the client contract.

Certain costs incurred prior to the satisfaction of a performance obligation are deferred as contract costs and are amortized on a systematic basis consistent with the pattern of transfer of the related goods and services. These costs generally consist of labor costs directly relating to the implementation and setup of the contract.

Judgments and Uncertainties – Each performance obligation within a contract must be considered separately to ensure that appropriate accounting is performed for these distinct goods or services. These considerations include assessing the price at which the element is sold compared to its standalone selling price; concluding when the element will be delivered; evaluating collectability; and determining whether any contingencies exist in the related customer contract that impact the prices paid to us for the services.

Contract Balances – The contract balances are generated when revenue recognized varies from billing in a given period. A contract asset is created when an entity transfers a good or service to a customer and recognizes more revenue than what has been billed. As of December 31, 2022, the contract asset balance was \$12.2 million. A contract liability is created when an entity transfers a good or service to a customer and recognizes less than what has been billed. Deferred revenue is recognized when we have an obligation to transfer goods or services to a customer and have already received consideration from the customer. We generally expect to recognize our deferred revenue as revenue within twelve months of being recorded based on the terms of the contracts.

Remaining Performance Obligation – We have elected to disclose only the remaining performance obligations for those contracts with an expected duration of greater than 1 year and do not disclose the value of remaining performance obligations for contracts in which we recognize revenue at the amount to which we have the right to invoice. We expect to recognize as revenue the following amounts related to our remaining performance obligations as of December 31, 2022, inclusive of the foreign exchange impact:

Performance Obligation	Balance (In millions)
Less than 1 year	\$ 26.7
1 to 3 years	35.4
3 to 5 years	16.9
Thereafter	27.0
Total remaining performance obligation	<u><u>\$ 106.0</u></u>

Cost of Services. Cost of services consist primarily of (1) data acquisition and royalty fees; (2) customer service costs, which include: personnel costs to collect, maintain and update our proprietary databases, to develop and maintain software application platforms and to provide consumer and customer call center support; (3) hardware and software expense associated with transaction processing systems; (4) telecommunication, cloud computing and computer network expense; and (5) occupancy costs associated with facilities where these functions are performed by Equifax employees.

Selling, General and Administrative Expenses. Selling, general and administrative expenses consist primarily of personnel-related costs, corporate costs, fees for professional and consulting services, advertising costs, restructuring costs and other costs of administration.

Advertising. Advertising costs, which are expensed as incurred, totaled \$70.1 million, \$70.2 million and \$59.0 million during 2022, 2021 and 2020, respectively.

Stock-Based Compensation. We recognize the cost of stock-based payment transactions in the financial statements over the period services are rendered according to the fair value of the stock-based awards issued. All of our stock-based awards, which are stock options and nonvested stock, are classified as equity instruments.

Income Taxes. We account for income taxes under the liability method. We record deferred income taxes using enacted tax laws and rates for the years in which the taxes are expected to be paid. Deferred income tax assets and liabilities are recorded based on the differences between the financial reporting and income tax bases of assets and liabilities. We assess whether it is more likely than not that we will generate sufficient taxable income to realize our deferred tax assets. We record a

valuation allowance, as necessary, to reduce our deferred tax assets to the amount of future tax benefit that we estimate is more likely than not to be realized.

We record tax benefits for positions that we believe are more likely than not of being sustained under audit examinations. We assess the potential outcome of such examinations to determine the adequacy of our income tax accruals. We recognize interest and penalties accrued related to unrecognized tax benefits in the provision for income taxes on our Consolidated Statements of Income. We adjust our income tax provision during the period in which we determine that the actual results of the examinations may differ from our estimates or when statutory terms expire. Changes in tax laws and rates are reflected in our income tax provision in the period in which they are enacted.

Earnings Per Share. Our basic earnings per share, or EPS, is calculated as net income divided by the weighted-average number of common shares outstanding during the reporting period. Diluted EPS is calculated to reflect the potential dilution that would occur if stock options or other contracts to issue common stock were exercised and resulted in additional common shares outstanding. The net income amounts used in both our basic and diluted EPS calculations are the same. A reconciliation of the weighted-average outstanding shares used in the two calculations is as follows:

	Twelve Months Ended December 31,		
	2022	2021	2020
Weighted-average shares outstanding (basic)	122.4	121.9	121.5
Effect of dilutive securities:		(In millions)	
Stock options and restricted stock units	0.9	1.7	1.3
Weighted-average shares outstanding (diluted)	123.3	123.6	122.8

For the twelve months ended December 31, 2022, 0.6 million stock options were anti-dilutive and therefore excluded from this calculation. For the twelve months ended December 31, 2021, stock options with an anti-dilutive effect were not material. For the twelve months ended December 31, 2020, 0.4 million stock options were anti-dilutive and therefore excluded from this calculation.

Cash Equivalents. We consider all highly-liquid investments with an original maturity of three months or less to be cash equivalents.

Trade Accounts Receivable and Allowance for Doubtful Accounts. Accounts receivable are stated at cost. Significant payment terms for customers are identified in the contract. We do not recognize interest income on our trade accounts receivable. Additionally, we generally do not require collateral from our customers related to our trade accounts receivable.

The allowance for doubtful accounts is based on management's estimate for expected credit losses for outstanding trade accounts receivables. We determine expected credit losses based on historical write-off experience, an analysis of the aging of outstanding receivables, customer payment patterns, the establishment of specific reserves for customers in an adverse financial condition and adjusted based upon our expectations of changes in macroeconomic conditions that may impact the collectability of outstanding receivables. We reassess the adequacy of the allowance for doubtful accounts each reporting period. Increases to the allowance for doubtful accounts are recorded as bad debt expense, which are included in selling, general and administrative expenses on the accompanying Consolidated Statements of Income. Below is a rollforward of our allowance for doubtful accounts for the twelve months ended December 31, 2022 and 2021:

	Twelve Months Ended December 30,	
	2022	2021
Allowance for doubtful accounts, beginning of period	\$13.9	\$12.9
Current period bad debt expense	8.5	0.3
Write-offs, net of recoveries	(3.3)	0.7
Allowance for doubtful accounts, end of period	\$19.1	\$13.9

Other Current Assets. Other current assets also include amounts receivable related to vendor rebates and current tax receivable accounts. As of December 31, 2022 and 2021, these assets were approximately \$55.3 million and \$19.8 million, respectively. Additionally, other current assets include amounts in specifically designated accounts that hold the funds that are due to customers from our debt collection and recovery management services. As of December 31, 2022 and 2021 these assets were approximately \$27.0 million and \$28.5 million, respectively, with fully offsetting balances in other current liabilities. These amounts are restricted as to their current use and will be released according to the specific customer agreements.

Long-Lived Assets. Property and equipment are stated at cost less accumulated depreciation and amortization. The cost of additions is capitalized. Property and equipment are depreciated on a straight-line basis over the assets' estimated useful lives, which are generally three to ten years for data processing equipment and capitalized internal-use software and systems costs. Leasehold improvements are depreciated over the shorter of their estimated useful lives or lease terms that are reasonably assured. Buildings are depreciated over the shorter of their estimated useful lives or a forty-year period. Other fixed assets are depreciated over three to seven years. Upon sale or retirement of an asset, the related costs and accumulated depreciation are removed from the accounts and any gain or loss is recognized and included in income from operations on the Consolidated Statements of Income with the classification of any gain or loss dependent on the characteristics of the asset sold or retired.

Certain internal-use software and system development costs are capitalized. Accordingly, the specifically identified costs incurred to develop or obtain software, which is intended for internal use, are not capitalized until the preliminary project stage is completed and management, with the relevant authority, authorizes and commits to funding a software project and it is probable that the project will be completed and the software will be used to perform the function intended. Costs incurred during a software development project's preliminary stage and post-implementation stage are expensed as incurred. Application development activities that are eligible for capitalization include software design and configuration, development of interfaces, coding, testing and installation. Capitalized internal-use software and systems costs are subsequently amortized on a straight-line basis over a three- to ten-year period after project completion and when the related software or system is ready for its intended use.

Depreciation and amortization expense related to property and equipment was \$323.4 million, \$304.0 million and \$249.3 million during the twelve months ended December 31, 2022, 2021, and 2020, respectively.

Industrial Revenue Bonds. Pursuant to the terms of certain industrial revenue bonds, we previously transferred title to certain of our fixed assets with total costs of \$56.4 million as of December 31, 2021 to a local governmental authority in the U.S. to receive a property tax abatement related to economic development. As of December 31, 2022, the title to these assets had reverted back to us upon the retirement of the applicable bonds. These fixed assets are recognized in the Company's Consolidated Balance Sheets as all risks and rewards remain with the Company.

Impairment of Long-Lived Assets. We monitor the status of our long-lived assets in order to determine if conditions exist or events and circumstances indicate that an asset group may be impaired in that its carrying amount may not be recoverable. Significant factors that are considered that could be indicative of impairment include: changes in business strategy, market conditions or the manner in which an asset group is used; underperformance relative to historical or expected future operating results; and negative industry or economic trends. If potential indicators of impairment exist, we estimate recoverability based on the asset group's ability to generate cash flows greater than the carrying value of the asset group. We estimate the undiscounted future cash flows arising from the use and eventual disposition of the related long-lived asset group. If the carrying value of the long-lived asset group exceeds the estimated future undiscounted cash flows, an impairment loss is recorded based on the amount by which the asset group's carrying amount exceeds its fair value. We utilize estimates of discounted future cash flows to determine the asset group's fair value. We did not record any material impairment losses of long-lived assets in any of the periods presented.

Goodwill and Indefinite-Lived Intangible Assets. Goodwill represents the cost in excess of the fair value of the net assets of acquired businesses. Goodwill is not amortized. We are required to test goodwill for impairment at the reporting unit level on an annual basis and on an interim basis if an event occurs or circumstances change that would more likely than not reduce the fair value of a reporting unit below its carrying value. We perform our annual goodwill impairment test as of September 30 each year.

Under ASC 350, we have an option to perform a "qualitative" assessment of our reporting units to determine whether further impairment testing is necessary. For reporting units that we determine meet these criteria, we perform a qualitative assessment. In this qualitative assessment, we consider the following items for each of the reporting units: macroeconomic conditions, industry and market conditions, overall financial performance and other entity specific events. In addition, for each of these reporting units, we assess whether the most recent fair value determination results in an amount that exceeds the carrying amount of the reporting units. Based on these assessments, we determine whether the likelihood that a current fair

value determination would be less than the current carrying amount of the reporting unit is not more likely than not. If it is determined it is not more likely than not, no further testing is required. If further testing is required, we continue with the quantitative impairment test.

In analyzing goodwill for potential impairment in the quantitative impairment test, we use a combination of the income and market approaches to estimate the reporting unit's fair value. Under the income approach, we calculate the fair value of a reporting unit based on estimated future discounted cash flows. The assumptions we use are based on what we believe a hypothetical marketplace participant would use in estimating fair value. Under the market approach, we estimate the fair value based on market multiples of revenue or earnings before interest, income taxes, depreciation and amortization for benchmark companies. If the fair value of a reporting unit exceeds its carrying value, then no further testing is required. However, if a reporting unit's fair value were to be less than its carrying value, we would then determine the amount of the impairment charge, if any, which would be the amount that the carrying value of the reporting unit's goodwill exceeded its fair value.

Indefinite-lived reacquired rights represent the value of rights which we had granted to various affiliate credit reporting agencies that were reacquired in the U.S. and Canada. A portion of our reacquired rights are perpetual in nature and, therefore, the useful lives are considered indefinite in accordance with the accounting guidance in place at the time of the acquisitions. Indefinite-lived intangible assets are not amortized. We are required to test indefinite-lived intangible assets for impairment annually and whenever events and circumstances indicate that there may be an impairment of the asset value. Our annual impairment test date is September 30. We perform the impairment test for our indefinite-lived intangible assets by first assessing qualitative factors to determine whether it is necessary to perform a quantitative impairment test. If the qualitative assessment indicates that we need to perform a quantitative impairment test, we compare the asset's fair value to its carrying value. We estimate the fair value based on projected discounted future cash flows. An impairment charge is recognized if the asset's estimated fair value is less than its carrying value.

We completed our annual impairment testing for goodwill and indefinite-lived intangible assets during the twelve months ended December 31, 2022, 2021 and 2020 and we determined that there was no impairment in any of these years.

Purchased Intangible Assets. Purchased intangible assets represent the estimated fair value of acquired intangible assets used in our business. Purchased data files represent the estimated fair value of consumer and commercial data files acquired through our acquisitions of various companies, including a fraud and identity solutions provider and independent credit reporting agencies in the U.S., Australia and Canada. We expense the cost of modifying and updating credit files in the period such costs are incurred. We amortize purchased data files, which primarily consist of acquired credit files, on a straight-line basis. All of our other purchased intangible assets are also amortized on a straight-line basis.

Asset	Useful Life (In years)
Purchased data files	15
Acquired software and technology	2 to 7
Non-compete agreements	3 to 10
Proprietary database	6 to 15
Customer relationships	7 to 25
Trade names	2 to 15

Other Assets. Other assets on our Consolidated Balance Sheets primarily represent our investment in unconsolidated affiliates, the long-term portion of the Company's operating lease right-of-use assets, assets related to life insurance policies covering certain officers of the Company and employee benefit trust assets.

Equity Investment. We record our equity investment in Brazil within Other Assets at fair value, using observable Level 1 inputs. The carrying value of the investment has been adjusted to \$4.5 million as of December 31, 2022 based on quoted market prices, resulting in an unrealized gain of \$13.3 million for the twelve months December 31, 2022. The carrying value of the investment was \$6.4 million as of December 31, 2021, resulting in an unrealized loss of \$64.0 million for the twelve months ended December 31, 2021. During the second quarter of 2022, we sold our interest in two equity investments resulting in a gain of \$27.5 million recorded in Other Income (Expense), Net within the Consolidated Statements of Income. We previously had a joint venture in Russia that offered consumer credit services; however, during the third quarter of 2022, we completed the sale of this equity method investment. All unrealized gains or losses on these investments are recorded in Other Income (Expense), Net within the Consolidated Statements of Income.

Other Current Liabilities. Other current liabilities on our Consolidated Balance Sheets consist of the current portion of our operating lease liabilities and various accrued liabilities such as costs related to the 2017 cybersecurity incident as described more fully in Note 6, interest expense, and accrued employee benefits. Other current liabilities includes accrued legal expense of \$22.4 million and \$373.6 million as of December 31, 2022 and 2021, respectively. The accrued legal balance primarily consists of \$5.7 million and \$350.7 million accruals for losses associated with certain legal proceedings and investigations related to the 2017 cybersecurity incident that have not been paid as of December 31, 2022 and 2021, respectively. Other current liabilities also include the offset to other current assets related to amounts in specifically designated accounts that hold the funds that are due to customers from our debt collection and recovery management services. These funds were approximately \$27.0 million and \$28.5 million as of December 31, 2022 and 2021, respectively. The associated assets are restricted as to their current use and will be released according to the specific customer agreements.

Benefit Plans. We sponsor various pension and defined contribution plans. We also maintain certain healthcare and life insurance benefit plans for eligible retired U.S. employees. Benefits under the pension and other postretirement benefit plans are generally based on age at retirement and years of service and for some pension plans, benefits are also based on the employee's annual earnings. The net periodic cost of our pension and other postretirement plans is determined using several actuarial assumptions, the most significant of which are the discount rate and the expected return on plan assets. The expected rate of return on plan assets is based on both our historical returns and forecasted future investment returns by asset class, as provided by our external investment advisor. Our Consolidated Balance Sheets reflect the funded status of the pension and other postretirement plans.

Foreign Currency Translation. The functional currency of each of our foreign operating subsidiaries is that subsidiary's local currency except for Argentina. Argentina has experienced multiple periods of increasing inflation rates, devaluation of the peso and increasing borrowing rates. As such, Argentina was deemed a highly inflationary economy by accounting policymakers. Beginning in the third quarter of 2018, we accounted for Argentina as a highly inflationary economy by remeasuring the peso denominated monetary assets and liabilities which resulted in the recognition of \$0.2 million of foreign currency gains for the twelve months ended December 31, 2022. We recorded foreign currency gains of \$0.8 million and foreign currency losses of \$0.5 million during the twelve months ended December 31, 2021 and 2020, respectively. Foreign currency gains and losses are recorded in Other Income (Expense), Net in our Consolidated Statements of Income.

Other than Argentina, we translate the assets and liabilities of foreign subsidiaries at the year-end rate of exchange and revenue and expenses at the monthly average rates during the year. We record the resulting translation adjustment in other comprehensive loss, included in accumulated other comprehensive loss, a component of shareholders' equity. We also record gains and losses resulting from the translation of intercompany balances of a long-term investment nature in foreign currency translation in other comprehensive income (loss) and accumulated other comprehensive loss. For the year ended December 31, 2022, we recorded \$1.8 million of foreign currency transaction losses. For the years ended December 31, 2021 and 2020, we recorded foreign currency transaction gains of \$3.6 million and foreign currency transaction losses of \$7.5 million, respectively, in our Consolidated Statements of Income.

Financial Instruments. Our financial instruments consist primarily of cash and cash equivalents, accounts receivable, accounts payable and short and long-term debt. The carrying amounts of these items, other than long-term debt, approximate their fair market values due to the short-term nature of these instruments. The fair value of our fixed-rate debt is determined using Level 2 inputs such as quoted market prices for publicly traded instruments, and for non-publicly traded instruments, through valuation techniques depending on the specific characteristics of the debt instrument, taking into account credit risk. As of December 31, 2022 and 2021, the fair value of our long-term debt, including the current portion, based on observable inputs was \$4.8 billion and \$5.2 billion, respectively, compared to its carrying value of \$5.3 billion and \$5.0 billion, respectively.

Fair Value Measurements. Fair value is determined based on the assumptions marketplace participants use in pricing an asset or liability. We use a three level fair value hierarchy to prioritize the inputs used in valuation techniques between observable inputs that reflect quoted prices in active markets, inputs other than quoted prices with observable market data and unobservable data (e.g., a company's own data).

The following table presents assets and liabilities measured at fair value on a recurring basis:

Description	Fair Value at December 31, 2022	Fair Value Measurements at Reporting Date Using:		
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
(In millions)				
Assets and Liabilities:				
Deferred Compensation Plan Assets ⁽¹⁾	\$ 39.9	\$ 39.9	\$ —	\$ —
Deferred Compensation Plan Liability ⁽¹⁾	(39.9)	—	(39.9)	—
Total assets and liabilities	\$ —	\$ 39.9	\$ (39.9)	\$ —

- (1) We maintain deferred compensation plans that allow for certain management employees to defer the receipt of compensation (such as salary and incentive compensation) until a later date based on the terms of the plans. The liability representing benefits accrued for plan participants is valued at the quoted market prices of the participants' investment elections. The asset consists of mutual funds reflective of the participants investment selections and is valued at daily quoted market prices.

Assets and Liabilities Measured at Fair Value on a Nonrecurring Basis. As disclosed in Note 3, we completed various acquisitions during the years ended December 31, 2022 and 2021. The values of net assets acquired were recorded at fair value using Level 3 inputs. The majority of the related current assets acquired and liabilities assumed were recorded at their carrying values as of the date of acquisition, as their carrying values approximated their fair values due to their short-term nature. The fair values of definite-lived intangible assets acquired in these acquisitions were estimated primarily based on the income approach. The income approach estimates fair value based on the present value of the cash flows that the assets are expected to generate in the future. We developed internal estimates for the expected cash flows and discount rates in the present value calculations.

Variable Interest Entities. We hold interests in certain entities, including credit data and information solutions companies, that are considered variable interest entities, or VIEs. These variable interests relate to ownership interests that require financial support for these entities. Our investments related to these VIEs totaled \$0.3 million and \$30.2 million at December 31, 2022 and 2021, respectively, representing our maximum exposure to loss, with the exception of the guarantees referenced in Note 6. We are not the primary beneficiary and are not required to consolidate any of these VIEs.

In evaluating whether we have the power to direct the activities of a VIE that most significantly impact its economic performance, we consider the purpose for which the VIE was created, the importance of each of the activities in which it is engaged and our decision-making role, if any, in those activities that significantly determine the entity's economic performance as compared to other economic interest holders. This evaluation requires consideration of all facts and circumstances relevant to decision-making that affects the entity's future performance and the exercise of professional judgment in deciding which decision-making rights are most important.

In determining whether we have the right to receive benefits or the obligation to absorb losses that could potentially be significant to the VIE, we evaluate all of our economic interests in the entity, regardless of form (debt, equity, management and servicing fees, and other contractual arrangements). This evaluation considers all relevant factors of the entity's design, including: the entity's capital structure, contractual rights to earnings (losses), subordination of our interests relative to those of other investors, contingent payments, as well as other contractual arrangements that have the potential to be economically significant. The evaluation of each of these factors in reaching a conclusion about the potential significance of our economic interests is a matter that requires the exercise of professional judgment.

Certain of our VIEs have redeemable noncontrolling interests that are subject to classification outside of permanent equity on the Company's Consolidated Balance Sheet. The redeemable noncontrolling interests are reflected using the redemption method as of the balance sheet date. Redeemable noncontrolling interest adjustments to the redemption values are reflected in retained earnings. The adjustment of redemption value at the period end that reflects a redemption value in excess of fair value is included as an adjustment to net income attributable to Equifax stockholders for the purposes of the calculation of earnings per share. None of the current period adjustments reflect a redemption in excess of fair value. Additionally, due to the immaterial balance of the redeemable noncontrolling interest, we have elected to maintain the noncontrolling interest in permanent equity, rather than temporary equity, within our Consolidated Balance Sheet.

Adoption of New Accounting Standards. In June 2016, the FASB issued ASU No. 2016-13 “Financial Instruments-Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments” which requires the measurement and recognition of expected credit losses for financial assets held at amortized cost. ASU 2016-13 replaces the existing incurred loss impairment model with an expected loss methodology, which will result in more timely recognition of credit losses. ASU 2016-13 was effective for annual reporting periods, and interim periods within those years, beginning after December 15, 2019. As of January 1, 2020, we adopted the standard. The adoption of the standard did not have a material impact on our consolidated financial statements with the most significant impact being the increase in allowance for doubtful accounts related to our trade accounts receivable. The adoption adjustment was recorded to Retained Earnings as seen in the Consolidated Statements of Changes in Equity.

In January 2017, the FASB issued ASU 2017-04 “Simplifying the Test for Goodwill Impairment (Topic 350).” This standard eliminates Step 2 from the current goodwill impairment test, instead requiring an entity to recognize a goodwill impairment charge for the amount by which the reporting unit’s carrying amount exceeds the reporting unit’s fair value. This guidance is effective for interim and annual goodwill impairment tests in fiscal years beginning after December 15, 2019 with early adoption permitted. This guidance must be applied on a prospective basis. The adoption of this standard did not materially impact our consolidated financial statements or disclosures.

In August 2018, the FASB issued ASU No. 2018-13 “Fair Value Measurement (Topic 820): Disclosure Framework-Changes to the Disclosure Requirements for Fair Value Measurement” which eliminates, adds, and modifies certain disclosure requirements for fair value measurements as part of its disclosure framework project. ASU 2018-13 is effective for all entities for fiscal years beginning after December 15, 2019, and interim periods therein, but entities are permitted to early adopt either the entire standard or only the provisions that eliminate or modify the requirements. The adoption of this standard did not materially impact our consolidated financial statements or disclosures.

In August 2018, the FASB issued ASU No. 2018-14 “Compensation-Retirement Benefits-Defined Benefit Plans-General (Subtopic 715-20): Disclosure Framework-Changes to the Disclosure Requirements for Defined Benefit Plans” which requires minor changes to the disclosure requirements for employers that sponsor defined benefit pension and/or other postretirement benefit plans. ASU 2018-14 is effective for fiscal years ending after December 15, 2020 and early adoption is permitted. We have updated our disclosures in Note 9 to conform with the standard.

In August 2018, the FASB issued ASU No. 2018-15 “Intangibles-Goodwill and Other-Internal-Use Software (Subtopic 350-40): Customer’s Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That is a Service Contract.” ASU 2018-15 requires that issuers follow the internal-use software guidance in Accounting Standards Codification (ASC) 350-40 to determine which costs to capitalize as assets or expense as incurred. The ASC 350-40 guidance requires that certain costs incurred during the application development stage be capitalized and other costs incurred during the preliminary project and post-implementation stages be expensed as they are incurred. ASU 2018-15 is effective for fiscal years beginning after December 15, 2019 and interim periods therein. The adoption of the standard did not have a material impact on our consolidated financial statements.

Recent Accounting Pronouncements. Business Combinations. In October 2021, the FASB issued ASU No. 2021-08 “Business Combinations (Topic 805): Accounting for Contract Assets and Contract Liabilities from Contracts with Customers.” The update provides clarifying guidance to reduce diversity in practice stating that contract assets, contract liabilities and deferred revenue acquired in business combinations should be measured in accordance with Accounting Standards topic 606, rather than the fair value principles of Accounting Standards topic 805. ASU 2021-08 is effective for all public business entities for annual periods beginning after December 15, 2022, although early adoption is permitted. This guidance must be applied on a prospective basis. The adoption of this guidance is not expected to have a material impact on our financial position, results of operations or cash flows.

Reference Rate Reform. In March 2020, the FASB issued ASU No. 2020-04 “Reference Rate Reform (Topic 848): Facilitation of the Effects of Reference Rate Reform on Financial Reporting.” The update provides optional guidance for a limited period of time to ease the potential burden in accounting for (or recognizing the effects of) contract modifications on financial reporting, caused by reference rate reform. ASU 2020-04 is effective for all entities as of March 12, 2020 through December 31, 2022. In December 2022, the FASB issued ASU No. 2022-06 “Reference Rate Reform (Topic 848): Deferral of the Sunset Date of Topic 848.” The update extends the sunset date from ASU No. 2020-04 from December 31, 2022, to December 31, 2024. After this date, entities will no longer be permitted to apply the relief in Topic 848. We are still evaluating the impact, but do not expect the adoption of the standard to have a material impact on our Consolidated Financial Statements.

2. REVENUE

Revenue Recognition. Based on the information management reviews internally for evaluating operating segment performance and nature, amount, timing, and uncertainty of revenue and cash flows affected by economic factors, we disaggregate revenue as follows:

Consolidated Operating Revenue	Twelve Months Ended December 31,			Change		Change		Change		
			2022	2021	2020	\$	2021	2021	2020	
						(In millions)				
Verification Services	\$ 1,871.0	\$ 1,608.9	\$ 1,103.2	\$ 262.1	\$ 27.9	16	%	\$ 505.7	46	%
Employer Services	<u>454.4</u>	<u>426.5</u>	<u>358.5</u>	<u>27.9</u>	<u>7</u>	<u>%</u>		<u>68.0</u>	<u>19</u>	<u>%</u>
Total Workforce Solutions	<u>2,325.4</u>	<u>\$ 2,035.4</u>	<u>1,461.7</u>	<u>290.0</u>	<u>14</u>	<u>%</u>		<u>573.7</u>	<u>39</u>	<u>%</u>
Online Information Solutions	<u>1,295.4</u>	<u>1,349.8</u>	<u>1,296.4</u>	<u>(54.4)</u>	<u>(4)</u>	<u>%</u>		<u>53.4</u>	<u>4</u>	<u>%</u>
Mortgage Solutions	<u>138.3</u>	<u>190.4</u>	<u>199.8</u>	<u>(52.1)</u>	<u>(27)</u>	<u>%</u>		<u>(9.4)</u>	<u>(5)</u>	<u>%</u>
Financial Marketing Services	<u>224.0</u>	<u>246.5</u>	<u>215.0</u>	<u>(22.5)</u>	<u>(9)</u>	<u>%</u>		<u>31.5</u>	<u>15</u>	<u>%</u>
Total U.S. Information Solutions	<u>1,657.7</u>	<u>1,786.7</u>	<u>1,711.2</u>	<u>(129.0)</u>	<u>(7)</u>	<u>%</u>		<u>75.5</u>	<u>4</u>	<u>%</u>
Asia Pacific	<u>348.4</u>	<u>356.0</u>	<u>296.5</u>	<u>(7.6)</u>	<u>(2)</u>	<u>%</u>		<u>59.5</u>	<u>20</u>	<u>%</u>
Europe	<u>327.8</u>	<u>319.9</u>	<u>285.2</u>	<u>7.9</u>	<u>2</u>	<u>%</u>		<u>34.7</u>	<u>12</u>	<u>%</u>
Latin America	<u>206.8</u>	<u>175.9</u>	<u>160.3</u>	<u>30.9</u>	<u>18</u>	<u>%</u>		<u>15.6</u>	<u>10</u>	<u>%</u>
Canada	<u>256.1</u>	<u>250.0</u>	<u>212.6</u>	<u>6.1</u>	<u>2</u>	<u>%</u>		<u>37.4</u>	<u>18</u>	<u>%</u>
Total International	<u>1,139.1</u>	<u>1,101.8</u>	<u>954.6</u>	<u>37.3</u>	<u>3</u>	<u>%</u>		<u>147.2</u>	<u>15</u>	<u>%</u>
Total operating revenue	<u>\$ 5,122.2</u>	<u>\$ 4,923.9</u>	<u>\$ 4,127.5</u>	<u>\$ 198.3</u>	<u>4</u>	<u>%</u>		<u>\$ 796.4</u>	<u>19</u>	<u>%</u>

3. ACQUISITIONS AND INVESTMENTS

2022 Acquisitions and Investments. In the first quarter of 2022, the Company acquired 100% of Efficient Hire, a provider of cloud recruiting, onboarding and human resources management solutions, within the Workforce Solutions operating segment, and Data Crédito, a consumer credit reporting agency in the Dominican Republic, within the International operating segment. These acquisitions expand the Company's data assets and product offerings and broaden our geographic footprint.

In the third quarter of 2022, the Company acquired 100% of LawLogix, a leading provider of cloud-based I-9 software and immigration case management software, within the Workforce Solutions operating segment, and Midigator, a provider of post-transaction fraud mitigation solutions, within the U.S. Information Solutions ("USIS") business segment. These acquisitions expand the Company's data assets as well as product offerings. The Company accounted for these acquisitions in accordance with ASC 805, Business Combinations, which requires the assets acquired and the liabilities assumed to be measured at fair value at the date of the acquisition. The primary area of the purchase price that is not yet finalized for LawLogix and Midigator is related to working capital. Accordingly, adjustments may be made to the values of the assets acquired and liabilities assumed as additional information is obtained about the facts and circumstances that existed at the valuation date.

2021 Acquisitions and Investments. In February 2021, the Company acquired 100% of Kount, a provider of fraud prevention and digital identity solutions for \$640 million within the USIS business unit. Additionally in the first quarter of 2021, the Company acquired 100% of HIRETech and i2Verify within the Workforce Solutions business unit as well as a small acquisition and purchase of the remaining noncontrolling interest of a business within our International business unit. In the third quarter of 2021, the Company acquired 100% of Health e(fx) and Teletrack within the Workforce Solutions and USIS business units, respectively, as well as the purchase of the remaining noncontrolling interest of a business within our International business unit. Additionally, the Company acquired 100% of Appris Insights in October 2021, for cash consideration of approximately \$1.825 billion. Appris Insights is a source of risk and criminal justice intelligence information and will be reported within the Workforce Solutions business unit. We have completed the allocation of the purchase prices for the 2021 acquisitions.

2020 Acquisitions and Investments. In February 2020, we acquired the remaining 40.6% interest in our India joint venture. In 2020, the Company also completed an acquisition in our USIS segment to expand the Company's product offerings.

Purchase Price Allocation. The following table summarizes the estimated fair value of the net assets acquired and the liabilities assumed at the acquisition dates during 2022 and 2021.

	December 31,	
	2022	2021
	(In millions)	
Cash	\$ 10.8	\$ 5.2
Accounts receivable and other current assets	5.9	43.1
Other assets	6.0	26.6
Identifiable intangible assets ⁽¹⁾	187.4	1,094.1
Goodwill ⁽²⁾	283.9	1,842.7
Total assets acquired	494.0	3,011.7
Other current liabilities	(22.6)	(27.2)
Other liabilities	(26.8)	(43.7)
Net assets acquired	<u><u>\$ 444.6</u></u>	<u><u>\$ 2,940.8</u></u>

(1) Identifiable intangible assets are further disaggregated in the following table.

(2) The goodwill related to the 2022 acquisitions was recognized in the Workforce Solutions, USIS, and International operating segments. \$01.7 million of goodwill related to the 2022 acquisitions was tax deductible, which excludes goodwill related to Data Crédito within International and a portion of goodwill related to Midigator within USIS. The goodwill related to the 2021 acquisitions were recognized in the Workforce Solutions, USIS and International operating segments. \$1.4 billion of goodwill related to 2021 acquisitions was tax deductible, which excludes goodwill related to Kount within USIS and AccountScore within International.

The primary reasons the purchase price of these acquisitions exceeded the fair value of the net assets acquired, which resulted in the recognition of goodwill, were expanded growth opportunities from new or enhanced product offerings and geographies, cost savings from the elimination of duplicative activities and the acquisition of an assembled workforce that are not recognized as assets apart from goodwill.

Intangible asset category	2022		2021	
	Fair value (in millions)	Weighted-average useful life (in years)	Fair value (in millions)	Weighted-average useful life (in years)
	\$ —	0.0	\$ 562.3	14.5
Proprietary database	14.9	15.0	207.0	15.0
Purchased data files	89.5	10.0	160.7	10.0
Customer relationships	74.8	6.6	146.3	6.0
Acquired software and technology	4.5	2.0	11.3	2.0
Trade names and other intangible assets	3.7	7.9	6.5	4.5
Non-compete agreements	Total acquired intangibles	\$ 187.4	8.8	\$ 1,094.1

4. GOODWILL AND OTHER INTANGIBLE ASSETS

Goodwill. Goodwill represents the cost in excess of the fair value of the net assets acquired in a business combination. As discussed in Note 1, goodwill is tested for impairment at the reporting unit level on an annual basis and on an interim basis if an event occurs or circumstances change that would more likely than not reduce the fair value of a reporting unit below its carrying value. We perform our annual goodwill impairment tests as of September 30 each year. The fair value estimates for our reporting units were determined using a combination of the income and market approaches in accordance with the Company's methodology. Our annual impairment tests as of September 30, 2022, 2021 and 2020 resulted in no impairment of goodwill.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

During 2022, we acquired Efficient Hire and LawLogix within the Workforce Solutions operating segment. We acquired Midigator within the USIS operating segment. We acquired Data Crédito within the International operating segment.

During 2021, we acquired Appriss Insights, HIREtech, i2Verify and Health e(fx) within the Workforce Solutions operating segment. We acquired Kount and Teletrack within the USIS operating segment. We acquired AccountScore, as well as the remaining noncontrolling interest of businesses within our International segment.

During 2020, we acquired the remaining interest in our India joint venture in our International operating segment and completed an additional acquisition in our USIS operating segment.

Changes in the amount of goodwill for the twelve months ended December 31, 2022 and 2021, are as follows:

	Workforce Solutions	U.S. Information Solutions	International	Total
			<i>(In millions)</i>	
Balance, December 31, 2020	\$ 1,023.3	\$ 1,417.9	\$ 2,054.6	\$ 4,495.8
Acquisitions	1,342.1	481.5	18.4	1,842.0
Adjustments to initial purchase price allocation	—	0.7	—	0.7
Foreign currency translation	—	—	(79.1)	(79.1)
Divestitures	—	—	(1.3)	(1.3)
Balance, December 31, 2021	2,365.4	1,900.1	1,992.6	6,258.1
Acquisitions	145.0	111.8	27.0	283.8
Adjustments to initial purchase price allocation	10.7	(7.1)	(3.5)	0.1
Foreign currency translation	(0.3)	—	(133.2)	(133.5)
Divestitures	—	—	(24.6)	(24.6)
Balance, December 31, 2022	\$ 2,520.8	\$ 2,004.8	\$ 1,858.3	\$ 6,383.9

Indefinite-Lived Intangible Assets. Indefinite-lived intangible assets consist of indefinite-lived reacquired rights representing the value of rights which we had granted to various affiliate credit reporting agencies that were reacquired in the U.S. and Canada. At the time we acquired these agreements, they were considered perpetual in nature under the accounting guidance in place at that time and, therefore, the useful lives are considered indefinite. Indefinite-lived intangible assets are not amortized. We are required to test indefinite-lived intangible assets for impairment annually and whenever events or circumstances indicate that there may be an impairment of the asset value. We perform our annual indefinite-lived intangible asset impairment test as of September 30. Our 2022 annual impairment test completed during the third quarter of 2022 resulted in no impairment of indefinite-lived intangible assets. As of December 31, 2022 and 2021, these assets were approximately \$4.8 million and \$94.9 million, respectively.

Purchased Intangible Assets. Purchased intangible assets, net, recorded on our Consolidated Balance Sheets at December 31, 2022 and 2021, are as follows:

	December 31, 2022			December 31, 2021				
			Accumulated Amortization	Net			Accumulated Amortization	Net
	Gross		(In millions)	Gross		(In millions)		
Definite-lived intangible assets:								
Purchased data files	\$ 1,090.0	\$ (527.8)	\$ 562.2	\$ 1,103.1	\$ (466.0)	\$ 637.1		
Proprietary database	705.9	(115.0)	590.9	710.2	(59.3)	650.9		
Customer relationships	874.6	(407.4)	467.2	805.2	(354.9)	450.3		
Acquired software and technology	225.4	(42.6)	182.8	160.0	(18.9)	141.1		
Trade names and other intangible assets	26.7	(19.6)	7.1	23.9	(12.6)	11.3		
Non-compete agreements	14.5	(6.2)	8.3	11.0	(3.7)	7.3		
Total definite-lived intangible assets	\$ 2,937.1	\$ (1,118.6)	\$ 1,818.5	\$ 2,813.4	\$ (915.4)	\$ 1,898.0		

Amortization expense related to purchased intangible assets was \$236.7 million, \$176.4 million, and \$141.8 million during the twelve months ended December 31, 2022, 2021, and 2020, respectively.

Estimated future amortization expense related to definite-lived purchased intangible assets at December 31, 2022 is as follows:

Years ending December 31,	Amount (In millions)
2023	\$ 240.0
2024	228.7
2025	222.8
2026	210.3
2027	196.1
Thereafter	720.6
	\$ 1,818.5

5. DEBT

Debt outstanding at December 31, 2022 and 2021 was as follows:

	December 31,	
	2022	2021
	(In millions)	(In millions)
Commercial paper ("CP")	\$ 566.8	\$ 321.9
Notes, 3.30%, due Dec 2022	—	500.0
Notes, 3.95%, due June 2023	400.0	400.0
Notes, 2.60%, due December 2024	750.0	750.0
Notes, 2.60%, due December 2025	400.0	400.0
Notes, 3.25%, due June 2026	275.0	275.0
Term loan, due August 2026	700.0	700.0
Notes, 5.10%, due December 2027	750.0	—
Debentures, 6.90%, due July 2028	125.0	125.0
Notes, 3.1%, due May 2030	600.0	600.0
Notes, 2.35%, due September 2031	1,000.0	1,000.0
Notes, 7.00%, due July 2037	250.0	250.0
Other	0.4	3.2
Total debt	<u>5,817.2</u>	<u>5,325.1</u>
Less short-term debt and current maturities	(967.2)	(824.8)
Less unamortized discounts and debt issuance costs	(29.9)	(30.2)
Total long-term debt, net of discount	<u>\$ 4,820.1</u>	<u>\$ 4,470.1</u>

Scheduled future maturities of debt at December 31, 2022, are as follows:

Years ending December 31,	Amount (In millions)
2023	\$ 967.2
2024	771.9
2025	417.5
2026	935.6
2027	750.0
Thereafter	1,975.0
Total debt	<u>\$ 5,817.2</u>

5.1% Senior Notes. In September 2022, we issued \$750.0 million aggregate principal amount of 5.1% five-year Senior Notes due 2027 (the "2027 Notes") in an underwritten public offering. Interest on the 2027 Notes accrues at a rate of 5.1% per year and is payable semi-annually in arrears on June 15 and December 15 of each year. The net proceeds of the sale of the 2027 Notes were ultimately used to repay, in October 2022, our then-outstanding \$500.0 million 3.30% Senior Notes due December 2022. The remaining proceeds were used for general corporate purposes, including the repayment of borrowings under our commercial paper program. We must comply with various non-financial covenants, including certain limitations on mortgages, liens and sale-leaseback transactions, as well as mergers and sales of substantially all of our assets. The 2027 Notes are unsecured and rank equally with all of our other unsecured and unsubordinated indebtedness.

2.35% Senior Notes. On August 11, 2021, we issued \$1.0 billion aggregate principal amount of 2.35% ten-year Senior Notes due 2031 (the "2031 Notes") in an underwritten public offering. Interest on the 2031 Notes accrues at a rate of 2.35% per year and is payable semi-annually in arrears on March 15 and September 15 of each year, beginning on March 15, 2022. The net proceeds of the sale of the 2031 Notes were used to repay the \$300.0 million 3.6% Senior Notes due 2021 and \$300.0 million Floating Rate Notes due 2021. The remaining proceeds were used for general corporate purposes, including the repayment of borrowings under our CP program and the funding of acquisitions, including the Company's \$1.825 billion acquisition of Appriss Insights. We must comply with various non-financial covenants, including certain limitations on

mortgages, liens and sale-leaseback transactions, as well as mergers and sales of substantially all of our assets. The 2031 Notes are unsecured and rank equally with all of our other unsecured and unsubordinated indebtedness.

2.6% and 3.1% Senior Notes. On April 22, 2020, we issued \$400.0 million aggregate principal amount of 2.6% five-year Senior Notes due 2025 (the "2025 Notes") and \$600.0 million aggregate principal amount of 3.1% ten-year Senior Notes due 2030 (the "2030 Notes") in an underwritten public offering. Interest on the 2025 Notes accrues at a rate of 2.6% per year and is payable semi-annually in arrears on June 15 and December 15 of each year. Interest on the 2030 Notes accrues at a rate of 3.1% per year and is payable semi-annually in arrears on May 15 and November 15 of each year. The net proceeds of the sale of the notes were used to repay borrowings under our Receivables Facility and Revolver, while the remaining funds were used for general corporate purposes, including the repayment of a portion of the 2021 debt maturities. We must comply with various non-financial covenants, including certain limitations on mortgages, liens and sale-leaseback transactions, as well as mergers and sales of substantially all of our assets. The 2025 Notes and 2030 Notes are unsecured and rank equally with all of our other unsecured and unsubordinated indebtedness.

2.6% Senior Notes. On November 15, 2019, we issued \$750.0 million aggregate principal amount of 2.6% five-year Senior Notes due 2024 (the "2024 Notes") in an underwritten public offering. Interest on the 2024 Notes accrues at a rate of 2.6% per year and is payable semi-annually in arrears on June 1 and December 1 of each year. The net proceeds of the sale of the notes were used to repay borrowings under our Receivables Facility and our CP program and for general corporate purposes. We must comply with various non-financial covenants, including certain limitations on mortgages, liens and sale-leaseback transactions, as well as mergers and sales of substantially all of our assets. The 2024 Notes are unsecured and rank equally with all of our other unsecured and unsubordinated indebtedness.

3.6%, 3.95%, and Floating Rate Senior Notes. In May 2018, we issued \$300.0 million aggregate principal amount of 3.6% Senior Notes due 2021 (the "2021 Notes"), \$400.0 million aggregate principal amount of 3.95% Senior Notes due 2023 (the "2023 Notes"), and \$300.0 million aggregate principal amount Floating Rate Notes due 2021 (the "Floating Rate Notes") in an underwritten public offering. Interest on the 2021 Notes accrued from their date of issuance at a rate of 3.6% per year and was payable in cash semi-annually in arrears on February 15 and August 15 of each year. Interest on the 2023 Notes accrues from their date of issuance at a rate of 3.95% per year and is payable in cash semi-annually in arrears on June 15 and December 15 of each year beginning on December 15, 2018. Interest on the Floating Rate Notes for a particular interest period was a rate equal to three-month LIBOR on the interest determination date plus 0.87% per annum and was payable in cash quarterly in arrears on February 15, May 15, August 15, and November 15 of each year. The net proceeds of the sale of the 2021 Notes, 2023 Notes and Floating Rate Notes were used to repay borrowings under our Revolver, our prior \$800.0 million three-year delayed draw term loan facility ("Term Loan") and our CP program. We must comply with various non-financial covenants, including certain limitations on mortgages, liens and sale-leaseback transactions, as well as mergers and sales of substantially all of our assets. The 2021 Notes, 2023 Notes and Floating Rate Notes were unsecured and rank equally with all of our unsecured and unsubordinated indebtedness. In August 2021, we repaid the 2021 Notes and Floating Rate Notes using the proceeds from the 2031 Notes.

Senior Credit Facilities. In August 2021, the Company refinanced the existing unsecured revolving credit facility of \$1.1 billion set to expire September 2023 and entered into a new \$1.5 billion five-year unsecured revolving credit facility and a new \$700.0 million delayed draw term loan, collectively known as the "Senior Credit Facilities," both which mature in August 2026. Borrowings under the Senior Credit Facilities may be used for working capital, for capital expenditures, to refinance existing debt, to finance acquisitions, including the acquisition of Appriss Insights, and for other general corporate purposes. The Revolver includes an option to request a maximum of three one-year extensions of the maturity date any time after the first anniversary of the closing date of the Revolver. Availability of the Revolver is reduced by the outstanding principal balance of our CP notes and by any letters of credit issued under the Revolver. As of December 31, 2022, there were \$566.8 million of outstanding CP notes, \$0.4 million of letters of credit outstanding, no outstanding borrowings under the Revolver and \$700.0 million outstanding under the Term Loan. Availability under the Revolver was \$932.8 million at December 31, 2022.

Under the Senior Credit Facilities, the Company must comply with various financial and non-financial covenants. The Senior Credit Facilities include a maximum leverage ratio, defined as consolidated funded debt divided by consolidated EBITDA for the preceding four quarters, of (i) 3.75 to 1.0 initially, (ii) 4.25 to 1.0 for the first fiscal quarter ending after the consummation of the Appriss Insights acquisition on October 1, 2021, through the third quarter of 2022, (iii) 4.0 to 1.0 for the fourth quarter of 2022 through the first quarter of 2023 and (iv) 3.75 to 1.0 for the second quarter of 2023 through the remaining term of the Revolver. We may also elect to increase the maximum leverage ratio by 0.5 to 1.0 (subject to a maximum leverage ratio of 4.75 to 1.0) in connection with certain material acquisitions if we satisfy certain requirements. The Senior Credit Facilities also permit cash in excess of \$175 million to be netted against debt in the calculation of the leverage ratio, subject to certain restrictions. Compliance with this financial covenant is tested quarterly. The non-financial covenants include limitations on liens, subsidiary debt, mergers, liquidations, asset dispositions and certain government regulations. As of

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

December 31, 2022, we were in compliance with our covenants under the Revolver and Term Loan. Our borrowings under these facilities, which have not been guaranteed by any of our subsidiaries, are unsecured and will rank on parity in right of payment with all of our other unsecured and unsubordinated indebtedness from time to time outstanding.

At December 31, 2022, interest was payable on borrowings under the Revolver and Term Loan at the base rate or London Interbank Offered Rate, or LIBOR, plus a specified margin. The Company is required to pay on a quarterly basis a commitment fee with respect to our Revolver, which is calculated based upon the amount of daily usage of the Revolver over the available aggregate lender commitments thereunder during the applicable quarterly period. Both the applicable interest rate and the commitment fee are subject to adjustment based on the Company's debt ratings.

Commercial Paper Program. In the third quarter of 2021, we increased the size of our CP program from \$1.1 billion to \$1.5 billion, consistent with the increase in our Revolver. The \$1.5 billion CP program has been established through the private placement of CP notes from time-to-time, in which borrowings may bear interest at either a variable rate or a fixed rate, plus the applicable margin. Maturities of CP can range from overnight to 397 days. Because the CP is backstopped by our Revolver, the amount of CP which may be issued under the program is reduced by the outstanding face amount of any letters of credit issued and by the outstanding borrowings under our Revolver. At December 31, 2022, there were \$566.8 million of outstanding CP notes. We have disclosed the net short-term borrowing activity for the year ended December 31, 2022 in the Consolidated Statements of Cash Flows. The amount disclosed includes Commercial Paper borrowings of \$161.0 million and payments of \$346.8 million with a maturity date greater than 90 days and less than 365 days for the twelve months ended December 31, 2022.

2.3% and 3.25% Senior Notes. On May 12, 2016, we issued \$500.0 million principal amount of 2.3%, five-year senior notes and \$275.0 million principal amount of 3.25%, ten-year senior notes in an underwritten public offering. Interest is payable semi-annually in arrears on June 1 and December 1 of each year. The net proceeds of the sale of the notes were used to repay borrowings under our prior revolving credit facility and a portion of the borrowings under our CP incurred to finance the acquisition of Veda. We must comply with various non-financial covenants, including certain limitations on mortgages, liens and sale-leaseback transactions, as well as mergers and sales of substantially all of our assets. The senior notes are unsecured and rank equally with all of our other unsecured and unsubordinated indebtedness. In May 2021, we repaid the 2.3% Senior Notes with cash on hand.

7.0% Senior Notes. On June 28, 2007, we issued \$250.0 million principal amount of 7.0%, thirty-year senior notes in underwritten public offerings. Interest is payable semi-annually in arrears on January 1 and July 1 of each year. The net proceeds of the financing were used to repay short-term indebtedness, a substantial portion of which was incurred in connection with an acquisition. We must comply with various non-financial covenants, including certain limitations on liens, additional debt and mortgages, mergers, asset dispositions and sale-leaseback arrangements. The senior notes are unsecured and rank equally with all of our other unsecured and unsubordinated indebtedness.

3.3% Senior Notes. On December 17, 2012, we issued \$500.0 million principal amount of 3.3%, ten-year senior notes in an underwritten public offering. Interest was payable semi-annually in arrears on December 15 and June 15 of each year. The net proceeds of the sale of the notes were used to partially finance an acquisition in December 2012. We must comply with various non-financial covenants, including certain limitations on liens, additional debt and mortgages, mergers, asset dispositions and sale-leaseback arrangements. The senior notes are unsecured and rank equally with all of our other unsecured and unsubordinated indebtedness.

6.9% Debentures. We have \$125.0 million of debentures outstanding with a maturity date of 2028. The debentures are unsecured and rank equally with all of our other unsecured and unsubordinated indebtedness.

Cash paid for interest was \$161.7 million, \$139.7 million and \$130.9 million during the twelve months ended December 31, 2022, 2021 and 2020, respectively.

6. COMMITMENTS AND CONTINGENCIES

Canadian Class Actions

In 2017, we experienced a cybersecurity incident following a criminal attack on our systems that involved the theft of personal information of consumers. Five putative Canadian class actions, four of which are on behalf of a national class of approximately 19,000 Canadian consumers, are pending against us in Ontario, British Columbia and Alberta. Each of the proposed Canadian class actions asserts a number of common law and statutory claims seeking monetary damages and other related relief in connection with the 2017 cybersecurity incident. In addition to seeking class certification on behalf of Canadian

consumers whose personal information was allegedly impacted by the 2017 cybersecurity incident, in some cases, plaintiffs also seek class certification on behalf of a larger group of Canadian consumers who had contracts for subscription products with Equifax around the time of the incident or earlier and were not impacted by the incident.

On December 13, 2019, the court in Ontario granted certification of a nationwide class that includes all impacted Canadians as well as Canadians who had subscription products with Equifax between March 7, 2017 and July 30, 2017 who were not impacted by the incident. We appealed one of the claims on which a class was certified and on June 9, 2021, our appeal was granted by the Ontario Divisional Court. The plaintiff filed a notice of further appeal with the Ontario Court of Appeal, and on November 25, 2022, the Ontario Court of Appeal dismissed the plaintiff's appeal and upheld the Divisional Court's ruling in our favor. On January 24, 2023, the plaintiff appealed this decision to the Supreme Court of Canada. All remaining purported class actions are at preliminary stages or stayed.

FCA Investigation

The U.K.'s Financial Conduct Authority ("FCA") opened an enforcement investigation against our U.K. subsidiary, Equifax Limited, in October 2017 in connection with the 2017 cybersecurity incident. The investigation by the FCA has involved a number of information requirements and interviews. We have responded to the information requirements and continue to cooperate with the investigation. At this time, we are unable to predict the outcome of this FCA investigation, including whether the investigation will result in any action or proceeding against us.

Data Processing, Outsourcing Services and Other Agreements

We have separate agreements with Google, Amazon Web Services, UST Global, Kyndryl and others to outsource portions of our network and security infrastructure, computer data processing operations, applications development, business continuity and recovery services, help desk service and desktop support functions, operation of our voice and data networks, maintenance and related functions and to provide certain other administrative and operational services. The agreements expire between 2023 and 2028. The estimated aggregate minimum contractual obligation remaining under these agreements is approximately \$948 million as of December 31, 2022, with no future year's minimum contractual obligation expected to exceed approximately \$361 million. Annual payment obligations in regard to these agreements vary due to factors such as the volume of data processed; changes in our servicing needs as a result of new product offerings, acquisitions or divestitures; the introduction of significant new technologies; foreign currency; or the general rate of inflation. In certain circumstances (e.g., a change in control or for our convenience), we may terminate these data processing and outsourcing agreements, and, in doing so, certain of these agreements require us to pay significant termination fees.

Under our agreement with Google, we have outsourced certain areas of our network and security infrastructure. The estimated future minimum contractual obligation under the agreement is approximately \$440 million for the remaining term, with no individual year's minimum expected to exceed approximately \$120 million. We may terminate certain portions of this agreement without penalty in the event that Google is in material breach of the terms of the agreement. During 2022, 2021 and 2020, we paid approximately \$152 million, \$62 million and \$29 million, respectively, for these services.

Under our agreement with Amazon Web Services, we have outsourced certain areas of our network and security infrastructure. The estimated future minimum contractual obligation under the agreement is approximately \$222 million for the remaining term, with no individual year's minimum expected to exceed approximately \$52 million. During 2022, 2021, and 2020, we paid approximately \$74 million, \$58 million and \$43 million, respectively, for these services.

Change in Control Agreements

In February 2019, we adopted the Equifax Inc. Change in Control Severance Plan (the "CIC Plan") for certain key executives. The CIC Plan does not apply to Mark W. Begor, our Chief Executive Officer, whose severance benefits in a change of control are contained in his employment agreement with the Company. The CIC Plan and Mr. Begor's agreement provide for, among other things, certain payments and benefits in the event of a qualifying termination of employment (i.e., termination of employment by the executive for "good reason" or termination of employment by the Company without "cause," each as defined in the applicable document) following a change in control of the Company. In the event of a qualifying termination, the executive will become entitled to continuation of certain employee benefits for two years, as well as a lump sum severance payment, all of which differs by executive.

Change in control events potentially triggering benefits under the CIC Plan and Mr. Begor's agreement would occur, subject to certain exceptions, if (1) any person acquire 20% or more of our voting stock; (2) upon a merger or other business combination, our shareholders receive less than two-thirds of the common stock and combined voting power of the new

company; (3) members of the current Board of Directors ceasing to constitute a majority of the Board of Directors, except for new directors that are regularly elected; (4) we sell or otherwise dispose of all or substantially all of our assets; or (5) we liquidate or dissolve. If these change in control benefits had been triggered as of December 31, 2022, payments of approximately \$30.5 million would have been made.

Under the Company's existing employee stock benefit plans, upon a change in control, outstanding awards will continue to vest in accordance with the terms. However, if outstanding awards are not assumed or continued in the change in control transaction or if the executive incurs a qualifying termination in connection with the change in control, then all outstanding stock options and nonvested stock awards will vest. With respect to unvested performance based share awards dependent upon the Company's three-year relative total shareholder return, if at least one calendar year of performance during the performance period has been completed prior to the change in control event, the awards will be paid out based on the Company's performance at that time; otherwise the payout of shares will be at 100% of the target award. Under the Company's existing director stock benefit plans, upon a change in control, all outstanding nonvested stock awards will vest.

Guarantees

We will from time to time issue standby letters of credit, performance or surety bonds or other guarantees in the normal course of business. The aggregate notional amount of all performance bonds, surety bonds and standby letters of credit is not material at December 31, 2022 and generally have a remaining maturity of one year or less. We may issue other guarantees in the ordinary course of business. The maximum potential future payments we could be required to make under the guarantees is not material at December 31, 2022. We have agreed to guarantee the liabilities and performance obligations (some of which have limitations) of a certain debt collections and recovery management subsidiary under its commercial agreements. We cannot reasonably estimate our potential future payments under the guarantees and related provisions described above because we cannot predict when and under what circumstances these provisions may be triggered. We had no accruals related to guarantees on our Consolidated Balance Sheets at December 31, 2022.

General Indemnifications

Many of our commercial agreements contain commercially standard indemnification obligations related to tort, material breach or other liabilities that arise during the course of performance under the agreement. These indemnification obligations are typically mutual.

We are the lessee under many real estate leases. It is common in these commercial lease transactions for us, as the lessee, to agree to indemnify the lessor and other related third parties for tort, environmental and other liabilities that arise out of or relate to our use or occupancy of the leased premises. This type of indemnity would typically make us responsible to indemnified parties for liabilities arising out of the conduct of, among others, contractors, licensees and invitees at or in connection with the use or occupancy of the leased premises. This indemnity often extends to related liabilities arising from the negligence of the indemnified parties, but usually excludes any liabilities caused by either their sole or gross negligence and their willful misconduct.

Certain of our credit agreements include provisions which require us to make payments to preserve an expected economic return to the lenders if that economic return is diminished due to certain changes in law or regulations. In certain of these credit agreements, we also bear the risk of certain changes in tax laws that would be subject to payments to non-U.S. lenders to withholding taxes.

In conjunction with certain transactions, such as sales or purchases of operating assets or services in the ordinary course of business, or the disposition of certain assets or businesses, we sometimes provide routine indemnifications, the terms of which range in duration and sometimes are not limited.

The Company has entered into indemnification agreements with its directors and executive officers. Under these agreements, the Company has agreed to indemnify such individuals to the fullest extent permitted by law against liabilities that arise by reason of their status as directors or officers and to advance expenses incurred by such individuals in connection with the related legal proceedings. The Company maintains directors and officers liability insurance coverage to reduce its exposure to such obligations.

We cannot reasonably estimate our potential future payments under the indemnities and related provisions described above because we cannot predict when and under what circumstances these provisions may be triggered. We have no accrual related to indemnifications on our Consolidated Balance Sheets at December 31, 2022 and 2021.

Subsidiary Dividend and Fund Transfer Limitations

The ability of some of our subsidiaries and associated companies to transfer funds to us is limited, in some cases, by certain restrictions imposed by foreign governments, which do not, individually or in the aggregate, materially limit our ability to service our indebtedness, meet our current obligations or pay dividends.

Contingencies

In addition to the matters set forth above, we are involved in legal and regulatory matters, government investigations, claims and litigation arising in the ordinary course of business. We periodically assess our exposure related to these matters based on the information which is available. We have recorded accruals in our Consolidated Financial Statements for those matters in which it is probable that we have incurred a loss and the amount of the loss, or range of loss, can be reasonably estimated.

Although the final outcome of these matters cannot be predicted with certainty, any possible adverse outcome arising from these matters is not expected to have a material impact on our Consolidated Financial Statements, either individually or in the aggregate. However, our evaluation of the likely impact of these matters may change in the future. We accrue for unpaid legal fees for services performed to date.

7. INCOME TAXES

The provision from income taxes consisted of the following:

	Twelve Months Ended December 31,		
	2022	2021	2020
(In millions)			
Current:			
Federal	\$ 73.4	\$ 108.1	\$ 34.8
State	27.7	39.3	24.0
Foreign	40.3	44.0	33.7
	141.4	191.4	92.5
Deferred:			
Federal	68.6	43.3	40.6
State	19.0	4.7	(0.1)
Foreign	0.5	(38.7)	26.0
	88.1	9.3	66.5
Provision from income taxes	\$ 229.5	\$ 200.7	\$ 159.0

Domestic and foreign income before income taxes was as follows:

	Twelve Months Ended December 31,		
	2022	2021	2020
(In millions)			
U.S.	\$ 794.7	\$ 885.6	\$ 470.3
Foreign	135.0	63.6	214.9
	\$ 929.7	\$ 949.2	\$ 685.2

The provision from income taxes reconciles with the U.S. federal statutory rate, as follows:

	Twelve Months Ended December 31,					
	2022		2021 (In millions)		2020	
Federal statutory rate	21.0	%	21.0	%	21.0	%
Provision computed at federal statutory rate	\$ 195.2		\$ 199.3		\$ 143.9	
State and local taxes, net of federal tax benefit	34.7		34.9		17.8	
Foreign differential	14.8		(10.4)		5.5	
Federal research & development credit	(28.5)		(16.6)		(15.9)	
Equity compensation	(6.8)		(14.0)		(6.0)	
Tax reserves	4.9		(0.8)		1.4	
Legal settlement	—		—		0.1	
Excess officer's compensation	6.1		5.8		5.8	
Valuation allowance	3.8		0.5		7.8	
Other	5.3		2.0		(1.4)	
Provision from income taxes	\$ 229.5		\$ 200.7		\$ 159.0	
Effective income tax rate	24.7	%	21.2	%	23.2	%

We record deferred income taxes using enacted tax laws and rates for the years in which the taxes are expected to be paid. Deferred income tax assets and liabilities are recorded based on the differences between the financial reporting and income tax bases of assets and liabilities. For additional information about our income tax policy see Note 1 of the Notes to Consolidated Financial Statements.

Components of the deferred income tax assets and liabilities at December 31, 2022 and 2021, were as follows:

	December 31,	
	2022	2021
	(In millions)	
Deferred income tax assets:		
Net operating and capital loss carryforwards	\$ 110.2	\$ 124.9
Goodwill and intangible assets	114.6	123.4
Employee compensation programs	45.3	61.0
Foreign tax credits	17.2	17.2
Employee pension benefits	26.7	34.7
Reserves and accrued expenses	10.1	19.6
Accrued legal expense	7.1	94.9
Research and development costs	32.6	34.1
Operating lease asset	19.3	26.0
Other	18.3	14.8
Gross deferred income tax assets	401.4	550.6
Valuation allowance	(185.1)	(192.0)
Total deferred income tax assets, net	216.3	358.6
Deferred income tax liabilities:		
Goodwill and intangible assets	(582.6)	(620.6)
Undistributed earnings of foreign subsidiaries	(6.0)	(5.7)
Depreciation	(26.6)	(23.4)
Operating lease liability	(19.3)	(26.0)
Prepaid expenses	(11.3)	(10.7)
Investment basis difference	(23.4)	(17.4)
Other	(0.8)	(4.0)
Total deferred income tax liability	(670.0)	(707.8)
Net deferred income tax liability	\$ (453.7)	\$ (349.2)

Our deferred income tax assets and deferred income tax liabilities at December 31, 2022 and 2021, are included in the accompanying Consolidated Balance Sheets as follows:

	December 31,	
	2022	2021
	(In millions)	
Long-term deferred income tax assets, included in other assets	\$ 6.6	\$ 9.0
Long-term deferred income tax liabilities	(460.3)	(358.2)
Net deferred income tax liability	\$ (453.7)	\$ (349.2)

We record deferred income taxes on the temporary differences of our foreign subsidiaries, except for the temporary differences related to undistributed earnings of subsidiaries which we consider indefinitely invested. As of December 31, 2022, we have indefinitely invested \$289.9 million attributable to undistributed earnings of our Canadian and Chilean subsidiaries. If these earnings were not considered indefinitely invested, we estimate that \$20.6 million of deferred withholding tax liability would have been provided. Further, we are permanently invested with respect to the original investment in foreign subsidiaries. Therefore, we have not provided the deferred tax assets on the outside basis of these subsidiaries as we have no intent to sell or divest of these subsidiaries. However, the Company has provided for local country withholding taxes related to these earnings.

At December 31, 2022, we had U.S. federal and state net operating loss carryforwards of \$4.8 million and \$501.6 million, respectively, which will expire at various times between 2023 and 2041. We also had foreign net operating loss carryforwards totaling \$260.6 million of which \$15.7 million will expire between 2023 and 2041 and the remaining \$244.9

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

million will carryforward indefinitely. Foreign capital loss carryforwards of \$16.3 million may be carried forward indefinitely. We had foreign tax credit carryforwards of \$17.2 million which will expire in the years 2025 through 2028. Additionally, we had state and foreign research and development credit carryforwards of \$32.6 million. The state credits expire between 2029 through 2032 and the foreign credits have an indefinite expiration period. We have state §163(j) interest limitation carryovers of \$630.4 million which have an indefinite expiration period. The tax effected amount of the state §163(j) interest limitation carryovers is \$5.1 million. The deferred tax asset related to the net operating loss, capital loss carryforwards, foreign tax credit carryforwards, §163(j) carryforwards and research and development credit is \$65.1 million of which \$65.3 million has been fully reserved in the deferred tax valuation allowance.

Cash paid for income taxes, net of amounts refunded, was \$152.4 million, \$192.3 million and \$75.6 million during the twelve months ended December 31, 2022, 2021 and 2020, respectively.

We recognize interest and penalties accrued related to unrecognized tax benefits in the provision for income taxes on our Consolidated Statements of Income.

A reconciliation of the beginning and ending amount of unrecognized tax benefits is as follows:

	2022 <i>(In millions)</i>	2021 <i>(In millions)</i>
Beginning balance (January 1)	\$ 48.5	\$ 41.5
Increases related to prior year tax positions	7.7	8.7
Decreases related to prior year tax positions	(1.0)	(0.1)
Increases related to current year tax positions	12.2	8.7
Decreases related to settlements	(1.0)	(0.5)
Expiration of the statute of limitations for the assessment of taxes	(9.9)	(9.6)
Currency translation adjustment	(0.3)	(0.2)
Ending balance (December 31)	<u><u>\$ 56.2</u></u>	<u><u>\$ 48.5</u></u>

We recorded liabilities of \$42.7 million and \$34.5 million for unrecognized tax benefits as of December 31, 2022 and 2021, respectively, which included interest and penalties of \$6.5 million and \$5.2 million, respectively. As of December 31, 2022 and 2021, the total amount of unrecognized benefits that, if recognized, would have affected the effective tax rate was \$41.1 million and \$33.0 million, respectively, which included interest and penalties of \$5.9 million and \$4.7 million, respectively. During 2022 and 2021, gross interest and penalties of \$2.2 million and \$1.0 million, respectively, were accrued.

As of December 31, 2022 and 2021, the gross amount of unrecognized tax benefits was \$6.2 million and \$48.5 million, respectively. Of the total, \$19.9 million in 2022 and \$19.2 million in 2021 relate to unrecognized tax benefits for which no liability has been recorded associated with the carryforward of certain state attributes. If we were to prevail on all uncertain tax positions, the net effect would be a benefit of \$36.3 million and \$29.3 million in 2022 and 2021, respectively, exclusive of any benefits related to interest and penalties.

Equifax and its subsidiaries are subject to U.S. federal, state and international income taxes. We are generally no longer subject to federal, state or international income tax examinations by tax authorities for years before 2018. Due to the potential for resolution of state and foreign examinations, and the expiration of various statutes of limitations, it is reasonably possible that Equifax's gross unrecognized tax benefit balance may change within the next twelve months by a range of zero to \$3.9 million.

Inflation Reduction Act

On August 16, 2022, President Biden signed the Inflation Reduction Act into law, which included enactment of a 15% corporate minimum tax effective in 2023. We currently do not expect the corporate minimum tax to have a material impact on our financial results.

8. STOCK-BASED COMPENSATION

We have one active share-based award plan, the amended and restated 2008 Omnibus Incentive Plan. This plan was originally approved by our shareholders in 2008 and was amended and restated with shareholder approval in May 2013 to, among other things, increase the reserve for awards under the plan by 11 million shares. The plan provides our directors, officers and certain key employees with stock options, restricted stock units and performance share awards. The plan is described below. We expect to issue common shares held as either treasury stock or new issue shares upon the exercise of stock options or once shares vest pursuant to restricted stock units or performance share awards. Total stock-based compensation expense in our Consolidated Statements of Income during the twelve months ended December 31, 2022, 2021 and 2020, was as follows:

	Twelve Months Ended December 31,		
	(In millions)		
	2022	2021	2020
Cost of services	\$ 12.4	\$ 12.0	\$ 11.2
Selling, general and administrative expenses	50.2	42.9	43.5
Stock-based compensation expense, before income taxes	\$ 62.6	\$ 54.9	\$ 54.7

The total income tax benefit recognized for stock-based compensation expense was \$14.8 million, \$13.0 million and \$13.0 million for the twelve months ended December 31, 2022, 2021 and 2020, respectively.

Stock Options. The 2008 Omnibus Incentive Plan provides that qualified and nonqualified stock options may be granted to officers and other employees. The 2008 Omnibus Incentive Plan requires that stock options be granted at exercise prices not less than market value on the date of grant. Generally, stock options are subject to graded vesting for periods of up to three years based on service, with 33% vesting for each year of completed service, and expire ten years from the grant date.

We use the binomial model to calculate the fair value of stock options granted. The binomial model incorporates assumptions regarding anticipated employee exercise behavior, expected stock price volatility, dividend yield and risk-free interest rate. Anticipated employee exercise behavior and expected post-vesting cancellations over the contractual term used in the binomial model were primarily based on historical exercise patterns. These historical exercise patterns indicated there was not significantly different exercise behavior between employee groups. For our expected stock price volatility assumption, we weighted historical volatility and implied volatility. We used daily observations for historical volatility, while our implied volatility assumption was based on actively traded options related to our common stock. The expected term is derived from the binomial model based on assumptions incorporated into the binomial model as described above.

The fair value for stock options granted during the twelve months ended December 31, 2022, 2021 and 2020, was estimated at the date of grant, using the binomial model with the following weighted-average assumptions:

	Twelve Months Ended December 31,		
	2022	2021	2020
Dividend yield	0.7 %	1.0 %	1.3 %
Expected volatility	31.5 %	28.5 %	23.5 %
Risk-free interest rate	2.4 %	0.5 %	1.3 %
Expected term (in years)	5.0	4.8	4.4
Weighted-average fair value of stock options granted	\$ 59.70	\$ 39.63	\$ 24.29

The following table summarizes changes in outstanding stock options during the twelve months ended December 31, 2022, as well as stock options that are vested and expected to vest and stock options exercisable at December 31, 2022:

	Shares (In thousands)	Weighted-Average Exercise Price	Weighted-Average Remaining Contractual Term (In years)	Aggregate Intrinsic Value (In millions)
Outstanding at December 31, 2021	1,710	\$ 149.67		
Granted (all at market price)	369	\$ 232.28		
Exercised	(76)	\$ 136.84		
Forfeited and canceled	(39)	\$ 198.34		
Outstanding at December 31, 2022	<u>1,964</u>	<u>\$ 164.72</u>	5.0	\$ 72.7
Vested and expected to vest at December 31, 2022	<u>1,943</u>	<u>\$ 164.12</u>	5.0	\$ 72.6
Exercisable at December 31, 2022	<u>1,268</u>	<u>\$ 141.40</u>	3.7	\$ 67.2

The aggregate intrinsic value amounts in the table above represent the difference between the closing price of Equifax's common stock on December 31, 2022 and the exercise price, multiplied by the number of in-the-money stock options as of the same date. This represents the value that would have been received by the stock option holders if they had all exercised their stock options on December 31, 2022. In future periods, this amount will change depending on fluctuations in Equifax's stock price. The total intrinsic value of stock options exercised during the twelve months ended December 31, 2022, 2021 and 2020, was \$5.9 million, \$41.9 million and \$20.3 million, respectively. At December 31, 2022, our total unrecognized compensation cost related to stock options was \$0.5 million with a weighted-average recognition period of 1.9 years.

The following table summarizes changes in outstanding options and the related weighted-average exercise price per share for the twelve months ended December 31, 2021 and 2020:

	December 31,			
	2021		2020	
	Shares (In thousands)	Weighted-Average Price	Shares (In thousands)	Weighted-Average Price
Outstanding at the beginning of the year	1,831	\$ 137.01	1,825	\$ 122.46
Granted (all at market price)	314	\$ 184.03	433	\$ 158.62
Exercised	(341)	\$ 114.35	(365)	\$ 106.04
Forfeited and canceled	(94)	\$ 145.92	(62)	\$ 147.83
Outstanding at the end of the year	<u>1,710</u>	<u>\$ 149.67</u>	<u>1,831</u>	<u>\$ 137.01</u>
Exercisable at end of year	<u>522</u>	<u>\$ 129.57</u>	<u>563</u>	<u>\$ 112.11</u>

Other Stock Awards. Our 2008 Omnibus Incentive Plan also provides for awards of restricted stock units and performance shares or units that are settled in shares of our common stock that can be granted to executive officers, employees and directors. Such stock awards are generally subject to cliff vesting over a period between one to three years based on service and may also have vesting conditions based on meeting specified performance goals.

The fair value of these stock awards is based on the fair market value of our common stock on the date of grant. However, stock awards granted prior to February 16, 2017 did not accrue or pay dividends during the vesting period, so the fair value on the date of grant for the pre-2017 awards was reduced by the present value of the expected dividends over the requisite service period (discounted using the appropriate risk-free interest rate). Stock awards granted beginning in 2017 include the right to dividends or dividend equivalents, which are accrued and payable only if and when the underlying stock vests and is payable.

Pursuant to our 2008 Omnibus Incentive Plan, certain executives have been granted performance shares pursuant to which the number of shares earned is dependent upon the Company's three-year total shareholder return relative to the three-year total shareholder return of the companies in the S&P 500 stock index, as comprised on the grant date, subject to adjustment. In 2017, certain executives were granted performance shares pursuant to which the number of shares earned was

dependent upon the Company's three-year cumulative adjusted earnings per share. Beginning in 2022, certain executives have been granted performance shares pursuant to which the number of shares earned is dependent upon the Company's adjusted EBITDA growth over the three-year performance period.

The number of shares which could potentially be issued under these performance share awards ranges from zero to 200% of the target award. The grants outstanding subject to market performance as of December 31, 2022 would result in 291,376 shares outstanding at 100% of target and 582,752 at 200% of target at the end of the vesting period. Compensation expense for shares earned based on the Company's three-year total shareholder return is recognized on a straight-line basis over the measurement period and is based upon the fair market value of the shares estimated to be earned at the date of grant using a Monte-Carlo simulation. Compensation expense for shares earned based on the Company's three-year cumulative adjusted earnings per share was recognized on a straight-line basis over the measurement period based on the grant date fair value of our common stock and the number of awards expected to vest at each reporting date. Compensation expense for shares earned based on the Company's adjusted EBITDA is recognized on a straight-line basis over the measurement period and is based upon the fair market value of the shares estimated to be earned at the date of grant using a Monte-Carlo simulation.

The following table summarizes changes in these other stock awards during the twelve months ended December 31, 2022, 2021 and 2020 and the related weighted-average grant date fair value:

	Shares (In thousands)	Weighted-Average Grant Date Fair Value
Nonvested at December 31, 2019	1,041	\$ 118.25
Granted	257	\$ 155.84
Vested	(279)	\$ 157.73
Forfeited	(92)	\$ 153.43
Nonvested at December 31, 2020	927	\$ 128.04
Granted	396	\$ 175.51
Vested	(465)	\$ 130.96
Forfeited	(79)	\$ 141.73
Nonvested at December 31, 2021	779	\$ 159.73
Granted	483	\$ 196.97
Vested	(406)	\$ 133.26
Forfeited	(72)	\$ 202.70
Nonvested at December 31, 2022	<u>784</u>	<u>\$ 192.47</u>

The total fair value of stock awards that vested during the twelve months ended December 31, 2022, 2021 and 2020, was \$85.9 million, \$106.7 million and \$44.0 million, respectively, based on the weighted-average fair value on the vesting date, and \$54.2 million, \$61.0 million and \$32.5 million, respectively, based on the weighted-average fair value on the date of grant. At December 31, 2022, our total unrecognized compensation cost related to these nonvested stock awards was \$56.6 million with a weighted-average recognition period of 2.1 years.

Employee Stock Purchase Plan. Effective July 1, 2020, the Equifax board approved the 2020 Employee Stock Purchase Plan ("ESPP"). Under the ESPP, participating employees will have the option to withhold 1% - 10% of their annual salary, up to \$25,000 annually, to purchase Equifax stock at a 5% discount based on the closing stock price of the final day of the offering period. The ESPP is noncompensatory in nature and is treated as any other sale of the Company's equity instruments.

9. BENEFIT PLANS

We have defined benefit pension plans and defined contribution plans. We also maintain certain healthcare and life insurance benefit plans for eligible retired employees. The measurement date for our defined benefit pension plans and other postretirement benefit plans is December 31 of each year.

Pension Benefits. Pension benefits are provided through U.S., and previously, Canadian defined benefit pension plans and three supplemental executive defined benefit pension plans.

U.S. and Canadian Retirement Plans. We sponsor a qualified defined benefit retirement plan, the U.S. Retirement Income Plan (“USRIP”), that covers approximately 6% of current U.S. salaried employees who were hired on or before June 30, 2007, the last date on which an individual could be hired and enter the plan before the USRIP was closed to new participation at December 31, 2008. This plan also covers retirees as well as certain terminated but vested individuals not yet in retirement status. We also sponsored a retirement plan with both defined benefit and defined contribution components that covered most salaried and hourly employees in Canada, the Canadian Retirement Income Plan (“CRIP”); the defined benefit component was also closed to new hires on October 1, 2011.

Effective December 31, 2014, the USRIP plan was frozen for all participants eligible to accrue benefits. Accordingly, pension plan participants earn no new benefits under the plan formula. Additionally, the CRIP, a registered defined benefit pension plan, was changed for employees who did not meet retirement-eligibility status under the CRIP as of December 31, 2012 (“Non-Grandfathered” participants). Under the plan amendment, the service credit for Non-Grandfathered participants froze, but these participants continued to receive credit for salary increases and vesting service. Additionally, Non-Grandfathered employees and certain other employees not eligible to participate in the CRIP (i.e., new hires on or after October 1, 2011) are eligible to participate in an enhanced defined contribution plan. In 2019, the Compensation Committee of the Board of Directors approved the termination of the plan. The CRIP was frozen effective December 31, 2020 at which date we ceased accruing benefits for all active members. During the third quarter of 2022, we settled the liabilities under the CRIP with lump sum payments and an annuity purchase.

During the twelve months ended December 31, 2022, we made no voluntary contributions to the USRIP and made contributions of \$15.5 million to the CRIP. During the twelve months ended December 31, 2021, we made no voluntary contributions to the USRIP and made contributions of \$2.8 million to the CRIP. At December 31, 2022, the USRIP met or exceeded ERISA’s minimum funding requirements.

The annual report produced by our consulting actuaries specifies the funding requirements for our plans based on projected benefits for plan participants, historical investment results on plan assets, current discount rates for liabilities, assumptions for future demographic developments and recent changes in statutory requirements. We may elect to make additional discretionary contributions to our plans in excess of minimum funding requirements, subject to statutory limitations.

Supplemental Retirement Plans. We maintain three supplemental executive retirement programs for certain key employees. The plans, which are unfunded, provide supplemental retirement payments based on salary and years of service.

Other Benefits. We maintain certain healthcare and life insurance benefit plans for eligible retired employees. Substantially all of our U.S. employees may become eligible for the retiree healthcare benefits if they reach retirement age while working for us and satisfy certain years of service requirements. Employees hired on or after January 1, 2009 are required to pay the full cost of coverage after retirement. The retiree life insurance program covers employees who retired on or before December 31, 2003. We accrue the cost of providing healthcare benefits over the active service period of the employee.

Obligations and Funded Status. A reconciliation of the projected benefit obligations, plan assets and funded status of the plans is as follows:

	Pension Benefits			Other Benefits		
	2022	2021	2022	2021		
<i>(In millions)</i>						
Change in projected benefit obligation						
Benefit obligation at January 1,	\$ 731.9	\$ 766.5	\$ 17.1	\$ 20.7		
Service cost	1.5	1.4	0.2	0.2		
Interest cost	20.1	19.0	0.5	0.5		
Plan participants' contributions	—	—	—	1.3		
Amendments	—	—	—	(2.2)		
Actuarial (gain)	(151.7)	(12.5)	(3.3)	(1.5)		
Foreign currency exchange rate changes	(1.1)	0.1	(0.1)	—		
Settlements	(57.4)	—	—	—		
Benefits paid	(42.2)	(42.6)	(1.6)	(1.9)		
Projected benefit obligation at December 31,	501.1	731.9	12.8	17.1		
Change in plan assets						
Fair value of plan assets at January 1,	600.5	638.4	15.0	15.8		
Actual return on plan assets	(124.4)	(5.2)	(3.3)	—		
Employer contributions	22.4	9.7	0.1	1.5		
Plan participants' contributions	—	—	—	1.3		
Foreign currency exchange rate changes	(0.9)	0.2	—	—		
Other disbursements	(56.4)	—	—	(0.8)		
Benefits paid	(42.2)	(42.6)	(1.1)	(2.8)		
Fair value of plan assets at December 31,	399.0	600.5	10.7	15.0		
Funded status of plan	\$ (102.1)	\$ (131.4)	\$ (2.1)	\$ (2.1)		

The accumulated benefit obligation for the USRIP, CRIP and Supplemental Retirement Plans was \$500.6 million at December 31, 2022. The accumulated benefit obligation for the USRIP, CRIP and Supplemental Retirement Plans was \$730.8 million at December 31, 2021.

At December 31, 2022, the USRIP had projected benefit obligations and accumulated benefit obligations in excess of the plan's respective assets. The fair value of plan assets for this plan were \$398.1 million and the projected benefit obligation and accumulated benefit obligation were \$412.3 million at December 31, 2022.

At December 31, 2022, the Supplemental Retirement Plans had projected benefit obligations and accumulated benefit obligations in excess of those plans' respective assets. The projected benefit obligation and accumulated benefit obligation for these plans in the aggregate were \$87.9 million and \$87.4 million, respectively, and these plans did not have any plan assets at December 31, 2022.

At December 31, 2021, the USRIP had projected benefit obligations and accumulated benefit obligations in excess of the plan's respective assets. The fair value of plan assets for this plan were \$551.4 million and the projected benefit obligation and accumulated benefit obligation were \$552.6 million at December 31, 2021.

At December 31, 2021, the Supplemental Retirement Plans had projected benefit obligations and accumulated benefit obligations in excess of those plans' respective assets. The projected benefit obligation and accumulated benefit obligation for these plans in the aggregate were \$113.1 million and \$112.1 million, respectively, and these plans did not have any plan assets at December 31, 2021. The fair value of plan assets for the CRIP was \$49.1 million and the projected benefit obligation and accumulated benefit obligation for the CRIP was \$66.1 million at December 31, 2021.

The following table represents the net amounts recognized, or the funded status of our pension and other postretirement benefit plans, in our Consolidated Balance Sheets at December 31, 2022 and 2021:

	Pension Benefits		Other Benefits	
	2022	2021	2022	2021
(In millions)				
Amounts recognized in the statements of financial position consist of:				
Current liabilities	(6.7)	(6.8)	(0.1)	(0.1)
Long-term liabilities	(95.4)	(124.6)	(2.0)	(2.0)
Net amount recognized	\$ (102.1)	\$ (131.4)	\$ (2.1)	\$ (2.1)

At December 31, 2022 and 2021 amounts included in accumulated other comprehensive loss related to pension benefit plans consisted of prior service cost of \$4 million and \$1.9 million, net of accumulated taxes of \$1.2 million and \$0.4 million, respectively. For the twelve months ended December 31, 2022 and 2021, we recognized a \$1.4 million gain and \$20.2 million loss, respectively, through net periodic benefit cost related to the annual mark-to-market remeasurement of our pension and postretirement plans. For the twelve months ended December 31, 2022 and 2021, amounts recognized through net periodic benefit cost related to prior service cost, curtailments and settlements were not material.

Components of Net Periodic Benefit Cost

	Pension Benefits			Other Benefits		
	2022	2021	2020	2022	2021	2020
(In millions)						
Service cost	\$ 1.5	\$ 1.4	\$ 1.7	\$ 0.2	\$ 0.2	\$ 0.2
Interest cost	20.1	19.0	23.5	0.5	0.5	0.6
Expected return on plan assets	(24.8)	(28.7)	(37.7)	(0.7)	(0.7)	(1.0)
Amortization of prior service cost	(1.7)	(1.8)	(1.7)	(0.5)	(0.1)	(0.2)
Recognized actuarial (gain) loss - mark to market	(2.7)	21.0	30.4	0.5	(0.8)	1.8
Settlements	(1.0)	—	—	—	—	—
Total net periodic benefit cost (income)	\$ (8.6)	\$ 10.9	\$ 16.2	\$ —	\$ (0.9)	\$ 1.4

Weighted-Average Assumptions

Weighted-average assumptions used to determine benefit obligations at December 31,	Pension Benefits			Other Benefits		
	2022	2021	2020	2022	2021	2020
Discount rate	5.70	%	2.85	%	5.65	%
Rate of compensation increase	6.00	%	6.00	%	N/A	N/A

Weighted-average assumptions used to determine net periodic benefit cost at December 31,	Pension Benefits			Other Benefits		
	2022	2021	2020	2022	2021	2020
Discount rate	2.85 %	2.56 %	3.38 %	2.86 %	2.47 %	3.26 %
Expected return on plan assets	4.27 %	4.65 %	6.46 %	4.60 %	4.80 %	6.50 %
Rate of compensation increase	6.00 %	6.00 %	4.37 %	N/A	N/A	N/A

During 2021, we adopted the MP-2021 mortality improvement projections in determining the liability for the U.S. plans. The updated mortality tables and projection scale contributed to a slight increase in the projected benefit obligation, partially offsetting the increase in the discount rates in 2021, the net of which resulted in the decrease of the projected benefit obligation as of December 31, 2021. During 2022, we continued to use the MP-2021 mortality projection scale as a new version was not issued during the year.

During 2020, we adopted the MP-2020 mortality improvement scale in determining liability for the U.S. plans. The updated projection scale contributed to a slight decrease in the projected benefit obligation, partially offsetting the decrease in the discount rates in 2020, the net of which resulted in the increase of the projected benefit obligation as of December 31, 2020.

Discount Rates. We determine our discount rates primarily based on high-quality, fixed-income investments and yield-to-maturity analyses specific to our estimated future benefit payments available as of the measurement date. Discount rates are reset annually on the measurement date to reflect current market conditions. To determine the discount rate for our U.S. pension and postretirement benefit plans, we use a bond matching approach to select specific bonds that would satisfy our projected benefit payments. We believe the bond matching approach reflects the process we would employ to settle our pension and postretirement benefit obligations.

Expected and Actual Return on Plan Assets. We use a mark-to-market approach to recognize actuarial gains and losses and expected return on plan assets for our defined benefit pension and other postretirement benefit plans. Under this accounting principle the expected returns on plan assets are used to estimate pension expense throughout the year and remeasurement of the projected benefit obligation and plan assets are immediately recognized in earnings through net periodic benefit cost within Other Income (Expense) on the Consolidated Statements of Income (Loss) with pension and postretirement plans to be remeasured annually in the fourth quarter.

Healthcare Costs. For the Canadian plan, a flat 5.0% annual rate of increase in the per capita cost of covered healthcare benefits was assumed for 2023 and thereafter. Assumed healthcare cost trend rates have a significant effect on the amounts reported for the healthcare plan.

We estimate that the future benefits payable for our retirement and postretirement plans are as follows at December 31, 2022:

Years ending December 31,	U.S. Defined Benefit Plans	Non-U.S. Defined Benefit Plans	Other Benefit Plans
	(In millions)		
2023	\$ 41.8	\$ 0.9	\$ 1.5
2024	\$ 42.0	—	\$ 1.5
2025	\$ 42.2	—	\$ 1.4
2026	\$ 41.5	—	\$ 1.3
2027	\$ 40.9	—	\$ 1.3
Next five fiscal years to December 31, 2032	\$ 191.7	—	\$ 5.5

Fair Value of Plan Assets. The fair value of the pension assets at December 31, 2022 and 2021, are as follows:

	Fair Value at December 31, 2022	Fair Value Measurements at Reporting Date Using:			
		Quoted Prices in Active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
		(In millions)			
U.S. Equity	(1) \$ 33.9	\$ 33.9	\$ —	—	\$ —
International Equity	(2) 30.8	—	—	30.8	—
Fixed Income	(2) 313.5	—	—	313.5	—
Private Equity	(3) 13.1	—	—	—	13.1
Hedge Funds	(4) —	—	—	—	—
Real Assets	(5) 4.8	—	—	—	4.8
Cash	(1) 2.9	2.9	—	—	—
Total	\$ 399.0	\$ 36.8	\$ 344.3	\$ 17.9	

	Fair Value at December 31, 2021	Fair Value Measurements at Reporting Date Using:			
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	
		(In millions)			
U.S. Equity	(1)	\$ 44.8	\$ 44.8	\$ —	\$ —
International Equity	(2)	36.5	—	36.5	—
Fixed Income	(2)	475.8	—	475.8	—
Private Equity	(3)	16.1	—	—	16.1
Hedge Funds	(4)	0.1	—	—	0.1
Real Assets	(5)	4.4	—	—	4.4
Cash	(1)	22.8	22.8	—	—
Total		\$ 600.5	\$ 67.6	\$ 512.3	\$ 20.6

(1) Fair value is based on observable market prices for the assets.

(2) For the portion of this asset class categorized as Level 2, fair value is determined using dealer and broker quotations, certain pricing models, bid prices, quoted prices for similar assets and liabilities in active markets, or other inputs that are observable or can be corroborated by observable market data.

(3) Private equity investments are initially valued at cost. Fund managers periodically review the valuations utilizing subsequent company-specific transactions or deterioration in the company's financial performance to determine if fair value adjustments are necessary. Private equity investments are typically viewed as long term, less liquid investments with return of capital coming via cash distributions from the sale of underlying fund assets. The Plan intends to hold these investments through each fund's normal life cycle and wind down period. As of December 31, 2022 and 2021, we had \$12.2 million and \$17.5 million, respectively, of remaining commitments related to these private equity investments.

(4) Fair value is reported by the fund manager based on observable market prices for actively traded assets within the funds, as well as financial models, comparable financial transactions or other factors relevant to the specific asset for assets with no observable market. These investments are redeemable quarterly with a range of 30 – 90 days notice.

(5) The fair value of Real Assets are reported by the fund manager based on a combination of the following valuation approaches: current replacement cost less deterioration and obsolescence, a discounted cash flow model of income streams and comparable market sales. As of December 31, 2022 and 2021, we had \$0.2 million and \$0.3 million, respectively, of remaining commitments related to the real asset investments.

The following table shows a reconciliation of the beginning and ending balances for assets valued using significant unobservable inputs for the years ended December 31, 2022 and 2021:

	Private Equity	Hedge Funds	Real Assets
	(In millions)	(In millions)	(In millions)
Balance at December 31, 2020	\$ 9.8	\$ 15.3	\$ 16.3
Return on plan assets:			
Unrealized	3.4	(2.1)	(0.6)
Realized	2.2	2.1	0.2
Purchases	4.8	—	0.1
Sales	(4.1)	(15.2)	(11.6)
Balance at December 31, 2021	<u>\$ 16.1</u>	<u>\$ 0.1</u>	<u>\$ 4.4</u>
Return on plan assets:			
Unrealized	1.0	(0.1)	0.2
Realized	(0.8)	—	—
Purchases	2.5	—	0.2
Sales	(5.7)	—	—
Balance at December 31, 2022	<u>\$ 13.1</u>	<u>\$ —</u>	<u>\$ 4.8</u>

The fair value of the postretirement assets at December 31, 2022 and 2021, are as follows:

Description	Fair Value at December 31, 2022	Fair Value Measurements at Reporting Date Using:		
		Quoted Prices in Active Markets for Identical Assets (Level 1) (In millions)		
		Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	
U.S. Equity	(1)	0.9	0.9	—
International Equity	(2)	0.8	—	0.8
Fixed Income	(2)	8.4	—	8.4
Private Equity	(3)	0.4	—	0.4
Hedge Funds	(4)	—	—	—
Real Assets	(5)	0.1	—	0.1
Cash	(1)	0.1	0.1	—
Total	<u>\$ 10.7</u>	<u>\$ 1.0</u>	<u>\$ 9.2</u>	<u>\$ 0.5</u>

Description	Fair Value at December 31, 2021	Fair Value Measurements at Reporting Date Using:		
		Quoted Prices in Active Markets for Identical Assets (Level 1) (In millions)		
		Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	
U.S. Equity	(1)	\$ 1.2	\$ 1.2	\$ —
International Equity	(2)	1.0	—	1.0
Fixed Income	(2)	12.1	—	12.1
Private Equity	(3)	0.5	—	0.5
Hedge Funds	(4)	—	—	—
Real Assets	(5)	0.1	—	0.1
Cash	(1)	0.1	0.1	—
Total	<u>\$ 15.0</u>	<u>\$ 1.3</u>	<u>\$ 13.1</u>	<u>\$ 0.6</u>

- (1) Fair value is based on observable market prices for the assets.
- (2) For the portion of this asset class categorized as Level 2, fair value is determined using dealer and broker quotations, certain pricing models, bid prices, quoted prices for similar assets and liabilities in active markets, or other inputs that are observable or can be corroborated by observable market data.
- (3) Private equity investments are initially valued at cost. Fund managers periodically review the valuations utilizing subsequent company-specific transactions or deterioration in the company's financial performance to determine if fair value adjustments are necessary. Private equity investments are typically viewed as long term, less liquid investments with return of capital coming via cash distributions from the sale of underlying fund assets. The Plan intends to hold these investments through each fund's normal life cycle and wind down period.
- (4) Fair value is reported by the fund manager based on observable market prices for actively traded assets within the funds, as well as financial models, comparable financial transactions or other factors relevant to the specific asset for assets with no observable market. These investments are redeemable quarterly with a range of 30 – 90 days notice.
- (5) The fair value of Real Assets are reported by the fund manager based on a combination of the following valuation approaches: current replacement cost less deterioration and obsolescence, a discounted cash flow model of income streams and comparable market sales.

Gross realized and unrealized gains and losses, purchases and sales for Level 3 postretirement assets were not material for the twelve months ended December 31, 2022.

USRIP, or the Plan, Investment and Asset Allocation Strategies. The primary goal of the asset allocation strategy of the Plan is to produce a total investment return which will satisfy future annual cash benefit payments to participants and minimize future contributions from the Company. Additionally, this strategy will diversify the plan assets to minimize nonsystemic risk and provide reasonable assurance that no single security or class of security will have a disproportionate negative impact on the Plan. Investment managers are required to abide by the provisions of ERISA. Standards of performance for each manager include an expected return versus an assigned benchmark, a measure of volatility and a time period of evaluation.

The asset allocation strategy and investment manager recommendations are determined by the Investment Committee, with the advice of our external advisor. The asset allocation and ranges are approved by our in-house Investment Committee and Plan Administrators, who are Named Fiduciaries under ERISA.

In an effort to meet asset allocation and funded status objectives of the Plan, assets are categorized as Liability-Hedging Assets and Return-Seeking Assets. During 2020, the Investment Committee made the decision to reduce exposure to Return-Seeking Assets due to the plan's high funded status. As of December 31, 2022, the approved allocation ranges are set forth in the table below, with an 80% targeted allocation to Liability-Hedging Assets and a 20% targeted allocation to Return-Seeking Assets. Liability-Hedging Assets represent investments which are meant to provide a hedge relative to the Plan's liabilities and consist primarily of fixed income securities. Return-Seeking Assets include any asset class not intended to hedge the Plan's liabilities. At December 31, 2022, these assets included domestic and international equities, private equity (including secondary private equity) and real assets. Additionally, the Plan allows certain of their managers, subject to specific risk constraints, to utilize derivative instruments in order to enhance asset return, reduce volatility or both. Derivatives are primarily employed by the Plans in their fixed income portfolios and in the hedge fund-of-funds area. Derivatives can be used for hedging purposes to reduce risk.

No shares of Equifax common stock were directly owned by the Plan at December 31, 2022 or 2021. Not more than 5% of the portfolio (at cost), and 10% of the equity portfolio's market value, shall be invested in the securities of any one issuer, except the U.S. Government and U.S. Government Agencies.

The following asset allocation ranges and actual allocations were in effect as of December 31, 2022 and 2021:

USRIP	Range		Actual		2021
	2022	2021	2022	%	
U.S. Equity	0% - 20%	0% - 20%	8.5	%	8.1
International Equity	0% - 10%	0% - 10%	7.7	%	6.6
Private Equity	0% - 10%	0% - 10%	3.3	%	2.9
Hedge Funds	0% - 10%	0% - 10%	—	%	0.1
Real Assets	0% - 10%	0% - 10%	1.2	%	0.8
Fixed Income	65% - 100%	65% - 100%	78.8	%	80.6
Cash	0% - 15%	0% - 15%	0.5	%	0.9

Equifax Retirement Savings Plans. Equifax sponsors a U.S. tax qualified defined contribution plan, the Equifax Inc. 401(k) Plan, or the Plan. Beginning with the 2019 plan year, we provide a discretionary match of participants' contributions, up to five or six percent of employees eligible pay depending on certain eligibility rules under the Plan. Prior to the 2019 plan year, we also provided a discretionary direct contribution to certain eligible employees, the percentage of which was based upon an employee's credited years of service. Company contributions for the Plan during the twelve months ended December 31, 2022, 2021 and 2020 were \$38.1 million, \$34.5 million and \$31.8 million, respectively.

Foreign Retirement Plans. We also maintain defined contribution plans for certain employees in Canada and Spain and meet certain compulsory contribution requirements to retirement funds for employees in Australia, the U.K. and Ireland. For the years ended December 31, 2022, 2021 and 2020, our contributions related to these plans were \$15.0 million, \$15.7 million, and \$13.4 million, respectively.

Deferred Compensation Plans. We maintain deferred compensation plans that allow for certain management employees and the Board of Directors to defer the receipt of compensation (such as salary, incentive compensation or shares payable under vested restricted stock units and performance shares) until a later date based on the terms of the plans. The Company also makes contributions to the accounts of certain executives who are not eligible to participate in either of the Supplemental Retirement Plans. The benefits under our deferred compensation plans are guaranteed by the assets of a grantor trust which, through our funding, make investments in certain mutual funds. The purpose of this trust is to ensure, subject to the claims of the Company's creditors in the event of the Company's insolvency, the distribution of benefits accrued by participants of the deferred compensation plans, and to ensure full funding, upon a change in control, of the present value of accrued benefits payable to participants or beneficiaries under the plans.

Annual Incentive Plan. We have a shareholder-approved Annual Incentive Plan, which is a component of our amended and restated 2008 Omnibus Incentive Plan, for certain key officers that provides for annual or long-term cash awards at the end of various measurement periods, based on the earnings per share, revenue and/or various other criteria over the measurement period. Our total accrued incentive compensation for all incentive plans included in accrued salaries and bonuses on our Consolidated Balance Sheets was \$45.5 million and \$147.3 million at December 31, 2022 and 2021, respectively.

Employee Benefit Trusts. We maintain two employee benefit trusts for the purpose of satisfying obligations under the two Supplemental Retirement Plans. One of these trusts held 0.6 million shares of Equifax stock with a value, at cost, of \$5.9 million at December 31, 2022 and 2021, as well as cash, which was not material for both periods presented. These employee benefits trust assets are dedicated to ensure the payment of benefits accrued under our Supplemental Retirement Plans, and to ensure full funding of the accrued benefits in case of a change in control, as defined in the trust agreements. The assets in these plan trusts which are recorded on our Consolidated Balance Sheets are subject to creditor's claims in case of insolvency of Equifax Inc.

10. ACCUMULATED OTHER COMPREHENSIVE LOSS

Changes in accumulated other comprehensive loss by component, after tax, for the twelve months ended December 31, 2022, are as follows:

	Foreign currency	Pension and other postretirement benefit plans	Cash flow hedging transactions	Total
(In millions)				
Balance, December 31, 2021	\$ (292.5)	\$ (1.9)	\$ (1.0)	\$ (295.4)
Other comprehensive loss before reclassifications	(176.8)	—	—	(176.8)
Amounts reclassified from accumulated other comprehensive loss	—	(1.5)	—	(1.5)
Balance, December 31, 2022	<u>\$ (469.3)</u>	<u>\$ (3.4)</u>	<u>\$ (1.0)</u>	<u>\$ (473.7)</u>

Changes in accumulated other comprehensive loss related to noncontrolling interests were not material as of December 31, 2022.

11. RESTRUCTURING CHARGES

In the fourth quarters of 2022, 2021 and 2020, we recorded \$24.0 million (\$18.0 million, net of tax), \$8.6 million (\$6.5 million, net of tax) and \$31.9 million (\$24.3 million, net of tax) of restructuring charges, respectively, all of which were recorded in selling, general and administrative expenses on our Consolidated Statements of Income. These charges were recorded to general corporate expense and resulted from our continuing efforts to realign our internal resources to support the Company's strategic objectives. The 2022, 2021 and 2020 restructuring charges primarily relate to a reduction in headcount. As of December 31, 2022, no payments have been made related to the 2022 restructuring charge. As of December 31, 2022, payments for the 2021 and 2020 restructuring charges were substantially completed.

12. LEASES

We determine if an arrangement is a lease at inception. Operating lease right-of-use ("ROU") assets and liabilities are included in other assets, net and other current and long-term liabilities, respectively, in our Consolidated Balance Sheets.

Operating lease ROU assets and lease liabilities are recognized based on the present value of the future fixed lease payments over the lease term at the commencement date. As most of our leases do not provide an implicit rate, we use our quarterly incremental borrowing rate based on the information available that corresponds to each lease commencement date and lease term when determining the present value of future payments.

Our operating leases principally involve office space. These operating leases may contain variable non-lease components consisting of common area maintenance, operating expenses, insurance and similar costs of the office space that we occupy. We have adopted the practical expedient to not separate these non-lease components from the lease components and instead account for them as a single lease component for all of our leases. The operating lease ROU assets include future fixed lease payments made as well as any initial direct costs incurred and exclude lease incentives. Variable lease payments are not included within the operating lease ROU assets or lease liabilities and are expensed in the period in which they are incurred. Our lease terms may include options to extend or terminate the lease when it is reasonably certain that we will exercise that option. Lease expense for minimum lease payments is recognized on a straight-line basis over the lease term.

Lease expense for operating leases was \$42.2 million, \$37.8 million and \$39.3 million for the twelve months ended December 31, 2022, 2021 and 2020, respectively. Our leases have remaining lease terms of one year to twelve years, some of which may include options to extend the lease term up to five years and some of which may include options to terminate leases within one year. We have elected to not record operating lease ROU assets and liabilities for short-term leases that have a term of twelve months or less. Our lease expense includes our short-term lease cost which is not material to our Consolidated Financial Statements.

Other information related to our operating leases was as follows:

Twelve Months Ended December 31, 2022	Amount
<i>(in millions, except lease term and discount rate)</i>	
Supplemental Cash Flows Information	
Cash paid for amounts included in the measurement of lease liabilities:	
Operating cash flows used by operating leases	\$ 29.7
Right-of-use assets obtained in exchange for lease obligations (non-cash):	
Operating leases	\$ 16.9
Weighted Average Remaining Lease Term	5
Weighted Average Discount Rate	3.3 %

Estimated future minimum payment obligations for non-cancelable operating leases are as follows as of December 31, 2022:

Years ending December 31,	Amount	<i>(In millions)</i>
2023	\$	29.7
2024		21.3
2025		18.3
2026		13.4
2027		10.4
Thereafter		12.0
	\$	105.1

We do not have any significant sublease agreements and, as a result, expected sublease income is not reflected as a reduction in the total minimum rental obligations under operating leases in the table above.

13. SEGMENT INFORMATION

Reportable Segments. We manage our business and report our financial results through the following three reportable segments, which are the same as our operating segments:

- Workforce Solutions
- U.S. Information Solutions
- International

The accounting policies of the reportable segments are the same as those described in our summary of significant accounting policies (see Note 1). We evaluate the performance of these reportable segments based on their operating revenue, operating income and operating margins, excluding any unusual or infrequent items, if any. The measurement criteria for segment profit or loss and segment assets are substantially the same for each reportable segment. Inter-segment sales are not material for all periods presented. All transactions between segments are accounted for at fair market value or cost depending on the nature of the transaction and no timing differences occur between segments.

A summary of segment products and services is as follows:

Workforce Solutions. This segment provides services enabling customers to verify income, employment, educational history, criminal justice data, healthcare professional licensure and sanctions) of people in the U.S. (Verification Services), as well as providing our employer customers with services that assist them in complying with and automating certain payroll-related and human resource management processes throughout the entire cycle of the employment relationship, including unemployment cost management, employee screening, employee onboarding, tax credits and incentives, I-9 management and compliance, immigration case management, tax form management services and Affordable Care Act management services.

U.S. Information Solutions. This segment includes consumer and commercial information services (such as credit information and credit scoring, credit modeling services and portfolio analytics, locate services, fraud detection and prevention services, identity verification services and other consulting services); mortgage services; financial marketing services; identity management; and credit monitoring products sold to resellers or directly to consumers.

International. This segment includes information services products, which includes consumer and commercial services (such as credit and financial information, credit scoring and credit modeling services), credit and other marketing products and services. In Asia Pacific, Europe, Latin America and Canada, we also provide information, technology and services to support debt collections and recovery management. In Europe and Canada we also provide credit monitoring products to resellers or directly to consumers.

Segment information for the twelve months ended December 31, 2022, 2021 and 2020 and as of December 31, 2022 and 2021 is as follows:

	Twelve Months Ended December 31,		
	(In millions)		
	2022	2021	2020
Operating revenue:			
Workforce Solutions	\$ 2,325.4	\$ 2,035.4	\$ 1,461.7
U.S. Information Solutions	1,657.7	1,786.7	1,711.2
International	1,139.1	1,101.8	954.6
Total operating revenue	\$ 5,122.2	\$ 4,923.9	\$ 4,127.5
Operating income:			
Workforce Solutions	\$ 1,006.0	\$ 1,000.7	\$ 703.9
U.S. Information Solutions	402.1	551.8	515.3
International	147.0	141.9	75.7
General Corporate Expense	(499.1)	(556.4)	(618.3)
Total operating income	\$ 1,056.0	\$ 1,138.0	\$ 676.6
Total assets:			
Workforce Solutions	\$ 4,156.5	\$ 3,888.3	
U.S. Information Solutions	3,291.4	3,091.4	
International	3,106.8	3,271.5	
General Corporate	993.2	789.7	
Total assets	\$ 11,547.9	\$ 11,040.9	
Depreciation and amortization expense:			
Workforce Solutions	\$ 162.2	\$ 106.5	\$ 71.9
U.S. Information Solutions	191.4	158.5	120.2
International	132.0	141.1	133.4
General Corporate	74.5	74.3	65.5
Total depreciation and amortization expense	\$ 560.1	\$ 480.4	\$ 391.0

Capital expenditures:	Twelve Months Ended December 31,			
	2022		2020	
	(In millions)			
Workforce Solutions	\$ 113.5		\$ 73.5	\$ 74.6
U.S. Information Solutions	125.7		92.9	126.0
International	144.8		123.8	68.3
General Corporate	233.4		200.3	161.8
Total capital expenditures*	\$ 617.4		\$ 490.5	\$ 430.7

*Amounts above include accruals for capital expenditures.

Financial information by geographic area is as follows:

Operating revenue (based on location of customer):	Twelve Months Ended December 31,			
	2022		2021	
	(In millions)			
U.S.	\$ 3,983.1	78 %	\$ 3,822.2	78 %
Australia	325.2	6 %	336.9	7 %
U.K.	265.5	5 %	252.0	5 %
Canada	256.1	5 %	250.0	5 %
Other	292.3	6 %	262.8	5 %
Total operating revenue	\$ 5,122.2	100 %	\$ 4,923.9	100 %
	\$ 4,127.5		\$ 4,127.5	

Long-lived assets:	December 31,			
	2022		2021	
	(In millions)			
U.S.	\$ 7,448.4	73 %	\$ 7,035.9	71 %
Australia	1,718.6	17 %	1,901.9	19 %
U.K.	263.6	3 %	280.5	3 %
Canada	200.4	2 %	193.3	2 %
Other	546.4	5 %	508.4	5 %
Total long-lived assets	\$ 10,177.4	100 %	\$ 9,920.0	100 %

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

None.

ITEM 9A. CONTROLS AND PROCEDURES**Evaluation of Disclosure Controls and Procedures**

Our management, with the participation of our Chief Executive Officer and Chief Financial Officer, evaluated the effectiveness of Equifax's disclosure controls and procedures as of the end of the period covered by this report. Based on that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures as of the end of the period covered by this report (i) were appropriately designed to provide reasonable assurance of achieving their objectives and (ii) were effective and provided reasonable assurance that the information required to be disclosed by Equifax in reports filed under the Exchange Act is (a) recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms and (b) accumulated and communicated to Equifax's management, including our Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure.

Management's Annual Report on Internal Control Over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting. Internal control over financial reporting is defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act as a process designed by, or under the supervision of, our Chief Executive Officer and Chief Financial Officer and effected by our Board of Directors, management and other personnel, 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 and includes those policies and procedures that:

- pertain to the maintenance of records that in reasonable detail accurately and fairly reflect transactions and dispositions of our assets;
- provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that our receipts and expenditures are being made only in accordance with authorizations of our management and directors; and
- provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of our 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. 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.

Our management assessed the effectiveness of Equifax's internal control over financial reporting as of December 31, 2022 using the criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) in Internal Control-Integrated Framework (2013 Framework). Based on this assessment using those criteria, our management concluded that, as of December 31, 2022, Equifax's internal control over financial reporting was effective. Management reviewed the results of its assessment with the Audit Committee of its Board of Directors. The effectiveness of Equifax's internal control over financial reporting as of December 31, 2022 has been audited by Ernst & Young LLP, Equifax's independent registered public accounting firm, as stated in their report, which appears in "Item 8. Financial Statements and Supplementary Data" of this Form 10-K on page 52.

Changes in Internal Control Over Financial Reporting

There have been no changes in internal control over financial reporting identified in connection with the foregoing that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

ITEM 9B. OTHER INFORMATION

None.

PART III

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

Except for the information about our executive officers shown below, the information required by this Item 10 is incorporated herein by reference from the information contained in our Proxy Statement to be filed with the SEC in connection with the solicitation of proxies for our 2023 Annual Meeting of Shareholders (the “2023 Proxy Statement”) under the sections entitled “Proposal 1 Election of Directors,” “Section 16(a) Beneficial Ownership Reporting Compliance” and “Board Leadership and Corporate Governance—Committees of the Board of Directors.”

We have adopted a written Code of Ethics and Business Conduct applicable to all our employees, including our principal executive officer, principal financial officer, and principal accounting officer and controller, and to members of our Board of Directors. Our Code of Ethics and Business Conduct is available on our investor relations website: www.equifax.com/about-equifax/corporate-governance. We will disclose amendments to certain provisions of our Code of Ethics and Business Conduct, or waivers of such provisions granted to executive officers and directors, on this website.

Executive Officers

Information regarding the executive officers of Equifax Inc. is set forth below.

Mark W. Begor (64) has been our Chief Executive Officer and a member of the Board of Directors since April 2018. Prior thereto, he was a Managing Director in the Industrial and Business Services group at Warburg Pincus, a global private equity investment firm, since June 2016. Prior to Warburg Pincus, Mr. Begor spent 35 years at General Electric Company (“GE”), a global industrial and financial services company, in a variety of operating and financial roles. During his career at GE, Mr. Begor served in a variety of roles leading multibillion dollar units of the company, including President and CEO of GE Energy Management from 2014 to 2016, President and CEO of GE Capital Real Estate from 2011 to 2014, and President and CEO of GE Capital Retail Finance (Synchrony Financial) from 2002 to 2011. Mr. Begor served on the Fair Isaac Corporation (FICO) board of directors from 2016 to 2018. He currently serves on the board of directors of NCR Corporation.

Sunil Bindal (48) has been our Executive Vice President, Chief Corporate Development Officer since October 2020. Prior to joining Equifax, Mr. Bindal served as Senior Vice President, Global Head of Mergers and Acquisitions and Corporate Development, at Total System Services since July 2018. Prior thereto, he served as Vice President of Corporate Development at Broadridge Financial Solutions since August 2015. Prior thereto, he served as Director, Technology Mergers and Acquisitions, of Credit Suisse since July 2006.

Carla Chaney (52) has been our Executive Vice President, Chief Human Resources Officer since April 2019. Prior thereto, she served as Executive Vice President, Human Resources and Communications of Graphic Packaging Holding Company and Graphic Packaging International, since February 2012. Prior thereto, she held a variety of leadership roles with Exide Technologies and Newell Rubbermaid, Inc., since 2004.

Jamil Farshchi (45) has been our Executive Vice President, Chief Information Security Officer since February 2018. Prior to joining Equifax, Mr. Farshchi served as Chief Information Security Officer at The Home Depot since April 2015. Prior thereto, he was the first Global Chief Information Security Officer at Time Warner Inc., from August 2014 to March 2015. Prior thereto, he was the Vice President of Global Information Security at Visa Inc. from August 2011 to August 2014. Mr. Farshchi has also held senior roles at Los Alamos National Laboratory, Sitel Corporation, Nextwave Broadband and NASA.

John W. Gamble, Jr. (60) has been our Executive Vice President, Chief Financial Officer and Chief Operations Officer since February 2021. Prior thereto, he was Corporate Vice President and Chief Financial Officer since May 2014. Prior to that, Mr. Gamble was Executive Vice President and Chief Financial Officer of Lexmark International, Inc., a global provider of document solutions, enterprise content management software and services, printers and multifunction printers, from September 2005 until May 2014.

Julia A. Houston (52) has been our Executive Vice President, Chief Strategy and Marketing Officer since March 2021. Prior thereto, she was our Chief Transformation Officer since October 2017. Prior thereto, she was Senior Vice President, U.S. Legal, since October 2013. Prior to joining Equifax, Ms. Houston was Senior Vice President, General Counsel and Corporate Secretary at Convergys Corporation, from 2011 to 2013. Prior thereto, she served in roles of increasing responsibility at Mirant Corporation from 2004 to 2010, ultimately serving as Senior Vice President, General Counsel, Chief Compliance Officer and Corporate Secretary.

John J. Kelley III (62) has been our Executive Vice President, Chief Legal Officer and Corporate Secretary since January 2013. Prior to joining Equifax, Mr. Kelley was a senior partner in the Corporate Practice Group of the law firm of King & Spalding LLP.

Bryson Koehler (47) has been our Executive Vice President, Chief Technology, Product and D&A Officer since December 2021. Prior thereto, he was our Chief Technology Officer since June 2018. Prior to joining Equifax, Mr. Koehler served as Chief Technology Officer of IBM Watson and Cloud Platform since November 2016. Prior to that, Mr. Koehler was Chief Technology and Information Officer of The Weather Channel Companies, before it was acquired in 2015 by IBM. Before that, he served as Senior Vice President of Global Revenue & Guest Technology at the Intercontinental Hotels Group.

Lisa Nelson (59) has been our Executive Vice President, President, International since June 2021. Prior thereto, she served as Group Managing Director, Equifax Australia and New Zealand, since August 2019. Prior thereto, she served as President and General Manager, Equifax Canada, since January 2015. Prior thereto, she served as Senior Vice President, Enterprise Alliance Leader of Equifax U.S. Information Solutions, since November 2011. Prior to joining Equifax, she served as Vice President, Global Scoring Solutions of FICO, since August 2004.

Rodolfo O. Ploder (62) has been our Executive Vice President, President, Workforce Solutions since November 2015. Prior thereto, he served as President, U.S. Information Solutions, since April 2010. Prior thereto, he served as President, International, from January 2007 to April 2010. Prior thereto, he was Group Executive, Latin America from February 2004 to January 2007.

ITEM 11. EXECUTIVE COMPENSATION

The information required by this Item 11 is incorporated herein by reference from the information contained in our 2023 Proxy Statement under the sections entitled "Executive Compensation" and "Director Compensation."

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

The information required by this Item 12 is incorporated herein by reference from the information contained in our 2023 Proxy Statement under the sections entitled "Security Ownership of Management and Certain Beneficial Owners" and "Executive Compensation Equity Compensation Plan Information."

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS AND DIRECTOR INDEPENDENCE

The information required by this Item 13 is incorporated herein by reference from the information contained in our 2023 Proxy Statement under the sections entitled "Board Leadership and Corporate Governance Director Independence," "Related Person Transaction Policy" and "Certain Relationships and Related Person Transactions of Directors, Executive Officers, and 5 Percent Shareholders."

ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES

The information required by this Item 14 is incorporated herein by reference from the information contained in our 2023 Proxy Statement under the section entitled "Proposal 3 Ratification of Appointment of Ernst & Young LLP as Independent Registered Public Accounting Firm for 2023."

PART IV**ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES****(a) List of Documents Filed as a Part of This Report:**(1) *Financial Statements.* The following financial statements are included in Item 8 of Part II:

- Consolidated Balance Sheets — December 31, 2022 and 2021;
- Consolidated Statements of Income for the Years Ended December 31, 2022, 2021 and 2020;
- Consolidated Statements of Comprehensive Income for the Years Ended December 31, 2022, 2021 and 2020;
- Consolidated Statements of Cash Flows for the Years Ended December 31, 2022, 2021 and 2020;
- Consolidated Statements of Shareholders' Equity and Accumulated Other Comprehensive Loss for the Years Ended December 31, 2022, 2021 and 2020; and
- Notes to Consolidated Financial Statements.

(2) *Financial Statement Schedules.*

- Schedule II — Valuation and Qualifying Accounts

All other schedules for which provision is made in the applicable accounting regulation of the SEC are not required under the related instructions or are inapplicable and, therefore, have been omitted.

(3) *Exhibits.* See exhibits listed under Part (b) below.**(b) Exhibits:**

Exhibit Number	Description
3.1	<i>Articles of Incorporation and Bylaws</i> Amended and Restated Articles of Incorporation of Equifax Inc. (incorporated by reference to Exhibit 3.1 to Equifax's Form 8-K filed May 14, 2009). Amended and Restated Bylaws of Equifax Inc. (incorporated by reference to Exhibit 3.2 to Equifax's Form 8-K filed February 9, 2021).
3.2	<i>Instruments Defining the Rights of Security Holders, Including Indentures</i> Indenture dated as of June 29, 1998, between Equifax Inc. and The First National Bank of Chicago, Trustee (the "1998 Indenture") (under which Equifax's 6.9% Debentures due 2028 were issued) (incorporated by reference to Exhibit 4.4 to Equifax's Form 10-K filed March 31, 1999). Second Supplemental Indenture dated as of June 28, 2007, between Equifax Inc. and The Bank of New York Trust Company, N.A. (under which Equifax's 7.00% Senior Notes due 2037 were issued), to the 1998 Indenture (incorporated by reference to Exhibit 4.3 to Equifax's Form 8-K filed June 29, 2007). Credit Agreement, dated as of September 27, 2018, by and between Equifax Inc., Equifax Limited, Equifax Canada Co., Equifax Australia Holdings Pty Limited, and SunTrust Bank as administrative agent (incorporated by reference to Exhibit 10.1 to Equifax's Form 8-K filed October 1, 2018). Indenture, dated as of May 12, 2016, between Equifax Inc. and U.S. Bank National Association, as Trustee (incorporated by reference to Exhibit 4.1 to Equifax's Form 8-K filed May 12, 2016). Second Supplemental Indenture, dated as of May 12, 2016, between Equifax Inc. and U.S. Bank National Association, as Trustee, including the form of 2026 Note as Exhibit A (incorporated by reference to Exhibit 4.3 to Equifax's Form 8-K filed May 12, 2016). Fourth Supplemental Indenture, dated as of May 25, 2018, between Equifax Inc. and the Trustee, including the form of 2023 Note as Exhibit A (incorporated by reference to Exhibit 4.2 to Equifax's Form 8-K filed May 25, 2018). Sixth Supplemental Indenture, dated as of November 19, 2019, between Equifax Inc. and the Trustee, including the form of 2024 Note as Exhibit A (incorporated by reference to Exhibit 4.1 to Equifax's Form 8-K filed November 19, 2019). Seventh Supplemental Indenture, dated as of April 27, 2020, between Equifax Inc. and the Trustee, including the form of 2025 Note as Exhibit A (incorporated by reference to Exhibit 4.1 to Equifax's Form 8-K filed April 27, 2020).
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4.9	Eighth Supplemental Indenture, dated as of April 27, 2020, between Equifax Inc. and the Trustee, including the form of 2030 Note as Exhibit A (incorporated by reference to Exhibit 4.2 to Equifax's Form 8-K filed April 27, 2020).
4.10	Ninth Supplemental Indenture, dated as of August 13, 2021, between Equifax Inc. and the Trustee, including the form of Note as Exhibit A (incorporated by reference to Exhibit 4.1 to Equifax's Form 8-K filed August 16, 2021).
4.11	Credit Agreement, dated as of August 25, 2021, by and among Equifax Inc., Equifax Limited, Equifax Canada Co., Equifax International Treasury Services Unlimited Company and Equifax Australia Holdings Pty Limited, JPMorgan Chase Bank, N.A., as administrative agent, and the lenders party thereto (incorporated by reference to Exhibit 10.1 to Equifax's Form 8-K filed August 31, 2021).
4.12	Term Loan Credit Agreement, dated as of August 25, 2021, by and between Equifax Inc., JPMorgan Chase Bank, N.A., as administrative agent, and the lenders party thereto (incorporated by reference to Exhibit 10.2 to Equifax's Form 8-K filed August 31, 2021).
4.13	Description of the Company's Securities Registered under Section 12 of the Securities Exchange Act of 1934 (incorporated by reference to Exhibit 4.14 to Equifax's Form 10-K filed February 20, 2020).
4.14	Tenth Supplemental Indenture, dated as of September 12, 2022, between Equifax Inc. and the Trustee, including the form of Note as Exhibit A (incorporated by reference to Exhibit 4.1 to Equifax's Form 8-K filed September 12, 2022).
	Except as set forth in the preceding Exhibits 4.1 through 4.14, instruments defining the rights of holders of long-term debt securities of Equifax have been omitted where the total amount of securities authorized does not exceed 10% of the total assets of Equifax and its subsidiaries on a consolidated basis. Equifax agrees to furnish to the SEC, upon request, a copy of such instruments with respect to issuances of long-term debt of Equifax and its subsidiaries.
	Management Contracts and Compensatory Plans or Arrangements
10.1	Form of Director/Executive Officer Indemnification Agreement (incorporated by reference to Exhibit 10.1 to Equifax's Form 8-K filed May 14, 2009).
10.2	Supplemental Retirement Plan for Executives of Equifax Inc. (incorporated by reference to Exhibit 10.6(a) to Equifax's Form 10-K filed February 24, 2016).
10.3	Amendment No. 1 to Supplemental Retirement Plan for Executives of Equifax Inc., effective January 1, 2020 (incorporated by reference to Exhibit 10.3 to Equifax's Form 10-K filed February 25, 2021).
10.4	Amendment No. 2 to Supplemental Retirement Plan for Executives of Equifax Inc., effective November 4, 2020 (incorporated by reference to Exhibit 10.4 to Equifax's Form 10-K filed February 25, 2021).
10.5	Trust Agreement for Supplemental Retirement Plan for Executives of Equifax Inc. dated as of September 16, 2011, between Equifax Inc. and Wells Fargo Bank, N.A. (incorporated by reference to Exhibit 10.6(b) to Equifax's Form 10-K filed February 23, 2012).
10.6	Equifax Inc. Executive Life and Supplemental Retirement Benefit Plan (incorporated by reference to Exhibit 10.8 to Equifax's Form 10-K filed March 29, 2001).
10.7	Equifax Inc. 2008 Omnibus Incentive Plan, as amended and restated effective May 2, 2013 (incorporated by reference to Appendix C to Equifax's definitive proxy statement on Schedule 14A filed March 20, 2013).
10.8	Amendment No. 1 to Equifax Inc. 2008 Omnibus Incentive Plan, effective February 6, 2017 (incorporated by reference to Exhibit 10.8 to Equifax's Form 10-K filed February 25, 2021).
10.9	Amendment No. 2 to Equifax Inc. 2008 Omnibus Incentive Plan, effective November 4, 2020 (incorporated by reference to Exhibit 10.9 to Equifax's Form 10-K filed February 25, 2021).
10.10	Form of Non-Qualified Stock Option Agreement (Senior Leadership Team) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.9 to Equifax's form 10-K filed February 22, 2013).
10.11	Form of Non-Employee Director Restricted Stock Unit Award Agreement (incorporated by reference to Exhibit 10.11 to Equifax's Form 10-K filed February 25, 2021).
10.12	Equifax Inc. Director Deferred Compensation Plan, as amended through November 5, 2020. (incorporated by reference to Exhibit 10.12 to Equifax's Form 10-K filed February 25, 2021).
10.13	Equifax Grantor Trust dated as of January 23, 2014, between Equifax Inc. and Principal Trust Company, Trustee, relating to supplemental deferred compensation and phantom stock benefits (incorporated by reference to Exhibit 10.13 to Equifax's Form 10-K filed February 25, 2021).
10.14	Equifax Inc. Director and Executive Stock Deferral Plan, as amended and restated effective January 1, 2019 (incorporated by reference to Exhibit 10.14 to Equifax's Form 10-K filed February 25, 2021).
10.15	Amendment No. 1 to Equifax Inc. Director and Executive Stock Deferral Plan, effective as of November 4, 2020 (incorporated by reference to Exhibit 10.15 to Equifax's Form 10-K filed February 25, 2021).

10.16	Amendment No. 2 to Equifax Inc. Director and Executive Stock Deferral Plan, effective as of December 2, 2021 (incorporated by reference to Exhibit 10.16 to Equifax's Form 10-K filed February 24, 2022).
10.17	Equifax 2005 Executive Deferred Compensation Plan, as amended and restated effective January 1, 2015 (incorporated by reference to Exhibit 10.1 to Equifax's Form 10-Q filed July 28, 2016).
10.18	Amendment No. 1 to Equifax 2005 Executive Deferred Compensation Plan, effective January 1, 2016 (incorporated by reference to Exhibit 10.2 to Equifax's Form 10-Q filed July 28, 2016).
10.19	Amendment No. 2 to Equifax 2005 Executive Deferred Compensation plan, effective January 1, 2016 (incorporated by reference to Exhibit 10.27 to Equifax's Form 10-K filed March 1, 2018).
10.20	Amendment No. 3 to Equifax 2005 Executive Deferred Compensation Plan, effective as of November 4, 2020 (incorporated by reference to Exhibit 10.19 to Equifax's Form 10-K filed February 25, 2021).
10.21	Amendment No. 4 to Equifax 2005 Executive Deferred Compensation Plan, effective as of May 5, 2021 (incorporated by reference to Exhibit 10.1 to Equifax's Form 10-Q filed July 22, 2021).
10.22	Equifax Inc. Employee Deferred Compensation Plan (incorporated by reference to Exhibit 4.1 to Equifax's Form S-8 filed November 24, 2021).
10.23	Equifax Inc. Board of Directors Deferred Compensation Plan (incorporated by reference to Exhibit 10.23 to Equifax's Form 10-K filed February 24, 2022).
10.24	Form of Non-Qualified Stock Option Award Agreement (Senior Leadership Team) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for awards granted in February 2017) (incorporated by reference to Exhibit 10.4 to Equifax's Form 10-Q filed April 27, 2017).
10.25	Employment Agreement, dated March 27, 2018, between the Company and Mark W. Begor (incorporated by reference to Exhibit 10.1 to Equifax's Form 8-K filed March 28, 2018).
10.26	Letter Agreement, dated February 4, 2021, between the Company and Mark W. Begor (incorporated by reference to Exhibit 10.1 to Equifax's Form 8-K filed February 9, 2021).
10.27	Form of Restricted Stock Unit Award Agreement (Senior Leadership Team) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for awards granted in March 2018 to January 2021) (incorporated by reference to Exhibit 10.2 to Equifax's Form 10-Q filed April 26, 2018).
10.28	Form of Non-Qualified Stock Option Award Agreement (Senior Leadership Team) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for awards granted in March 2018 to January 2021) (incorporated by reference to Exhibit 10.3 to Equifax's Form 10-Q filed April 26, 2018).
10.29	Form of Restricted Stock Unit Award Agreement (CEO) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for awards granted in February 2021) (incorporated by reference to Exhibit 10.1 to Equifax's Form 10-Q filed April 22, 2021).
10.30	Form of Premium-Priced Stock Option Award Agreement (CEO) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for awards granted in February 2021) (incorporated by reference to Exhibit 10.2 to Equifax's Form 10-Q filed April 22, 2021).
10.31	Form of Performance Share Award Agreement (TSR) (CEO) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for awards granted in February 2021) (incorporated by reference to Exhibit 10.3 to Equifax's Form 10-Q filed April 22, 2021).
10.32	Form of Restricted Stock Unit Award Agreement (Senior Leadership Team) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for awards granted in February 2021) (incorporated by reference to Exhibit 10.4 to Equifax's Form 10-Q filed April 22, 2021).
10.33	Form of Non-Qualified Stock Option Award Agreement (Senior Leadership Team) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for awards granted in February 2021) (incorporated by reference to Exhibit 10.5 to Equifax's Form 10-Q filed April 22, 2021).
10.34	Form of Performance Share Award Agreement (TSR) (Senior Leadership Team) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for awards granted in February 2021) (incorporated by reference to Exhibit 10.6 to Equifax's Form 10-Q filed April 22, 2021).
10.35	Form of Performance Share Award Agreement (TSR) (Senior Leadership Team) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for awards granted in March 2018 to January 2021) (incorporated by reference to Exhibit 10.4 to Equifax's Form 10-Q filed April 26, 2018).
10.36	Equifax Inc. Change in Control Severance Plan (incorporated by reference to Exhibit 10.1 to Equifax's Form 8-K filed February 27, 2019).
10.37	Equifax Inc. 2020 Employee Stock Purchase Plan (incorporated by reference to Annex B to Equifax's definitive proxy statement filed on March 27, 2020).
10.38	Form of Performance Share Award Agreement (Adjusted EBITDA) (CEO) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for awards granted in or after February 2022) (incorporated by reference to Exhibit 10.1 to Equifax's Form 10-Q filed April 21, 2022).

I0.39	Form of Performance Share Award Agreement (Adjusted EBITDA) (SLT) under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for awards granted in February 2022) (incorporated by reference to Exhibit 10.2 to Equifax's Form 10-Q filed April 21, 2022).
I0.40	Performance Share Award Agreement (TSR) between Equifax Inc. and Mark Begor under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for award granted on July 29, 2022) (incorporated by reference to Exhibit 10.1 to Equifax's Form 10-Q filed October 20, 2022).
I0.41	Premium-Priced Stock Option Award Agreement between Equifax Inc. and Mark Begor under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for award granted on July 29, 2022) (incorporated by reference to Exhibit 10.2 to Equifax's Form 10-Q filed October 20, 2022).
I0.42	Restricted Stock Unit Award Agreement between Equifax Inc. and Mark Begor under the Equifax Inc. Amended and Restated 2008 Omnibus Incentive Plan (for award granted on July 29, 2022) (incorporated by reference to Exhibit 10.3 to Equifax's Form 10-Q filed October 20, 2022).
	Material Contracts
I0.43**	Settlement Agreement and Release dated July 22, 2019 between the Company and the Settlement Class Representatives (as defined therein) (incorporated by reference to Exhibit 10.1 to Equifax's Form 8-K filed July 22, 2019).
I0.44**	Stipulated Order for Permanent Injunction and Monetary Judgment dated July 19, 2019 between the Company and the Federal Trade Commission (incorporated by reference to Exhibit 10.2 to Equifax's Form 8-K filed July 22, 2019).
I0.45**	Stipulated Order for Permanent Injunction and Monetary Judgment dated July 19, 2019 between the Company and the Bureau of Consumer Financial Protection (incorporated by reference to Exhibit 10.3 to Equifax's Form 8-K filed July 22, 2019).
I0.46**	Final Judgment and Consent Decree dated July 19, 2019 between the Company and the State of Alabama, with a schedule of the additional jurisdictions in which such agreement (consent decrees) have been approved that are substantially identical in all material respects (incorporated by reference to Exhibit 10.4 to Equifax's Form 8-K filed July 22, 2019).
	Other Exhibits and Certifications
21.1*	Subsidiaries of Equifax Inc.
23.1*	Consent of Independent Registered Public Accounting Firm.
24.1*	Powers of Attorney (included on signature page).
31.1*	Rule 13a-14(a) Certification of Chief Executive Officer.
31.2*	Rule 13a-14(a) Certification of Chief Financial Officer.
32.1*	Section 1350 Certification of Chief Executive Officer.
32.2*	Section 1350 Certification of Chief Financial Officer.
I01.INS	Inline XBRL Instance Document.
I01.SCH	Inline XBRL Taxonomy Extension Schema Document.
I01.CAL	Inline XBRL Taxonomy Extension Calculation Linkbase.
I01.LAB	Inline XBRL Taxonomy Extension Label Linkbase.
I01.PRE	Inline XBRL Taxonomy Extension Presentation Linkbase.
I01.DEF	Inline XBRL Taxonomy Extension Definition Linkbase.
I04	Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101)

* Filed herewith

**Schedules and exhibits to this agreement have been omitted pursuant to Item 601(a)(5) of Regulation S-K. A copy of any omitted schedule and/or exhibit will be furnished as a supplement to the Securities and Exchange Commission upon request.

(c) **Financial Statement Schedules.** See Item 15(a)(2).

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, on February 23, 2023.

EQUIFAX INC.
(Registrant)

By: /s/ Mark W. Begor
Mark W. Begor
Chief Executive Officer

We, the undersigned directors and executive officers of Equifax Inc., hereby severally constitute and appoint John W. Gamble, Jr. and James M. Griggs, and each of them singly, our true and lawful attorneys with full power to them and each of them to sign for us, and in our names in the capacities indicated below, any and all amendments to this Annual Report on Form 10-K filed with the SEC, hereby ratifying and confirming our signatures as they may be signed by our said attorneys to any and all amendments to said Annual Report on Form 10-K.

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities indicated on February 23, 2023.

/s/ Mark W. Begor
Mark W. Begor
Chief Executive Officer
(Principal Executive Officer)

/s/ John W. Gamble, Jr.
John W. Gamble, Jr.
Executive Vice President, Chief Financial Officer and Chief Operations Officer
(Principal Financial Officer)

/s/ James M. Griggs
James M. Griggs
Chief Accounting Officer and Corporate Controller
(Principal Accounting Officer)

/s/ Mark L. Feidler
Mark L. Feidler
Director and Non-Executive Chairman

/s/ Karen L. Fichuck
Karen L. Fichuck
Director

/s/ G. Thomas Hough
G. Thomas Hough
Director

/s/ Robert D. Marcus
Robert D. Marcus
Director

/s/ Scott A. McGregor

Scott A. McGregor

Director

/s/ John A. McKinley

John A. McKinley

Director

/s/ Robert W. Selander

Robert W. Selander

Director

/s/ Melissa D. Smith

Melissa D. Smith

Director

/s/ Audrey Boone Tillman

Audrey Boone Tillman

Director

/s/ Heather H. Wilson

Heather H. Wilson

Director

SCHEDULE II — VALUATION AND QUALIFYING ACCOUNTS

2022

Description	Column A	Column B	Column C		Column D	Column E
		Balance at Beginning of Period	Charged to Costs and Expenses	Charged to Other Accounts	Deductions	Balance at End of Period
<i>Reserves deducted in the balance sheet from the assets to which they apply:</i>						
Trade accounts receivable		\$ 13.9	\$ 8.5	\$ —	\$ (3.3)	\$ 19.1
Deferred income tax asset valuation allowance		<u>192.0</u>	<u>(15.4)</u>	<u>(9.7)</u>	<u>18.2</u>	<u>185.1</u>
		<u><u>\$ 205.9</u></u>	<u><u>\$ (6.9)</u></u>	<u><u>\$ (9.7)</u></u>	<u><u>\$ 14.9</u></u>	<u><u>\$ 204.2</u></u>

2021

Description	Column A	Column B	Column C		Column D	Column E
		Balance at Beginning of Period	Charged to Costs and Expenses	Charged to Other Accounts	Deductions	Balance at End of Period
<i>Reserves deducted in the balance sheet from the assets to which they apply:</i>						
Trade accounts receivable		\$ 12.9	\$ 0.3	\$ —	\$ 0.7	\$ 13.9
Deferred income tax asset valuation allowance		<u>382.7</u>	<u>(12.7)</u>	<u>(198.0)</u>	<u>20.0</u>	<u>192.0</u>
		<u><u>\$ 395.6</u></u>	<u><u>\$ (12.4)</u></u>	<u><u>\$ (198.0)</u></u>	<u><u>\$ 20.7</u></u>	<u><u>\$ 205.9</u></u>

2020

Description	Column A	Column B	Column C		Column D	Column E
		Balance at Beginning of Period	Charged to Costs and Expenses	Charged to Other Accounts	Deductions	Balance at End of Period
<i>Reserves deducted in the balance sheet from the assets to which they apply:</i>						
Trade accounts receivable		\$ 11.2	\$ 6.3	\$ —	\$ (4.6)	\$ 12.9
Deferred income tax asset valuation allowance		<u>379.8</u>	<u>(34.4)</u>	<u>10.1</u>	<u>27.2</u>	<u>382.7</u>
		<u><u>\$ 391.0</u></u>	<u><u>\$ (28.1)</u></u>	<u><u>\$ 10.1</u></u>	<u><u>\$ 22.6</u></u>	<u><u>\$ 395.6</u></u>

LIST OF EQUIFAX INC. SUBSIDIARIES

Subsidiaries of the Registrant - Equifax Inc. (a Georgia corporation) – as of December 31, 2022.

<u>Name of Subsidiary</u>	<u>State or Country of Incorporation</u>
AccountScore Holdings Limited	United Kingdom
AccountScore Limited	United Kingdom
Anakam, Inc.	Delaware
Ansonia Credit Data, Inc.	Georgia
Apac BizInfo Pte Limited	Singapore
Appriss Insights, LLC	Delaware
ASNEF/Equifax Servicios de Informacion Sobre Solvencia y Credito S.L.	Spain
Austin Consolidated Holdings, Inc.	Texas
Barnett Associates Operations, LLC	Missouri
Compliance Data Center LLC	Georgia
Consultores De Datos Del Caribe, S.R.L.	Dominican Republic
Consents Online Limited	United Kingdom
Corporate Services LLC	Alabama
Credinformacoes, Informações de Credito, Lda	Portugal
Creditworks Australia Pty Ltd	Australia
Crime Finders LLC	California
DataLicious Pty Ltd	Australia
DataVision Resources, LLC	Iowa
DataX, Ltd.	Nevada
EDX Australia Pty Limited	Australia
EF Operating LLC	Delaware
EFX de Costa Rica S.A.	Costa Rica
Equiecu Analytics Services of Risk S.A.	Ecuador
Equifax Acquisition Holdings LLC	Georgia
Equifax Americas S.C.S.	Luxembourg
Equifax Analytics FZE	UAE
Equifax Analytics Private Limited	India
Equifax APAC Holdings Limited	New Zealand
Equifax Argentina S.A.	Argentina
Equifax Australasia Credit Ratings Pty Limited	Australia
Equifax Australasia Group Services Pty Limited	Australia
Equifax Australasia HR Solutions Pty Limited	Australia
Equifax Australasia Workforce Solutions Pty Limited	Australia
Equifax Australia Commercial Services and Solutions Pty Limited	Australia
Equifax Australia Decision Solutions Pty Limited	Australia
Equifax Australia CDR Pty Limited	Australia
Equifax Australia Group Pty Limited	Australia
Equifax Australia Holdings Pty Ltd	Australia
Equifax Australia Information Services and Solutions Pty Limited	Australia
Equifax Australia Marketing Services Pty Limited	Australia

Equifax Australia Personal Solutions Pty Limited	Australia
Equifax Australia Pty Ltd	Australia
Equifax Cambodia Holdings Pte Limited	Singapore
Equifax Canada Co.	Nova Scotia
Equifax Canadian Holdings II Co.	Nova Scotia
Equifax Centroámerica S.A. de C.V.	El Salvador
Equifax Commercial Services Limited	Republic of Ireland
Equifax Consumer Services LLC	Georgia
Equifax Credit Information Services Private Limited	India
Equifax Data Services LLC	Georgia
Equifax do Brasil S.A.	Brazil
Equifax Ecuador C.A. Buró de Información Crediticia	Ecuador
Equifax Enterprise Services LLC	Georgia
Equifax EUA Limited	United Kingdom
Equifax Europe LLC	Georgia
Equifax Fraude, S.L.	Spain
Equifax Funding LLC	Georgia
Equifax Holdings (NZ) Limited	New Zealand
Equifax Honduras, Central de Riesgo Privada, S.A.	Honduras
Equifax Iberica, S.L.	Spain
Equifax Information Services LLC	Georgia
Equifax Information Services of Puerto Rico, LLC	Georgia
Equifax Information Technology LLC	Georgia
Equifax International Treasury Services Unlimited Company	Republic of Ireland
Equifax Limited	United Kingdom
Equifax Luxembourg (No. 3) S.à.r.l.	Luxembourg
Equifax Luxembourg (No. 10) S.à.r.l.	Luxembourg
Equifax New Zealand Holdings Limited	New Zealand
Equifax New Zealand Information Services and Solutions Limited	New Zealand
Equifax (NZ) Holdings Pty Ltd	Australia
Equifax Paraguay S.A.	Paraguay
Equifax Peru S.A.	Peru
Equifax Pty Limited	Australia
Equifax South America LLC	Georgia
Equifax Spain Holdings S.à.r.l.	Luxembourg
Equifax Special Services LLC	Georgia
Equifax Workforce Solutions LLC	Missouri
Equifax Technology (Ireland) Limited	Republic of Ireland
Equifax Technology Solutions LLC	Georgia
Equifax UK AH Limited	United Kingdom
Equifax Uruguay S.A.	Uruguay
eThority LLC	South Carolina
Forseva, LLC	Delaware
GetCreditScore Pty Ltd	Australia
Grupo Inffinix, S.A. de C.V.	Mexico
HealthCare Impact Associates II LLC	Minnesota
HealthCare Impact Associates L.L.C.	Minnesota

HD Information, LLC	Delaware
ID Rehab Holdings, Inc.	Delaware
Identity Rehab Corporation	Colorado
IDR Processing, LLC	Colorado
Infinix Software Comercio, Servicios, Importação e Expostação, Ltda.	Brazil
Infinix Software, S.A. de C.V.	Mexico
Innovative Enterprises LLC	Virginia
Integrated Debt Services Ltd.	United Kingdom
IntelliReal LLC	Colorado
Inversiones Equifax Chile Limitada	Chile
IXI Corporation	Delaware
JLR, Inc.	Quebec
Knowledge Works, Inc.	Delaware
Kount Inc.	Delaware
Mapcity.com Chile S.A.	Chile
Midigator, LLC	Delaware
Net Profit, Inc.	South Carolina
Nevalon Technologies, LLC	North Carolina
Paradigm National Consultants, LLC d/b/a HIREtech	Texas
Pioneer Holdings Limited	Guernsey
Plantation RE Holdings LLC	Georgia
Rapid Reporting Verification Company, LLC	Texas
ReachTEL Pty Ltd	Australia
Redbird Insurance, LLC	Georgia
Secure Sentinel Australia Pty Limited	Australia
Securitec Screening Solutions LLC	Virginia
Servicios Equifax Chile Limitada	Chile
T1 Ventures LLC d/b/a i2Verify	Massachusetts
TALX UCM Services, Inc.	Missouri
TDX Group Limited	United Kingdom
TDX Indigo Iberia SL	Spain
Teletrack, LLC	Delaware
Typhoon Data LC	Utah
VA Australia Finance Pty Limited	Australia
VA (NZ) Holdings Limited	New Zealand
Verdad Informatica de Costa Rica, S.A.	Costa Rica
Worxtime, LLC	Georgia
ZIP ID Pty Ltd	Australia

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the following Registration Statements:

1. Registration Statement on Form S-8 pertaining to the Equifax Inc. Omnibus Stock Incentive Plan and Equifax Inc. Employee Stock Incentive Plan to be funded in part through the Equifax Inc. Employee Stock Benefits Trust (File No. 33-86978);
2. Registration Statement on Form S-8 pertaining to the Equifax Inc. Omnibus Stock Incentive Plan and Equifax Inc. Employee Stock Incentive Plan to be funded in part through the Equifax Inc. Employee Stock Benefits Trust (File No. 33-71200);
3. Registration Statement on Form S-8 pertaining to the Equifax Inc. Global Stock Sale Program to be funded through the Equifax Inc. Employee Stock Benefits Trust (File No. 333-52203);
4. Registration Statement on Form S-8 pertaining to the Equifax Inc. Special Recognition Bonus Award Plan to be funded through the Equifax Inc. Employee Stock Benefits Trust (File No. 333-52201);
5. Registration Statement on Form S-8 pertaining to the Equifax Inc. Non-Employee Director Stock Option Plan (File No. 333-68421);
6. Registration Statement on Form S-8 pertaining to the Equifax Inc. 1995 Employee Stock Incentive Plan (File No. 333-68477);
7. Registration Statement on Form S-8 pertaining to the Equifax Inc. 2000 Stock Incentive Plan (File No. 333-48702);
8. Registration Statement on Form S-8 pertaining to the Equifax Director and Executive Stock Deferral Plan (File No. 333-110411);
9. Registration Statement on Form S-8 pertaining to the Equifax Inc. Non-Employee Director Stock Option Plan (File No. 333-116185);
10. Registration Statement on Form S-8 pertaining to the Equifax Inc. 2001 Nonqualified Stock Incentive Plan (File No. 333-116186);
11. Registration Statement on Form S-8 pertaining to the Equifax Inc. Director Deferred Compensation Plan (File No. 333-140360);
12. Registration Statement on Form S-8 pertaining to the TALX Corporation 2005 Omnibus Incentive Plan, TALX Corporation Amended and Restated 1994 Stock Option Plan, and TALX Corporation Outside Directors' Stock Option Plan (File No. 333-142997);
13. Registration Statement on Form S-8 pertaining to the Equifax Inc. 2008 Omnibus Incentive Plan (File No. 333-152617);

14. Registration Statement on Form S-8 pertaining to the amended and restated Equifax Inc. 2008 Omnibus Incentive Plan equity securities (File No. 333-190190);
15. Registration Statement on Form S-8 pertaining to the Equifax Inc. 2020 Employee Stock Purchase Plan (File No. 333-240049);
16. Registration Statement on Form S-8 pertaining to the registration of deferred compensation obligations associated with the Equifax 2005 Executive Deferred Compensation Plan (File No. 333-249919);
17. Registration Statement on Form S-8 pertaining to the registration of deferred compensation obligations associated with the Equifax Inc. Employee Deferred Compensation Plan (File No. 333-261345);
18. Registration Statement on Form S-3ASR pertaining to the shelf registration of Equifax Inc. debt and equity securities (File No. 333-266290)

of our reports dated February 23, 2023, with respect to the consolidated financial statements and schedule of Equifax Inc. and the effectiveness of internal control over financial reporting of Equifax Inc. included in this Annual Report (Form 10-K) of Equifax Inc. for the year ended December 31, 2022.

/s/ Ernst & Young LLP

Atlanta, Georgia
February 23, 2023

CERTIFICATIONS

I, Mark W. Begor, certify that:

1. I have reviewed this annual report on Form 10-K of Equifax Inc.;
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 officer(s) 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 15(d)-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 officer(s) 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.

Date: February 23, 2023

/s/ Mark W. Begor

Mark W. Begor

Chief Executive Officer

CERTIFICATIONS

I, John W. Gamble, Jr., certify that:

1. I have reviewed this annual report on Form 10-K of Equifax Inc.;
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 officer(s) 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 15(d)-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 officer(s) 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.

Date: February 23, 2023

/s/ John W. Gamble, Jr.

John W. Gamble, Jr.

Chief Financial Officer

**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 of Equifax Inc. (the “Company”) on Form 10-K for the period ended December 31, 2022, as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Mark W. Begor, Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to my knowledge:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: February 23, 2023

/s/ Mark W. Begor

Mark W. Begor

Chief Executive Officer

**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 of Equifax Inc. (the "Company") on Form 10-K for the period ended December 31, 2022, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, John W. Gamble, Jr., Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to my knowledge:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: February 23, 2023

/s/ John W. Gamble, Jr.

John W. Gamble, Jr.

Chief Financial Officer