

Pitney Bowes – An Essential Enterprise

Annual Report 2021

Pitney Bowes has emerged from a long, patient and purposeful transformation as a global force in shipping as well as mailing. Recognized as a leader, with a century of experience behind us, we continue our trajectory now focused on delivering high performance.



















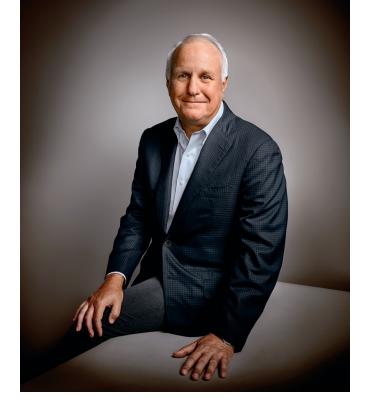






Pitney Bowes has been recognized by J.D. Power for providing "An Outstanding Customer Service Experience" for its Technology Service & Support Program.

J.D. Power 2021 Certified Technology Service & Support Program, developed in conjunction with TSIA. Based on successful completion of an audit and exceeding a customer satisfaction benchmark for Technology Service and Support operations. For more information, visit http://www.idpower.com or www.tsia.com.



Marc B. Lautenbach
President and
Chief Executive Officer

Fellow shareholders:

Our market and our economy continued to present unprecedented opportunities and challenges in 2021. We were clear at the outset of the pandemic that it was our intent to come out of this tumultuous period better than when we entered. I think it's safe to say we all thought this crisis would come to an end sooner than it has, and with perhaps fewer peaks and valleys. But, true to our history, our Company has proven resilient in addressing these rapid changes and is on the right trajectory to be in a much better place when we get to the other side of this pandemic.

Even before the outset of the pandemic, I have been saying that the last chapter of a successful transformation is to grow revenue and profit. In 2021, we made a step forward — increasing revenue and earnings per share. For sure, more to do.

Two key indicators for longer-term success, client satisfaction and employee engagement, affirmed we are on the right path. Client satisfaction in all of our businesses was on an improved trajectory as we exited the year.

And, even though pundits and consultants have asserted it is very difficult — if not impossible — to drive employee engagement and cultural change in this current environment, our most recent employee engagement scores were at record highs in 2021. Our cultural change measurements compared favorably with other high-performance companies, and our diversity and inclusion measures were best of class. These achievements did not go unnoticed: Pitney Bowes was

Letter to Shareholders

recognized on Forbes' lists of World's Best Employers, America's Best Employers for Diversity and America's Best Employers for Women, plus the Human Rights Campaign's Best Places to Work for LGBTQ+ Equality and The Wall Street Journal Management Top 250 Best Managed Companies in America, among others. We also maintain our commitment to achieving environmental sustainability with a target of carbon neutrality by 2040, and were recognized with a 2021 Climate Leadership Award for Excellence in Greenhouse Gas Management (Goal Achievement Award).

As proud as we are of the achievements of today, they build on the Company's long-standing legacy from as far back as the 1940s when, led by the visionary Walter Wheeler, we were already addressing equal opportunity, equal pay or even just treating people the right way.

Our long-standing businesses — Presort Services, Sending Technology Solutions (SendTech) and Financial Services — had terrific years in 2021. In aggregate, these businesses grew revenue and profit for the year. Not that long ago, conventional wisdom characterized these businesses as melting icebergs — meaning the best that could be hoped for was to slow down an inexorable process. But last year was clear proof that these businesses are participating fully in the transformation of Pitney Bowes, with each creating a bright future in its own right.

2021 Business Performance Highlights

In 2021, our revenue was \$3.7 billion, which was growth of 3 percent over the prior year and was also our fifth consecutive year of constant currency revenue growth. We generated very healthy levels of free cash flow despite a material increase in capital investment across the portfolio — which are generating gains in productivity. And, our customer

THE POWER OF OUR PLATFORMS

One of the most important innovations in the past two years has been in centralized platforms.



These platforms deliver higher-quality service for our clients, create a strong set of capabilities available in many of our products and solutions, and lower the cost of management, improving our profitability.

In SendTech, the new Shipping 360™ platform has created success with customization that delivers unique capabilities to clients through simple configurations instead of lengthy development cycles. 2021 showed us what's possible: Powered by a new, cloud-based rules engine, Shipping 360 enabled one of the largest health-care/pharmaceutical companies to send nearly 100,000 packages per day from its 9,000 stores to serve its customers' critical pharmaceutical needs.

The Shipping 360 platform also integrates our ParcelPoint™ Smart Locker solution, which in 2021 enabled smoother transitions back to the office for one of the world's largest financial institutions, and provided one of the largest retailers on the planet the ability to offer more value for their consumers to ship from stores using parcel lockers.

satisfaction continued to improve in 2021, which is a vital indicator of future success.

- SendTech equipment sales were up by 11 percent for the year
- Presort Services grew revenue by 10 percent and processed a total of 17.1 billion mail pieces
- New Global Ecommerce sites opened in Dallas, Boston, Stockton and Columbus with state-of-theart automation that has enhanced our logistics management in key parts of our network
- Cash and short-term investments ended the year at \$747 million
- Debt was reduced by \$241 million and we extended our maturity profile
- Shipping-related revenues represented 50 percent of total revenue
- Global Ecommerce revenue was \$1.7 billion and grew by 5 percent over the prior year — growth of 48 percent versus 2019
- SG&A for 2021 improved nearly 200 basis points over the prior year

In SendTech, we continued to build out our shipping capabilities for both small businesses and large enterprises with new hardware and software offerings. Over the past several years, we have updated and upgraded our SendTech offerings. Clients want integrated mailing, shipping, digital and mobile solutions, and data and analytics to help make better business decisions, and more options to deliver packages to their customers. The value for clients and impact for the business is clear. In the US, revenue from new SendTech products is above the benchmark for high-performing companies. Financial Services expanded its offerings, with a particular focus on adding capabilities for the shipping market.

Presort continued with its year-over-year operational improvements plus further penetration into the marketing mail segment of mail sortation. We began applying data science to mail sortation to further improve Presort margins. We also have the capability to automatically create highly optimal sort plans that enable us to respond more quickly to client needs and changes in the business. Presort also launched a state-of-the-art, cloud-based system that allows clients to monitor their activity, see their mailing performance, track their spending and understand the savings presort discounts have provided.

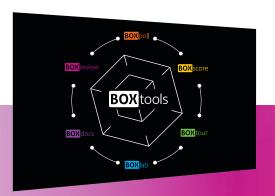
Our Global Ecommerce business made important steps to build and improve its capabilities — with significant investments in physical infrastructure, automation, transportation and, importantly, our team. The results were marked improvements in our client satisfaction and service levels. Automation, data intelligence, and improvements in employee tools and experiences have enabled us to increase our capacity and deliver to client expectations. We have been able to rapidly integrate with new automation systems, and have significantly expanded our ability to both drive insights using data and transition to cloud-based warehousing and parcel processing technologies.

The global pandemic, combined with client supply chain issues, presented short-term challenges, particularly in the fourth quarter. However, we expect these issues to be short-lived. Global Ecommerce shipping is a robust opportunity in a market where Pitney Bowes has a clear right to win. That belief in the long term drove our decisions to invest in client satisfaction and capacity to handle peak demand. Our bias in these moments is a bias toward the long term. Our brand plays well in the ecommerce market. We also know that our

Letter to Shareholders

MEANINGFUL INSIGHTS

Our marketdifferentiating BOXtools™program continues to grow in importance.



Within the Pitney Bowes BOXtools suite of insights, BOXscore, our mystery shopping program, has amassed thousands of shops across US retailers to automatically benchmark brands' order experiences. BOXpoll, our weekly consumer survey on current events, culture and ecommerce logistics, has had its findings shared in many industry publications. Both data sets are used by our consultative team to help clients and prospects accelerate their business.

experience building our Presort business provides a clear blueprint for success.

So, while 2021 tested us all, I would characterize the year as successful, especially against the backdrop of the challenges of the year. SendTech, Presort and Financial Services are positioned to grow revenue and profit, and Global Ecommerce is positioned to now drive meaningful incremental profit.

Essentialness and purpose

There has been another conversation going on amid all of the tumult of the past few years. The conversation began around purpose. I suppose this was a nod to a higher calling for businesses to be about more than "just" making a profit — although let's all agree that making a competitive profit is the starting point for any successful commercial business. With COVID-19, a parallel conversation began around "essential" businesses. This had to do with those businesses that were deemed critical by the federal government to keep our economy running. Pitney Bowes fell into this category. It's worth saying

once again, how proud I am of the team and the incredible work done over the past two years to fulfill our role as an essential business.

I admit that there are aspects of these conversations that I am uncomfortable with. I believe making an acceptable return for investors is a precursor to everything else. If you don't do that, the rest is not sustainable. At the same time, "purpose" seems very meaningful to me for those enterprises that do an obvious public good. The health-care profession comes immediately to mind, but there are certainly other entities that have a clear societal good. For the rest of us that do important work, but perhaps with a less obvious societal role, the conversation can become a bit tortured.

That said, it does seem to me there is something important to this conversation — at least for Pitney Bowes. When I joined Pitney Bowes in 2012, my assignment was clear: Find the next chapter for this great company. We have done that. I'm proud that Pitney Bowes was designated an essential company,

but that recognition goes to our employees who do the vital work to keep mail and parcels moving across our country and around the world.

Here's the intersection of all of this purpose and essentialness. Embedded in all of these conversations for Pitney Bowes is our enduring value.

At this particular moment, institutions are coming under fire from all directions. Yet, when I reflect on our accomplishments, I believe that our successes all go back to our value system based on *doing the right thing the right way*. So, at one level we can say our purpose rests on the essential services we provide, but I like to think we have another one: Pitney Bowes can be an example of an institution that provides a good return for its shareholders while also providing real value to its clients, employees and the broader society.

Maybe that is our purpose and part of why we undertook this purposeful transformation that continues to unfold. If it is, that's good enough for me.

We have more work to do, and we must accelerate our profit growth, but we have created the core conditions — competitive offerings, a highly engaged team and satisfied customers — to create substantial value for our shareholders. Hike our hand.

Marc B. Lautenbach

President and Chief Executive Officer

MARC & LAUDOLAND



OUTSTANDING CUSTOMER EXPERIENCE

Pitney Bowes has been recognized by J.D. Power for providing "An Outstanding Customer Service Experience" for its Technology Service & Support Program.

In 2021, our Sending Technology Solutions business achieved the prestigious J.D. Power certification for technical support excellence for the second consecutive year, recognizing our deep commitment to its clients. This year's distinction expands the Company's 2020 recognition for Assisted Support (Phone and Chat) to certified Technology Service and Support Distinction. The new certification for 2021 recognizes further excellence in Pitney Bowes onsite Field Service delivery and self-service support, including web and online/on-product support.

To achieve this recognition, Pitney Bowes passed a rigorous audit with over 500 support processes benchmarked against industry leaders in technology, along with detailed self-assessments and in-depth customer satisfaction research. The research found that, from a survey of consumers, delighted customers are four times more likely to recommend Pitney Bowes services, three times more likely to expand their relationship with Pitney Bowes and 80 percent less likely to leave than merely satisfied customers.

Disclaimer: J.D. Power 2021 Certified Technology Service & Support Program, developed in conjunction with TSIA. Based on successful completion of an audit and exceeding a customer satisfaction benchmark for Technology Service and Support operations. For more information, visit http://www.jdpower.com or www.tsia.com.

Summary of Selected Financial Data

For the year ended December 31, (amounts in thousands, except per share data and total employees)	2021	2020	2019
As reported			
Revenue	\$ 3,673,561	\$3,554,075	\$3,205,125
Net (loss) income	\$ (1,351)	\$ (180,376)	\$ 194,319
Diluted earnings (loss) per share from continuing operations	\$ 0.02	\$ (1.11)	\$ 0.22
Net cash provided by operating activities	\$ 301,515	\$ 301,972	\$ 267,883
Depreciation and amortization	\$ 162,859	\$ 160,625	\$ 159,142
Capital expenditures	\$ 184,042	\$ 104,987	\$ 137,253
Dividends per share of common stock	\$ 0.20	\$ 0.20	\$ 0.20
Weighted average diluted shares outstanding	179,105	171,519	177,449
Total assets	\$ 4,958,871	\$5,224,363	\$5,469,958
Total debt	\$ 2,323,838	\$2,564,393	\$2,739,722
Stockholders' equity	\$ 112,632	\$ 70,621	\$ 289,154
Total employees	11,500	11,500	11,000
As adjusted			
EBIT	\$ 202,689	\$ 215,147	\$ 278,930
Income before taxes	\$ 58,744	\$ 61,232	\$ 123,372
Diluted earnings per share	\$ 0.32	\$ 0.31	\$ 0.68
Free cash flow	\$ 154,325	\$ 283,110	\$ 184,335
EBIT to interest	1.4x	1.4x	1.8x
EBITDA	\$ 365,548	\$ 375,772	\$ 438,072

Reconciliation of Reported Consolidated Results to Adjusted Results

For the year ended December 31, (dollars in thousands, except per share data)	2021	2020	2019
Net (loss) income	\$ (1,351)	\$ (180,376)	\$ 194,319
Loss (income) from discontinued operations, net of tax	4,858	(10,115)	(154,460)
(Benefit) provision for income taxes	(10,922)	7,122	(13,127)
(Loss) income from continuing operations before taxes	(7,415)	(183,369)	26,732
Restructuring charges and asset impairments	19,003	20,712	69,606
(Gain) loss on sale of assets/business	(11,635)	(11,908)	17,683
Loss on debt refinancing	56,209	36,987	6,623
Goodwill impairment	_	198,169	_
Transaction costs	2,582	641	2,728
Adjusted income before taxes	58,744	61,232	123,372
Interest expense, net	143,945	153,915	155,558
Adjusted EBIT	202,689	215,147	278,930
Depreciation and amortization	162,859	160,625	159,142
Adjusted EBITDA	\$ 365,548	\$ 375,772	\$ 438,072
Diluted (loss) earnings per share	\$ (0.01)	\$ (1.05)	\$ 1.10
Loss (income) from discontinued operations, net of tax	0.03	(0.06)	(0.87)
Restructuring charges	0.08	0.09	0.30
(Gain) loss on sale of assets/business	(0.03)	(0.05)	0.12
Loss on debt refinancing	0.24	0.16	0.03
Goodwill impairment	_	1.13	_
Tax on surrender of investment securities	_	0.07	_
Transaction costs	0.01	_	0.01
Adjusted diluted earnings per share	\$ 0.32	\$ 0.31	\$ 0.68
Net cash provided by operating activities	\$ 301,515	\$ 301,972	\$ 267,883
Net cash used in (provided by) operating activities —			
discontinued operations	_	37,912	(9,272)
Capital expenditures	(184,042)	(104,987)	(137,253)
Restructuring payments	21,990	20,014	27,148
Changes in customer deposits at PB Bank	14,862	26,082	16,341
Transaction costs paid	_	2,117	19,488
Free cash flow	\$ 154,325	\$ 283,110	\$ 184,335

The sum of earnings per share amounts may not equal the totals due to rounding.

The Company's financial results are reported in accordance with generally accepted accounting principles (GAAP); however, the Company uses certain non-GAAP measures, such as adjusted income before taxes, adjusted earnings before interest and taxes (EBIT), adjusted earnings before interest, taxes, depreciation and amortization (EBITDA), adjusted earnings per share (EPS) and free cash flow.

Adjusted income before taxes, Adjusted EBIT, Adjusted EBITDA and Adjusted EPS exclude the impacts of discontinued operations, restructuring charges, gains, losses and costs related to acquisitions and dispositions, asset and goodwill impairment charges and other unusual or one-time items. Such items are often inconsistent in amount and frequency and as such, the Company believes that these non-GAAP measures provide investors greater insight into the underlying operating trends of the business.

Free cash flow adjusts cash from operations calculated in accordance with GAAP for discontinued operations, capital expenditures, restructuring payments, changes in customer deposits held at the Pitney Bowes Bank, transaction costs and other special items. The Company reports free cash flow to provide investors insight into the amount of cash that management could have available for other discretionary uses.

The adjusted financial information may not be indicative of our overall consolidated performance and should therefore be read in conjunction with our consolidated financial results. Further, our definitions of adjusted financial measures may differ from similarly titled measures used by other companies.

Directors and Corporate Officers*

Directors

Anne M. Busquet

Principal, AMB Advisors, LLC

Robert M. Dutkowsky

Non-Executive Chairman of the Board, US Foods

Anne Sutherland Fuchs

Consultant

Mary J. Steele Guilfoile

Chairman, MG Advisors, Inc.

S. Douglas Hutcheson

Executive Chairman, Kymeta Corporation

Marc B. Lautenbach

President and Chief Executive Officer, Pitney Bowes Inc.

Michael I. Roth

Retired Executive Chairman, The Interpublic Group of Companies, Inc. Non-Executive Chairman, Pitney Bowes Inc.

Linda S. Sanford

Retired Senior Vice President, Enterprise Transformation, International Business Machines Corporation (IBM)

David L. Shedlarz

Retired Vice Chairman, Pfizer Inc.

Sheila A. Stamps

Former Commissioner and Audit Committee Chair for the board of the New York State Insurance Fund

Corporate Officers

Marc B. Lautenbach

President and Chief Executive Officer

Bill Borrelle

Senior Vice President and Chief Marketing Officer

Joseph R. Catapano

Vice President, Chief Accounting Officer

Ana Maria Chadwick

Executive Vice President and Chief Financial Officer

Jason Dies

Executive Vice President and President, Sending Technology Solutions

James Fairweather

Executive Vice President, Chief Innovation Officer

Daniel J. Goldstein

Executive Vice President, Chief Legal Officer and Corporate Secretary

Debbie D. Salce

Vice President and Treasurer

Joseph B. Schmitt

Senior Vice President, Chief Information Officer

Christoph Stehmann

Executive Vice President, International, Sending Technology Solutions

Johnna G. Torsone

Executive Vice President and Chief Human Resources Officer

Gregg Zegras

Executive Vice President and President, Global Ecommerce

*As of March 1, 2022

Stockholders may visit the Pitney Bowes corporate governance website at www.pitneybowes.com under Our Company — Leadership & Governance — Board of Directors for information concerning charters of the committees of the board and Our Company — Leadership & Governance — Corporate Governance for information concerning governance practices, including the Governance Principles of the Board of Directors and the directors' Code of Business Conduct and Ethics. Our Business Practices Guidelines is also available at Corporate Responsibility — Business Practices.

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, 2021

PITNEY BOWES INC.

Commission file number: 1-3579

State of incorporation:	Delaware					I.R.S. Employer Ide	entification No.	06-0495050
Address:	3001 Sum	mer Street,	Stamford,	Connect	ticut	06926		
Telephone Number:	(203) 356	5-5000						
Securities registered pure	suant to Sec	etion 12(b) of	the Act:					
Title of Ea	ch Class		Trading	Symbol(s))	Name of Each	Exchange on W	hich Registered
Common Stock, \$1 par	value per sl	nare		PBI			York Stock Excl	
6.7% Notes due 2043	•		PB	I.PRB		New	York Stock Exc	hange
Indicate by check mark if the	ne registrant	is a well-know	n seasoned is	suer, as def	ined i	n Rule 405 of the Securi	ities Act. Yes ☑	No □
Indicate by check mark if the	ne registrant	is not required	to file reports	s pursuant to	o Sect	tion 13 or Section 15(d)	of the Act. Yes	□ No ☑
Indicate by check mark what 1934 during the preceding filing requirements for the	12 months (d	or for such sho	rter period tha					
Indicate by check mark who f Regulation S-T (section submit such files) Yes ☑	232.405 of							
Indicate by check mark wh an emerging growth compa company" in Rule 12b-2 of	any. See de	finition of "lar						
Large accelerated filer		Accelerated f	iler		Non	n-accelerated filer		
Smaller reporting company	у 🗆	Emerging gro	wth company	,				
If an emerging growth con with new or revised financi Indicate by check mark wh	al accountin	g standards pro	ovided pursua	nt to Section	n 13(a	a) of the Exchange Act. [
control over financial repo prepared or issued its audit	rting under	Section 404(b)						
Indicate by check mark who	ether the reg	istrant is a shel	l company (as	s defined in	Rule	12b-2 of the Act). Yes [□ No 🗹	
As of June 30, 2021, the age closing sale price as reports \$1 par value.								
		DOCUM	ENTS INC	ORPORAT	TED	BY REFERENCE		

Portions of the registrant's proxy statement to be filed within 120 days after our fiscal year end in connection with the Annual Meeting of

Stockholders to be held May 2, 2022, are incorporated by reference in Part III of this Form 10-K.

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Forward-Looking Statements

This Annual Report on Form 10-K (Annual Report) contains statements that are forward-looking. We believe that these forward-looking statements are reasonable based on our current expectations and assumptions. However, we caution readers that any forward-looking statement within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934 are subject to risks and uncertainties and actual results could differ materially. Words such as "estimate," "target," "project," "plan," "believe," "expect," "anticipate," "intend" and similar expressions may identify such forward-looking statements. We undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise, except as required by law. Forward-looking statements in this Annual Report speak only as of the date hereof, and forward-looking statements in documents attached that are incorporated by reference speak only as of the date of those documents.

Although we believe that the expectations reflected in any of our forward-looking statements are reasonable, actual results could differ materially from those projected or assumed in our forward-looking statements. Our future financial condition, results of operations and forward-looking statements are subject to change and to inherent risks and uncertainties, as disclosed or incorporated by reference in our filings with the Securities and Exchange Commission (the SEC). In particular, we continue to navigate the impacts of the COVID-19 pandemic (COVID-19) and the effect that its unpredictability is having on our, and our client's business, financial performance and results of operations. Other factors which could cause future financial performance to differ materially from the expectations, and which may also be exacerbated by COVID-19 or a negative change in the economy, include, without limitation:

- declining physical mail volumes
- changes in postal regulations or the operations and financial health of posts in the U.S. or other major markets, or changes to the broader postal or shipping markets
- the loss of, or significant changes to, our contractual relationships with the United States Postal Service (USPS) or USPS' performance under those contracts
- our ability to continue to grow and manage unexpected fluctuations in volumes, gain additional economies of scale and improve profitability within our Global Ecommerce segment
- changes in labor and transportation availability and costs
- · global supply chain issues adversely impacting our third-party suppliers' ability to provide us products and services
- declines in demand for our ecommerce services resulting from supply chain delays or interruptions affecting our retail clients, or changes in retail consumer behavior or spending patterns
- competitive factors, including pricing pressures, technological developments and the introduction of new products and services by competitors
- the loss of some of our larger clients in our Global Ecommerce and Presort Services segments
- the impacts of inflation and rising prices on our costs and expenses, and to our clients and retail consumers
- expenses and potential impacts resulting from a breach of security, including cyber-attacks or other comparable events
- the potential impacts on our cost of debt due to potential interest rate increases
- our success at managing customer credit risk
- capital market disruptions or credit rating downgrades that adversely impact our ability to access capital markets at reasonable costs
- our success in developing and marketing new products and services and obtaining regulatory approvals, if required
- the continued availability and security of key information technology systems and the cost to comply with information security requirements and privacy laws
- · changes in international trade policies, including the imposition or expansion of trade tariffs
- changes in tax laws, rulings or regulations
- our success at managing relationships and costs with outsource providers of certain functions and operations
- changes in banking regulations or the loss of our Industrial Bank charter
- changes in foreign currency exchange rates
- · increased environmental and climate change requirements or other developments in these areas
- intellectual property infringement claims
- the use of the postal system for transmitting harmful biological agents, illegal substances or other terrorist attacks
- impact of acts of nature on the services and solutions we offer

Further information about factors that could materially affect us, including our results of operations and financial condition, is contained in Item 1A. "Risk Factors" in this Annual Report.

ITEM 1. BUSINESS

General

Pitney Bowes Inc. (we, us, our, or the company) is a global shipping and mailing company that provides technology, logistics, and financial services to small and medium sized businesses, large enterprises, including more than 90 percent of the Fortune 500, retailers and government clients around the world. These clients rely on us to remove the complexity and increase the efficiency in their sending of mail and parcels. For additional information, visit www.pitneybowes.com.

Business Segments

Global Ecommerce

Domestic parcel services offers retailers a cost-effective parcel delivery and returns network for end consumers. We operate numerous domestic parcel sortation centers connected by a nationwide transportation network, enabling us to pick up parcels from retailer distribution centers and move them through our physical network. We also offer fulfillment services, providing pick, pack and ship services for clients through four fulfillment centers co-located within four of our larger parcel sortation centers to facilitate same-day entry into our parcel delivery network.

Cross-border solutions manages all aspects of the international shopping and shipping experience. Our proprietary technology enables global tracking and logistics services; calculates duty, tax and shipping costs at checkout; enables multi-currency pricing, payment processing and fraud management; ensures compliance with product restrictions and produces all documentation requirements to meet export complexities and customs clearance. Our proprietary technology is utilized by direct merchants and major online marketplaces facilitating millions of parcels to be shipped worldwide.

Digital delivery services enables clients to reduce transportation and logistics costs, select the best carrier based on need and cost, improve delivery times and track packages in real-time. Powered by our shipping APIs, clients can purchase postage, print shipping labels and access shipping and tracking services from multiple carriers that can be easily integrated into any web application such as online shopping carts or ecommerce sites and provide guaranteed delivery times and flexible payment options.

Presort Services

We are a workshare partner of the USPS and national outsource provider of mail sortation services that allow clients to qualify large volumes of First-Class Mail, Marketing Mail and Marketing Mail Flats and Bound Printed Matter for postal workshare discounts. Our network of operating centers throughout the United States and fully-customized proprietary technology provides clients with end-to-end solutions from pick up to delivery into the postal system network, expedited mail delivery and optimal postage savings.

Sending Technology Solutions

We provide clients with physical and digital mailing and shipping technology solutions and other applications to help simplify and save on the sending, tracking and receiving of letters, parcels and flats. We also offer supplies and maintenance services for these offerings. Our cloud enabled infrastructure provides software-as-a-service (SaaS) offerings delivered online and via connected or mobile devices. Our latest offerings are designed on an open platform architecture that have the capabilities to leverage partnerships with carriers, developers and other innovative companies to deliver value to our clients. We offer financing alternatives that enable clients to finance equipment and product purchases.

Through our wholly owned subsidiary, The Pitney Bowes Bank (the Bank), we offer our clients in the United States a revolving credit solution that enables clients to make meter rental payments and purchase postage, services and supplies and an interest-bearing deposit solution to clients who prefer to prepay postage. Additionally, we offer financing alternatives that enable clients to finance or lease other manufacturers' equipment and provide working capital.

We provide revolving credit solutions to clients in Canada and the U.K. that enable them to make meter rental payments and purchase postage, services and supplies.

We establish credit approval limits and procedures based on the credit quality of the client and the type of product or service provided. We closely monitor the portfolio by analyzing industry sectors and delinquency trends by product line, industry and client to ensure reserve levels and credit policies reflect current trends. Management continuously monitors credit lines and collection resources and revises credit policies as necessary.

Seasonality

A larger percentage of our revenue is earned in the fourth quarter relative to the other quarters, driven primarily by higher shipping volumes during the holiday season.

Sales and Services

We market our products, solutions and services through a direct and inside sales force, global and regional partner channels, direct mailings and digital channels. We provide call-center, online and on-site support services for our products and solutions. Support services are primarily provided under maintenance contracts.

Competition

Our businesses face competition from large, multinational companies and smaller, more narrowly focused regional and local firms. We compete on the basis of technology and innovation, breadth of product offerings, our ability to design and tailor targeted solutions to meet client needs, performance, service and support, price, quality and brand.

We must continue to invest in our current technologies, products and solutions, and in the development of new technologies, products and solutions in order to maintain and improve our competitive position. We frequently encounter new competitors as the markets in which we participate evolve and newer businesses enter our existing markets.

A summary of the competitive environment for each of our segments is as follows:

Global Ecommerce

The domestic parcel services and cross-border solutions market includes competitors of various sizes, including companies with greater financial resources than us. Some of these competitors specialize in point solutions or freight forwarding services, are full-service ecommerce business process outsourcers and online marketplaces with international logistic support, or major global delivery services companies. We also face competition from companies that can offer both domestic and cross-border solutions in a single package which creates pricing leverage. The principal competitive factors include speed of delivery, price, ease of integration and use, innovative services, reliability, functionality and scalability. We compete based on the accuracy, reliability and scalability of our platform and logistics services, our ability to provide clients and their customers a one-stop full-service ecommerce experience and the ability to provide a more customized shipping solution than some of the larger competitors in the industry.

Our digital delivery services business competes with technology providers who help make shipping easier and more cost-effective. These technology providers range from large, established companies to smaller companies offering negotiated carrier rates. The principal competitive factors include technology stability and reliability, innovation, access to preferred shipping rates and ease of integration with existing systems.

Presort Services

We face competition from regional and local presort providers, cooperatives of multiple local presort providers, consolidators and service bureaus that offer presort solutions as part of a larger bundle of outsourcing services. We also face competition from large mailers that have sufficient volumes and the capability to sort their own mailings in-house and could use excess capacity to offer presort services to others. The principal competitive factors include price, innovative service, delivery speed, tracking and reporting, industry expertise and economies of scale. Our competitive advantages include our extensive network of presort facilities capable of processing significant volumes and our innovative proprietary technology that provides clients with reliable, secure and precise services and maximum postage discounts.

Sending Technology Solutions

We face competition from other mail equipment and solutions providers and those that offer online shipping and mailing products and services solutions. Additionally, the growth of alternative communication methods as compared to physical mail continue to grow, which creates competition to mail and also to our offerings that enable clients to use the mail efficiently. We differentiate ourselves from our competitors through our breadth of physical and digital offerings, including cloud enabled SaaS and open platform architecture offerings; pricing; available financing and payment offerings; product reliability; support services; and our extensive knowledge of the shipping and mailing industry.

Our financing operations face competition, in varying degrees, from large, diversified financial institutions, including leasing companies, commercial finance companies and commercial banks, as well as small, specialized firms. We believe our competitive advantage that differentiates us from our competitors is the breadth of our financing and payment solutions and our ability to seamlessly integrate these solutions into our clients' shipping and mailing operations.

Also see Item 1A. Risk Factors for further details regarding the competition our businesses face.

Research, Development and Intellectual Property

We invest in research and development activities to develop new products and solutions, enhance the effectiveness and functionality of existing products and solutions and deliver high value technology and differentiated services in high value segments of the market.

Third-Party Suppliers

Our Sending Technology Solutions (SendTech Solutions) segment depends on third-party suppliers and outsource providers for a variety of services and product components and the hosting of our SaaS offerings. Our Global Ecommerce and Presort Services segments rely on third party suppliers to help equip our facilities, provide warehouse support and assist with our logistical operations. All of our businesses and corporate functions depend on third-party providers for a variety of data analytics, sales, reporting and other functions. In certain instances, we rely on single-sourced or limited-sourced suppliers and outsourcing vendors around the world because doing so is advantageous due to quality, price or lack of alternative sources. We have risk mitigation programs to monitor conditions affecting our suppliers' ability to fulfill expected commitments. We believe that our available sources for services, components, supplies, logistics and manufacturing are adequate.

Regulatory Matters

We are subject to the regulations of postal authorities worldwide related to product specifications of our postage meters. Our Presort Services segment is also subject to regulations of the USPS. The Bank is chartered as an Industrial Bank under the laws of the State of Utah. The Bank and certain company affiliates that provide services to the Bank are subject to the regulations of the Utah Department of Financial Institutions and the Federal Deposit Insurance Corporation. We are also subject to transportation regulations for various parts of our business, customs and trade regulations worldwide related to our cross-border shipping services and regulations concerning data privacy and security for our businesses that use, process and store certain personal, confidential or proprietary data.

Climate Change

Although climate change has had no material impact on our operations to date, the risk of increasingly severe climate events or the risk that those events happen more frequently could affect one or more of our facilities and our ability to conduct daily operations in the future. Increasing regulatory restrictions in response to climate change could also materially affect our costs, especially with respect to transportation.

Human Capital

We have approximately 11,500 employees, with approximately 80% located in the United States. We also rely on a contingent hourly workforce to supplement our full-time workforce to meet fluctuating demand. We seek to create a high-performance culture that will drive and sustain enhanced value for all our stakeholders. To attract, retain and engage the talent needed, we strive to maintain a diverse, inclusive and safe workplace, with equitable opportunities for growth and development, supported by competitive compensation, benefits and health and wellness programs, and by programs that build connections between our employees and their communities.

Diversity and Inclusion

We believe that maintaining a diverse workforce and an inclusive environment for our workforce is important to our success. We celebrate a rich mix of countries, cultures, ages, races, ethnicities, gender identities, sexual orientation, abilities and perspectives that showcase our humanity, differentiate us as individuals and enhance our businesses.

Employee Engagement and Development

We emphasize employee development and training and provide professional development initiatives, training, experiential learning and inclusion networks to our employees to enable them to advance their skills and achieve career goals. We also believe employee engagement is important to the company's success and conduct a survey annually that has driven participation rates with scores reflecting high levels of employee engagement.

Health, Safety and Wellness

We are committed to the health, safety and wellness of our employees. We provide our employees and their families with access to a variety of flexible and convenient health and wellness programs.

In response to COVID-19, we implemented significant changes that we determined were in the best interest of our employees, and the communities in which we operate, and which comply with local and federal government regulations. As the pandemic conditions change, we adapt our approach to keep our employees safe, including allowing them to work remotely when they do not need to be in any of our facilities and adapting our requirements around social distancing or the use of personal protective equipment. We have also

taken steps to encourage-but not require-our employees to get vaccinated. We continuously monitor the rate of infection of our employees both overall and in specific facilities.

All of our offices and facilities are open for employees. There are some employees who have been working full-time in our offices and operating centers due to the nature of their work; some have chosen to come in regularly and others are predominantly working from home, coming into our office for purposeful activities. Over the course of the pandemic, we have been developing and will continue to adapt our workplace strategy to reflect the current changes in how people work. As we develop and adjust these approaches, we focus on doing so with an emphasis on maintaining a high level of performance while ensuring an inclusive and safe work environment. This approach provides a consistent framework for recognizing the evolving ways in which we work to deliver value to our stakeholders – warehouse employees who are onsite every day, service technicians, salespeople and drivers travelling to client sites, and office workers working in an array of flexible models. We continue to encourage our employees to get vaccinated, social distance where appropriate, provide and encourage the use of personal protective equipment and monitor the health of our employees. We expect to continue to implement safety measures as necessary and take further actions as government authorities require or recommend, or as we determine to be in the best interests of our employees, customers, partners and suppliers.

Available Information

Our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and any amendments thereto filed with, or furnished to, the SEC, are available, free of charge, through the Investor Relations section of our website at www.investorrelations.pitneybowes.com or from the SEC's website at www.sec.gov, as soon as reasonably practicable after these reports are electronically filed with, or furnished to, the SEC. The other information found on our website is not part of this or any other report we file with or furnish to the SEC.

Information About Our Executive Officers

Name	Age	Title	Executive Officer Since
Marc B. Lautenbach	60	President and Chief Executive Officer	2012
Johnna G. Torsone	71	Executive Vice President and Chief Human Resources Officer	1993
Daniel J. Goldstein	60	Executive Vice President and Chief Legal Officer and Corporate Secretary	2010
Christoph Stehmann	59	Executive Vice President, International Sending Technology Solutions	2016
Jason C. Dies	52	Executive Vice President and President, Sending Technology Solutions	2017
Gregg Zegras	54	Executive Vice President and President, Global Ecommerce	2020
Ana Maria Chadwick	50	Executive Vice President and Chief Financial Officer	2021
James Fairweather	50	Executive Vice President, Chief Innovation Officer	2021

There are no family relationships among the above officers. The above officers have served in various executive positions with the company for at least the past five years except as follows:

Mr. Dies was appointed Executive Vice President and President, Sending Technology Solutions in October 2017. He joined the company in 2015 as President, Document Messaging Technologies (DMT). Prior to joining the company, Mr. Dies was employed at IBM where he held several leadership positions in North America, Europe, and Asia across diverse business units.

Mr. Zegras was appointed Executive Vice President and President, Global Ecommerce in July 2020. He joined the company in 2013 as President, Imagitas. Prior to joining the company, Mr. Zegras held several executive leadership positions, including at NBC Universal, Sharecare and Hearst Entertainment.

Ms. Chadwick joined the company as Executive Vice President and Chief Financial Officer on January 29, 2021. Prior to joining the company, Ms. Chadwick was employed at GE Capital as President and CEO of GE Capital Global Legacy Solutions. Ms. Chadwick spent over 20 years at GE Capital, where she held several executive positions, including Controller of GE Capital Americas and CFO at GE Capital Energy Financial Services.

Mr. Fairweather was appointed Executive Vice President and Chief Innovation Officer in May 2021. Prior to this, he was Senior Vice President and Chief Technology Officer, Commerce Services. He has been a leader in the company's strategic digital transformation and technology initiatives across Design, SaaS, Data Science and Analytics, API Management, Security and Mobility.

ITEM 1A. RISK FACTORS

Our operations face certain risks that should be considered in evaluating our business. We manage and mitigate these risks on a proactive basis, using an enterprise risk management program. Nevertheless, the following risk factors, some of which may be beyond our control, could materially affect our business, financial condition, results of operations, brand and reputation, and may cause future results to be materially different than our current expectations. These risk factors are not intended to be all inclusive.

COVID-19 Pandemic Risks

Our business, financial condition and results of operations have been, and will continue to be, affected by the unpredictability, duration, and severity of the ongoing COVID-19 pandemic.

The ongoing COVID-19 pandemic has impacted, and is expected to continue to impact, our business, operations, and financial performance. Given the unpredictability, duration, and, at times, the severity of resurgences of the pandemic, its ultimate effect on our business, operations and financial performance remains uncertain. There are many factors, not within our control, which could affect the pandemic's ultimate impact on our businesses and our ability to execute our business strategies and initiatives in the expected time frame. These include, but are not limited to: the response of governments, businesses and individuals to the pandemic; its impact on the labor force, the global economy and economic activity (including inflation), and the spending habits of consumers and businesses; disruptions in global supply chains; and significant volatility and disruption of financial markets. In addition to having the effect of potentially heightening many of our other risk factors in this section, the COVID-19 pandemic has, and may continue to, adversely affect the following to the detriment of our business, including:

- Our ability to sell products and provide services to our clients, fulfill orders, and install equipment on a timely basis and market to prospective new clients due to social distancing rules and heightened security policies.
- The acceleration of the decline of physical mail volumes in the geographies in which we operate, which adversely affects both our Presort Services and SendTech Solutions segments. We cannot yet assess the extent to which these declines in mail volumes, and resulting impact to our business, are permanent or temporary.
- The financial health of posts around the world, especially that of the USPS, given the adverse effects associated with the declines in physical mail volumes. If these financial difficulties are not resolved, or if any resolution requires posts to operate differently, price in a manner that hurts their competitiveness or further reduces postal volume or causes them to change their contractual relationships with their partners or vendors, these changes could have a material adverse effect on our business.
- Costs and reduced labor productivity associated with extended safety protocols, higher levels of employees out sick, hiring and training temporary labor, redirecting volumes to other facilities, and complying with government mandates.
- Global Ecommerce's costs, including those relating to postage, transportation, and warehouse space, resulting from sudden and significant increases or decreases in volumes, due to unexpected short-term shifts in consumer spending patterns or short-term interruptions or delays in our retail client's supply chains.
- Our ability to timely obtain parts, supplies, or finished goods from our vendors in order to meet our sales obligations or equip our facilities.
- The frequency of long-distance airplane flights, resulting in higher costs and at times, reduced demand for our Global Ecommerce cross-border offerings.
- Delinquencies in collections and bankruptcies in our clients, which could affect our cash flow. Client requests for potential
 payment deferrals or other contract modifications could also reduce the profitability or ongoing cash flow from some of our
 current customers.
- Third-party service providers ability to satisfy their performance obligations to us, which in turn affects our ability to satisfy our service commitments to our clients.
- Our earnings or cash flows, which could result in additional credit rating downgrades, higher costs of borrowing, or limit our access to additional debt.

Mailing and Shipping Industry Risks

Further significant deterioration in the financial condition of the USPS, or the national posts in our other major markets, could affect the ability of those posts to provide services to us or our clients, which could adversely affect client demand for our offerings and thus our financial performance.

We are dependent on financially viable national posts in the geographic markets where we operate, particularly in the United States. A significant portion of our revenue depends upon the ability of these posts, especially the USPS, to provide competitive mail and package delivery services to our clients and the quality of the services they provide. Their ability to provide high quality service at affordable rates in turn depends upon their ongoing financial strength. If the posts are unable to continue to provide these services into the future, our financial performance will be adversely affected.

Our ability to compete in the package shipping market in the United States depends upon certain contractual relationships we have with the USPS and the successful performance of those services.

The USPS is our primary provider for the "last mile" component of our parcel delivery services in the United States. This represents a significant component of our cost in offering these services. If we are unable to receive competitive pricing from the USPS or take advantage of lower cost USPS options, our ability to compete with private carriers and to achieve profitable revenue growth will be adversely affected. The quality of service we provide to our clients also depends upon the quality of delivery services received from the USPS. As the ecommerce market continues to evolve, and as the USPS implements changes to its network, if the USPS' service performance is materially worse than that of the private carriers, we may lose clients to competition and our financial performance will be adversely affected.

We are subject to postal regulations and processes, which could adversely affect our financial performance.

A significant portion of our business is subject to regulation and oversight by the USPS and posts in other major markets. These postal authorities have the power to regulate some of our current products and services. They also must approve many of our new or future product and service offerings before we can bring them to market. If our new or future product and service offerings are not approved, there are significant conditions to approval, regulations on our existing products or services are changed or, we fall out of compliance with those regulations, our financial performance could be adversely affected.

If we are not able to respond to the continuing decline in the volume of physical mail delivered via traditional postal services, our financial performance could be adversely affected.

Traditional mail volumes continue to decline and impact our current and future financial results, primarily within our SendTech Solutions and Presort Services segments. An accelerated or sudden decline could result from changes in communication behavior or available communication technologies, reductions to the Universal Service Obligation (USO) under which the USPS and other national posts are required to deliver to every address in a country with similar pricing and frequency, pandemics, and legislation or regulations that mandate electronic substitution for communication by mail, prohibit certain types of mailings, increase the difficulty of using information or materials in the mail, or impose higher taxes or fees on postal services. If we are not successful at meeting the continuing challenges faced in our mailing business, or if physical mail volumes were to experience an accelerated or sudden decline, our financial performance could be adversely affected.

Significant changes to the laws regulating the USPS or other posts, or changes in their operating models could have an adverse effect on our financial performance.

As a significant portion of our revenue and earnings is dependent on postal operations, changes in the laws and regulations that affect how posts operate could have an adverse effect on our financial performance. As posts consider new strategies for their operations in an era of declining mail volumes and increasing package volumes, if we are unable to work with posts to support those strategies, our financial performance could be adversely affected.

Business Operational Risks

We face intense competition in the industries in which we operate.

The markets for our products and services in each of our segments are highly competitive. In our Global Ecommerce segment, we face competition in our shipping business from full-service ecommerce business process outsourcers, online marketplaces, freight forwarders, and major global delivery services companies, including those that can offer both domestic and cross-border solutions in a single package. Our digital delivery business competes with technology providers ranging from large, established companies to

smaller companies offering negotiated carrier rates. If we cannot compete against these competitors with, among other things, speed of delivery, price, reliability, functionality and scalability of our platform and logistic services and ease of integration and use, we may lose clients, incur additional costs and suffer from reduced margins, and the financial results of the segment may be adversely affected. Our Presort Services segment faces competition from regional and local presort providers, cooperatives of multiple local presort providers, consolidators and service bureaus that offer presort solutions as part of a larger bundle of outsourcing services and large volume mailers that have sufficient volumes and the capability to presort their own mailings in-house and could use excess capacity to offer presort services to others. If we are not able to effectively compete on price, innovative service, delivery speed, tracking and reporting, we may lose clients and the financial results of the segment may be adversely affected. Our Sending Technology Solutions segment faces competition from other mail equipment and solutions providers, companies that offer products and services as alternative means of message communications and those that offer online shipping and mailing products and services solutions. In addition, our financing operations face competition, in varying degrees, from large, diversified financial institutions, including leasing companies, commercial finance companies and commercial banks, as well as small, specialized firms. If we are not able to differentiate ourselves from our competitors or effectively compete with them, the financial results of the segment may be adversely affected.

The evolution of our businesses to more digital and shipping-related services has resulted in a decline in our overall profit margins. If we cannot increase our volumes while at the same time reduce our costs, our overall profitability could be adversely affected.

As our businesses shift to more digital and shipping-related services, the relative revenue contribution from our shipping-related offerings now exceeds that of the revenue from our mailing-related offerings. We expect the revenue contribution from shipping services to continue to grow; however, profit margins on these services are lower than those for our mailing-related offerings. Accordingly, if we cannot gain additional economies of scale through increasing volumes, lowering our cost per piece and in turn, improve margins and profitability, our short and long-term financial performance will be adversely affected.

Seasonality of the Global Ecommerce segment, unexpected declines in consumer demand or the performance of our retail customers, or unexpected spikes in the costs of labor or transportation, especially during the fourth quarter, could adversely affect our overall performance.

Our Global Ecommerce segment derives the majority of its revenue from its retail clients. The retail industry is subject to cyclical trends in consumer sentiment and spending habits that are affected by many factors, including prevailing economic conditions, recession or fears of recession, inflation, unemployment levels, pandemics (as continues to be the case with the COVID-19 pandemic) or geopolitical events. Our retail clients are also dependent on third party suppliers to provide them with either raw materials or finished goods to meet the product demands of their clients. Moreover, Global Ecommerce's annual financial results are also highly dependent on its performance during the peak holiday season in the fourth quarter. If consumer sentiment or spending habits deteriorate or change such that the demand for our clients' online products is negatively impacted, or if our clients encounter supply chain challenges, we could incur unexpected costs and revenue declines, and if these factors impact our fourth quarter, as occurred in 2021 due to the COVID-19 pandemic, the impact on the segment's financial results could be more severe.

The loss of any of our largest clients in our Global Ecommerce segment could adversely affect the financial performance of that segment.

The Global Ecommerce segment receives a large portion of its revenue from a relatively small number of clients and business partners. The loss of any of these larger clients or business partners, or a substantial reduction in their use of our products or services, could have a material adverse effect on the revenue and profitability of the segment. There can be no assurance that our larger clients and business partners will continue to utilize our products or services at current levels, or that we would be able to replace any of these clients or business partners with others who can generate revenue at current levels.

If we fail to effectively manage our third-party suppliers, or if their ability to perform were negatively impacted, our business, financial performance and reputation could be adversely affected.

Our SendTech Solutions segment relies on third-party suppliers for services and components for our mailing equipment, spare parts, supplies and services and for the hosting of our SaaS offerings. We also rely on third party suppliers to help us equip our Presort and Ecommerce facilities and to provide us with services related to some of our operations. In certain instances, we rely on single-sourced or limited-sourced suppliers around the world because of advantages in quality, price or lack of alternative sources. If our suppliers are not able to provide these services, components or equipment to us in a timely manner, or if the supply chain constraints we are currently experiencing due to the COVID-19 pandemic were to worsen, the quality of the goods or services received were to deteriorate, our relationship with certain suppliers were to be terminated, or if the costs of using these third parties were to increase

and we were not able to find alternate suppliers, we could lose clients, incur significant disruptions in manufacturing and operations and increased costs, including higher freight and re-engineering costs.

Fluctuations in transportation costs or disruptions to transportation services in our Global Ecommerce or Presort Services segments could adversely affect client satisfaction or our financial performance.

In addition to our reliance on the USPS, our Global Ecommerce and Presort Services segments rely upon independent third-party transportation service providers to transport a significant portion of our parcel and mail volumes. Some of our providers may also be our competitors. The use of these providers is subject to risks, including our ability to negotiate acceptable terms, increased competition during peak periods, capacity issues, performance problems, extreme weather, natural or man-made disasters, pandemics, increased fuel costs, labor shortages or disputes and other unforeseen difficulties. Any disruption to the timely supply of these services for any reason, any dramatic increase in the cost of these services or any deterioration of the performance of these services (each of which we experienced, at times, during the COVID-19 pandemic), could adversely affect client satisfaction or our financial performance. Given our continued reliance upon these providers, any future unforeseen disruptions affecting these providers could similarly adversely affect client satisfaction and our financial performance.

Our business depends on the our ability to attract, retain and maintain good relationships with, employees at a reasonable cost to meet the needs of our business and to consistently deliver highly differentiated, competitive offerings.

The rapid growth of the ecommerce industry has resulted in intense competition for employees in the shipping, transportation and logistics industry, including drivers and warehouse employees. The COVID-19 pandemic has accelerated this industry growth resulting in our Global Ecommerce segment experiencing a higher demand, and increased competition, for labor, especially in our warehouses. This increased demand and competition for workers has also impacted our Presort Services segment. We supplement our Global Ecommerce and Presort Services workforce with contingent hourly workers from staffing agencies on an as-needed basis. Due to increased demand and competition, concern over exposure to COVID-19 and other factors, at times during the COVID-19 pandemic, we experienced labor shortages, increased costs and reduced productivity. If we experience similar labor shortages again, do not effectively manage our use of such contingent workers, or if our staffing agencies chose to terminate their relationship with us and we cannot find alternative providers, it could result in increased costs and adversely affect our operations. Moreover, given the nature of our Global Ecommerce and Presort Services employee base, if we cannot continue to maintain good relationships with those employees resulting in employee dissatisfaction and turnover, our operating costs could significantly increase, and our operational flexibility could be significantly reduced.

There is also significant competition for the talent needed to develop our other products and services. Increased competition for employees has resulted in higher wages and costs of other benefits necessary to attract and retain employees with the right skill sets. Additional labor costs which may also impact our business include those triggered by regulatory actions; increased health care and workers' compensation insurance expenses; and, those costs associated with the COVID-19 pandemic, which in our Global Ecommerce and Presort Services segments, continues to include costs resulting from reduced productively (staggering shifts, breaks to enhance social distancing and higher levels of employees out sick), costs for extended safety protocols in our warehouses and incremental costs required to hire temporary labor.

Our inability to obtain and protect our intellectual property and defend against claims of infringement by others may negatively impact our financial performance.

Our businesses are not materially dependent on any one patent or license or group of related patents and licenses; however, our business success depends in part upon protecting our intellectual property rights, including proprietary technology developed or obtained through acquisitions. We rely on copyrights, patents, trademarks and trade secrets and other intellectual property laws to establish and protect our proprietary rights. If we are unable to protect our intellectual property rights, our competitive position may suffer, which could adversely affect our revenue and profitability. The continued evolution of patent law and the nature of our innovation work may affect the number of patents we are able to receive for our development efforts. As we continue to transition our business to more software and service-based offerings, patent protection of these innovations will be more difficult to obtain. In addition, from time to time, third parties may claim that we, our clients, or our suppliers, have infringed their intellectual property rights. These claims, if successful, may require us to redesign affected products, enter into costly settlement or license agreements, pay damage awards, or face a temporary or permanent injunction prohibiting us from marketing or selling certain products.

If we fail to comply with government contracting regulations, our financial performance, brand name and reputation could suffer.

We have a significant number of contracts with governmental entities. Government contracts are subject to extensive and complex procurement laws and regulations, along with regular audits and investigations by government agencies. If one or more government agencies discovers contractual noncompliance by us or one of our subcontractors in the course of an audit or investigation, we may be subject to various civil or criminal penalties and administrative sanctions, which could include the termination of the contract, reimbursement of payments received, fines and debarment from doing business with one or more governments. Any of these events could not only affect our financial performance, but also adversely affect our brand and reputation.

We may not fully realize the anticipated benefits of strategic acquisitions and divestitures which may harm our financial performance.

We may make strategic acquisitions or divest certain businesses. These actions may involve significant risks and uncertainties, which could have an adverse effect on our financial performance, including:

- difficulties in achieving anticipated benefits or synergies;
- difficulties in integrating newly acquired businesses and operations, including combining product and service offerings and entering new markets, or reducing fixed costs previously associated with divested businesses;
- the loss of key employees or clients of businesses acquired or divested;
- significant charges for employee severance and other restructuring costs, legal, accounting and financial advisory fees; and
- possible goodwill and asset impairment charges as divestitures and changes in our business model may adversely affect the recoverability of certain long- lived assets and valuation of our operating segments.

Our capital investments to develop new products and offerings or expand our current operations may not yield the anticipated benefits.

We are making significant capital investments in new products, services, and facilities. If we are not successful in these new product or service introductions at the levels anticipated when making the investments, there may be an adverse effect on our financial performance.

Cybersecurity and Technology Risks

Our financial performance and our reputation could be adversely affected, and we could be subject to legal liability or regulatory enforcement actions, if we or our suppliers are unable to protect against, or effectively respond to, cyberattacks or other cyber incidents.

We depend on the security of our and our suppliers' information technology systems to support numerous business processes and activities, to service our clients, and to enable consumer transactions and postal services. There are numerous cybersecurity risks to these systems, including individual and group criminal hackers, industrial espionage, denial of service attacks, ransomware and malware attacks, attacks on the software supply chain, and employee errors and/or malfeasance. These cyber threats are constantly evolving, thereby increasing the difficulty of preventing, detecting, and successfully defending against them. Successful breaches could, among other things, disrupt our operations or result in the unauthorized disclosure, theft and misuse of company, client, consumer and employee sensitive and confidential information, all of which could adversely affect our financial performance. Cybersecurity breaches could result in financial liability to other parties, governmental investigations, regulatory enforcement actions and penalties, and our brand and reputation could be damaged. Although we maintain insurance coverage relating to cybersecurity incidents, we may incur costs or financial losses that are either not insured against or not fully covered through our insurance.

We have security systems, procedures, and business continuity plans in place-and require our suppliers to have them as well. These security systems, procedures, and business continuity plans are designed to ensure the continuous and uninterrupted performance of our information technology systems, protect against unauthorized access to information or disruption to our services, and minimize the impact of and the time to detect, respond, and recover from a breach should one occur. Despite the protections we have in place, we have suffered cyber-events in the past. In response to these attacks, we implemented a variety of measures to further enhance our cybersecurity protections and minimize the impact of any future attack. None of these systems are fool proof and like all companies, intrusions will occur, and have occurred, from time to time. Our goal is to prevent meaningful incursions and minimize the overall impact of those that occur.

Failure to comply with data privacy and protection laws and regulations could subject us to legal liability and adversely affect our reputation and our financial performance.

Our businesses use, process, and store proprietary information and personal, sensitive, or confidential data relating to our business, clients, and employees. Privacy laws and similar regulations in many jurisdictions where we do business require that we take significant steps to safeguard that information, and these laws and regulations continue to evolve. The scope of the laws that may be applicable to us is often uncertain and may be conflicting. In addition, new laws may add a broad array of requirements on how we handle or use information and increase our compliance obligations. For example, the European Union greatly increased the jurisdictional reach of European Law by enacting the General Data Protection Regulation (GDPR), which, among other things, enhanced an individual's rights with respect to their information and ongoing litigation in the European Union continues to create uncertainty in how to demonstrate compliance. In the United States, several states have enacted different laws regarding personal information and privacy that impose significant new requirements on consumer personal information. Other countries or states may enact laws or regulations in the future that have similar or additional requirements. Although we continually monitor and assess the impact of these laws and regulations, their interpretation and enforcement are uncertain, subject to change, and may require substantial costs to monitor and implement. Failure to comply with data privacy and protection laws and regulations could also result in government enforcement actions (which could include substantial civil and/or criminal penalties) and private litigation, which could adversely affect our reputation and financial performance.

If we or our suppliers encounter unforeseen interruptions or difficulties in the operation of our cloud-based applications, our business could be disrupted, our reputation and relationships may be harmed, and our financial performance could be adversely affected.

Our business relies upon the continuous and uninterrupted performance of our and our suppliers' cloud-based applications and systems to support numerous business processes, to service our clients and to support their transactions with their customers and postal services. Our applications and systems, and those of our partners, may be subject to interruptions due to technological errors, system capacity constraints, software errors or defects, human errors, computer or communications failures, power loss, adverse acts of nature and other unexpected events. We have business continuity and disaster recovery plans in place to protect our business operations in case of such events and we also require our suppliers to have the same. Nonetheless, there can be no guarantee that these plans will function as designed. If we are unable to limit interruptions or successfully correct them in a timely manner or at all, it could result in lost revenue, loss of critical data, significant expenditures of capital, a delay or loss in market acceptance of our services and damage to our reputation, brand and relationships, any of which could have an adverse effect on our business and our financial performance.

Macroeconomic and General Regulatory Risks

Future credit rating downgrades or capital market disruptions could adversely affect our ability to maintain adequate liquidity to provide competitive financing services to our clients and to fund various discretionary priorities.

We provide competitive finance offerings to our clients and fund discretionary priorities, such as business investments, strategic acquisitions, dividend payments and share repurchases through a combination of cash generated from operations, deposits held at the Bank and access to capital markets. Our ability to access U.S. capital markets and the associated cost of borrowing is dependent upon our credit ratings and is subject to capital market volatility. Given our current credit rating, we may experience reduced financial or strategic flexibility and higher costs when we do access the U.S. capital markets. We maintain a \$500 million revolving credit facility that requires we maintain certain financial and nonfinancial covenants.

A significant decline in cash flows, noncompliance with any of the covenants under the revolving credit facility, further credit rating downgrades, material capital market disruptions, significant withdrawals by depositors at the Bank, adverse changes to our industrial loan charter or an increase in our credit default swap spread could impact our ability to maintain adequate liquidity to provide competitive finance offerings to our clients, refinance maturing debt and fund other financing activities, which in turn, could adversely affect our financial performance.

Our Global Ecommerce segment is exposed to increased foreign exchange rate fluctuations.

The sales generated from many of our clients' internationally focused websites running on our cross-border platform are exposed to foreign exchange rate fluctuations. Currently, our platforms are located in the U.S. and the U.K. and a majority of consumers making purchases through these platforms are in a limited number of foreign countries. A strengthening of the U.S. Dollar or British Pound relative to currencies in the countries where we do the most business impacts our ability to compete internationally as the cost of similar international products improves relative to the cost of U.S. and U.K. retailers' products. A strong U.S. Dollar or British Pound would likely result in a decrease in international sales volumes, which would adversely affect the segment's revenue and profitability.

Our operations and financial performance may be negatively affected by changes in trade policies, tariffs and regulations.

Our Global Ecommerce segment is subject to significant trade regulations, taxes, and duties throughout the world. Any changes to these regulations could potentially impose increased documentation and delivery requirements, delay delivery times and subject us to increased costs and additional liabilities, which could adversely affect our financial performance. Within the last four years, the United States increased tariffs for certain goods, which triggered other nations to also increase tariffs on certain of their goods. For our Global Ecommerce segment, tariff increases, or even an environment of uncertainty surrounding trade issues, could reduce demand and adversely affect its financial performance. For our SendTech Solutions segment, increased tariffs resulted in additional costs on certain components used in some of our products.

If we do not keep pace with evolving expectations and regulators in the areas of Environmental, Social and Governance (ESG) and address the potential impact of climate change on our costs and operations, our reputation and results of operations may be adversely affected.

The set of topics incorporated within the term ESG in general, and climate change in particular, cover a range of issues that pose potential risks to our operations. From an environmental perspective, the impact of climate change and a potential increase in extreme weather events may pose risk to the operation of our sortation facilities and the ability to transport mail and packages. The increased focus on alternative energy sources and the need to reduce our carbon footprint over time, could result in higher investments in capital spending and increased operational costs. There are also a series of laws related to product stewardship and waste disposal to which we need to comply. From a "social" perspective, a failure to meet employee expectations around safety and diversity, equity and inclusion could impact our ability to recruit new employees and retain talent. Finally, from a "governance" perspective, if we do not maintain a good governance processes in general or do not satisfy investor stakeholder expectations on ESG, our reputation and attractiveness to portions of the investment community could be adversely affected.

ITEM 1B. UNRESOLVED STAFF COMMENTS

None.

ITEM 2. PROPERTIES

We lease numerous facilities worldwide, including our corporate headquarters located in Stamford, Connecticut, fulfillment centers, parcel operations and mail sortation facilities, service locations, data centers and call centers.

Our Global Ecommerce segment leases four fulfillment centers that comprise the majority of our fulfillment operations. Our Global Ecommerce and Presort Services segments conduct parcel operations and mail sortation operations through a network of over 50 operating centers throughout the United States. Our SendTech Solutions segment leases a manufacturing and distribution facility in Indianapolis. This facility is significant as it stores a majority of the SendTech Solutions products, supplies and inventories.

Should any facility be unable to function as intended for an extended period of time, our ability to service our clients and operating results could be impacted.

We conduct most of our research and development activities in facilities located in Noida and Pune, India and Shelton, Connecticut. Management believes that our facilities are in good operating condition, materially utilized and adequate for our current business needs.

ITEM 3. LEGAL PROCEEDINGS

See Note 16 Commitments and Contingencies for additional information.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

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

Our common stock is principally traded on the New York Stock Exchange (NYSE) under the symbol "PBI". At January 31, 2022, we had 12,812 common stockholders of record.

Share Repurchases

We periodically repurchase shares of our common stock to manage the dilution created by shares issued under employee stock plans and for other purposes. During 2021 and 2020, we did not repurchase any additional shares of our common stock and in 2019, we repurchased 18.6 million shares of our common stock at an aggregate price of \$105 million. At December 31, 2021, we have authorization from our Board of Directors to repurchase up to of \$16 million of our common stock.

Stock Performance Graph

We revised our peer group from last year to exclude companies that were no longer publicly listed on an exchange and to include additional companies to align with our changing business offerings.

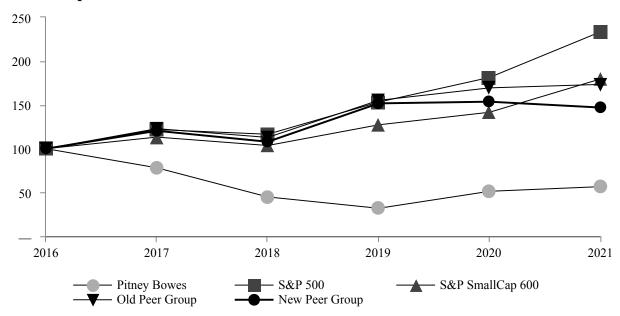
Our new peer group is comprised of: ACCO Brands Corporation, Alliance Data Systems Corporation, Avery Dennison Corporation, Cimpress plc, Deluxe Corporation, Diebold Nixdorf, Incorporated, Etsy, Inc., Fidelity National Information Services, Inc., Fiserv, Inc., Hub Group, Inc., NCR Corporation, Overstock.com, Inc., Rockwell Automation, Inc., Ryder System, Inc., Schneider National, Inc., The Western Union Company, W.W. Grainger, Inc. and Xerox Holdings Corporation.

The old peer group was comprised of: ACCO Brands Corporation, Alliance Data Systems Corporation, Deluxe Corporation, Diebold Nixdorf, Incorporated, Echo Global Logistics, Inc., Fidelity National Information Services, Inc., Fiserv, Inc., Hub Group, Inc., NCR Corporation, R.R. Donnelley & Sons Company, Rockwell Automation, Inc., Stamps.com Inc., The Western Union Company and Xerox Holdings Corporation.

The accompanying graph shows the annual change in the value of a \$100 investment in Pitney Bowes Inc., the Standard and Poor's (S&P) 500 Composite Index, the S&P SmallCap 600 Composite Index, the old peer group and our new peer group over a five-year period assuming the reinvestment of dividends. On a total return basis, a \$100 investment on December 31, 2016 in Pitney Bowes Inc., the S&P 500 Composite Index, the S&P SmallCap 600 Composite Index, the old peer group and our new peer group would have been worth \$57, \$233, \$180, \$173 and \$147 respectively, on December 31, 2021.

All information is based upon data independently provided to us by Standard & Poor's Corporation and is derived from their official total return calculation. Total return for the S&P 500 and S&P SmallCap 600 Composite Indexes and our peer group is based on market capitalization, weighted for each year. The stock price performance is not necessarily indicative of future stock price performance.

Comparison of Cumulative Five Year Total Return to Shareholders



ITEM 6. [RESERVED]

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

The following discussion of our financial condition and operating results should be read in conjunction with our risk factors, consolidated financial statements and related notes. This discussion includes forward-looking statements based on management's current expectations, estimates and projections and involves risks and uncertainties. Actual results may differ significantly from those currently expressed. A detailed discussion of risks and uncertainties that could cause actual results to differ materially from such forward-looking statements is outlined under "Forward-Looking Statements" and "Item 1A. Risk Factors" in this Form 10-K. All table amounts are presented in thousands of dollars.

Throughout this discussion, we refer to revenue growth on a constant currency basis. Constant currency measures exclude the impact of changes in currency exchange rates from the prior period under comparison. We believe that excluding the impacts of currency exchange rates provides investors a better understanding of the underlying revenue performance. Constant currency change is calculated by converting the current period non-U.S. dollar denominated revenue using the prior year's exchange rate. Where constant currency measures are not provided, the actual change and constant currency change are the same.

Management measures segment profitability and performance using segment earnings before interest and taxes (EBIT). Segment EBIT is calculated by deducting from segment revenue the related costs and expenses attributable to the segment. Segment EBIT excludes interest, taxes, general corporate expenses, restructuring charges, asset and goodwill impairment charges and other items not allocated to a business segment. Management believes that it provides investors a useful measure of operating performance and underlying trends of the business. Segment EBIT may not be indicative of our overall consolidated performance and therefore, should be read in conjunction with our consolidated results of operations.

A discussion of our financial condition and results of operations for the year ended December 31, 2019, can be found under Item 7 "Management's Discussion and Analysis of Financial Condition and Results of Operations" in our Annual Report on Form 10-K for the fiscal year ended December 31, 2020, filed with the SEC on February 19, 2021.

OverviewFinancial Results Summary - Year Ended December 31:

	Revenue			
		Years Ended l	December 31,	
	2021	2020	Actual % change	Constant Currency % Change
Business services	\$2,334,674	\$ 2,191,306	7 %	6 %
Support services	460,888	473,292	(3)%	(3)%
Financing	294,418	341,034	(14)%	(15)%
Equipment sales	350,138	314,882	11 %	10 %
Supplies	159,438	159,282	— %	(1)%
Rentals	74,005	74,279	%	(1)%
Total revenue	\$3,673,561	\$ 3,554,075	3 %	3 %

	Revenue				
Y	ears Ended D	ecember 31	,		
2021	2020	Actual % change	Constant currency % change		
\$1,702,580	\$ 1,618,897	5 %	4 %		
573,480	521,212	10 %	10 %		
1,397,501	1,413,966	(1)%	(2)%		
\$3,673,561	\$ 3,554,075	3 %	3 %		
	2021 \$1,702,580 573,480 1,397,501	2021 2020 \$1,702,580 \$1,618,897 573,480 521,212 1,397,501 1,413,966	Years Ended December 31. 2021 2020 Actual % change \$1,702,580 \$1,618,897 5 % 573,480 521,212 10 % 1,397,501 1,413,966 (1)%		

Ye	ars E	nded Decem	ber 31,
2021		2020	% change
Global Ecommerce \$ (98,6	73)	\$ (82,894)	(19)%
Presort Services 79,7	21	55,799	43 %
SendTech Solutions 429,4	15_	442,648	(3)%
Total Segment EBIT \$ 410,4	53 5	\$ 415,553	(1)%

Revenue increased 3% in 2021 compared to 2020. Business services revenue, which primarily includes revenue from Presort Services and Global Ecommerce, increased 7% (6% at constant currency) compared to the prior year. Presort Services revenue increased 10% primarily due to higher mail volumes, pricing actions and investments made in the network and technology to enable a higher level of five-digit sortation services. Global Ecommerce revenue increased 5% (4% at constant currency) primarily due to higher cross-border volumes. SendTech Solutions revenue declined 1% (2% at constant currency) primarily due to lower financing revenue and support services revenue, partially offset by higher equipment sales. Financing revenue declined 14% (15% at constant currency) primarily due to lower lease extensions and lower fee income and prior year gains from the sales of investment securities. Support services revenue declined 3% driven by a declining meter population and a shift to cloud-enabled products. Equipment sales increased 11% (10% at constant currency) primarily due to the effect of COVID-19 on prior year equipment sales.

Segment EBIT in 2021 decreased 1% compared to 2020. Global Ecommerce EBIT declined 19% primarily due to a \$14 million unfavorable vendor price adjustment driven by lower domestic parcel delivery volumes, SendTech Solutions EBIT decreased 3% primarily driven by a decline in revenue, and Presort Services EBIT increased 43% primarily due to higher revenue and improved productivity from investments made in the network and technology. Refer to Results of Operations section for further information.

Outlook

We continue to invest in market opportunities and new solutions and services across all our businesses, optimizing our operations and implementing cost savings initiatives to drive long-term value. During 2021, we invested significantly in our facilities, network and technologies to expand operations, improve productivity and gain economies of scale. Going forward, we will focus our investments on gaining further network efficiencies and economies of scale within our Global Ecommerce and Presort Services operations and in market opportunities and new solutions and services across all our businesses. Our portfolio continues to shift to higher growth, lower margin, markets. As we continue to invest in Global Ecommerce with a view to, and ahead of, our expectations for long term growth, it is possible that near term margins will be under pressure. However, we expect margins to improve as we build scale and realize the full benefits of our investments and optimizations.

The impacts of COVID-19 on our businesses and financial results remain uncertain. Supply chain issues continue to pose challenges for us and our clients' ability to meet their customers' demand. These supply chain issues could continue to impact our customers' behavior as well as that of end consumers, which could impact our shipping and delivery volumes. The duration and severity of these supply chain issues is unknown and unpredictable. There are some unique factors not within our control that could affect our business; however, we believe we can navigate the current conditions and will continue to take proactive steps to manage our operations and mitigate related financial impacts.

On a consolidated basis, we expect revenue growth in the low to mid-single digit range in 2022 compared to 2021. Within Global Ecommerce, we anticipate revenue growth in 2022 and margin and profit improvements from pricing initiatives and productivity improvements from the benefits of the investments we made in our facilities and network. However, we also expect continued growth of the market's need for transportation services and labor to generate increased costs. Within Presort Services, we expect revenue growth in 2022 and margin and profit improvements as productivity initiatives, increased automation and facilities consolidation and optimization will more than offset expected higher labor and transportation costs. Within SendTech Solutions, we expect overall revenue to decline, growth in our cloud-enabled shipping solutions and margins to remain strong.

RESULTS OF OPERATIONS

REVENUE AND SEGMENT EBIT

Global Ecommerce

Global Ecommerce includes the revenue and related expenses from domestic parcel services, cross-border solutions and digital delivery services.

			Revenue	2			Cost of	Reve	nue	Gross M	argin
	Years Ended December 31,						Years Ended	Dece	mber 31,	Years Ended D	ecember 31,
	2021		2020	Actual % change	Constant Currency % change		2021		2020	2021	2020
Business services	\$ 1,702,580	\$	1,618,897	5 %	4 %	\$	1,577,628	\$	1,480,612	7.3 %	8.5 %

		Segn	ient EBIT	
	Years	End	ed December 3	1,
	2021		2020	Actual % change
Segment EBIT	\$ (98,673)	\$	(82,894)	(19)%

Global Ecommerce revenue increased 5% as reported (4% at constant currency) in 2021 compared to 2020 due to revenue growth of 7% from higher cross-border volumes, partially offset by revenue decline of 2% from lower domestic parcel delivery volumes.

Total gross margin declined \$13 million and gross margin percentage declined to 7.3% from 8.5% primarily due to a \$14 million unfavorable vendor price adjustment driven by lower domestic parcel delivery volumes and higher transportation, postal and labor costs, partially offset by the impact of higher revenue.

Segment EBIT for 2021 was a loss of \$99 million compared to a loss of \$83 million in the prior year. The increase in EBIT loss was driven by the decline in gross margin and \$2 million in higher operating expenses.

Presort Services

Presort Services includes revenue and related expenses from sortation services to qualify large volumes of First Class Mail, Marketing Mail, Marketing Mail Flats and Bound Printed Matter for postal worksharing discounts.

	 Revenue						Cost of	Reve	nue	Gross M	argin
		Years Ended December 31,					Years Ended	Dece	mber 31,	Years Ended De	ecember 31,
	2021		2020	Actual % change	Constant Currency % change		2021 2020			2021	2020
Business services	\$ 573,480	\$	521,212	10 %	10 %	\$	431,382	\$	402,599	24.8 %	22.8 %

		Segm	ent EBI I	
	 Years	Ende	d December 3	31,
	2021		2020	Actual % change
Segment EBIT	\$ 79,721	\$	55,799	43 %

Presort Services revenue increased 10% in 2021 compared to 2020. The processing of Marketing Mail, First Class Mail and Marketing Mail Flats and Bound Printed Matter contributed revenue growth of 5%, 4% and 1%, respectively, primarily due to the impact of increased mail volumes, improvements in five-digit sortation, pricing actions and benefits from the impacts of COVID-19 that adversely affected mail volumes in 2020.

Gross margin increased \$23 million and gross margin percentage increased to 24.8% from 22.8% primarily due to the increase in revenue and improved productivity, partially offset by increased labor and transportation costs of \$16 million and \$6 million, respectively, due to increased competition and demand for these resources.

Segment EBIT increased \$24 million or 43% in 2021 compared to 2020 due to the increase in revenue and gross margin.

SendTech Solutions

SendTech Solutions includes the revenue and related expenses from physical and digital mailing and shipping technology solutions, financing, services, supplies and other applications to help simplify and save on the sending, tracking and receiving of letters, parcels and flats.

				Revenue	e			Cost of	Reve	nue	Gross M	argin	
	Years Ended December 31,							Years Ended	Dece	ember 31,	Years Ended D	ecember 31,	
	2021		2020		Actual % change	Constant Currency % change		2021		2020	2021	2020	
Business services	\$	58,614	\$	51,197	14 %	15 %	\$	25,174	\$	20,694	57.1 %	59.6 %	
Support services		460,888		473,292	(3)%	(3)%		147,716		148,293	67.9 %	68.7 %	
Financing		294,418		341,034	(14)%	(15)%		47,059		48,162	84.0 %	85.9 %	
Equipment sales		350,138		314,882	11 %	10 %		251,714		234,987	28.1 %	25.4 %	
Supplies		159,438		159,282	— %	(1)%		43,980		41,679	72.4 %	73.8 %	
Rentals		74,005		74,279	%	(1)%		24,427		25,600	67.0 %	65.5 %	
Total	\$	1,397,501	\$	1,413,966	(1)%	(2)%	\$	540,070	\$	519,415	61.4 %	63.3 %	

		Segn	ent EBIT									
	 Years Ended December 31,											
	2021		2020	Actual % change								
Segment EBIT	\$ 429,415	\$	442,648	(3)%								

SendTech Solutions revenue decreased 1% (2% at constant currency) in 2021 compared to 2020. Financing revenue declined 14% (15% at constant currency) primarily due to lower lease extensions of \$18 million as more clients opted to lease new equipment rather than simply extend leases on existing equipment, lower fee income of \$10 million and a prior year gain of \$10 million from sales of investment securities. Support services revenue declined 3% primarily due to a declining meter population and shift to cloud-enabled products, which generally require less service due to ease of use. Partially offsetting these decreases, equipment sales increased 11% (10% at constant currency), primarily due to the adverse impact on demand and our inability to perform on-site service and installations in the prior year due to COVID-19 and business services revenue increased 14% (15% at constant currency) primarily due to growth in our shipping products.

Gross margin decreased to 61.4% from 63.3% in the prior year primarily due to declines in financing and support services gross margin, partially offset by an increase in equipment sales gross margin. Financing gross margin decreased to 84.0% from 85.9% due to declining revenue and rising interest rates. Support services gross margin decreased to 67.9% from 68.7% primarily due to the decline in revenue. Equipment sales gross margin increased to 28.1% from 25.4% primarily driven by lower engineering costs.

Segment EBIT decreased \$13 million, or 3% in 2021 compared to 2020, primarily driven by the decline in gross margin of \$38 million, partially offset by lower credit loss provision of \$23 million.

UNALLOCATED CORPORATE EXPENSES

The majority of our selling, general and administrative (SG&A) expense is recorded directly or allocated to our reportable segments. SG&A expenses not recorded directly or allocated to our reportable segments are reported as unallocated corporate expenses. Unallocated corporate expenses primarily represents corporate administrative functions such as finance, marketing, human resources, legal, information technology and innovation.

		Years	Years Ended December 31, Actual % 21 2020 change		
					Actual % change
Inallocated corporate expenses	\$	207,774	\$	200,406	4 %

Unallocated corporate expenses in 2021 increased 4% compared to the prior year primarily driven by higher employee-related expenses of \$5 million and higher insurance costs of \$5 million.

CONSOLIDATED EXPENSES

Selling, general and administrative

SG&A expense of \$924 million in 2021 decreased 4%, or \$39 million, compared to 2020, primarily due to lower credit loss provision of \$34 million and lower professional fees of \$16 million, partially offset by higher employee-related expenses of \$24 million.

Research and development (R&D)

R&D expense increased 22%, or \$8 million in 2021 compared to 2020, primarily due to investments in our Global Ecommerce segment.

Restructuring charges and asset impairments

Restructuring charges and asset impairments for the year ended December 31, 2021 were \$19 million and primarily includes costs for employee severance and facility closures. See Note 12 to the Consolidated Financial Statements for further information.

Other components of net pension and postretirement cost (income)

Other components of net pension and postretirement cost (income) for the year ended December 31, 2021 was \$1 million. The amount of other components of net pension and postretirement cost (income) recognized each year will vary based on actuarial assumptions and actual results of our pension plans. See Note 14 to the Consolidated Financial Statements for further information.

Other expense, net

Other expense for the year ended December 31, 2021 was \$42 million and includes a \$56 million loss from the refinancing of debt, a \$10 million gain from the sale of a business, \$3 million of insurance proceeds and a \$1 million gain from an asset sale. See Note 11 to the Consolidated Financial Statements for further information.

INCOME TAXES AND DISCONTINUED OPERATIONS

Income taxes

The effective tax rate for 2021 includes benefits of \$7 million from the resolution of tax matters, \$5 million due to tax legislation in the U.K., \$3 million from an affiliate reorganization and \$2 million from the vesting of restricted stock, partially offset by a charge of \$6 million on the pre-tax gain of \$10 million from the sale of a business as the tax basis was lower than the book basis and a charge of \$1 million for the write-off of deferred tax assets associated with the expiration of out-of-the-money stock options. See Note 15 to the Consolidated Financial Statements for further information.

Discontinued operations, net of tax

Loss from discontinued operations, net of tax for 2021 of \$5 million includes adjustments related to the sale of our Software Solutions business in 2019 and Production Mail business in 2018. See Note 4 to the Consolidated Financial Statements for further information.

LIQUIDITY AND CAPITAL RESOURCES

At December 31, 2021 we had cash, cash equivalents and short-term investments of \$747 million, which includes \$162 million held at our foreign subsidiaries used to support the liquidity needs of those subsidiaries. Our ability to maintain adequate liquidity for our operations is dependent upon a number of factors, including our revenue and earnings, our clients ability to pay their balances on a timely basis, the impacts of COVID-19 on macroeconomic conditions and our ability to take further cost savings and cash conservation measures if necessary. At this time, we believe that existing cash and investments, cash generated from operations and borrowing capacity under our \$500 million revolving credit facility will be sufficient to fund our cash needs for the next 12 months.

Cash Flow Summary

The change in cash and cash equivalents is as follows:

	2021	2020	Increase/ (decrease)		
Net cash from operating activities	\$ 301,515	\$ 301,972	\$ (457)		
Net cash from investing activities	(155,251)	(75,692)	(79,559)		
Net cash from financing activities	(330,371)	(235,371)	(95,000)		
Effect of exchange rate changes on cash and cash equivalents	(4,863)	6,099	(10,962)		
Change in cash and cash equivalents	\$ (188,970)	\$ (2,992)	\$ (185,978)		

Operating activities

Cash provided by operating activities in 2021 of \$302 million was flat compared to the prior year. Cash flow from operations was positively impacted by \$3 million from changes in working capital and by \$38 million due to a tax payment related to a discontinued operation in the prior year. These improvements in cash were offset by lower earnings before noncash charges.

Investing activities

Cash used in investing activities for 2021 increased \$80 million compared to the prior year, primarily due to higher capital expenditures as we invested significantly during the year in our facilities, our network and technologies to expand operations, improve productivity and gain economies of scale in our Global Ecommerce and Presort Services operations. In 2020, we prioritized and limited our capital expenditures in connection with COVID-19.

Net cash from investing activities in 2021 also benefited by \$43 million from the timing of purchases and maturities of investment securities, but was negatively impacted by lower proceeds from the sale of assets and businesses of \$29 million and higher acquisition spending of \$8 million. Proceeds from the sale of assets and businesses in 2021 includes \$28 million from the sale of a business and \$2 million of asset sales, while proceeds in 2020 included \$46 million from the surrender of company-owned life insurance policies and \$12 million from the sale of an equity investment. In November 2021, we acquired CrescoData, a Platform-as-a-Service business, for \$15 million.

Financing activities

Cash used in financing activities for 2021 increased \$95 million compared to the prior year primarily due to higher net repayments of debt of \$61 million, higher premiums and fees paid to refinance debt of \$18 million and a reduction in reserve deposits of \$11 million.

Debt Activity

In 2021, we refinanced a significant amount of our near-term maturities, reducing our total debt and extending our maturity profile. Specifically, we issued a \$400 million 6.875% unsecured note due March 2027, a \$350 million 7.25% unsecured note due March 2029 and entered into a seven-year \$450 million secured term loan maturing March 2028. We redeemed all the October 2021 notes, an aggregate \$363 million of the May 2022 notes, April 2023 notes and March 2024 notes under a tender offer, the remaining balance of the May 2022 notes and the remaining balance of the January 2025 term loan. We also extended the maturities of our \$500 million secured revolving credit facility and our \$380 million secured term loan from November 2024 to March 2026. A \$56 million pre-tax loss was incurred on the refinancing of debt.

In connection with the refinancing, we terminated interest rate swap agreements with an aggregate notional amount of \$500 million and entered into new interest rate swap agreements with an aggregate notional amount of \$200 million. Under the terms of the new swap agreements, we pay fixed-rate interest of 0.56% and receive variable-rate interest based on one-month LIBOR. The variable interest rate under the term loans and the swaps reset monthly.

The credit agreement that governs the revolving credit facility and term loans contains financial and non-financial covenants. At December 31, 2021, we were in compliance with all covenants and there were no outstanding borrowings under the revolving credit facility.

Future Cash Requirements

The following table summarizes our known and contractually committed cash requirements at December 31, 2021 (in millions):

	_	Payments due in													
		Total		2022		2023		2024		2025		2026		Thereafter	
Debt maturities	\$	2,365	\$	25	\$	120	\$	282	\$	43	\$	261	\$	1,634	
Lease obligations		286		53		47		42		34		29		81	
Purchase obligations		240		240		_		_		_		_		_	
Retiree medical payments		104		13		12		12		11		11		45	
Total	\$	2,995	\$	331	\$	179	\$	336	\$	88	\$	301	\$	1,760	

Debt

We have debt with a principal balance of \$2.4 billion outstanding at December 31, 2021. Approximately 74% of this debt is at fixed rates, including the effect of interest rate swaps, and the remaining 26% of debt is at variable rates based on LIBOR or other similar rates. The weighted average interest rate of our variable rate debt at December 31, 2021 was 3.1%. We estimate that cash interest payments for the next 12 months will be \$130 - \$140 million.

Required debt repayments over the next 12 months are \$25 million and we do not have material principal maturities until 2024. Accordingly, we do not anticipate the need to access the U.S. capital markets in the next 12 months. See Note 13 to the Consolidated Financial Statements for information regarding our debt.

Lease obligations

We lease real estate and equipment under operating and capital lease arrangements. These leases have terms of up to 15 years and include renewal options.

In November 2021, we entered into an agreement to sell our Shelton, Connecticut facility for approximately \$50 million and simultaneously enter into a ten year lease agreement. Total base lease payments over the ten-year term will be approximately \$41 million and are not included in the table above. This transaction is expected to close in the first quarter of 2022. Additionally, lease payments in the table above do not include \$21 million of payments for leases signed but not yet commenced at December 31, 2021. See Note 8 and Note 17 to the Consolidated Financial Statements for further information.

Purchase obligations

Purchase obligations include unrecorded agreements to purchase goods and services that are enforceable and legally binding upon us and that specify all significant terms, including fixed or minimum quantities to be purchased; fixed, minimum or variable price provisions; and the approximate timing of the transaction. Purchase obligations exclude agreements that are cancellable without penalty.

In addition to the above known and contractually committed cash payments, we anticipate using cash for the following items:

Capital Expenditures

We continue to invest in our facilities, products, solutions and technology to grow our businesses, gain additional economies of scale, provide new and innovative products and solutions and compete effectively in our markets. Capital expenditures are evaluated and approved by senior leadership based on several factors, including expected impacts on revenue growth, productivity enhancements, service improvements and cost savings.

Capital expenditures totaled \$184 million and \$105 million for the years ended December 31, 2021 and 2020, respectively. During 2021, we invested significantly in our facilities, network and technologies to expand operations, improve productivity and gain economies of scale in our Global Ecommerce and Presort operations. In 2020, in response to COVID-19, we prioritized and limited our capital expenditures.

Dividends

We have historically paid a quarterly dividend to our shareholders. Each quarter, our Board of Directors considers our recent and projected earnings and other capital needs and priorities in deciding whether to approve a dividend. We expect to continue to pay a quarterly dividend of \$0.05 per share; however, our Board of Directors may decide to increase or decrease this amount or to not approve the payment of a dividend at any time and for any reason without notice. Assuming the current \$0.05 per quarter dividend payment, we estimate that dividend payments will be approximately \$35 million in 2022. There are no material restrictions on our ability to declare dividends.

Share Repurchases

We may repurchase shares of our common stock to manage the dilution created by shares issued under employee stock plans and for other purposes. At December 31, 2021, we have authorization from our Board of Directors to repurchase up to of \$16 million of our common stock. As of February 16, 2022, we have spent \$8 million to repurchase 1.5 million shares of our common stock.

Off Balance Sheet Arrangements

At December, 31, 2021, we had approximately \$25 million outstanding letters of credit guarantees with financial institutions that are primarily issued as security for insurance, leases, customs and other performance obligations. In general, we would only be liable for the amount of these guarantees in the event of default in the performance of our obligations, the probability of which we believe is remote.

Critical Accounting Estimates

The preparation of our financial statements in conformity with GAAP requires management to make estimates and assumptions about certain items that affect the reported amounts of assets, liabilities, revenues, expenses and accompanying disclosures, including the disclosure of contingent assets and liabilities. The accounting policies below have been identified by management as those policies that are most critical to our financial statements due to the estimates and assumptions required. Management believes that the estimates and assumptions used are reasonable and appropriate based on the information available at the time the financial statements were prepared; however, actual results could differ from those estimates and assumptions. See Note 1 to the Consolidated Financial Statements for a summary of our accounting policies.

Revenue recognition

We derive revenue from multiple sources including the sale and lease of equipment, equipment rentals, financing, support services and business services. Certain transactions are consummated at the same time and can therefore generate revenue from multiple sources. The most common form of these arrangements involves a sale or noncancelable lease of equipment, meter services and an equipment maintenance agreement. We are required to determine whether each product and service within the contract should be treated as a separate performance obligation (unit of accounting) for revenue recognition purposes. We recognize revenue for performance obligations when control is transferred to the customer. Transfer of control may occur at a point in time or over time, depending on the nature of the contract and the performance obligation.

Revenue is allocated among performance obligations based on relative standalone selling prices (SSP), which are a range of selling prices that we would sell the good or service to a customer on a separate basis. SSP are established for each performance obligation at the inception of the contract and can be observable prices or estimated. Revenue is allocated to the meter service and equipment maintenance agreement elements using their respective observable selling prices charged in standalone and renewal transactions. For sale and lease transactions, the SSP of the equipment is based on a range of observable selling prices in standalone transactions. We recognize revenue on non-lease transactions when control of the equipment transfers to the customer, which is upon delivery for customer installable models and upon installation or customer acceptance for other models. We recognize revenue on equipment for lease transactions upon shipment for customer installable models and upon installation or customer acceptance for other models.

Impairment review

Goodwill is tested annually for impairment at the reporting unit level during the fourth quarter or sooner if circumstances indicate an impairment may exist. The impairment test for goodwill determines the fair value of each reporting unit and compares it to the reporting unit's carrying value, including goodwill. If the fair value of a reporting unit is less than its carrying value, an impairment loss is recognized for the difference, not to exceed the carrying amount of goodwill.

Testing goodwill for impairment requires us to identify our reporting units and assign assets and liabilities, including goodwill, to each reporting unit. The fair value of a reporting unit is based on one or a combination of techniques, which include a discounted cash flow model, multiples of competitors, and/or multiples from sales of like businesses. To determine fair value using a discounted cash flow model, management's cash flow projections include significant judgements and assumptions relating to revenue growth rates, projected operating income and discount rate. Changes in any of these estimates or assumptions could materially affect the determination of fair value and the associated goodwill impairment assessment for each reporting unit. Events and circumstances that could materially impact the fair value determination of a reporting unit and potentially result in a non-cash impairment charge in future periods, include, but are not limited to, changing consumer behaviors, our ability to manage volumes, gain economies of scale and improve profitability in the Global Ecommerce business, prolonged supply chain issues, inflation and rising interest rates.

Long-lived and finite-lived intangible assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount may not be fully recoverable. The estimated future undiscounted cash flows expected to result from the use and eventual disposition of the assets is compared to the carrying value. If the sum of the undiscounted cash flows is less than the asset's carrying value, an impairment charge is recorded for an amount by which the carrying value exceeds its fair value. The fair value of the impaired asset is determined using probability weighted expected cash flow estimates, quoted market prices when available and appraisals, as appropriate. We derive the cash flow estimates from our long-term business plans and historical experience. Changes in the estimates and assumptions incorporated in our impairment assessment could materially affect the determination of fair value and the associated impairment charge.

Allowances for credit losses

Finance receivables are comprised of sales-type leases, secured loans and unsecured revolving loans. We provide an allowance for probable credit losses based on historical loss experience, adverse situations that may affect a client's ability to pay and current economic conditions and outlook based on reasonable and supportable forecasts.

Total allowance for credit losses as a percentage of finance receivables was 2% at December 31, 2021 and 3% at December 31, 2020. Holding all other assumptions constant, a 0.25% change in the allowance rate at December 31, 2021 would have reduced pre-tax income by \$3 million.

Trade accounts receivable are generally due within 30 days after the invoice date. Accounts deemed uncollectible are written off against the allowance after all collection efforts have been exhausted and management deems the account to be uncollectible. We believe that our accounts receivable credit risk is low because of the geographic and industry diversification of our clients and small account balances for most of our clients.

The allowance for credit losses as a percentage of trade accounts receivables was 3% at December 31, 2021 and 5% at December 31, 2020. Holding all other assumptions constant, a 0.25% change in the allowance rate at December 31, 2021 would have reduced pre-tax income by \$1 million.

Income taxes and valuation allowance

We are subject to income taxes in the U.S. and numerous foreign jurisdictions. Our annual tax rate is based on income, statutory tax rates, tax reserve changes and tax planning opportunities available to us in the various jurisdictions in which we operate. Significant judgment is required in determining the annual tax rate and in evaluating our tax positions. We regularly assess the likelihood of tax adjustments in each of the tax jurisdictions in which we have operations and account for the related financial statement implications. We have established tax reserves that we believe are appropriate given the possibility of tax adjustments. Determining the appropriate level of tax reserves requires judgment regarding the uncertain application of tax laws. Reserves are adjusted when information becomes available or when an event occurs indicating a change in the reserve is appropriate. Changes in tax reserves could have a material impact on our financial condition or results of operations.

Significant judgment is also required in determining the amount of deferred tax assets that will ultimately be realized and corresponding deferred tax asset valuation allowance. When estimating the necessary valuation allowance, we consider all available evidence for each jurisdiction including historical operating results, estimates of future taxable income and the feasibility of ongoing tax planning strategies. If new information becomes available that would alter our estimate of the amount of deferred tax assets that will ultimately be realized, we adjust the valuation allowance through income tax expense. Changes in the deferred tax asset valuation allowance could have a material impact on our financial condition or results of operations.

Pension benefits

The calculation of net periodic pension expense and determination of net pension obligations are dependent on assumptions and estimates relating to, among other things, the discount rate (interest rate used to discount the future estimated liability) and the expected rate of return on plan assets. These assumptions are evaluated and updated annually.

The discount rate for our largest plan, the U.S. Qualified Pension Plan (the U.S. Plan) and our largest foreign plan, the U.K. Qualified Pension Plan (the U.K. Plan) used in the determination of net periodic pension expense for 2021 was 2.55% and 1.30%, respectively. For 2022, the discount rate used in the determination of net periodic pension expense for the U.S. Plan and the U.K. Plan will be 2.85% and 1.85%, respectively. A 0.25% change in the discount rate would not materially impact annual pension expense for the U.S. Plan or the U.K. Plan. A 0.25% change in the discount rate would impact the projected benefit obligation of the U.S. Plan and U.K. Plan by \$45 million and \$27 million, respectively.

The expected rate of return on plan assets used in the determination of net periodic pension expense for 2021 was 5.60% for the U.S. Plan and 4.75% for the U.K. Plan. For 2022, the expected rate of return on plan assets used in the determination of net periodic pension expense for the U.S. Plan will be 5.10% and the U.K. Plan will be 4.0%. A 0.25% change in the expected rate of return on plan assets would impact annual pension expense for the U.S. Plan by \$4 million and the U.K. Plan by \$1 million.

Actual pension plan results that differ from our assumptions and estimates are accumulated and amortized primarily over the life expectancy of plan participants and affect future pension expense. Net pension expense is also based on a market-related valuation of plan assets where differences between the actual and expected return on plan assets are recognized over a five-year period. Plan benefits for participants in a majority of our U.S. and foreign pension plans are frozen.

Residual value of leased assets

Equipment residual values are determined at the inception of the lease using estimates of the equipment's fair value at the end of the lease term. Residual value estimates impact the determination of whether a lease is classified as an operating lease or a sales-type lease. Fair value estimates of equipment at the end of the lease term are based on historical renewal experience, used equipment markets, competition and technological changes.

We evaluate residual values on an annual basis or sooner if circumstances warrant. Declines in estimated residual values considered "other-than-temporary" are recognized immediately. Increases in estimated future residual values are not recognized until the equipment is remarketed. If the actual residual value of leased assets were 10% lower than management's current estimates and considered "other-than-temporary", pre-tax income would be \$5 million lower.

Legal and Regulatory Matters

See *Regulatory Matters* in Item 1, *Other Tax Matters* in Note 15 to the Consolidated Financial Statements for regulatory matters regarding our tax returns and Note 16 to the Consolidated Financial Statements for information regarding our legal proceedings.

Foreign Currency Exchange

The functional currency for most of our foreign operations is the local currency. Changes in the value of the U.S. dollar relative to the currencies of countries in which we operate impact our reported assets, liabilities, revenue and expenses. Exchange rate fluctuations can also impact the settlement of intercompany receivables and payables between our subsidiaries in different countries. During 2021, 15% of our consolidated revenue was from operations outside the United States and the translation of foreign currencies to the U.S. dollar did not have a material impact on revenues or operating results for the year ended December 31, 2021.

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

We are exposed to market risks primarily from changes in foreign currency exchange rates and interest rates. To manage these market risks, we employ derivatives according to established policies and procedures, including foreign currency contracts and interest rate swaps. We do not use derivatives for speculative purposes. We are also exposed to credit risk on our accounts receivable and finance receivable portfolio.

Foreign Exchange Risk

Our foreign currency risks include the translation of local currency balances of foreign subsidiaries and transaction gains and losses associated with intercompany loans, transactions denominated in currencies other than a location's functional currency and forecasted inventory purchases between affiliates and third parties. Our objective in managing exposure to foreign currency is to reduce the volatility in earnings and cash flows associated with fluctuations in foreign currency exchange rates. The principal currencies actively hedged are the British Pound, Canadian Dollar and the Euro.

At December 31, 2021 and 2020, we had outstanding foreign currency exchange rate contracts to mitigate the currency risk associated with forecasted inventory purchases between affiliates and third parties. These contracts are designated as cash flow hedges and changes in fair value are recognized in accumulated other comprehensive income, a component of stockholders' equity. At December 31, 2021 and 2020, we also had outstanding foreign currency exchange rate contracts to mitigate the currency risk associated with intercompany loans and related interest denominated in foreign currencies. These contracts are not designated as hedging instruments and changes in fair value of the derivative contract and transaction gains and losses associated with the revaluation of the intercompany loans are recorded in earnings. Changes in the fair values of foreign currency derivative contracts recognized in earnings are generally offset by transaction gains and losses on the underlying intercompany loans.

Interest Rate Risk

We are exposed to interest rate risk principally in relation to our variable-rate debt borrowings. At December 31, 2021 and 2020, 26% and 27% or our debt was at variable rates, respectively. The weighted average interest rate of our variable rate debt at December 31, 2021 and 2020 was 3.1% and 4.5%, respectively. A 100 basis point change in the effective interest rate of our variable rate debt in 2021 would have increased interest expense approximately \$6 million.

We also maintain a significant investment portfolio comprised of fixed-rate interest-bearing money market funds, government and municipal securities, corporate securities and mortgage and asset-backed securities. Changes in interest rates impact the fair value of these investments; however, these securities are designated as available-for-sale, and changes in fair value due to changes in interest rates are recognized as accumulated other comprehensive income, a component of equity, and does not impact net income. We have the intent and ability to hold securities to maturity and therefore, do not expect to recognize impairment losses on investment securities in an unrealized loss position.

Credit Risk

We are exposed to credit risk on our accounts receivable and finance receivable balances. This risk is mitigated due to our large, diverse client base, dispersed over various geographic regions and industrial sectors. No single client comprised more than 10% of our consolidated net sales in 2021 or 2020. We maintain provisions for potential credit losses based on historical experience, age of

receivable, current economic conditions and future outlook and other relevant factors that may impact our customers' ability to pay. We continually evaluate the adequacy of our allowance for credit losses and adjust as necessary.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

See "Index to Consolidated Financial Statements and Schedules" in this Form 10-K.

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

We maintain disclosure controls and procedures (as defined in Rule 13a-15(e) and Rule 15d-15(e) under the Securities Exchange Act of 1934, as amended (the Exchange Act)), that are designed to reasonably assure that information required to be disclosed in reports filed or submitted under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms, and to reasonably assure that such information is accumulated and communicated to management, including our Chief Executive Officer (CEO) and Chief Financial Officer (CFO), to allow timely decisions regarding required disclosure.

Any system of controls and procedures, no matter how well designed and operated, can provide only reasonable (and not absolute) assurance of achieving the desired control objectives. Under the direction of our CEO and CFO, management evaluated the effectiveness of the design and operation of our disclosure controls and procedures as required by Rule 13a-15 or Rule 15d-15 under the Exchange Act. Notwithstanding this caution, the CEO and CFO have reasonable assurance that the disclosure controls and procedures were effective as of December 31, 2021.

Management's Report on Internal Control over Financial Reporting

Management is responsible for establishing and maintaining adequate internal control over financial reporting as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act. Management assessed the effectiveness of the internal control over financial reporting as of December 31, 2021 under the criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) in *Internal Control - Integrated Framework (2013)* and concluded that the internal control over financial reporting was effective.

The effectiveness of our internal control over financial reporting as of December 31, 2021 has been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, as stated in their report in this Form 10-K.

Changes in Internal Control over Financial Reporting

There have been no changes in our internal control over financial reporting during the three months ended December 31, 2021, that have materially affected, or are reasonably likely to materially affect, such internal control over financial reporting.

ITEM 9B. OTHER INFORMATION

None.

ITEM 9C. DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONS

None.

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

Other than information regarding our executive officers disclosed in Part I of this Annual Report, the information required by this Item is incorporated by reference to our Proxy Statement to be filed in connection with the 2022 Annual Meeting of Stockholders.

Code of Ethics

We have Business Practices Guidelines (BPG) that apply to all our officers and other employees and a Code of Business Conduct and Ethics (the Code) that applies to our Board of Directors. The BPG and the Code are posted on our corporate governance website located at www.pb.com/us/our-company/leadership-and-governance/corporate-governance.html. Amendments to either the BPG or the Code and any waiver from a provision of the BPG or the Code requiring disclosure will be disclosed on our corporate governance website.

Audit Committee - Audit Committee Financial Expert

The information regarding the Audit Committee, its members and the Audit Committee financial experts is incorporated by reference to our Proxy Statement to be filed in connection with the 2022 Annual Meeting of Stockholders.

ITEM 11. EXECUTIVE COMPENSATION

The information required by this Item is incorporated by reference to our Proxy Statement to be filed in connection with the 2022 Annual Meeting of Stockholders.

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

EQUITY COMPENSATION PLAN INFORMATION TABLE

The following table provides information as of December 31, 2021 regarding the number of shares of common stock that may be issued under our equity compensation plans.

(0)

Plan Category	(a) Number of securities to be issued upon exercise of outstanding options, warrants and rights	(b) Weighted-average exercise price of outstanding options, warrants and rights	Number of securities remaining available for future issuance under equity compensation plans excluding securities reflected in column (a)
Equity compensation plans approved by security holders	11,120,069	\$10.64	119,940,056
Equity compensation plans not approved by security holders			_
Total	11,120,069	\$10.64	119,940,056

Other than information regarding securities authorized for issuance under equity compensation plans, the information required by this Item is incorporated by reference to our Proxy Statement to be filed in connection with the 2022 Annual Meeting of Stockholders.

ITEM 13. CERTAIN RELATIONSHIPS, RELATED TRANSACTIONS AND DIRECTOR INDEPENDENCE

The information required by this Item is incorporated by reference to our Proxy Statement to be filed in connection with the 2022 Annual Meeting of Stockholders.

ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES

The information required by this Item is incorporated by reference to our Proxy Statement to be filed in connection with the 2022 Annual Meeting of Stockholders.

ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

(a)(1) Index to Consolidated Financial Statements and Schedules	Page Number in Form 10-K
Consolidated Statements of Income (Loss) for the years ended December 31, 2021, 2020 and 2019	<u>37</u>
Consolidated Statements of Comprehensive Income (Loss) for the years ended December 31, 2021, 2020 and 2019	<u>38</u>
Consolidated Balance Sheets at December 31, 2021 and 2020	<u>39</u>
Consolidated Statements of Cash Flows for the years ended December 31, 2021, 2020 and 2019	<u>40</u>
Consolidated Statements of Stockholders' Equity for the years ended December 31, 2021, 2020 and 2019	<u>41</u>
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(a)(2) Exhibits

Reg. S-K exhibits	Description	Status or incorporation by reference
3(a)	Amended and Restated Certificate of Incorporation of Pitney Bowes Inc.	Incorporated by reference to Exhibit 3(i)(a) to Form 8-K filed with the Commission on September 30, 2019 (Commission file number 1-3579)
3(b)	Pitney Bowes Inc. Amended and Restated By-laws (effective May 10, 2013)	Incorporated by reference to Exhibit 3(d) to Form 8-K filed with the Commission on May 13, 2013 (Commission file number 1-3579)
4	Description of Registered Securities	Exhibit 4
4(a)	Form of Indenture between the Company and SunTrust Bank, as Trustee	Incorporated by reference to Exhibit 4.4 to Registration Statement on Form S-3 (No. 333-72304) filed with the Commission on October 26, 2001
4(b)	Supplemental Indenture No. 1 dated April 18, 2003 between the Company and SunTrust Bank, as Trustee	Incorporated by reference to Exhibit 4.1 to Form 8-K filed with the Commission on August 18, 2004
4(d)	First Supplemental Indenture, by and among Pitney Bowes Inc., The Bank of New York, and Citibank, N.A., to the Indenture, dated as of February 14, 2005, by and between the Company and Citibank	Incorporated by reference to Exhibit 4.1 to Form 8-K filed with the Commission on October 24, 2007 (Commission file number 1-3579)
4(e)	Supplemental Indenture No. 2 dated as of February 26, 2020, by and between the Company and The Bank of New York Mellon, as trustee	Incorporated by reference to Exhibit 4.1 to Form 8-K filed with the Commission on February 26, 2020 (Commission file number 1-3579)
4(f)	Indenture, dated March 19, 2021, among Pitney Bowes Inc., the guarantors party thereto and Truist Bank, as trustee, with respect to Pitney Bowes Inc.'s 6.875% Senior Notes due 2027.	Incorporated by reference to Exhibit 4.1 to the Form 8-K filed with the Commission on March 23, 2021 (Commission file number 1-3579).
4(g)	Indenture, dated March 19, 2021, among Pitney Bowes Inc., the guarantors party thereto and Truist Bank, as trustee, with respect to Pitney Bowes Inc.'s 7.250% Senior Notes due 2029.	Incorporated by reference to Exhibit 4.2 to the Form 8-K filed with the Commission on March 23, 2021 (Commission file number 1-3579).
10(a) *	Retirement Plan for Directors of Pitney Bowes Inc.	Incorporated by reference to Exhibit 10(a) to Form 10-K filed with the Commission on March 30, 1993 (Commission file number 1-3579)
10(b.3) *	Pitney Bowes Inc. Directors' Stock Plan (Amended and Restated effective May 12, 2014)	Incorporated by reference to Exhibit 10(b.3) to Form 10-K filed with the Commission on February 20, 2015 (Commission file number 1-3579)
10(c) *	Pitney Bowes Stock Plan (as amended and restated as of January 1, 2002)	Incorporated by reference to Annex 1 to the Definitive Proxy Statement for the 2002 Annual Meeting of Stockholders filed with the Commission on March 26, 2002 (Commission file number 1-3579)
10(d) *	Pitney Bowes Inc. 2007 Stock Plan (as amended November 7, 2009)	Incorporated by reference to Exhibit (v) to Form 10-K filed with the Commission on February 26, 2010 (Commission file number 1-3579)
10(e) *	Pitney Bowes Inc. Key Employees' Incentive Plan (as amended and restated February 4, 2019)	Incorporated by reference to Exhibit 10(e) to Form 10-K filed with the Commission on February 20, 2019 (Commission file number 1-3579)
10(f) *	Pitney Bowes Severance Plan (as amended and restated as of January 1, 2008)	Incorporated by reference to Exhibit 10(e) to Form 10-K filed with the Commission on February 29, 2008 (Commission file number 1-3579)

Reg. S-K exhibits	Description	Status or incorporation by reference
10(g) *	Pitney Bowes Senior Executive Severance Policy (as amended and	
10(g)	restated as of February 4, 2019)	filed with the Commission on February 20, 2019 (Commission file number 1-3579)
10(h) *	Pitney Bowes Inc. Deferred Incentive Savings Plan for the Board of Directors, as amended and restated effective January 1, 2009	Incorporated by reference to Exhibit 10(g) to Form 10-K filed with the Commission on February 26, 2009 (Commission file number 1-3579)
10(i) *	Pitney Bowes Inc. Deferred Incentive Savings Plan as amended and restated effective January 1, 2009	Incorporated by reference to Exhibit 10(h) to Form 10-K filed with the Commission on February 26, 2009 (Commission file number 1-3579)
10(j) *	Pitney Bowes Inc. 1998 U.K. S.A.Y.E. Stock Option Plan	Incorporated by reference to Annex II to the Definitive Proxy Statement for the 2006 Annual Meeting of Stockholders filed with the Commission on March 23, 2006 (Commission file number 1-3579)
10(k) *	Form of Long Term Incentive Award Agreement	Incorporated by reference to Exhibit 10(k) to Form 10-K filed with the Commission on February 25, 2013 (Commission file number 1-3579)
10(m)*	Pitney Bowes Director Equity Deferral plan dated November 8, 2013 (effective May 12, 2014)	Incorporated by reference to Exhibit 10(o) to Form 10-K filed with the Commission on February 22, 2016 (Commission file number 1-3579)
10(o)*	Pitney Bowes Executive Equity Deferral Plan dated November 7, 2014	Incorporated by reference to Exhibit 10(p) to Form 10-K filed with the Commission on February 22, 2016 (Commission file number 1-3579)
10(p)*	Pitney Bowes Inc. 2013 Stock Plan	Incorporated by reference to Annex A to the Definitive Proxy Statement for the 2013 Annual Meeting of Stockholders filed with the Commission on March 25, 2013 (Commission file number 1-3579)
10(q)*	Amended and Restated Pitney Bowes Inc. 2018 Stock Plan	Incorporated by reference to Annex A to the Definitive Proxy Statement for the 2019 Annual Meeting of Stockholders filed with the Commission on March 18, 2020 (Commission file number 1-3579)
10(r)	Credit Agreement, dated as of November 1, 2019 (the "Credit Agreement"), among the company, the lenders and issuing banks party thereto and JPMorgan Chase Bank, N.A., as administrative agent.	Incorporated by reference to Exhibit 10.1 to the Form 8- K filed with the Commission on November 5, 2019 (Commission file number 1-3579)
10(s)	First Incremental Facility Amendment, dated as of February 19, 2020, to the Credit Agreement, among the company, the lenders and issuing banks party thereto and JPMorgan Chase Bank, N.A., administrative agent.	Incorporated by reference to Exhibit 10.1 to the Form 8-K filed with the Commission on February 20, 2020 (Commission file number 1-3579)
10(t)	First Amendment, dated as of March 19, 2021, among Pitney Bowes Inc., the subsidiaries of Pitney Bowes Inc. party thereto, the lenders and issuing banks party thereto, and JPMorgan Chase Bank, N.A., as administrative agent	Incorporated by reference to Exhibit 10.1 to the Form 8-K filed with the Commission on March 23, 2021 (Commission file number 1-3579)
10(u)	First Refinancing Agreement, dated as of March 19, 2021, among Pitney Bowes Inc., the subsidiaries of Pitney Bowes Inc. party thereto and JPMorgan Chase Bank, N.A., as administrative agent and refinancing tranche B term lender.	Incorporated by reference to Exhibit 10.2 to the Form 8-K filed with the Commission on March 23, 2021 (Commission file number 1-3579)
18	Preferability letter on change in accounting principle	Exhibit 18
21	Subsidiaries of the registrant	Exhibit 21
23	Consent of independent registered accounting firm	Exhibit 23
31.1	Certification of Chief Executive Officer Pursuant to Rules 13a-14(a) and 15d-14(a) under the Securities Exchange Act of 1934, as amended.	
31.2	Certification of Chief Financial Officer Pursuant to Rules 13a-14(a) and 15d-14(a) under the Securities Exchange Act of 1934, as amended.	
32.1	Certification of Chief Executive Officer Pursuant to 18 U.S.C. Section 1350	
32.2	Certification of Chief Financial Officer Pursuant to 18 U.S.C. Section 1350	Exhibit 32.2

Reg. S-K exhibits		
exilibits	Description	Status or incorporation by reference
101.SCH	XBRL Taxonomy Extension Schema Document	
101.CAL	XBRL Taxonomy Calculation Linkbase Document	
101.DEF	XBRL Taxonomy Definition Linkbase Document	
101.LAB	XBRL Taxonomy Label Linkbase Document	
101.PRE	XBRL Taxonomy Presentation Linkbase Document	
104	The cover page from the Company's Annual Report on Form 10-K for the year ended December 31, 2021, formatted in Inline XBRL (included as Exhibit 101).	

^{*} The Exhibits identified above with an asterisk (*) are management contracts or compensatory plans or arrangements.

The Company has outstanding certain other long-term indebtedness. Such long-term indebtedness does not exceed 10% of the total assets of the Company; therefore, copies of instruments defining the rights of holders of such indebtedness are not included as exhibits. The Company agrees to furnish copies of such instruments to the SEC upon request.

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.

<u>Date: February 22, 2022</u>

<u>PITNEY BOWES INC.</u>

Registrant

By: /s/ Marc B. Lautenbach
Marc B. Lautenbach
President and Chief Executive Officer

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

Signature	Title	Date
/s/ Marc B. Lautenbach Marc B. Lautenbach	President and Chief Executive Officer - Director (Principal Executive Officer)	February 22, 2022
/s/ Ana Maria Chadwick Ana Maria Chadwick	Executive Vice President, Chief Financial Officer (Principal Financial Officer)	February 22, 2022
/s/ Joseph R. Catapano Joseph R. Catapano	Vice President, Chief Accounting Officer (Principal Accounting Officer)	February 22, 2022
/s/ Michael I. Roth Michael I. Roth	Non-Executive Chairman - Director	February 22, 2022
/s/ Anne M. Busquet Anne M. Busquet	Director	February 22, 2022
/s/ Robert M. Dutkowsky Robert M. Dutkowsky	Director	February 22, 2022
/s/ Anne Sutherland Fuchs Anne Sutherland Fuchs	Director	February 22, 2022
/s/ Mary J. Steele Guilfoile Mary J. Steele Guilfoile	Director	February 22, 2022
/s/ S. Douglas Hutcheson S. Douglas Hutcheson	Director	February 22, 2022
/s/ Linda S. Sanford Linda S. Sanford	Director	February 22, 2022
/s/ David L. Shedlarz David L. Shedlarz	Director	February 22, 2022
/s/ Sheila A. Stamps Sheila A. Stamps	Director	February 22, 2022

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Consolidated Statements of Income (Loss) for the years ended December 31, 2021, 2020 and 2019	<u>37</u>
Consolidated Statements of Comprehensive Income (Loss) for the years ended December 31, 2021, 2020 and 2019	<u>38</u>
Consolidated Balance Sheets at December 31, 2021 and 2020	<u>39</u>
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Report of Independent Registered Public Accounting Firm

To the Board of Directors and Stockholders of Pitney Bowes Inc.

Opinions on the Financial Statements and Internal Control over Financial Reporting

We have audited the accompanying consolidated balance sheets of Pitney Bowes Inc. and its subsidiaries (the "Company") as of December 31, 2021 and 2020, and the related consolidated statements of income (loss), comprehensive income (loss), stockholders' equity and cash flows for each of the three years in the period ended December 31, 2021, including the related notes and financial statement schedule listed in the index appearing under Item 15(a)(1) (collectively referred to as the "consolidated financial statements"). We also have audited the Company's internal control over financial reporting as of December 31, 2021, based on criteria established in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of the Company as of December 31, 2021 and 2020, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2021 in conformity with accounting principles generally accepted in the United States of America. Also in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2021, based on criteria established in Internal Control - Integrated Framework (2013) issued by the COSO.

Changes in Accounting Principles

As discussed in Note 1 to the consolidated financial statements, the Company changed the manner in which it accounts for inventory in 2021 and the manner in which it accounts for credit losses on financial assets in 2020.

Basis for Opinions

The Company's management is responsible for these consolidated financial statements, for maintaining effective internal control over financial reporting, and for its assessment of the effectiveness of internal control over financial reporting, included in Management's Report on Internal Control over Financial Reporting appearing under Item 9A. Our responsibility is to express opinions on the Company's consolidated financial statements and on the Company's internal control over financial reporting based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

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

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

Definition and Limitations of Internal Control over Financial Reporting

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

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

Critical Audit Matters

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

Goodwill Impairment Assessment - Global Ecommerce Reporting Unit

As described in Notes 1 and 9 to the consolidated financial statements, the Company's consolidated goodwill balance was \$1,135 million as of December 31, 2021, and the goodwill balance associated with the Global Ecommerce reporting unit was \$395 million. Goodwill is tested annually for impairment at the reporting unit level during the fourth quarter or sooner if circumstances indicate an impairment may exist. The impairment test for goodwill determines the fair value of each reporting unit and compares it to the reporting unit's carrying value, including goodwill. If the fair value of a reporting unit is less than its carrying value an impairment loss is recognized for the difference, not to exceed the carrying amount of goodwill. During the fourth quarter of 2021, management performed its annual goodwill impairment test to assess the recoverability of the carrying value of goodwill and determined that the fair value of the Global Ecommerce reporting unit exceeded its carrying value and therefore no impairment was recorded. As disclosed by management, the fair value of the Global Ecommerce reporting unit was estimated by management using a discounted cash flow model. Management's cash flow projections included judgments and assumptions relating to revenue growth rates, projected operating income, and the discount rate.

The principal considerations for our determination that performing procedures relating to the goodwill impairment assessment of the Global Ecommerce reporting unit is a critical audit matter are (i) the significant judgment by management when developing the fair value of the reporting unit; (ii) a high degree of auditor judgment, subjectivity, and effort in performing procedures and evaluating management's significant assumptions related to revenue growth rates, certain forecasted costs included in the determination of projected operating income and the discount rate; and (iii) the audit effort involved the use of professionals with specialized skill and knowledge.

Addressing the matter involved performing procedures and evaluating audit evidence in connection with forming our overall opinion on the consolidated financial statements. These procedures included testing the effectiveness of controls relating to management's goodwill impairment assessment, including controls over the valuation of the Global Ecommerce reporting unit. These procedures also included, among others (i) testing management's process for developing the fair value estimate; (ii) evaluating the appropriateness of the discounted cash flow model; (iii) testing the completeness and accuracy of underlying data used in the model; and (iv) evaluating the reasonableness of the significant assumptions used by management related to the revenue growth rates, certain forecasted costs included in the determination of projected operating income, and the discount rate. Evaluating management's assumptions related to revenue growth rates and certain forecasted costs included in the determination of projected operating income involved evaluating whether the assumptions used by management were reasonable considering (i) the current and past performance of the reporting unit, (ii) the consistency with external market and industry data, and (iii) whether these assumptions were consistent with evidence obtained in other areas of the audit. Professionals with specialized skill and knowledge were used to assist in the evaluation of management's discounted cash flow model and the discount rate assumption.

/s/ PricewaterhouseCoopers LLP Stamford, Connecticut February 22, 2022

We have served as the Company's auditor since 1934.

PITNEY BOWES INC. CONSOLIDATED STATEMENTS OF INCOME (LOSS) (In thousands, except per share amounts)

Revenuer		Years Ended December 31,				
Business services \$ 2,344,674 \$ 2,191,306 \$ 1,710,801 Support services 460,888 473,292 506,187 Financing 294,418 341,034 368,090 Equipment sales 350,138 314,882 352,104 Supplies 159,388 159,282 187,287 Rentals 74,005 74,279 80,565 Total revenue 3,673,561 3,554,075 3,205,125 Cost of business services 2,034,477 1,790,078 1,389,569 Cost of of pupport services 149,706 149,988 162,300 Financing interest expense 47,059 48,162 44,648 Cost of equipment sales 251,914 235,153 244,620 Cost of supplies 43,989 41,679 48,862 Cost of supplies 43,989 41,679 48,862 Cost of equipment sales 23,191 29,163 38,384 11,530 Selling, general and administrative 924,163 363,323 1,003,989 1,003 20,712 69,6		2021		2020		2019
Support services 460,888 473,292 506,187 Financing 294,418 314,034 368,090 Equipment sales 350,138 314,882 352,046 Supplies 159,388 159,282 187,287 Rentals 74,005 74,279 80,656 Total revene 367,37,361 35,54075 3,205,125 Costs and expenses 2034,477 1,904,078 1,389,569 Cost of business services 149,706 149,988 162,300 Financing interest expense 47,059 44,620 44,648 Cost of support services 251,914 235,153 244,620 Cost of support services 47,059 44,620 44,648 Cost of support services 251,914 235,153 244,620 Cost of support services 41,679 44,620 44,620 Cost of support services 251,914 235,153 24,620 Cost of support services 251,914 235,153 24,620 Cost of support services 41,679	Revenue:					
Financing 294,418 341,034 368,090 Equipment sales 350,138 314,882 352,104 Supplies 159,438 159,282 187,287 Rentals 74,005 74,279 80,656 Total revenue 3,673,561 3,584,075 3,205,125 Costs and expenses: 2,034,477 1,904,078 1,389,569 Cost of business services 149,706 149,988 162,300 Financing interest expense 47,059 48,162 44,648 Cost of supplort services 251,914 255,153 224,620 Cost of supplies 43,980 41,679 49,882 Cost of equipment sales 251,914 255,153 244,620 Cost of supplies 43,980 41,679 49,882 Cost of rentals 24,427 25,600 31,530 Selling, general and administrative 924,163 963,232 100,989 Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 9,006	Business services	\$ 2,334,674	\$	2,191,306	\$	1,710,801
Equipment sales 350,138 314,882 352,104 Supplies 159,438 159,282 187,287 Rentals 74,005 74,279 80,656 Total revenue 3,673,561 3,54,075 3,205,125 Costs and expenses: Cost of business services 1,904,078 1,389,569 Cost of support services 149,706 149,988 162,300 Financing interest expense 47,059 48,162 44,648 Cost of equipment sales 251,914 235,153 244,620 Cost of rentals 24,427 25,600 31,530 Selling, general and administrative 924,163 963,223 1,003,989 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment 46,777 38,384 51,258 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,708)	Support services	460,888		473,292		506,187
Supplies 159,438 159,282 187,287 Rentals 74,005 74,279 80,656 Total revenue 3,673,561 3,554,075 3,205,125 Cost and expenses: 2,034,477 1,904,078 1,389,569 Cost of support services 149,706 149,988 162,300 Financing interest expense 47,059 48,162 44,648 Cost of equipment sales 251,914 235,153 244,620 Cost of supplies 43,980 41,679 49,882 Cost of rentals 24,427 25,600 31,530 Selling, general and administrative 294,163 96,323 10,003,99 Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 1,709 4,225 Other expense, net 3,680,976 3,737,444 3,178,393 1,052	Financing	294,418		341,034		368,090
Rentals 74,005 74,279 80,656 Total revenue 3,673,561 3,554,075 3,205,125 Cost sof support services 2,03,4477 1,904,078 1,389,569 Cost of business services 149,706 149,988 162,000 Financing interest expense 47,059 48,162 44,688 Cost of equipment sales 25,194 235,153 244,620 Cost of supplies 43,980 41,679 49,882 Cost of rentals 24,427 25,600 31,530 Selling, general and administrative 924,163 603,323 100,398 Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment - 198,169 - - Interest expense, net 96,866 105,753 110,100 Other components of net pension and postretirement cost (income) 1,019 1,712 1,712 1,712 1,712 1,712 1,712 1,712 1,712	Equipment sales	350,138		314,882		352,104
Total revenue 3,673,561 3,554,075 3,205,125 Cost and expenses: 2,034,477 1,904,078 1,389,569 Cost of business services 149,706 149,988 162,030 Financing interest expense 47,059 48,162 44,648 Cost of equipment sales 251,914 235,153 244,620 Cost of supplies 43,980 41,679 49,882 Cost of rentals 24,427 25,600 31,530 Selling, general and administrative 924,163 96,323 1,003,989 Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment - 198,109 - Interest expense, net 66,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,708) 4,225 Other expense, net 41,574 8,151 24,306 Total costs and expenses (10,20) 3,73,444 3,178,393	Supplies	159,438		159,282		187,287
Costs and expenses: 2,034,477 1,904,078 1,389,569 Cost of Subpiness services 149,706 149,988 162,300 Financing interest expense 47,059 48,162 44,648 Cost of equipment sales 251,914 235,153 244,620 Cost of supplies 43,980 41,679 49,882 Cost of rentals 24,427 25,600 31,530 Selling, general and administrative 924,163 963,323 1,003,989 Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment 96,886 105,753 110,901 Other expense, net 96,886 105,753 110,901 Other expense, net 41,574 8,151 24,306 Total costs and expenses (7,18) (1,18) 1,42,25 Other expense, net 41,574 8,151 24,306 Loss) income from continuing operations before income taxes (7,19) (1,83,369) 26,732	Rentals	 74,005		74,279		80,656
Cost of business services 2,034,477 1,904,078 1,389,569 Cost of support services 149,706 149,988 162,300 Financing interest expense 47,059 48,162 44,648 Cost of equipment sales 251,914 235,153 244,620 Cost of supplies 43,980 41,679 49,882 Cost of rentals 24,427 25,600 31,530 Selling, general and administrative 924,163 963,232 1,003,989 Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 19,00 20,712 69,606 Goodwill impairment — 198,169 — Interest expense, net 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,078) 44,255 Other expense, net 41,574 8,151 24,366 Total costs and expenses (7,415) (183,369) 3,737,444 3,178,393 (Loss) income from continuing operations before income taxes <	Total revenue	3,673,561		3,554,075		3,205,125
Cost of support services 149,706 149,988 162,300 Financing interest expense 47,059 48,162 44,648 Cost of equipment sales 251,914 235,153 244,620 Cost of supplies 43,980 41,679 49,882 Cost of rentals 24,427 25,600 31,530 Selling, general and administrative 924,163 963,323 1,003,989 Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment — 198,169 — Interest expense, net 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,708) (4,225) Other expense, net 41,574 8,151 24,306 Total costs and expenses 7,415 (183,369) 26,732 (benefit) provision for income taxes 7,415 (183,369) 26,732 (Benefit) provision for income taxes 10,102 11,202 <th< td=""><td>Costs and expenses:</td><td></td><td></td><td>_</td><td></td><td></td></th<>	Costs and expenses:			_		
Financing interest expense 47,059 48,162 44,648 Cost of equipment sales 251,914 235,153 244,620 Cost of supplies 43,980 41,679 49,882 Cost of rentals 24,427 25,600 31,530 Selling, general and administrative 924,163 963,323 10,033,98 Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment — 198,169 — Interest expense, net 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,708) 42,256 Other components of net pension and postretirement cost (income 41,574 8,151 24,306 Total costs and expenses 7,415 (183,369) 26,732 Other expense, net 10,022 7,122 (13,127) Income (loss) income from continuing operations before income taxes 17,415 (183,369) 26,732 Uses (loss) income from continuin	Cost of business services	2,034,477		1,904,078		1,389,569
Cost of equipment sales 251,914 235,153 244,620 Cost of supplies 43,980 41,679 49,882 Cost of rentals 24,427 25,600 31,530 Selling, general and administrative 924,163 963,323 1,003,989 Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment - 198,169 - Interest expense, net 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,708) 42,255 Other expense, net 41,574 8,151 24,306 Total costs and expenses 7,415 183,369 26,732 Loss) income from continuing operations before income taxes 7,415 183,369 26,732 Benefit) provision for income taxes 10,922 7,122 13,127 Income (loss) from continuing operations 3,507 (190,491) 39,859 (Loss) income \$ 0,02 (1,10	Cost of support services	149,706		149,988		162,300
Cost of supplies 43,980 41,679 49,882 Cost of rentals 24,427 25,600 31,530 Selling, general and administrative 924,163 963,323 1,003,989 Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment — 198,169 — Interest expense, net 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,708) (4,225) Other expense, net 41,574 8,151 24,306 Total costs and expenses 7,415 183,369 26,732 (Loss) income from continuing operations before income taxes 7,415 183,369 26,732 (Loss) income from continuing operations 3,507 190,491 39,859 (Loss) income from discontinued operations, net of tax 4,858 10,115 154,460 Net (loss) income \$ 0,02 1,111 0,23 Discontinued operations \$ 0,03	Financing interest expense	47,059		48,162		44,648
Cost of rentals 24,427 25,600 31,530 Selling, general and administrative 924,163 963,323 1,003,898 Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment - 198,169 - Interest expense, net 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,708) 4,2250 Other expense, net 41,574 8,151 24,306 Other components of net pension and postretirement cost (income) 1,010 (1,708) 4,2250 Other expense, net 41,574 8,151 24,306 Total costs and expenses 3,680,976 3,737,444 3,178,393 (Loss) income from continuing operations before income taxes (10,922) 7,122 (13,127) Income (loss) from continuing operations 3,507 (190,491) 39,859 (Loss) income \$ 0,02 \$ (1,11) 0,23 Net (loss) income	Cost of equipment sales	251,914		235,153		244,620
Selling, general and administrative 924,163 963,323 1,003,989 Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment — 198,169 — Interest expense, net 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,708) (4,225) Other expense, net 41,574 8,151 24,306 Total costs and expenses 3,680,976 3,737,444 3,178,393 (Loss) income from continuing operations before income taxes (10,922) 7,122 (13,127) (Benefit) provision for income taxes (10,922) 7,122 (13,127) (Loss) income (loss) from continuing operations, net of tax (4,858) 10,115 154,460 Net (loss) income \$ 0,02 \$ (1,11) 0,23 Basic (loss) earnings per share attributable to common stockholders (1): \$ 0,02 \$ (1,11) 0,23 Discontinued operations \$ 0,02 \$ (1,11) 0,22 <td>Cost of supplies</td> <td>43,980</td> <td></td> <td>41,679</td> <td></td> <td>49,882</td>	Cost of supplies	43,980		41,679		49,882
Research and development 46,777 38,384 51,258 Restructuring charges and asset impairments 19,003 20,712 69,606 Goodwill impairment — 198,169 — Interest expense, net 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,708) (4,225) Other expense, net 41,574 8,151 24,306 Total costs and expenses 3,680,976 3,737,444 3,178,393 (Loss) income from continuing operations before income taxes (10,922) 7,122 (13,127) (Benefit) provision for income taxes (10,922) 7,122 (13,127) (Loss) income from continuing operations 3,507 (190,491) 39,859 (Loss) income from discontinued operations, net of tax 4,858 10,115 154,460 Net (loss) income \$ 10,02 (1,11) 0,23 Basic (loss) earnings per share attributable to common stockholders (1) (0,03) 0,06 0,88 Net (loss) income \$ 0,02 (1,11) 0,22 <tr< td=""><td>Cost of rentals</td><td>24,427</td><td></td><td>25,600</td><td></td><td>31,530</td></tr<>	Cost of rentals	24,427		25,600		31,530
Restructuring charges and asset impairment 19,003 20,712 69,606 Goodwill impairment — 198,169 — Interest expense, net 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,708) 42,255 Other expense, net 41,574 8,151 24,306 Total costs and expenses 3,680,976 3,737,444 3,178,393 (Loss) income from continuing operations before income taxes (7,415) (183,369) 26,732 (Benefit) provision for income taxes (10,922) 7,122 (13,127) Income (loss) from continuing operations 3,507 (190,491) 39,859 (Loss) income from discontinued operations, net of tax (4,858) 10,115 154,460 Net (loss) income \$ 0.02 (1,111) 0.23 Discontinuing operations \$ 0.02 (1,111) 0.23 Net (loss) income \$ 0.01 (1,05) 1,10 Diluted (loss) earnings per share attributable to common stockholders (1) \$ 0.02 (1,111) 0.22	Selling, general and administrative	924,163		963,323		1,003,989
Goodwill impairment — 198,169 — Interest expense, net 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,708) (4,225) Other expense, net 41,574 8,151 24,306 Total costs and expenses 3,680,976 3,737,444 3,178,393 (Loss) income from continuing operations before income taxes (7,415) (183,369) 26,732 (Benefit) provision for income taxes (10,922) 7,122 (13,127) Income (loss) from continuing operations 3,507 (190,491) 39,859 (Loss) income from discontinued operations, net of tax 4,858 10,115 154,460 Net (loss) income \$ 0,025 (1,111) 0,23 Basic (loss) earnings per share attributable to common stockholders (1):	Research and development	46,777		38,384		51,258
Interest expense, net 96,886 105,753 110,910 Other components of net pension and postretirement cost (income) 1,010 (1,708) (4,225) Other expense, net 41,574 8,151 24,306 Total costs and expenses 3,680,976 3,737,444 3,178,393 (Loss) income from continuing operations before income taxes (7,415) (183,369) 26,732 (Benefit) provision for income taxes (10,922) 7,122 (13,127) Income (loss) from continuing operations 3,507 (190,491) 39,859 (Loss) income from discontinued operations, net of tax (4,858) 10,115 154,460 Net (loss) income \$ (1,351) (180,376) 194,319 Basic (loss) earnings per share attributable to common stockholders (1): \$ (0.02) (1.11) 0.23 Discontinued operations \$ (0.01) (0.03) 0.06 0.88 Net (loss) income \$ (0.01) (1.11) 0.22 Diluted (loss) earnings per share attributable to common stockholders (1): \$ (0.01) (1.11) 0.22 Continuing operations	Restructuring charges and asset impairments	19,003		20,712		69,606
Other components of net pension and postretirement cost (income) 1,010 (1,708) (4,225) Other expense, net 41,574 8,151 24,306 Total costs and expenses 3,680,976 3,737,444 3,178,393 (Loss) income from continuing operations before income taxes (7,415) (183,369) 26,732 (Benefit) provision for income taxes (10,922) 7,122 (13,127) Income (loss) from continuing operations 3,507 (190,491) 39,859 (Loss) income from discontinued operations, net of tax (4,858) 10,115 154,460 Net (loss) income \$ (1,351) \$ (180,376) \$ 194,319 Basic (loss) earnings per share attributable to common stockholders (1): Continuing operations \$ (0.03) 0.06 0.88 Net (loss) income \$ (0.01) \$ (1.05) \$ 1.10 Diluted (loss) earnings per share attributable to common stockholders (1): Continuing operations \$ (0.01) \$ (1.11) \$ 0.22 Continuing operations \$ (0.02) \$ (1.11) \$ 0.22 Discontinued operations \$ (0.03) 0.06 0.87	Goodwill impairment	_		198,169		_
Other expense, net 41,574 8,151 24,306 Total costs and expenses 3,680,976 3,737,444 3,178,393 (Loss) income from continuing operations before income taxes (7,415) (183,369) 26,732 (Benefit) provision for income taxes (10,922) 7,122 (13,127) Income (loss) from continuing operations 3,507 (190,491) 39,859 (Loss) income from discontinued operations, net of tax (4,858) 10,115 154,460 Net (loss) income \$ (1,351) (180,376) 194,319 Basic (loss) earnings per share attributable to common stockholders (1): Total (1,111) 0,23 Discontinued operations (0,03) 0,06 0,88 Net (loss) earnings per share attributable to common stockholders (1): Total (1,111) 0,23 Discontinued operations \$ (0,03) 0,06 0,88 Ontinuing operations \$ (0,03) 0,06 0,88 Discontinued operations \$ (0,03) 0,06 0,88	Interest expense, net	96,886		105,753		110,910
Total costs and expenses 3,680,976 3,737,444 3,178,393 (Loss) income from continuing operations before income taxes (7,415) (183,369) 26,732 (Benefit) provision for income taxes (10,922) 7,122 (13,127) Income (loss) from continuing operations 3,507 (190,491) 39,859 (Loss) income from discontinued operations, net of tax (4,858) 10,115 154,460 Net (loss) income \$ (1,351) (180,376) 194,319 Basic (loss) earnings per share attributable to common stockholders (1): \$ (0.03) 0.06 0.88 Net (loss) income \$ (0.01) (1.05) 1.10 Discontinued operations \$ (0.01) (1.05) 1.10 Discontinued operations \$ (0.02) (1.11) 0.22 Continuing operations \$ (0.02) (1.11) 0.22 Discontinued operations \$ (0.02) (1.11) 0.22	Other components of net pension and postretirement cost (income)	1,010		(1,708)		(4,225)
(Loss) income from continuing operations before income taxes (7,415) (183,369) 26,732 (Benefit) provision for income taxes (10,922) 7,122 (13,127) Income (loss) from continuing operations 3,507 (190,491) 39,859 (Loss) income from discontinued operations, net of tax (4,858) 10,115 154,460 Net (loss) income (1,351) (180,376) 194,319 Basic (loss) earnings per share attributable to common stockholders (1): 0.02 (1.11) 0.23 Discontinued operations (0.01) (1.05) 1.10 Diluted (loss) earnings per share attributable to common stockholders (1): 0.02 (1.11) 0.22 Continuing operations 0.02 (1.11) 0.22 Discontinued operations 0.02 (1.11) 0.22 Discontinued operations 0.02 (1.11) 0.22	Other expense, net	 		8,151		24,306
(Benefit) provision for income taxes (10,922) 7,122 (13,127) Income (loss) from continuing operations 3,507 (190,491) 39,859 (Loss) income from discontinued operations, net of tax (4,858) 10,115 154,460 Net (loss) income \$ (1,351) (180,376) 194,319 Basic (loss) earnings per share attributable to common stockholders (1): \$ 0.02 (1.11) 0.23 Discontinued operations (0.03) 0.06 0.88 Net (loss) income \$ (0.01) (1.05) 1.10 Diluted (loss) earnings per share attributable to common stockholders (1): \$ 0.02 (1.11) 0.22 Continuing operations \$ 0.02 (1.11) 0.22 Discontinued operations \$ 0.02 (1.11) 0.22	Total costs and expenses	 3,680,976		3,737,444		3,178,393
Income (loss) from continuing operations 3,507 (190,491) 39,859 (Loss) income from discontinued operations, net of tax (4,858) 10,115 154,460 Net (loss) income (1,351) (180,376) 194,319 Basic (loss) earnings per share attributable to common stockholders (1): Tontinuing operations (0.03) 0.06 0.88 Net (loss) income (0.01) (1.05) 1.10 Diluted (loss) earnings per share attributable to common stockholders (1): Tontinuing operations (0.03) 0.06 0.87 Discontinued operations (0.03) 0.06 0.87	(Loss) income from continuing operations before income taxes	(7,415)		(183,369)		26,732
(Loss) income from discontinued operations, net of tax (4,858) 10,115 154,460 Net (loss) income \$ (1,351) \$ (180,376) \$ 194,319 Basic (loss) earnings per share attributable to common stockholders (1): \$ 0.02 \$ (1.11) \$ 0.23 Discontinued operations \$ (0.03) 0.06 0.88 Net (loss) income \$ (0.01) \$ (1.05) \$ 1.10 Diluted (loss) earnings per share attributable to common stockholders (1): \$ 0.02 \$ (1.11) \$ 0.22 Continuing operations \$ 0.02 \$ (1.11) \$ 0.22 Discontinued operations \$ 0.02 \$ (1.11) \$ 0.22	(Benefit) provision for income taxes	 (10,922)		7,122		(13,127)
Net (loss) income \$ (1,351) \$ (180,376) \$ 194,319 Basic (loss) earnings per share attributable to common stockholders (1):	, , , , , , , , , , , , , , , , , , ,	3,507		(190,491)		39,859
Basic (loss) earnings per share attributable to common stockholders (1): Continuing operations \$ 0.02 \$ (1.11) \$ 0.23 Discontinued operations (0.03) 0.06 0.88 Net (loss) income \$ (0.01) \$ (1.05) \$ 1.10 Diluted (loss) earnings per share attributable to common stockholders (1): Continuing operations \$ 0.02 \$ (1.11) \$ 0.22 Discontinued operations (0.03) 0.06 0.87	(Loss) income from discontinued operations, net of tax	 (4,858)		10,115		154,460
Continuing operations \$ 0.02 \$ (1.11) \$ 0.23 Discontinued operations (0.03) 0.06 0.88 Net (loss) income \$ (0.01) \$ (1.05) \$ 1.10 Diluted (loss) earnings per share attributable to common stockholders (1): * 0.02 \$ (1.11) \$ 0.22 Continuing operations \$ 0.02 \$ (1.11) \$ 0.22 Discontinued operations (0.03) 0.06 0.87	Net (loss) income	\$ (1,351)	\$	(180,376)	\$	194,319
Discontinued operations (0.03) 0.06 0.88 Net (loss) income \$ (0.01) \$ (1.05) \$ 1.10 Diluted (loss) earnings per share attributable to common stockholders (1): \$ 0.02 \$ (1.11) \$ 0.22 Discontinued operations (0.03) 0.06 0.87	Basic (loss) earnings per share attributable to common stockholders (1):					
Net (loss) income \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Continuing operations	\$ 0.02	\$	(1.11)	\$	0.23
Diluted (loss) earnings per share attributable to common stockholders (1): Continuing operations \$ 0.02 \$ (1.11) \$ 0.22 Discontinued operations (0.03) 0.06 0.87	Discontinued operations	(0.03)		0.06		0.88
Continuing operations \$ 0.02 \$ (1.11) \$ 0.22 Discontinued operations (0.03) 0.06 0.87	Net (loss) income	\$ (0.01)	\$	(1.05)	\$	1.10
Continuing operations \$ 0.02 \$ (1.11) \$ 0.22 Discontinued operations (0.03) 0.06 0.87	Diluted (loss) earnings per share attributable to common stockholders (1):	 				
Discontinued operations (0.03) 0.06 0.87		\$ 0.02	\$	(1.11)	\$	0.22
	.			` ′		0.87
	-	\$ <u> </u>	\$	(1.05)	\$	

⁽¹⁾ The sum of the earnings per share amounts may not equal the totals due to rounding.

PITNEY BOWES INC. CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) (In thousands)

	Years Ended December 31,					
		2021		2020		2019
Net (loss) income	\$	(1,351)	\$	(180,376)	\$	194,319
Other comprehensive income, net of tax:						
Foreign currency translations, net of tax of \$(767), \$2,374 and \$3,071, respectively		(34,168)		37,252		75,319
Net unrealized gain (loss) on cash flow hedges, net of tax of \$1,738, \$(583) and \$49, respectively		5,214		(1,748)		146
Net unrealized (loss) gain on available for sale securities, net of tax of \$(2,217), \$(816) and \$1,970, respectively		(6,651)		(2,447)		5,910
Adjustments to pension and postretirement plans, net of tax of \$17,986, \$(20,440) and \$(1,270), respectively		54,618		(70,623)		(845)
Amortization of pension and postretirement costs, net of tax of \$12,755, \$11,930 and \$9,497, respectively		39,806		38,578		28,288
Other comprehensive income, net of tax		58,819		1,012		108,818
Comprehensive income (loss)	\$	57,468	\$	(179,364)	\$	303,137

PITNEY BOWES INC. CONSOLIDATED BALANCE SHEETS (In thousands, except share amounts)

	D	December 31, 2021		ecember 31, 2020
ASSETS				
Current assets:				
Cash and cash equivalents	\$	732,480	\$	921,450
Short-term investments (includes \$2,658 and \$18,974, respectively, reported at fair value)		14,440		18,974
Accounts and other receivables (net of allowance of \$11,168 and \$18,899 respectively)		334,630		389,240
Short-term finance receivables (net of allowance of \$12,812 and \$18,012, respectively)		560,680		568,050
Inventories		78,588		71,480
Current income taxes		13,894		23,219
Other current assets and prepayments		157,341		120,145
Total current assets		1,892,053		2,112,558
Property, plant and equipment, net		429,162		391,280
Rental property and equipment, net		34,774		38,435
Long-term finance receivables (net of allowance of \$13,406 and \$17,857, respectively)		587,427		605,292
Goodwill		1,135,103		1,152,285
Intangible assets, net		132,442		159,839
Operating lease assets		208,428		201,916
Noncurrent income taxes		68,398		71,244
Other assets (includes \$318,754 and \$355,799, respectively, reported at fair value)		471,084		491,514
Total assets	\$	4,958,871	\$	5,224,363
LIABILITIES AND STOCKHOLDERS' EQUITY				
Current liabilities:				
Accounts payable and accrued liabilities	\$	922,543	\$	880,616
Customer deposits at the Bank		632,062		617,200
Current operating lease liabilities		40,299		39,182
Current portion of long-term debt		24,739		216,032
Advance billings		99,280		114,550
Current income taxes		9,017		2,880
Total current liabilities		1,727,940		1,870,460
Long-term debt		2,299,099		2,348,361
Deferred taxes on income		286,445		279,451
Tax uncertainties and other income tax liabilities		31,935		38,163
Noncurrent operating lease liabilities		192,092		180,292
Other noncurrent liabilities		308,728		437,015
Total liabilities		4,846,239		5,153,742
Commitments and contingencies (See Note 16)				
Stockholders' equity:				
Common stock, \$1 par value (480,000,000 shares authorized; 323,337,912 shares issued)		323,338		323,338
Additional paid-in capital		2,485		68,502
Retained earnings		5,169,270		5,205,421
Accumulated other comprehensive loss		(780,312)		(839,131
Treasury stock, at cost (148,606,517 and 151,362,724 shares, respectively)		(4,602,149)		(4,687,509
Total stockholders' equity		112,632		70,621
Total liabilities and stockholders' equity	\$	4,958,871	\$	5,224,363

PITNEY BOWES INC. CONSOLIDATED STATEMENTS OF CASH FLOWS (In thousands)

		Years Ended December 31,				
		2021		2020		2019
Cash flows from operating activities:						
Net (loss) income	\$	(1,351)	\$	(180,376)	\$	194,319
Loss (income) from discontinued operations, net of tax		4,858		(10,115)		(154,460)
Adjustments to reconcile net (loss) income to net cash provided by operating activity	ties:					
Depreciation and amortization		162,859		160,625		159,142
Allowance for credit losses		7,808		42,193		28,488
Stock-based compensation		20,862		17,476		23,149
Amortization of debt fees		7,163		10,871		10,482
Loss on debt refinancing		56,209		36,987		6,623
Restructuring charges and asset impairments		19,003		20,712		69,606
Restructuring payments		(21,990)		(20,014)		(27,148
Pension contributions and retiree medical payments		(27,534)		(31,828)		(37,747
(Gain) loss on sale of assets/businesses		(11,635)		(21,969)		17,683
Goodwill impairment		_		198,169		_
Deferred tax (benefit) provision		(19,883)		15,280		4,811
Changes in operating assets and liabilities, net of acquisitions/divestitures:						
Accounts and other receivables		37,503		(47,236)		(8,027
Finance receivables		20,934		70,505		29,171
Inventories		(8,008)		1,582		(5,178
Other current assets and prepayments		(1,184)		(19,581)		(27,096
Accounts payable and accrued liabilities		57,780		94,851		22,081
Current and noncurrent income taxes		2,971		8,622		(40,119
Advance billings		(14,029)		11,009		(10,361
Other, net		9,179		(17,879)		3,192
Net cash from operating activities: continuing operations		301,515		339,884		258,611
Net cash from operating activities: discontinued operations		501,515		(37,912)		9,272
Net cash from operating activities		301,515		301,972		267,883
Cash flows from investing activities:		301,313		301,772		207,003
Capital expenditures		(184,042)		(104,987)		(137,253
Purchases of investment securities		(74,923)		(596,841)		(137,233
Proceeds from sales/maturities of investment securities		97,358		576,536		108,548
Net investment in loan receivables		(6,288)		(4,174)		(15,676
Proceeds from sale of assets/businesses, net of cash sold		29,413		58,248		(22.100
Acquisitions, net of cash acquired		(14,996)		(6,608)		(22,100
Other investing activities				4,636		(8,905
Net cash from investing activities: continuing operations		(153,478)		(73,190)		(212,580
Net cash from investing activities: discontinued operations		(1,773)		(2,502)		670,130
Net cash from investing activities		(155,251)		(75,692)		457,550
Cash flows from financing activities:						
Proceeds from the issuance of debt, net of discount		1,195,500		916,544		389,986
Principal payments of debt	(1,445,734)		(1,105,650)		(930,189
Premiums and fees to refinance debt		(50,763)		(32,645)		(4,704
Dividends paid to stockholders		(34,800)		(34,291)		(35,361
Customer deposits at the Bank		14,862		26,082		16,341
Common stock repurchases		_		_		(105,000
Other financing activities		(9,436)		(5,411)		(1,372
Net cash from financing activities		(330,371)		(235,371)		(670,299
Effect of exchange rate changes on cash and cash equivalents		(4,863)		6,099		2,046
Change in cash and cash equivalents		(188,970)		(2,992)		57,180
Cash and cash equivalents at beginning of period		921,450		924,442		867,262
Cash and cash equivalents at end of period	\$	732,480	\$	921,450	\$	924,442

PITNEY BOWES INC. CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (In thousands)

	Preferred stock	Preference stock	Common Stock	Additional Paid-in Capital	Retained earnings	Accumulated other comprehensive loss	Treasury stock	Total equity
Balance at December 31, 2018	\$ 1	\$ 396	\$ 323,338	\$ 121,475	\$ 5,279,682	\$ (948,961)	\$ (4,674,089)	\$ 101,842
Cumulative effect of accounting change	_	_	_	_	3,348	_	_	3,348
Net income	_	_	_	_	194,319	_	_	194,319
Other comprehensive income	_	_	_	_	_	108,818	_	108,818
Cash dividends								
Common (\$0.20 per share)	_	_	_	_	(35,353)	_	_	(35,353)
Preference	_	_	_	_	(8)	_	_	(8)
Issuance of treasury stock	_	_	_	(43,062)	_	_	41,378	(1,684)
Conversions to common stock	_	(130)	_	(2,804)	_	_	2,934	_
Redemption of preferred/preference stock	(1) (266)	_	(10)	_	_	_	(277)
Stock-based compensation	_	_	_	23,149	_	_	_	23,149
Repurchase of common stock							(105,000)	(105,000)
Balance at December 31, 2019	_	_	323,338	98,748	5,441,988	(840,143)	(4,734,777)	289,154
Cumulative effect of accounting change	_	_	_	_	(21,900)	_	_	(21,900)
Net loss	_	_	_	_	(180,376)	_	_	(180,376)
Other comprehensive income	_	_	_	_	_	1,012	_	1,012
Dividends (\$0.20 per share)	_	_	_	_	(34,291)	_	_	(34,291)
Issuance of treasury stock	_	_	_	(47,722)	_	_	47,268	(454)
Stock-based compensation				17,476				17,476
Balance at December 31, 2020	_	_	323,338	68,502	5,205,421	(839,131)	(4,687,509)	70,621
Net loss	_	· –	_	_	(1,351)	_	_	(1,351)
Other comprehensive income	_	_	_	_	_	58,819	_	58,819
Dividends (\$0.20 per share)	_	_	_	_	(34,800)	_	_	(34,800)
Issuance of treasury stock	_	_	_	(86,879)	_	_	85,360	(1,519)
Stock-based compensation				20,862				20,862
Balance at December 31, 2021	<u> </u>	<u>s – </u>	\$ 323,338	\$ 2,485	\$ 5,169,270	\$ (780,312)	\$ (4,602,149)	\$ 112,632

1. Summary of Significant Accounting Policies

Basis of Presentation

The accompanying Consolidated Financial Statements of Pitney Bowes Inc. and its wholly owned subsidiaries (we, us, our, or the company) have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP). Intercompany transactions and balances have been eliminated. Certain prior year amounts have been reclassified to conform to the current year presentation.

Effective October 1, 2021, we elected to adopt the FIFO inventory valuation methodology where we had previously valued inventory on a last-in, first-out (LIFO) basis. We believe that the FIFO basis provides a better matching of revenues and expenses, more closely resembles the physical flow of inventory, provides a consistent valuation methodology throughout our locations and improves comparability with industry peers. We retrospectively applied this change in accounting principle and recorded a cumulative effect adjustment to increase the 2019 opening inventory balance by \$4 million and retained earnings by \$3 million (net of tax). Financial statements for the years ended December 31, 2020 and 2019 and at December 31, 2020 have been recast and the impact on our previously issued financial statements is presented in the following tables. Had we not elected to adopt the FIFO inventory valuation methodology, 2021 cost of equipment sales would have been approximately \$2 million higher and inventory would have been approximately \$2 million lower.

Voor Ended December 31, 2020

	Year Ended December 31, 2020									
Consolidated Statement of Income (Loss)		As Previously Reported		Adjustments		As Revised				
Cost of equipment sales	\$	236,716	\$	(1,563)	\$	235,153				
Total costs and expenses	\$	3,739,007	\$	(1,563)	\$	3,737,444				
(Loss) income from continuing operations before income taxes	\$	(184,932)	\$	1,563	\$	(183,369)				
(Benefit) provision for income taxes	\$	6,727	\$	395	\$	7,122				
Income (loss) from continuing operations	\$	(191,659)	\$	1,168	\$	(190,491)				
Net (loss) income	\$	(181,544)	\$	1,168	\$	(180,376)				
Basic (loss) earnings per share - continuing operations	\$	(1.12)	\$	0.01	\$	(1.11)				
Basic (loss) earnings per share	\$	(1.06)	\$	0.01	\$	(1.05)				
Diluted (loss) earnings per share - continuing operations	\$	(1.12)	\$	0.01	\$	(1.11)				
Diluted (loss) earnings per share	\$	(1.06)	\$	0.01	\$	(1.05)				

	_	Year Ended December 31, 2019									
Consolidated Statement of Income (Loss)		As Previously Reported	A	ljustments	As Revised						
Cost of equipment sales	\$	244,210	\$	410	\$	244,620					
Total costs and expenses	\$	3,177,983	\$	410	\$	3,178,393					
(Loss) income from continuing operations before income taxes	\$	27,142	\$	(410)	\$	26,732					
(Benefit) provision for income taxes	\$	(13,007)	\$	(120)	\$	(13,127)					
Income (loss) from continuing operations	\$	40,149	\$	(290)	\$	39,859					
Net (loss) income	\$	194,609	\$	(290)	\$	194,319					
Basic (loss) earnings per share - continuing operations	\$	0.23	\$	_	\$	0.23					
Basic (loss) earnings per share	\$	1.10	\$	_	\$	1.10					
Diluted (loss) earnings per share - continuing operations	\$	0.23	\$	(0.01)	\$	0.22					
Diluted (loss) earnings per share	\$	1.10	\$	_	\$	1.10					

	December 31, 2020						
Consolidated Balance Sheet	As Previously Reported		Adjustments			As Revised	
Inventories	\$	65,845	\$	5,635	\$	71,480	
Total current assets	\$	2,106,923	\$	5,635	\$	2,112,558	
Noncurrent income taxes	\$	72,653	\$	(1,409)	\$	71,244	
Total assets	\$	5,220,137	\$	4,226	\$	5,224,363	
Retained earnings	\$	5,201,195	\$	4,226	\$	5,205,421	
Total stockholders' equity	\$	66,395	\$	4,226	\$	70,621	
Total liabilities and stockholders' equity	\$	5,220,137	\$	4,226	\$	5,224,363	

Consolidated Statement of Cash Flows	s Previously Reported	P	Adjustments	As Revised
Net (loss) income	\$ (181,544)	\$	1,168	\$ (180,376)
Deferred tax (benefit) provision	\$ 14,885	\$	395	\$ 15,280
(Increase) decrease in inventories	\$ 3,145	\$	(1,563)	\$ 1,582

Year Ended December 31, 2020

Vear Ended December 31 2019

		Tear	Jiiucu	Determine 51	, 2017	
Consolidated Statement of Cash Flows	_	As Previously Reported	Ad	ljustments	A	As Revised
Net (loss) income	\$	194,609	\$	(290)	\$	194,319
Deferred tax (benefit) provision	\$	4,931	\$	(120)	\$	4,811
(Increase) decrease in inventories	\$	(5,588)	\$	410	\$	(5,178)

Use of Estimates

The preparation of financial statements in conformity with GAAP requires the use of estimates and assumptions that affect the reported amounts of assets, liabilities, revenues, expenses and accompanying disclosures, including the disclosure of contingent assets and liabilities. These estimates and assumptions are based on management's best knowledge of current events, historical experience and other information available when the financial statements are prepared. These estimates include, but are not limited to, goodwill and intangible asset impairment review, deferred tax asset valuation allowance, income tax reserves, revenue recognition for multiple element arrangements, pension and other postretirement costs, allowance for credit losses, residual values of leased assets, useful lives of long-lived and intangible assets, restructuring costs, the allocation of purchase price to assets and liabilities acquired in business combinations, stock-based compensation expense and loss contingencies. Actual results could differ from those estimates and assumptions.

Cash Equivalents

Cash equivalents include interest-earning investments with maturities of three months or less at the date of purchase.

Marketable Securities

Marketable investment securities are classified as available-for-sale or hold-to-maturity. Investment securities classified as available-for-sale are recorded at fair value with changes in fair value due to market conditions (i.e., interest rates) recorded in accumulated other comprehensive loss (AOCL), and changes in fair value due to credit conditions recorded in earnings. Purchase premiums and discounts are amortized using the effective interest method over the term of the security. Gains and losses on the sale of available-for-sale securities are recorded on the trade date using the specific identification method. There were no unrealized losses due to credit losses charged to earnings in 2021, 2020, or 2019.

Investment securities that management has the positive intent and ability to hold to maturity are classified as held-to-maturity and are carried at amortized cost.

(Tabular amounts in thousands, except per share amounts)

Accounts and Other Receivables and Allowance for Credit Losses

Accounts receivable are generally due within 30 days after the invoice date. We provide an allowance for credit losses based on historical loss experience, the age of the receivables, specific troubled accounts and other currently available information.

Accounts receivable are written off against the allowance after all collection efforts have been exhausted and management deems the account to be uncollectible, or when they are 365 days past due, if sooner. We believe that our accounts receivable credit risk is low because of the geographic and industry diversification of our clients and small account balances for most of our clients. We continually evaluate the adequacy of the allowance for credit losses and adjust as necessary.

Finance Receivables and Allowance for Credit Losses

Finance receivables are comprised of sales-type leases, secured loans and unsecured loans. Sales-type leases and secured loans are from financing options provided to clients for Pitney Bowes equipment or leasing of other manufacturers' equipment and are generally due in installments over periods ranging from three to five years. Unsecured loans comprise revolving credit lines offered to our clients for postage and supplies and working capital purposes. These revolving credit lines are generally due monthly; however, clients may rollover outstanding balances. Interest is recognized on finance receivables using the effective interest method. Annual fees are recognized ratably over the annual period covered and client acquisition costs are expensed as incurred.

We provide an allowance for credit losses based on historical loss experience, the nature of our portfolios, adverse situations that may affect a client's ability to pay and current economic conditions and outlook based on reasonable and supportable forecasts. We continually evaluate the adequacy of the allowance for credit losses and adjust as necessary.

Credit approval limits are established based on the credit quality of the client and the type of equipment financed. We cease financing revenue recognition for lease receivables that are more than 120 days past due and for unsecured loan receivables that are more than 90 days past due. Revenue recognition is resumed when the client's payments reduce the account aging to less than 60 days past due. Finance receivables are written off against the allowance after all collection efforts have been exhausted and management deems the account to be uncollectible. We believe that our finance receivable credit risk is low because of the geographic and industry diversification of our clients and small account balances for most of our clients.

Inventories

Inventories are stated at the lower of cost, determined on the first-in, first-out (FIFO) basis or net realizable value.

Fixed Assets

Property, plant and equipment and rental equipment are stated at cost and depreciated principally using the straight-line method over their estimated useful lives, which are 50 years for buildings, 10 to 20 years for building improvements, up to 3 years for internal use software development costs, 3 to 12 years for machinery and equipment and 4 to 6 years for rental equipment. Major improvements that add to the productive capacity or extend the life of an asset are capitalized while repairs and maintenance are charged to expense. Leasehold improvements are amortized over the shorter of their estimated useful life or the remaining lease term. Fully depreciated assets are retained in fixed assets and accumulated depreciation until they are removed from service.

Intangible Assets

Finite-lived intangible assets are amortized using the straight-line method over their estimated useful lives of up to 10 years.

Deferred Costs

Certain incremental costs to obtain a contract are capitalized if we expect the benefit of those costs to be realized over a period greater than one year. These costs primarily relate to sales commissions on multi-year equipment and Global Ecommerce contracts and are amortized in a manner consistent with the timing of the related revenue over the contract performance period or longer, if renewals are expected and the renewal commission is not commensurate with the initial commission. Unamortized deferred costs at December 31, 2021 and December 31, 2020, included in other assets, were \$48 million and \$40 million, respectively. Amortization expense for these costs for the years ended December 31, 2021, 2020 and 2019 was \$18 million, \$10 million and \$7 million, respectively.

Revenue Recognition

We derive revenue from multiple sources including sales, rentals, financing and services. Certain transactions are consummated at the same time and can therefore generate revenue from multiple sources. The most common form of these transactions involves a sale or noncancelable lease of equipment, meter services and an equipment maintenance agreement. We determine whether each product and service within the contract should be treated as a separate performance obligation (unit of accounting) for revenue recognition purposes. For contracts that include multiple performance obligations, the transaction price is allocated based on relative standalone selling prices (SSP), which are a range of selling prices that we would sell a product or service to a customer on a separate basis. SSP are established for each performance obligation at the inception of the contract and can be observable prices or estimated. The

(Tabular amounts in thousands, except per share amounts)

allocation of the transaction price to the various performance obligations impacts the timing of revenue recognition, but does not change the total revenue recognized. More specifically, revenue related to our offerings is recognized as follows:

Business services

Business services includes fulfillment, delivery and return services, cross-border solutions, mail processing services and shipping subscription solutions, Revenue for fulfillment, delivery and return services, cross-border solutions and mail processing services is recognized over time using an output method based on the number of parcels or mail pieces either processed or delivered, depending on the service type, since that measure best depicts the value of goods and services transferred to the client over the contract period. Revenue for shipping subscription solutions is recognized ratably over the contract period as the client obtains equal benefit from these services through the period. We review third party relationships and record revenue on a gross basis when we act as a principal in a transaction and on a net basis when we act as an agent between a client and vendor. In determining whether we are acting as principal or agent, we consider several factors such as whether we are the primary obligor to the client or have control over pricing.

Support services

Support services revenue includes revenue from maintenance, professional and subscription services for our mailing equipment and professional services for our digital delivery services. Revenue is allocated to these services using selling prices charged in standalone replacement and renewal transactions. Revenue for maintenance and subscription services is recognized ratably over the contract period and revenue for professional services is recognized when services are provided.

Financing

We provide financing for our products primarily through sales-type leases and revolving lines of credit for the purchase of postage and supplies. Financing revenue also includes finance income, late fees and investment income, gains and losses at the Bank. We record financing income over the lease term using the effective interest method. Financing revenue also includes amounts related to sales-type leases that customers have extended or renewed for an additional term. Revenue for these contracts is recognized over the term of the modified lease using the effective interest method. We believe that our sales-type lease portfolio contains only normal collection risk.

Equipment residual values are determined at the inception of the lease using management's best estimate of fair value at the end of the lease term. Fair value estimates are determined based on historical renewal experience, used equipment markets, competition and technological changes. We evaluate residual values on an annual basis or sooner if circumstances warrant. Declines in estimated residual values considered "other-than-temporary" are recognized immediately. Increases in estimated future residual values are not recognized until the equipment is remarketed.

Equipment sales

We sell and lease equipment directly to customers and to distributors (re-sellers) throughout the world. The amount of revenue allocated to the equipment is based on a range of observable selling prices in standalone transactions. Revenue from the sale of equipment under sales-type leases is recognized as control of the equipment transfers to the customer, which is upon shipment for self-installed products and upon installation or customer acceptance for other products. Revenue from the direct sale of equipment is recognized as control of the equipment transfers to the customer, which is upon delivery for self-installed products and upon installation or customer acceptance for other products. We do not typically offer any rights of return.

Supplies

Supplies revenue includes revenue from supplies for our mailing equipment and is recognized upon delivery.

Rentals

Rentals revenue includes revenue from mailing equipment that does not meet the criteria to be accounted for as a sales-type lease. We may invoice in advance for rentals according to the terms of the agreement. Advanced billings are initially deferred and recognized on a straight-line basis over the billing period. Revenue generated from financing clients for the continued use of equipment subsequent to the expiration of the original lease is recognized as rentals revenue.

Shipping and Handling

Shipping and handling costs are recognized as costs of revenue as incurred.

Research and Development Costs

Research and development costs are charged to expense as incurred. Costs include research, development and engineering activities relating to the development of new products and solutions and enhancements of existing products and solutions. Costs primarily

(Tabular amounts in thousands, except per share amounts)

include salaries, benefits and other employee-related expenses, materials, contract services, information systems and facilities and equipment costs.

Restructuring Charges

Costs associated with restructuring actions primarily include employee severance and related separation costs and contract termination costs, primarily real estate leases. Employee severance and related costs are recognized when a liability is incurred, which is generally upon communication to the affected employees, and the amount to be paid is both probable and reasonably estimable. Severance accruals are based on company policy, historical experience and negotiated settlements. Contract termination costs for real estate leases are recognized as incurred.

Stock-based Compensation

We primarily issue restricted stock units and non-qualified stock options under our stock award plans. Compensation expense for stock-based awards is measured based on the estimated fair value of the awards expected to vest and recognized ratably over the requisite service period. The fair value of restricted stock units is estimated based on the fair value of our common stock on the grant date, less the present value of expected dividends. The fair value of non-qualified stock options is determined using the Black-Scholes valuation model. We believe that these valuation techniques and the underlying assumptions are appropriate in estimating the fair value of stock awards. Forfeitures are estimated at the time of grant to recognize expense for those awards that are expected to vest and are based on our historical forfeiture rates. Stock-based compensation expense is recognized primarily in selling, general and administrative expense.

Retirement Plans

Net periodic benefit cost includes current service cost, interest cost, expected return on plan assets and the amortization of actuarial gains and losses. Actuarial gains and losses arise from actual results that differ from previous assumptions and changes in assumptions. The expected return on plan assets is based on a market-related valuation of plan assets where differences between the actual and expected return on plan assets are recognized over a five-year period. Actuarial gains and losses are recognized in other comprehensive loss, net of tax, and amortized to benefit cost primarily over the life expectancy of plan participants. The funded status of pension and other postretirement benefit plans is recognized in the consolidated balance sheets.

Impairment Review

Long-lived assets and finite-lived intangible assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount may not be fully recoverable. The estimated undiscounted future cash flows expected to result from the use and eventual disposition of the asset is compared to the asset's carrying value. The fair value of the asset is determined using probability weighted expected cash flow estimates, derived from our long-term business plans and historical experience, quoted market prices when available and appraisals, as appropriate.

Goodwill is tested annually for impairment at the reporting unit level during the fourth quarter or sooner if circumstances indicate an impairment may exist. The impairment test for goodwill determines the fair value of each reporting unit and compares it to the reporting unit's carrying value, including goodwill. If the fair value of a reporting unit exceeds the carrying value of the net assets assigned to that reporting unit, goodwill is not impaired and no further testing is required. If the carrying value of the net assets assigned to the reporting unit exceeds the fair value of the reporting unit, the goodwill impairment loss is calculated as the difference between these amounts, limited to the amount of goodwill allocated to the reporting unit.

During the fourth quarter of 2021, we performed our annual goodwill impairment test to assess the recoverability of the carrying value of goodwill and determined that the fair value of each reporting unit exceeded its carrying value and no impairment was recorded.

Derivative Instruments

In the normal course of business, we are exposed to the impact of changes in foreign currency exchange rates and interest rates. We limit these risks by following established risk management policies and procedures, including the use of derivatives. We use derivative instruments to limit the effects of currency exchange rate fluctuations on financial results and manage the related cost of debt. We do not use derivatives for trading or speculative purposes.

Derivative instruments are measured at fair value and reported as assets and liabilities on the consolidated balance sheets, as applicable. The accounting for changes in fair value depends on the intended use of the derivative, the resulting designation and the effectiveness of the instrument in offsetting the risk exposure it is designed to hedge. To qualify as a hedge, a derivative must be highly effective in offsetting the risk designated for hedging purposes. The hedge relationship must be formally documented at inception, detailing the particular risk management objective and strategy for the hedge. The effectiveness of the hedge relationship is evaluated on a retrospective and prospective basis.

(Tabular amounts in thousands, except per share amounts)

The use of derivative instruments exposes us to counterparty credit risk. To mitigate such risks, we only enter into agreements with financial institutions that meet stringent credit requirements. We regularly review our credit exposure and the creditworthiness of our counterparties. We have not seen a material change in the creditworthiness of our derivative counterparties.

Income Taxes

We recognize deferred tax assets and liabilities for the future tax consequences attributable to differences between the carrying amounts of assets and liabilities and their respective tax bases. Deferred tax assets and liabilities are measured using the enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect of a change in tax rates on deferred tax assets and liabilities is recognized in income in the period that includes the enactment date of such change. A valuation allowance is provided when it is more likely than not that a deferred tax asset will not be realized. In estimating the necessity and amount of a valuation allowance, we consider all available evidence for each jurisdiction, including historical operating results, estimates of future taxable income and the feasibility of ongoing tax planning strategies. We adjust the valuation allowance through income tax expense when new information becomes available that would alter our determination of the amount of deferred tax assets that will ultimately be realized.

Earnings per Share

Basic earnings per share is computed based on the weighted-average number of common shares outstanding during the year. Diluted earnings per share is computed based on the weighted-average number of common shares outstanding during the year plus the dilutive effect of common stock equivalents.

Translation of Non-U.S. Currency Amounts

In general, the functional currency of our foreign operations is the local currency. Assets and liabilities of subsidiaries operating outside the U.S. are translated at rates in effect at the end of the period and revenue and expenses are translated at average monthly rates during the period. Net deferred translation gains and losses are included as a component of accumulated other comprehensive loss.

Loss Contingencies

In the ordinary course of business, we are routinely defendants in, or party to, a number of pending and threatened legal actions. On a quarterly basis, we review the status of each significant matter and assess the potential financial exposure. If the potential loss from any claim or legal action is considered probable and can be reasonably estimated, we establish a liability for the estimated loss. The assessment of the ultimate outcome of each claim or legal action and the determination of the potential financial exposure requires significant judgment. Estimates of potential liabilities for claims or legal actions are based only on information that is available at that time. As additional information becomes available, we may revise our estimates, and these revisions could have a material impact on our results of operations and financial position. Legal fees are expensed as incurred.

New Accounting Pronouncements

New Accounting Pronouncements - Standards Adopted in 2021

In January 2021, we adopted ASU 2019-12, *Simplifying the Accounting for Income Taxes*. The ASU simplifies the accounting for income taxes by removing certain exceptions to the general principles and also clarifies and amends existing guidance. The adoption of this standard did not have a material impact on our consolidated financial statements.

In December 2021, we adopted ASU 2021-08, *Business Combinations (Topic 805): Accounting for Contract Assets and Contract Liabilities from Contracts with Customers*. The ASU requires that an entity (the acquirer) recognize and measure contract assets and contract liabilities acquired in a business combination in accordance with ASC 606. The adoption of this standard did not have a material impact on our consolidated financial statements.

New Accounting Pronouncements - Standards Not Yet Adopted

In March 2020, the FASB issued ASU 2020-04, *Reference Rate Reform (Topic 848): Facilitation of the Effects of Reference Rate Reform on Financial Reporting.* The transition to new reference interest rates will require certain contracts to be modified and the ASU is intended to provide temporary optional expedients and exceptions to U.S. GAAP guidance on contract modifications and hedge accounting to ease the financial reporting burdens related to the expected market transition from the London Interbank Offered Rate (LIBOR) and other interbank offered rates to alternative reference rates. The accommodations provided by the ASU are effective through December 31, 2022 and may be applied at the beginning of any interim period within that time frame.

We have matched LIBOR-based debt with LIBOR based interest rate swaps and have elected to apply the practical expedient related to probability and the assessment of the effectiveness for future LIBOR-indexed cash flows, which assumes that the debt instrument will use the same index rate as its corresponding interest rate swap once a new reference rate is established to replace LIBOR. We may apply other expedients as additional reference rate changes occur. We continue to assess the impact of this standard on our consolidated financial statements.

2. Revenue

Disaggregated Revenue

The following tables disaggregate our revenue by source and timing of recognition:

	Year Ended December 31, 2021											
	Global Ecommerce		Presort Services		SendTech Solutions	Revenue from products and services	Revenue from leasing transactions and financing	Total consolidated revenue				
Revenue from products and services												
Business services	\$ 1,702,580	\$	573,480	\$		\$ 2,334,674	\$ —	\$2,334,674				
Support services	_		_		460,888	460,888	_	460,888				
Financing	_		_		_	_	294,418	294,418				
Equipment sales	_		_		91,015	91,015	259,123	350,138				
Supplies	_		_		159,438	159,438	_	159,438				
Rentals	_		_		_	_	74,005	74,005				
Subtotal	1,702,580		573,480		769,955	3,046,015	\$ 627,546	\$3,673,561				
Revenue from leasing transactions and financing												
Financing	_		_		294,418	294,418						
Equipment sales	_		_		259,123	259,123						
Rentals	_		_		74,005	74,005						
Total revenue	\$1,702,580	\$	573,480	\$1								
			,		,	, ,						
Timing of revenue recognition from products and services												
Products/services transferred at a point in time	\$ —	\$	_	\$	318,077	\$ 318,077						
Products/services transferred over time	1,702,580		573,480		451,878	2,727,938						
Total	\$1,702,580	\$	573,480	\$	769,955	\$3,046,015						
				Ve	ear Ended De	ecember 31 202	_ 					
	Global Ecommerce		Presort Services	Υe	ear Ended De SendTech Solutions	Revenue from products and services	Revenue from leasing transactions and financing	Total consolidated revenue				
Revenue from products and services				Ye	SendTech	Revenue from products and	Revenue from leasing transactions	consolidated				
Revenue from products and services Business services		7 \$	Services		SendTech Solutions	Revenue from products and	Revenue from leasing transactions and financing	consolidated				
•	Ecommerce	7 \$	Services		SendTech Solutions	Revenue from products and services	Revenue from leasing transactions and financing	consolidated revenue				
Business services	Ecommerce	7 \$	Services		SendTech Solutions	Revenue from products and services	Revenue from leasing transactions and financing	consolidated revenue \$2,191,306				
Business services Support services	Ecommerce	7 \$	Services		SendTech Solutions	Revenue from products and services \$2,191,306 473,292	Revenue from leasing transactions and financing	\$2,191,306 473,292				
Business services Support services Financing	Ecommerce	7 \$	Services	2 \$	SendTech Solutions 51,197 473,292	Revenue from products and services \$2,191,306 473,292 74,660	Revenue from leasing transactions and financing \$ 341,034	\$2,191,306 473,292 341,034				
Business services Support services Financing Equipment sales	Ecommerce	7 \$	521,212	2 \$	SendTech Solutions 5 1,197 473,292 74,660	Revenue from products and services \$2,191,306 473,292 74,660	Revenue from leasing transactions and financing \$ 341,034 240,222	\$2,191,306 473,292 341,034 314,882				
Business services Support services Financing Equipment sales Supplies	Ecommerce	- - -	521,212	2 \$	SendTech Solutions 5 1,197 473,292 74,660	Revenue from products and services \$2,191,306 473,292	Revenue from leasing transactions and financing \$ — 341,034 240,222 — 74,279	\$2,191,306 473,292 341,034 314,882 159,282 74,279				
Business services Support services Financing Equipment sales Supplies Rentals Subtotal	\$1,618,897	- - -	521,212	2 \$	SendTech Solutions 5 51,197 473,292 74,660 159,282	Revenue from products and services \$2,191,306 473,292	Revenue from leasing transactions and financing \$ — 341,034 240,222 — 74,279	\$2,191,306 473,292 341,034 314,882 159,282 74,279				
Business services Support services Financing Equipment sales Supplies Rentals Subtotal Revenue from leasing transactions and financing	\$1,618,897	- - -	521,212	2 \$	SendTech Solutions 5 1,197 473,292 74,660 159,282 758,431	Revenue from products and services \$2,191,306 473,292	Revenue from leasing transactions and financing \$ 341,034 240,222 74,279 \$ 655,535	\$2,191,306 473,292 341,034 314,882 159,282 74,279				
Business services Support services Financing Equipment sales Supplies Rentals Subtotal Revenue from leasing transactions and financing Financing	\$1,618,897	- - -	521,212	2 \$	SendTech Solutions 5 51,197 473,292 74,660 159,282 758,431	Revenue from products and services \$2,191,306 473,292	Revenue from leasing transactions and financing \$ 341,034 240,222 74,279 \$ 655,535	\$2,191,306 473,292 341,034 314,882 159,282 74,279				
Business services Support services Financing Equipment sales Supplies Rentals Subtotal Revenue from leasing transactions and financing Financing Equipment sales	\$1,618,897	- - -	521,212	2 \$	SendTech Solutions 5 1,197 473,292 74,660 159,282 758,431 341,034 240,222	Revenue from products and services \$2,191,306 473,292 74,660 159,282 2,898,540 341,034 240,222	Revenue from leasing transactions and financing \$ 341,034 240,222 74,279 \$ 655,535	\$2,191,306 473,292 341,034 314,882 159,282 74,279				
Business services Support services Financing Equipment sales Supplies Rentals Subtotal Revenue from leasing transactions and financing Financing	\$1,618,897	- - - - -	521,212	2 \$	SendTech Solutions 5 51,197 473,292 74,660 159,282 758,431 341,034 240,222 74,279	Revenue from products and services \$2,191,306 473,292 74,660 159,282 2,898,540 341,034 240,222	Revenue from leasing transactions and financing \$ 341,034 240,222 74,279 \$ 655,535	\$2,191,306 473,292 341,034 314,882 159,282 74,279				
Business services Support services Financing Equipment sales Supplies Rentals Subtotal Revenue from leasing transactions and financing Financing Equipment sales Rentals Total revenue	\$1,618,897	- - - - -	521,212	2 \$	SendTech Solutions 5 51,197 473,292 74,660 159,282 758,431 341,034 240,222 74,279	Revenue from products and services \$2,191,306 473,292	Revenue from leasing transactions and financing \$ 341,034 240,222 74,279 \$ 655,535	\$2,191,306 473,292 341,034 314,882 159,282 74,279				
Business services Support services Financing Equipment sales Supplies Rentals Subtotal Revenue from leasing transactions and financing Financing Equipment sales Rentals Total revenue Timing of revenue recognition from products and services	\$1,618,897	- - - - - - - 7 \$	521,212	2 \$	SendTech Solutions 5 51,197 473,292 74,660 159,282 758,431 341,034 240,222 74,279 11,413,966	Revenue from products and services \$2,191,306 473,292 74,660 159,282 2,898,540 341,034 240,222 74,279 \$3,554,075	Revenue from leasing transactions and financing \$ 341,034 240,222 74,279 \$ 655,535	\$2,191,306 473,292 341,034 314,882 159,282 74,279				
Business services Support services Financing Equipment sales Supplies Rentals Subtotal Revenue from leasing transactions and financing Financing Equipment sales Rentals Total revenue Timing of revenue recognition from products and services Products/services transferred at a point in time	\$1,618,897 1,618,897 1,618,897 \$1,618,897	- - - - - - - - - - - - - - - - - - -	521,212	2 \$	SendTech Solutions 5 51,197 473,292 74,660 159,282 758,431 341,034 240,222 74,279 11,413,966	Revenue from products and services \$2,191,306 473,292 74,660 159,282 2,898,540 341,034 240,222 74,279 \$3,554,075	Revenue from leasing transactions and financing \$ 341,034 240,222 74,279 \$ 655,535	\$2,191,306 473,292 341,034 314,882 159,282 74,279				
Business services Support services Financing Equipment sales Supplies Rentals Subtotal Revenue from leasing transactions and financing Financing Equipment sales Rentals Total revenue Timing of revenue recognition from products and services	\$1,618,897	- - - - - - - - - - - - - - - - - - -	521,212 521,212 521,212 521,212	2 \$	SendTech Solutions 5 51,197 473,292 74,660 159,282 758,431 341,034 240,222 74,279 51,413,966 5 293,648 464,783	Revenue from products and services \$2,191,306 473,292	Revenue from leasing transactions and financing \$ 341,034 240,222 74,279 \$ 655,535	\$2,191,306 473,292 341,034 314,882 159,282 74,279				

Year Ended December 31, 2019 Revenue from leasing Revenue from Total Global SendTech consolidated Presort products and transactions and financing Ecommerce Services Solutions services revenue Revenue from products and services \$1,151,510 \$ 529,588 \$ 29,703 \$1,710,801 \$ \$1,710,801 Business services 506,187 506.187 506,187 Support services 368,090 368,090 Financing 80,562 271,542 352,104 Equipment sales 80,562 187,287 187,287 187,287 Supplies 80,656 80,656 Rentals 1,151,510 529,588 720,288 \$3,205,125 803.739 2,484,837 Subtotal Revenue from leasing transactions and financing 368,090 368,090 Financing 271,542 271,542 Equipment sales Rentals 80,656 80,656 \$1,151,510 \$ 529,588 \$1,524,027 \$3,205,125 **Total revenue** Timing of revenue recognition from products and services \$ \$ 334,046 \$ 334,046 Products/services transferred at a point in time 1,151,510 469,693 2.150.791 529,588 Products/services transferred over time \$1,151,510 \$ 529,588 \$ 803,739 \$2,484,837 Total

Our performance obligations for revenue from products and services are as follows:

Business services includes fulfillment, delivery and return services, cross-border solutions, mail processing services and shipping subscription solutions. Revenue for fulfillment, delivery and return services, cross-border solutions and mail processing services is recognized over time using an output method based on the number of parcels or mail pieces either processed or delivered, depending on the service type, since that measure best depicts the value of goods and services transferred to the client over the contract period. Contract terms for these services range from one to five years followed by annual renewal periods. Revenue for shipping subscription solutions is recognized ratably over the contract period as the client obtains equal benefit from these services through the period.

Support services includes providing maintenance, professional and subscription services for our equipment and digital mailing and shipping technology solutions. Contract terms range from one to five years, depending on the term of the lease contract for the related equipment. Revenue for maintenance and subscription services is recognized ratably over the contract period and revenue for professional services is recognized when services are provided.

Equipment sales generally includes the sale of mailing and shipping equipment, excluding sales-type leases. We recognize revenue upon delivery for self-install equipment and upon acceptance or installation for other equipment. We provide a warranty that the equipment is free of defects and meets stated specifications. The warranty is not considered a separate performance obligation.

Supplies revenue includes revenue from supplies for our mailing equipment and is recognized upon delivery.

Revenue from leasing transactions and financing includes revenue from sales-type and operating leases, finance income, late fees and investment income, gains and losses at the Bank.

Advance Billings from Contracts with Customers

	Balance Sheet Location	De	cember 31, 2021	Do	ecember 31, 2020	Increase/ (decrease)
Advance billings, current	Advance billings	\$	92,926	\$	106,498	\$ (13,572)
Advance billings, noncurrent	Other noncurrent liabilities	\$	1,109	\$	1,277	\$ (168)

Advance billings are recorded when cash payments are due in advance of our performance. Revenue is recognized ratably over the contract term. Items in advance billings primarily relate to support services on mailing equipment. Revenue recognized during the twelve months ended December 31, 2021 includes \$106 million of advance billings at the beginning of the period. Advance billings, current at December 31, 2021 and 2020 also includes \$6 million and \$8 million, respectively, from leasing transactions.

Future Performance Obligations

Future performance obligations include revenue streams bundled with our leasing contracts, primarily maintenance and subscription services. The transaction prices allocated to future performance obligations will be recognized as follows:

	2022		2022 2023				 2024-2026	 Total
SendTech Solutions	\$	276,314	\$	196,265	\$ 213,395	\$ 685,974		

The table above does not include revenue for performance obligations under contracts with terms less than 12 months or revenue for performance obligations where revenue is recognized based on the amount billable to the customer.

3. Segment Information

Our reportable segments are Global Ecommerce, Presort Services and SendTech Solutions. The principal products and services of each reportable segment are as follows:

Global Ecommerce: Includes the revenue and related expenses from domestic parcel services, cross-border solutions and digital delivery services.

Presort Services: Includes the revenue and related expenses from sortation services to qualify large volumes of First Class Mail, Marketing Mail, Marketing Mail Flats and Bound Printed Matter for postal worksharing discounts.

SendTech Solutions: Includes the revenue and related expenses from physical and digital mailing and shipping technology solutions, financing, services, supplies and other applications to help simplify and save on the sending, tracking and receiving of letters, parcels and flats.

Management measures segment profitability and performance using segment earnings before interest and taxes (EBIT). Segment EBIT is calculated by deducting from segment revenue the related costs and expenses attributable to the segment. Segment EBIT excludes interest, taxes, general corporate expenses, restructuring charges, asset and goodwill impairment charges and other items not allocated to a particular business segment. Costs related to shared assets are allocated to the relevant segments. Management believes that it provides investors a useful measure of operating performance and underlying trends of the business. Segment EBIT may not be indicative of our overall consolidated performance and therefore, should be read in conjunction with our consolidated results of operations. The following tables provide information about our reportable segments and reconciliation of segment EBIT to net (loss) income. As a result of change from LIFO to FIFO inventory valuation discussed in Note 1, SendTech Solutions EBIT for 2020 and 2019 has also been recast.

	Revenue							
		Ye	ars E	nded December	31,			
		2021		2020		2019		
Global Ecommerce	\$	1,702,580	\$	1,618,897	\$	1,151,510		
Presort Services		573,480		521,212		529,588		
SendTech Solutions		1,397,501		1,413,966		1,524,027		
Total revenue	\$	3,673,561	\$	3,554,075	\$	3,205,125		
Geographic data:								
United States	\$	3,114,905	\$	3,112,285	\$	2,745,928		
Outside United States		558,656		441,790		459,197		
Total revenue	\$	3,673,561	\$	3,554,075	\$	3,205,125		

		ЕВІТ						
		Years l	Ended December	31,				
	2021		2020		2019			
Global Ecommerce	\$ (98,67	3) \$	(82,894)	\$	(70,146)			
Presort Services	79,72	1	55,799		70,693			
SendTech Solutions	429,41	5	442,648		489,912			
Total segment EBIT	410,46	3	415,553		490,459			
Reconciling items:								
Interest, net	(143,94	5)	(153,915)		(155,558)			
Unallocated corporate expenses	(207,77	4)	(200,406)		(211,529)			
Restructuring charges and asset impairments	(19,00	3)	(20,712)		(69,606)			
Goodwill impairment	-	_	(198,169)		_			
Loss on debt refinancing	(56,20	9)	(36,987)		(6,623)			
Gain (loss) on sale of assets/businesses	11,63	5	11,908		(17,683)			
Transaction costs	(2,58	2)	(641)		(2,728)			
Benefit (provision) for income taxes	10,92	2	(7,122)		13,127			
Income (loss) from continuing operations	3,50	7	(190,491)		39,859			
(Loss) income from discontinued operations, net of tax	(4,85	8)	10,115		154,460			
Net (loss) income	\$ (1,35	1) \$	(180,376)	\$	194,319			

	Depreciation and amortization								
	Years Ended December 31,								
		2021	2020			2019			
Global Ecommerce	\$	79,128	\$	69,676	\$	68,385			
Presort Services		27,243		31,769		29,440			
SendTech Solutions		29,950		34,316		39,758			
Total for reportable segments		136,321		135,761		137,583			
Corporate		26,538		24,864		21,559			
Total depreciation and amortization	\$	162,859	\$	160,625	\$	159,142			

	 Capital expenditures								
	 Years Ended December 31,								
	 2021		2020		2019				
Global Ecommerce	\$ 89,488	\$	46,427	\$	53,374				
Presort Services	36,628		15,795		27,394				
SendTech Solutions	 26,028		28,823		32,276				
Total for reportable segments	152,144		91,045		113,044				
Corporate	 31,898		13,942		24,209				
Total capital expenditures	\$ 184,042	\$	104,987	\$	137,253				

			Assets	
		I	December 31,	
	2021		2020	2019
Global Ecommerce	\$ 1,032,434	\$	994,554	\$ 1,102,313
Presort Services	479,392		523,690	524,817
SendTech Solutions	2,013,361		2,071,028	2,156,806
Total for reportable segments	3,525,187		3,589,272	3,783,936
Cash and cash equivalents	732,480		921,450	924,442
Short-term investments	14,440		18,974	115,879
Assets of discontinued operations	_		_	17,229
Long-term investments	333,052		364,212	238,882
Other corporate assets	 353,712		330,455	 389,590
Consolidated assets	\$ 4,958,871	\$	5,224,363	\$ 5,469,958
Identifiable long-lived assets:				
United States	\$ 658,070	\$	613,990	\$ 596,694
Outside United States	14,294		17,641	21,460
Total	\$ 672,364	\$	631,631	\$ 618,154

In 2021, \$35 million of assets were transferred from Presort Services to Global Ecommerce.

4. Discontinued Operations

Discontinued operations includes net working capital and other adjustments relating to the sale of Software Solutions business in 2019 (except for the software business in Australia, which closed in January 2020), and the Production Mail business in 2018. Discontinued operations for the year ended December 31, 2021 also includes a tax charge related to the sale of the Production Mail business. Discontinued operations for the year ended December 31, 2019 also includes the operating results of the Software Solutions business.

Selected financial information of discontinued operations is as follows:

		Year Ended December 31, 2 Software Solutions Production Mail									
	Softwa	Software Solutions				Total					
Loss on sale	\$	(1,827)	\$	_	\$	(1,827)					
Tax provision						3,031					
Loss from discontinued operations, net of tax					\$	(4,858)					
		Yea	ar Ended D	ecember 31, 2	020						
	Softwa	are Solutions	Produ	ction Mail		Total					
Gain (loss) on sale	\$	7,972	\$	(167)	\$	7,805					
Tax benefit						(2,310)					
Tun benefit											

		Yea	ar Ende	d December 31, 2	019	
	Sof	tware Solutions	Pro	oduction Mail		Total
Revenue	\$	272,565	\$	_	\$	272,565
Earnings (loss) from discontinued operations	\$	22,160	\$	(663)	\$	21,497
Gain (loss) on sale		195,957		(14,644)		181,313
Income (loss) from discontinued operations before taxes	\$	218,117	\$	(15,307)		202,810
Tax provision						48,350
Income from discontinued operations, net of tax					\$	154,460

5. Earnings per Share (EPS)

The calculations of basic and diluted earnings per share are presented below. The sum of earnings per share amounts may not equal the totals due to rounding.

	Years Ended December 31,								
		2021		2020		2019			
Numerator:									
Income (loss) from continuing operations	\$	3,507	\$	(190,491)	\$	39,859			
(Loss) income from discontinued operations, net of tax		(4,858)		10,115		154,460			
Net (loss) income (numerator for diluted EPS)		(1,351)		(180,376)		194,319			
Less: Preference stock dividend						8			
(Loss) income attributable to common stockholders (numerator for basic EPS)	\$	(1,351)	\$	(180,376)	\$	194,311			
Denominator:									
Weighted-average shares used in basic EPS		173,914		171,519		176,251			
Dilutive effect of common stock equivalents (1)		5,191		<u> </u>		1,198			
Weighted-average shares used in diluted EPS		179,105		171,519		177,449			
Basic (loss) earnings per share:									
Continuing operations	\$	0.02	\$	(1.11)	\$	0.23			
Discontinued operations		(0.03)		0.06		0.88			
Net (loss) income	\$	(0.01)	\$	(1.05)	\$	1.10			
Diluted (loss) earnings per share:									
Continuing operations	\$	0.02	\$	(1.11)	\$	0.22			
Discontinued operations		(0.03)		0.06		0.87			
Net (loss) income	\$	(0.01)	\$	(1.05)	\$	1.10			
Common stock equivalents excluded from calculation of diluted earnings per share because their impact would be anti-dilutive:		6,514		11,626		15,751			

⁽¹⁾ Due to the loss from continuing operations for the year ended December 31, 2020, common stock equivalents of 2,483 were excluded from the calculation of diluted earnings per share as the impact would have been anti-dilutive.

6. Inventories

Inventories consisted of the following:

	 Decem	ıber 31,			
	 2021	2020			
Raw materials	\$ 22,352	\$	16,570		
Supplies and service parts	26,076		24,061		
Finished products	30,160		30,849		
Total inventory, net	\$ 78,588	\$	71,480		

7. Finance Assets and Lessor Operating Leases

Finance Assets

All finance receivables are in our SendTech segment. We segregate our finance receivables into a North America portfolio and International portfolio. Finance receivables consisted of the following:

	Г)ece	mber 31, 202	1	_	December 31, 2020					
	North America	International		Total	North America		International		Total		
Sales-type lease receivables											
Gross finance receivables	\$ 958,440	\$	187,831	\$ 1,146,271	\$	994,985	\$	211,944	\$ 1,206,929		
Unguaranteed residual values	37,896		10,717	48,613		36,405		12,140	48,545		
Unearned income	(246,381)		(56,643)	(303,024)		(275,359)		(61,686)	(337,045)		
Allowance for credit losses	(19,546)		(3,246)	(22,792)		(22,917)		(6,006)	(28,923)		
Net investment in sales-type lease receivables	730,409		138,659	869,068		733,114		156,392	889,506		
Loan receivables											
Loan receivables	262,310		20,155	282,465		268,690		22,092	290,782		
Allowance for credit losses	(3,259)		(167)	(3,426)		(6,484)		(462)	(6,946)		
Net investment in loan receivables	 259,051		19,988	279,039		262,206		21,630	283,836		
Net investment in finance receivables	\$ 989,460	\$	158,647	\$ 1,148,107	\$	995,320	\$	178,022	\$ 1,173,342		

Maturities of finance receivables at December 31, 2021 were as follows:

	Sales-type Lease Receivables						Loan Receivables					
	No	rth America	In	ternational		Total	No	rth America	Int	ernational		Total
2022	\$	379,948	\$	75,525	\$	455,473	\$	226,322	\$	20,155	\$	246,477
2023		276,501		53,695		330,196		15,383				15,383
2024		177,005		32,799		209,804		12,278		_		12,278
2025		93,071		17,958		111,029		6,880				6,880
2026		31,092		6,508		37,600		1,447		_		1,447
Thereafter		823		1,346		2,169		_		_		_
Total	\$	958,440	\$	187,831	\$ 1	,146,271	\$	262,310	\$	20,155	\$	282,465

Allowance for Credit Losses

Activity in the allowance for credit losses on finance receivables was as follows:

	 Sales-type Lea	se Rec	eivables	Loan Rec	ceivables	
	North America	In	ternational	North America	International	Total
Balance at December 31, 2018	\$ 10,253	\$	2,355	\$ 6,777	\$ 837	\$ 20,222
Amounts charged to expense	5,672		1,157	4,746	569	12,144
Write-offs	(6,971)		(1,505)	(8,971)	(849)	(18,296)
Recoveries	1,717		181	3,519	9	5,426
Other	 249		(103)	 (165)	174	 155
Balance at December 31, 2019	10,920		2,085	 5,906	740	19,651
Cumulative effect of accounting change	9,271		1,750	(1,116)	(402)	9,503
Amounts charged to expense	10,789		2,902	8,158	555	22,404
Write-offs	(7,609)		(1,068)	(9,955)	(551)	(19,183)
Recoveries	2,070		194	3,474	4	5,742
Other	 (2,524)		143	 17	116	(2,248)
Balance at December 31, 2020	22,917		6,006	6,484	462	35,869
Amounts charged to expense	648		(1,788)	(426)	19	(1,547)
Write-offs	(7,120)		(846)	(6,045)	(302)	(14,313)
Recoveries	3,097		173	3,245	3	6,518
Other	4		(299)	1	(15)	(309)
Balance at December 31, 2021	\$ 19,546	\$	3,246	\$ 3,259	\$ 167	\$ 26,218

Aging of Receivables

The aging of gross finance receivables was as follows:

					Dece	mber 31, 2021				
		Sales-type Lea	ise Rec	eivables	Dece	Loan Re	ceivabl	es		
		North America		ternational		North America	Int	ernational		Total
Amounts 0 - 90 days	\$	950,138	\$	185,057	\$	258,514	\$	20,018	\$	1,413,727
Amounts > 90 days		8,302		2,774		3,796		137		15,009
Total	\$	958,440	\$	187,831	\$	262,310	\$	20,155	\$	1,428,736
Amounts > 90 days										
Still accruing interest	\$	4,964	\$	682	\$	_	\$	_	\$	5,646
Not accruing interest		3,338		2,092		3,796		137		9,363
Total	\$	8,302	\$	2,774	\$	3,796	\$	137	\$	15,009
					Dece	ember 31, 2020				
		Sales-type Lea	ise Rec	eivables		Loan Re	ceivable	es		
		North America	Ir	ternational		North America	In	ternational		Total
Amounts 0 - 90 days	\$	972,266	\$	208,968	\$	264,484	\$	21,932	\$	1,467,650
Amounts > 90 days		22,719		2,976		4,206		160		30,061
		,								1 407 711
Total	\$	994,985	\$	211,944	\$	268,690	\$	22,092	\$	1,497,711
·	\$		\$	211,944	\$	268,690	\$	22,092	\$	1,497,711
Total	\$ \$		\$	211,944	\$	268,690 1,797	\$	22,092	\$ \$	7,447
Total Amounts > 90 days		994,985								
Total Amounts > 90 days Still accruing interest		994,985 5,128		463		1,797		59		7,447

Credit Quality

The extension of credit and management of credit lines to new and existing clients uses a combination of a client's credit score, where available, a detailed manual review of their financial condition and payment history or an automated process. Once credit is granted, the payment performance of the client is managed through automated collections processes and is supplemented with direct follow up should an account become delinquent. We have robust automated collections and extensive portfolio management processes to ensure that our global strategy is executed, collection resources are allocated and enhanced tools and processes are implemented as needed.

Over 85% of our finance receivables are within our North American portfolio. We use a third party to score the majority of this portfolio on a quarterly basis using a proprietary commercial credit score. The relative scores are determined based on a number of factors, including financial information, payment history, company type and ownership structure. We stratify the third party's credit scores of our clients into low, medium and high-risk accounts. Due to timing and other issues, our entire portfolio may not be scored at period end. We report these amounts as "Not Scored"; however, absence of a score is not indicative of the credit quality of the account. The third-party credit score is used to predict the payment behaviors of our clients and the probability that an account will become greater than 90 days past due during the subsequent 12-month period.

- Low risk accounts are companies with very good credit scores and a predicted delinquency rate of less than 5%.
- Medium risk accounts are companies with average to good credit scores and a predicted delinquency rate between 5% and 10%.
- High risk accounts are companies with poor credit scores, are delinquent or are at risk of becoming delinquent. The predicted delinquency rate would be greater than 10%.

We do not use a third party to score our International portfolio because the cost to do so is prohibitive as there is no single credit score model that covers all countries. Accordingly, the entire International portfolio is reported in the Not Scored category. This portfolio comprises approximately 15% of our total finance receivables. Most of our International credit applications are small dollar applications (i.e. below \$50 thousand) and are subjected to an automated review process. Larger credit applications are manually reviewed, which includes obtaining client financial information, credit reports and other available information.

The table below shows the gross sales-type lease receivable and loan receivable balances by relative risk class and year of origination based on the relative scores of the accounts within each class as of December 31, 2021 and 2020.

		Sales Type Lea	ase Receivables				
2021	2020	2019	2018	2017	Prior	Loan Receivables	Total
\$ 274,191	\$ 195,421	\$ 162,479	\$ 95,661	\$ 33,698	\$ 14,862	\$ 192,161	\$ 968,473
43,403	34,955	31,038	17,895	6,981	3,619	55,708	193,599
5,474	5,017	4,044	2,708	849	889	4,822	23,803
45,644	54,097	47,973	33,998	19,161	12,214	29,774	242,861
\$ 368,712	\$ 289,490	\$ 245,534	\$ 150,262	\$ 60,689	\$ 31,584	\$ 282,465	\$ 1,428,736
	\$ 274,191 43,403 5,474 45,644	\$ 274,191 \$ 195,421 43,403 34,955 5,474 5,017 45,644 54,097	2021 2020 2019 \$ 274,191 \$ 195,421 \$ 162,479 43,403 34,955 31,038 5,474 5,017 4,044 45,644 54,097 47,973	\$ 274,191 \$ 195,421 \$ 162,479 \$ 95,661 43,403 34,955 31,038 17,895 5,474 5,017 4,044 2,708 45,644 54,097 47,973 33,998	2021 2020 2019 2018 2017 \$ 274,191 \$ 195,421 \$ 162,479 \$ 95,661 \$ 33,698 43,403 34,955 31,038 17,895 6,981 5,474 5,017 4,044 2,708 849 45,644 54,097 47,973 33,998 19,161	2021 2020 2019 2018 2017 Prior \$ 274,191 \$ 195,421 \$ 162,479 \$ 95,661 \$ 33,698 \$ 14,862 43,403 34,955 31,038 17,895 6,981 3,619 5,474 5,017 4,044 2,708 849 889 45,644 54,097 47,973 33,998 19,161 12,214	2021 2020 2019 2018 2017 Prior Receivables \$ 274,191 \$ 195,421 \$ 162,479 \$ 95,661 \$ 33,698 \$ 14,862 \$ 192,161 43,403 34,955 31,038 17,895 6,981 3,619 55,708 5,474 5,017 4,044 2,708 849 889 4,822 45,644 54,097 47,973 33,998 19,161 12,214 29,774

			Sales Type Lea	ase Receivables				
	2020	2019	2018	2017	2016	Prior	Loan Receivables	Total
Low	\$ 256,573	\$ 228,344	\$ 165,244	\$ 87,346	\$ 30,518	\$ 12,249	\$ 192,971	\$ 973,245
Medium	50,785	49,946	37,168	21,388	6,470	2,375	61,625	229,757
High	6,182	5,396	3,782	1,974	1,051	143	4,518	23,046
Not Scored	80,854	77,362	48,704	24,291	7,813	971	31,668	271,663
Total	\$ 394,394	\$ 361,048	\$ 254,898	\$ 134,999	\$ 45,852	\$ 15,738	\$ 290,782	\$ 1,497,711

Lease Income

Lease income from sales-type leases, excluding variable lease payments, was as follows:

	Years Ended December 31,								
	2021 2020					2019			
Profit recognized at commencement	\$	127,469	\$	117,359	\$	146,923			
Interest income		186,532		206,517		229,719			
Total lease income from sales-type leases	\$	314,001	\$	323,876	\$	376,642			

Lessor Operating Leases

We also lease mailing equipment under operating leases with terms of one to five years. Maturities of these operating leases are as follows:

2022	\$ 22,782
2023	13,607 16,444
2024	16,444
2025	4,185
2026	902
Thereafter	 59
Total	\$ 57,979

8. Fixed Assets

Fixed assets consisted of the following:

	Decem	cember 31,			
	2021		2020		
Land	\$ 	\$	9,333		
Machinery and equipment	707,843		617,748		
Capitalized software	488,837		443,400		
Buildings and improvements	126,456		203,788		
	1,323,136		1,274,269		
Accumulated depreciation	(893,974)		(882,989)		
Property, plant and equipment, net	\$ 429,162	\$	391,280		
Rental property and equipment	\$ 125,967	\$	145,954		
Accumulated depreciation	(91,193)		(107,519)		
Rental property and equipment, net	\$ 34,774	\$	38,435		

Depreciation expense was \$132 million, \$127 million and \$123 million for the years ended December 31, 2021, 2020 and 2019, respectively.

In November 2021, we entered into an agreement to sell our Shelton, Connecticut facility and simultaneously entered into a ten year lease agreement. This transaction did not close as of December 31, 2021, and accordingly, the net book value for the building and land of \$36 million was classified as assets held-for-sale in other current assets and prepayments in the December 31, 2021 Consolidated Balance Sheet. See also Note 21 Subsequent Events.

9. Intangible Assets and Goodwill

Intangible Assets

Intangible assets consisted of the following:

	December 31, 2021						December 31, 2020					
		Gross Carrying Amount	Accumulated Amortization		Net Carrying Amount		Gross Carrying Amount		Accumulated Amortization			Net Carrying Amount
Customer relationships	\$	268,187	\$	(141,492)	\$	126,695	\$	268,199	\$	(115,010)	\$	153,189
Software & technology		21,981		(16,234)		5,747		19,000		(12,350)		6,650
Total intangible assets, net	\$	290,168	\$	(157,726)	\$	132,442	\$	287,199	\$	(127,360)	\$	159,839

Amortization expense was \$30 million, \$33 million and \$36 million for the years ended December 31, 2021, 2020 and 2019, respectively.

Future amortization expense for intangible assets at December 31, 2021 is as follows:

2022	\$ 29,812
2023	26,962 26,962
2024	26,962
2025	20,302 14,148
2026	
Thereafter	 14,256
Total	\$ 132,442

Actual amortization expense may differ from the amounts above due to, among other things, fluctuations in foreign currency exchange rates, acquisitions, divestitures and impairment charges.

Goodwill

Changes in the carrying amount of goodwill by reporting segment are shown in the tables below.

	Goodw befor accumul impairn	e ated	 ccumulated mpairment	De	ecember 31, 2020	quisitions/ spositions	F.	X Impact	D	ecember 31, 2021
Global Ecommerce	\$ 609	,431	\$ (198,169)	\$	411,262	\$ (16,200)	\$	_	\$	395,062
Presort Services	220	,992	_		220,992	_		_		220,992
SendTech Solutions	520	,031	 <u> </u>		520,031	 13,804		(14,786)		519,049
Total goodwill	\$ 1,350	,454	\$ (198,169)	\$	1,152,285	\$ (2,396)	\$	(14,786)	\$	1,135,103

	December 31, 2019		Acquisitions		Impairment	FX Impact		De	ecember 31, 2020
Global Ecommerce	\$	609,431	\$	_	\$ (198,169)	\$	_	\$	411,262
Presort Services		212,529		8,463	_		_		220,992
SendTech Solutions		502,219		<u> </u>			17,812		520,031
Total goodwill	\$	1,324,179	\$	8,463	\$ (198,169)	\$	17,812	\$	1,152,285

During the second quarter of 2021, we sold a U.K. based software consultancy business ("Tacit") acquired as part of our 2017 acquisition of Newgistics. We received net proceeds of \$28 million and recognized a pre-tax gain of \$10 million (after-tax gain of \$4 million), which included a goodwill allocation of \$16 million attributable to Tacit. In the fourth quarter of 2021, we acquired CrescoData for \$15 million in cash plus potential additional payments of up to \$7 million based on the achievement of revenue targets during 2022-2024. CrescoData is a Singapore based, Platform-as-a-Service business that enables mapping and automating of product, stock and order data between platforms and is included in our SendTech Solutions segment.

10. Fair Value Measurements and Derivative Instruments

We measure certain financial assets and liabilities at fair value on a recurring basis. Fair value is a market-based measure considered from the perspective of a market participant rather than an entity-specific measure. An entity is required to classify certain assets and liabilities measured at fair value based on the following fair value hierarchy that prioritizes the inputs used to measure fair value:

- <u>Level 1</u> Unadjusted quoted prices in active markets for identical assets and liabilities.
- <u>Level 2</u> Quoted prices for identical assets and liabilities in markets that are not active, quoted prices for similar assets and liabilities in active markets or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.
- <u>Level 3</u> Unobservable inputs that are supported by little or no market activity, may be derived from internally developed methodologies based on management's best estimate of fair value and that are significant to the fair value of the asset or liability.

Financial assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. Our assessment of the significance of a particular input to the fair value measurement requires judgment and may affect its placement within the fair value hierarchy. The following tables show, by level within the fair value hierarchy, our financial assets and liabilities that are accounted for at fair value on a recurring basis.

	December 31, 2021										
		Level 1		Level 2		Level 3		Total			
Assets:											
Investment securities											
Money market funds	\$	88,705	\$	338,043	\$	_	\$	426,748			
Equity securities		_		29,356		_		29,356			
Commingled fixed income securities		1,692		16,815		_		18,507			
Government and related securities		9,790		25,439		_		35,229			
Corporate debt securities		_		65,167		_		65,167			
Mortgage-backed / asset-backed securities		_		172,018		_		172,018			
Derivatives											
Interest rate swap		_		3,103		_		3,103			
Foreign exchange contracts				2,474		<u> </u>		2,474			
Total assets	\$	100,187	\$	652,415	\$		\$	752,602			
Liabilities:											
Derivatives											
Foreign exchange contracts	\$	_	\$	(304)	\$	_	\$	(304)			
Total liabilities	\$		\$	(304)	\$		\$	(304)			

(Tabular amounts in thousands, except per share amounts)

		Decembe	r 31,	2020	
	 Level 1	Level 2		Level 3	Total
Assets:					
Investment securities					
Money market funds	\$ 73,228	\$ 434,791	\$	_	\$ 508,019
Equity securities	_	26,583		_	26,583
Commingled fixed income securities	1,722	19,669		_	21,391
Government and related securities	16,776	16,757		_	33,533
Corporate debt securities	_	71,433		_	71,433
Mortgage-backed / asset-backed securities	_	220,678		_	220,678
Derivatives					
Foreign exchange contracts	 	3,776			3,776
Total assets	\$ 91,726	\$ 793,687	\$		\$ 885,413
Liabilities:					
Derivatives					
Interest rate swaps	\$ _	\$ (2,163)	\$	_	\$ (2,163)
Foreign exchange contracts		(1,960)		_	(1,960)
Total liabilities	\$	\$ (4,123)	\$		\$ (4,123)

Investment Securities

The valuation of investment securities is based on a market approach using inputs that are observable, or can be corroborated by observable data, in an active marketplace. The following information relates to our classification within the fair value hierarchy:

- Money Market Funds: Money market funds typically invest in government securities, certificates of deposit, commercial paper and other highly liquid, low risk securities. Money market funds are principally used for overnight deposits and are classified as Level 1 when unadjusted quoted prices in active markets are available and as Level 2 when they are not actively traded on an exchange.
- Equity Securities: Equity securities are comprised of mutual funds investing in U.S. and foreign stocks. These mutual funds are classified as Level 2.
- Commingled Fixed Income Securities: Commingled fixed income securities are comprised of mutual funds that invest in a variety of fixed income securities, including securities of the U.S. government and its agencies, corporate debt, mortgage-backed securities and asset-backed securities. Fair value is based on the value of the underlying investments owned by each fund, minus its liabilities, divided by the number of shares outstanding, as reported by the fund manager. These mutual funds are classified as Level 1 when unadjusted quoted prices in active markets are available and as Level 2 when they are not actively traded on an exchange.
- Government and Related Securities: Debt securities are classified as Level 1 where active, high volume trades for identical securities exist. Valuation adjustments are not applied to these securities. Debt securities are classified as Level 2 where fair value is determined using quoted market prices for similar securities or benchmarking model derived prices to quoted market prices and trade data for identical or comparable securities.
- Corporate Debt Securities: Corporate debt securities are valued using recently executed comparable transactions, market price quotations or bond spreads for the same maturity as the security. These securities are classified as Level 2.
- Mortgage-Backed Securities / Asset-Backed Securities: These securities are valued based on external pricing indices or on external price/spread data. These securities are classified as Level 2.

Derivative Securities

- Foreign Exchange Contracts: The valuation of foreign exchange derivatives is based on a market approach using observable market inputs, such as foreign currency spot and forward rates and yield curves. These securities are classified as Level 2.
- *Interest Rate Swaps*: The valuation of interest rate swaps is based on an income approach using inputs that are observable or that can be derived from, or corroborated by, observable market data. These securities are classified as Level 2.

Available-For-Sale Securities

Available-for-sale securities consisted of the following:

				Decembe	r 31, 2	021		
	Am	ortized cost	ur	Gross realized gains	u	Gross nrealized losses	Es	timated fair value
Government and related securities	\$	36,160	\$	81	\$	(1,012)	\$	35,229
Corporate debt securities		67,906		259		(2,998)		65,167
Commingled fixed income securities		1,725		_		(33)		1,692
Mortgage-backed / asset-backed securities		176,559		144		(4,685)		172,018
Total	\$	282,350	\$	484	\$	(8,728)	\$	274,106
	Am	ortized cost	Gros	Decembers unrealized gains		oss unrealized losses	Es	stimated fair value
Government and related securities	\$	31,882	\$	157	\$	(78)	\$	31,961
Corporate debt securities		71,174		614		(355)		71,433
Commingled fixed income securities		1,706		16		_		1,722
Mortgage-backed / asset-backed securities		220,659		734		(715)		220,678
Total	\$	325,421	\$	1,521	\$	(1,148)	\$	325,794

Investment securities in a loss position were as follows:

	December 31, 2021						r 31, 2	31, 2020	
	Gı Fair Value		Gro	Gross unrealized losses		Fair Value	Gro	ss unrealized losses	
Greater than 12 continuous months									
Government and related securities	\$	16,018	\$	579	\$		\$		
Corporate debt securities		51,385		2,658		_		_	
Mortgage-backed / asset-backed securities		135,441		4,057		2,369		76	
Total	\$	202,844	\$	7,294	\$	2,369	\$	76	
Less than 12 continuous months									
Government and related securities	\$	15,438	\$	433	\$	8,500	\$	78	
Corporate debt securities		8,859		339		39,313		355	
Commingled fixed income securities		1,692		33		_		_	
Mortgage-backed / asset-backed securities		30,754		629		84,454		639	
Total	\$	56,743	\$	1,434	\$	132,267	\$	1,072	

At December 31, 2021, approximately 37% of total securities in the investment portfolio were in a net loss position. Our allowance for credit losses on available-for-sale investment securities is not significant, but we believe it is adequate as our investments are primarily in highly liquid U.S. government and agency securities, high grade corporate bonds and municipal bonds. We have not recognized an impairment on investment securities in an unrealized loss position because we have the ability and intent to hold these securities until recovery of the unrealized losses or expect to receive the stated principal and interest at maturity.

At December 31, 2021, scheduled maturities of available-for-sale securities were as follows:

	Am	ortized cost	Est	imated fair value
Within 1 year	\$	2,430	\$	2,405
After 1 year through 5 years		14,811		14,544
After 5 years through 10 years		75,630		72,616
After 10 years		189,479		184,541
Total	\$	282,350	\$	274,106

The actual maturities may not coincide with scheduled maturities as certain securities contain early redemption features and/or allow for the prepayment of obligations with or without penalty.

Held-to-Maturity Securities

Held-to-maturity securities at December 31, 2021 and 2020 totaled \$20 million and \$75 million, respectively.

Derivative Instruments

Foreign Exchange Contracts

We enter into foreign exchange contracts to mitigate the currency risk associated with anticipated inventory purchases between affiliates and from third parties. These contracts are designated as cash flow hedges. The effective portion of the gain or loss on cash flow hedges is included in AOCL in the period that the change in fair value occurs and is reclassified to earnings in the period that the hedged item is recorded in earnings. At December 31, 2021 and 2020, outstanding contracts associated with these anticipated transactions had a notional amount of \$1 million and \$8 million, respectively.

Interest Rate Swaps

We enter into interest rate swaps to manage the cost of debt. At December 31, 2021, we had outstanding interest rate swap agreements with a notional value of \$200 million that are designated as cash flow hedges. The fair value of the interest rate swaps is recorded as a derivative asset or liability at the end of each reporting period with the change in fair value reflected in AOCL. At December 31, 2020, we had interest rate swap agreements with a notional value of \$500 million that was terminated during 2021.

The fair value of our derivative instruments was as follows:

		 Decem	ber 31,			
Designation of Derivatives	Balance Sheet Location	2021		2020		
Derivatives designated as hedging instruments						
Foreign exchange contracts	Other current assets and prepayments	\$ 21	\$	96		
	Accounts payable and accrued liabilities	(10)		(112)		
Interest rate swaps	Other assets (Other noncurrent liabilities)	3,103		(2,163)		
Derivatives not designated as hedging instruments						
Foreign exchange contracts	Other current assets and prepayments	2,453		3,680		
	Accounts payable and accrued liabilities	(294)		(1,848)		
	Total derivative assets	5,577		3,776		
	Total derivative liabilities	(304)		(4,123)		
	Total net derivative asset (liability)	\$ 5,273	\$ (34			

The amounts included in AOCL at December 31, 2021 will be recognized in earnings within the next 12 months. No amount of ineffectiveness was recorded in earnings for these designated cash flow hedges.

The following represents the results of cash flow hedging relationships:

	 Years Ended December 31,										
	 Derivative Recognize (Effective	d in A	OCI	Location of Gain (Loss)	Gain (Loss) Reclassified from AOCI to Earnings (Effective Portion)						
Derivative Instrument	2021		2020	(Effective Portion)		2021		2020			
Foreign exchange contracts	\$ 198	\$	(317)	Revenue	\$	289	\$	(161)			
				Cost of sales		(117)		11			
Interest rate swaps	 5,266		(2,163)	Interest Expense		(366)		_			
	\$ 5,464	\$	(2,480)		\$	(194)	\$	(150)			

We also enter into foreign exchange contracts to minimize the impact of exchange rate fluctuations on short-term intercompany loans and related interest that are denominated in a foreign currency. The revaluation of the intercompany loans and interest and the mark-to-market adjustment on the derivatives are both recorded in earnings. All outstanding contracts at December 31, 2021 mature over the next three months.

The following represents the mark-to-market adjustment on our non-designated derivative instruments:

		 Years Ended December 31,				
		Derivative Gain (Loss) Recognized in Earnings				
Derivatives Instrument	Location of Derivative Gain (Loss)	2021 2020				
Foreign exchange contracts	Selling, general and administrative expense	\$ (4,540)	\$	5,298		

Fair Value of Financial Instruments

Our financial instruments include cash and cash equivalents, investment securities, accounts receivable, loan receivables, derivative instruments, accounts payable and debt. The carrying value for cash and cash equivalents, accounts receivable, loans receivable, held-to-maturity investment securities and accounts payable approximate fair value. The fair value of available-for-sale investment securities and derivative instruments are presented above. The fair value of our debt is estimated based on recently executed transactions and market price quotations. The inputs used to determine the fair value of our debt were classified as Level 2 in the fair value hierarchy. The carrying value and estimated fair value of our debt was as follows:

		December	31,
	20	021	2020
Carrying value	\$ 2, .	323,838 \$	2,564,393
Fair value	\$ 2,	355,894 \$	2,479,895

11. Supplemental Financial Statement Information

Activity in the allowance for credit losses on accounts receivable is presented below.

	alance at ginning of year	umulative effect of ccounting change	c	Amounts harged to expense	Vrite-offs, coveries and other	Bal	lance at end of year	counts and other eceivables	Ot	her assets
2021	\$ 35,344	\$ _	\$	9,355	\$ (15,520)	\$	29,179	\$ 11,168	\$	18,011
2020	\$ 17,830	\$ 15,336	\$	19,789	\$ (17,611)	\$	35,344	\$ 18,899	\$	16,445
2019	\$ 17,443	\$ _	\$	16,345	\$ (15,958)	\$	17,830	\$ 17,830	\$	_

Other expense, net consisted of the following:

	 Years Ended December 31,								
	 2021 2020			2019					
Loss on refinancing of debt	\$ 56,209	\$	36,987	\$	6,623				
Insurance proceeds	(3,000)		(16,928)		_				
(Gain) loss on sale of assets/businesses	 (11,635)		(11,908)		17,683				
Other expense, net	\$ 41,574	\$	8,151	\$	24,306				

Supplemental cash flow information is as follows:

	_	Years Ended December 31,							
			2021		2020		2019		
Purchases of property and equipment in accounts payable	-	\$	5,305	\$	16,098	\$	1,301		
Cash interest paid	9	\$	124,084	\$	151,857	\$	157,709		
Cash income tax payments, net of refunds	9	\$	4,337	\$	20,185	\$	27,109		

Selected balance sheet information is as follows:

	<u></u>	December 31,				
	2021		2020			
Other assets:						
Long-term investments	\$ 333,0	52 \$	364,212			
Other (net of allowance of \$18,011 and \$16,445, respectively)	138,0	32	127,302			
Total	\$ 471,0	84 \$	491,514			
Accounts payable and accrued liabilities:						
Accounts payable	\$ 310,9	93 \$	295,173			
Customer deposits	185,5	28	165,774			
Employee related liabilities	233,8	76	232,236			
Other	192,1	46	187,433			
Total	\$ 922,5	43 \$	880,616			
Other noncurrent liabilities:						
Pension liabilities	\$ 115,4	57 \$	235,439			
Postretirement medical benefits	126,6	75	153,838			
Other	66,5	96	47,738			
Total	\$ 308,7	28 \$	437,015			

12. Restructuring Charges and Asset Impairments

Activity in our restructuring reserves was as follows:

	Severance and other exit costs
Balance at December 31, 2019	\$ 12,006
Expenses, net	20,712
Cash payments	(20,014)
Noncash activity	(2,641)
Balance at December 31, 2020	10,063
Expenses, net	19,003
Cash payments	(21,990)
Noncash activity	(1,329)
Balance at December 31, 2021	\$ 5,747

The majority of the remaining restructuring reserves are expected to be paid over the next 12-24 months.

13. Debt

		Decem	iber 31,
	Interest rate	2021	2020
Notes due October 2021	4.875%	_	152,588
Notes due May 2022	5.625%	_	148,792
Notes due April 2023	6.20%	90,259	271,000
Notes due March 2024	4.625%	242,603	374,000
Notes due March 2027	6.875%	400,000	_
Notes due March 2029	7.25%	350,000	_
Notes due January 2037	5.25%	35,841	35,841
Notes due March 2043	6.70%	425,000	425,000
Term loan due March 2026	LIBOR + 1.75%	370,500	380,000
Term loan due January 2025	LIBOR + 5.5%		818,125
Term loan due March 2028	LIBOR + 4.0%	446,625	_
Other debt		3,685	4,900
Principal amount		2,364,513	2,610,246
Less: unamortized costs, net		40,675	45,853
Total debt		2,323,838	2,564,393
Less: current portion long-term debt		24,739	216,032
Long-term debt		\$ 2,299,099	\$ 2,348,361

In 2021, we issued a \$400 million 6.875% unsecured note due March 2027, a \$350 million 7.25% unsecured note due March 2029 and entered into a seven-year \$450 million secured term loan maturing March 2028. We redeemed all the outstanding October 2021 notes and an aggregate \$363 million of the May 2022 notes, April 2023 notes and March 2024 notes under a tender offer, the remaining balance of the May 2022 notes and the remaining balance of the January 2025 term loan. We also extended the maturities of our \$500 million secured revolving credit facility and our \$380 million secured term loan from November 2024 to March 2026. A \$56 million pre-tax loss was incurred on the refinancing of debt.

The credit agreement that governs the revolving credit facility and term loans contains financial and non-financial covenants. At December 31, 2021, we were in compliance with all covenants and there were no outstanding borrowings under the revolving credit facility.

We also terminated interest rate swap agreements with an aggregate notional value of \$500 million and entered into new interest rate swap agreements with an aggregate notional amount of \$200 million. Under the terms of the new swap agreements, we pay fixed-rate interest of 0.56% and receive variable-rate interest based on one-month LIBOR. The variable interest rate under the term loans and the swaps reset monthly. We received \$2 million from the termination of the \$500 million interest rate swap agreements, which was recorded in AOCL and will be recognized ratably in income through 2024.

At December 31, 2021, the interest rate of the 2028 Term Loan was 4.1% and the interest rate on the 2026 Term Loan was 1.9%.

Annual maturities of outstanding principal at December 31, 2021 are as follows:

2022	\$ 24,739
2023	119,748
2024	281,560
2025	42,500
2026	261,000
Thereafter	 1,634,966
Total	\$ 2,364,513

14. Retirement Plans and Postretirement Medical Benefits

Retirement Plans

We provide retirement benefits to eligible employees in the U.S. and outside the U.S. under various defined benefit retirement plans. Benefit accruals under most of our significant defined benefit plans have been frozen. The benefit obligations and funded status of defined benefit pension plans are as follows:

	United States				Foreign			
		2021		2020		2021		2020
Accumulated benefit obligation	\$	1,609,125	\$	1,729,515	\$	762,558	\$	829,413
Projected benefit obligation								
Benefit obligation - beginning of year	\$	1,729,959	\$	1,613,054	\$	830,674	\$	746,942
Service cost		102		86		1,528		1,650
Interest cost		42,434		52,103		11,811		13,379
Actuarial (gain) loss		(53,133)		185,306		(37,197)		76,006
Foreign currency changes		_		_		(10,747)		29,128
Settlements and curtailments		(1,429)		(3,854)		_		(15,171)
Benefits paid		(108,425)		(116,736)		(25,601)		(21,260)
Benefit obligation - end of year	\$	1,609,508	\$	1,729,959	\$	770,468	\$	830,674
Fair value of plan assets								
Fair value of plan assets - beginning of year	\$	1,601,786	\$	1,487,018	\$	742,639	\$	668,308
Actual return on plan assets		51,828		225,812		17,929		78,120
Company contributions		5,397		9,546		9,686		9,674
Settlements and curtailments		(1,429)		(3,854)		_		(15,171)
Foreign currency changes		_		_		(7,210)		22,968
Benefits paid		(108,425)		(116,736)		(25,601)		(21,260)
Fair value of plan assets - end of year	\$	1,549,157	\$	1,601,786	\$	737,443	\$	742,639
Amounts recognized in the Consolidated Balance Sheets								
Noncurrent asset	\$	_	\$	465	\$	29,309	\$	26,053
Current liability		(5,883)		(5,843)		(1,345)		(1,444)
Noncurrent liability		(54,468)		(122,795)		(60,989)		(112,644)
Funded status	\$	(60,351)	\$	(128,173)	\$	(33,025)	\$	(88,035)

Information provided in the table below is only for pension plans with an accumulated benefit obligation in excess of plan assets:

	 United States				Foreign			
	2021		2020		2021		2020	
Projected benefit obligation	\$ 1,609,508	\$	1,729,638	\$	59,859	\$	691,909	
Accumulated benefit obligation	\$ 1,609,125	\$	1,729,194	\$	59,352	\$	690,887	
Fair value of plan assets	\$ 1,549,157	\$	1,601,000	\$	_	\$	577,821	

Pretax amounts recognized in AOCI consist of:

	United States					Foreign				
		2021	2020		2021		2020			
Net actuarial loss	\$	716,585	\$	783,211	\$	301,913	\$	334,520		
Prior service (credit) cost		(149)		(209)		7,804		8,072		
Transition asset						(7)		(7)		
Total	\$	716,436	\$	783,002	\$	309,710	\$	342,585		

The components of net periodic benefit cost (income) for defined benefit pension plans were as follows:

	United States							Foreign						
		2021		2020		2019		2021		2020		2019		
Service cost	\$	102	\$	86	\$	83	\$	1,528	\$	1,650	\$	1,543		
Interest cost		42,434		52,103		63,171		11,811		13,379		17,853		
Expected return on plan assets		(77,119)		(84,719)		(92,726)		(31,869)		(34,391)		(34,363)		
Amortization of net transition asset		_				_		_		(4)		(6)		
Amortization of prior service (credit) cost		(60)		(60)		(60)		268		245		243		
Amortization of net actuarial loss		38,233		32,490		26,146		9,350		7,842		6,337		
Settlements and curtailments		551		1,364		2,381		_		5,060		397		
Net periodic benefit cost (income)	\$	4,141	\$	1,264	\$	(1,005)	\$	(8,912)	\$	(6,219)	\$	(7,996)		

Other changes in plan assets and benefit obligations for defined benefit pension plans recognized in other comprehensive income were as follows:

	 United	s	Foreign				
	 2021		2020		2021		2020
Net actuarial (gain) loss	\$ (27,842)	\$	44,216	\$	(23,257)	\$	32,103
Amortization of net actuarial loss	(38,233)		(32,490)		(9,350)		(7,842)
Amortization of prior service credit (cost)	60		60		(268)		(245)
Net transition asset	_		_		_		4
Settlements and curtailments	(551)		(1,364)		_		(5,060)
Total recognized in other comprehensive income	\$ (66,566)	\$	10,422	\$	(32,875)	\$	18,960

Weighted-average actuarial assumptions used to determine year end benefit obligations and net periodic benefit cost for defined benefit pension plans include:

	2021	2020	2019
United States			
<u>Used to determine benefit obligations</u>			
Discount rate	2.85%	2.54%	3.34%
Rate of compensation increase	N/A	N/A	N/A
Used to determine net periodic benefit cost			
Discount rate	2.54%	3.34%	4.34%
Expected return on plan assets	5.60%	6.25%	6.75%
Rate of compensation increase	N/A	N/A	N/A
Foreign			
Used to determine benefit obligations			
Discount rate	0.85 % - 2.85%	0.70 % - 2.40%	0.65 % - 2.95%
Rate of compensation increase	1.50 % - 3.65%	1.50 % - 2.50%	1.50 % - 2.50%
Used to determine net periodic benefit cost			
Discount rate	0.70 % - 2.40%	0.65 % - 2.95%	0.75 % - 3.55%
Expected return on plan assets	3.50 % - 5.75%	4.25 % - 6.00%	4.25 % - 6.25%
Rate of compensation increase	1.50 % - 2.50%	1.50 % - 2.50%	1.50 % - 2.50%

A discount rate is used to determine the present value of our future benefit obligations. The discount rate for our U.S. pension and postretirement medical benefit plans is determined by matching the expected cash flows associated with our benefit obligations to a pool of corporate long-term, high-quality fixed income debt instruments available as of the measurement date. The discount rate for our largest foreign plan, the U.K. Qualified Pension Plan (the U.K. Plan), is determined using a model that discounts each year's estimated benefit payments by an applicable spot rate derived from a yield curve created from a large number of high quality corporate bonds. For our other smaller foreign pension plans, the discount rate is selected based on high-quality fixed income indices available in the country in which the plan is domiciled.

The expected return on plan assets is based on the target asset allocation for the applicable pension plan and expected rates of return for various asset classes in the investment portfolio after analyzing historical experience and future expectations of returns and volatility of the asset classes.

Investment Strategy and Asset Allocation

The investment strategy for our pension plans is to maximize returns within reasonable and prudent risk levels, achieve and maintain full funding of the accumulated benefit obligation and the actuarial liabilities and earn the expected rate of return while adhering to local regulations and restrictions.

Pension plan assets are invested in accordance with our strategic asset allocation policy. Pension plan assets are exposed to various risks, including interest rate risks, market risks and credit risks. Investments are diversified across asset classes and within each class to reduce the risk of large losses and are periodically rebalanced. Derivatives, such as swaps, options, forwards and futures contracts may be used for market exposure, to alter risk/return characteristics and to manage foreign currency exposure. We do not have any significant concentrations of credit risk within the plan assets.

U.S. Pension Plans

Investment objectives and investment managers are reviewed periodically. Target and actual asset allocations for the U.S. pension plans were as follows:

	Target allocation	Percent of Pl Decemb		
	2022	2021	2020	
Asset category				
Equities	20 %	18 %	33 %	
Multi-asset credit	3 %	3 %	— %	
Fixed income	70 %	73 %	62 %	
Real estate	6 %	5 %	4 %	
Private equity	1 %	1 %	1 %	
Total	100 %	100 %	100 %	

Foreign Pension Plans

Our foreign pension plan assets are managed by outside investment managers and monitored regularly by local trustees and our corporate personnel. Target and actual asset allocations for the U.K. Plan, which comprises 79% of the total foreign pension plan assets, were as follows:

	Target Allocation	Percent of Pla Decembe	
	2022	2021	2020
Asset category			
Global equities	10 %	12 %	22 %
Fixed income	70 %	69 %	60 %
Real estate	10 %	9 %	8 %
Diversified growth	10 %	9 %	9 %
Cash	<u> </u>	1 %	1 %
Total	100 %	100 %	100 %

Fair Value Measurements of Plan Assets

The following tables show the U.S. and foreign pension plans' assets, by level within the fair value hierarchy. The plan asset categories presented in the following tables are subsets of the broader asset allocation categories.

United States Pension Plans

	December 31, 2021							
		Level 1		Level 2		Level 3		Total
Money market funds	\$	_	\$	3,725	\$	_	\$	3,725
Equity securities		_		195,037		_		195,037
Commingled fixed income securities		_		229,300		_		229,300
Government and related securities		202,416		26,582		_		228,998
Corporate debt securities		_		771,529		_		771,529
Mortgage-backed /asset-backed securities		_		12,486		_		12,486
Real estate		_		_		77,494		77,494
Securities lending collateral				145,855				145,855
Total plan assets at fair value	\$	202,416	\$	1,384,514	\$	77,494	\$	1,664,424
Securities lending payable								(145,855)
Investments valued at NAV								16,820
Cash								20,569
Other								(6,801)
Fair value of plan assets							\$	1,549,157

		December	r 31, 2	2020	
	Level 1	Level 2		Level 3	Total
Money market funds	\$ _	\$ 14,442	\$	_	\$ 14,442
Equity securities		323,311		_	323,311
Commingled fixed income securities	_	264,896		_	264,896
Government and related securities	322,851	22,549		_	345,400
Corporate debt securities	_	586,998		_	586,998
Mortgage-backed /asset-backed securities		45,861		_	45,861
Real estate	_	_		69,347	69,347
Securities lending collateral	 <u> </u>	151,049			151,049
Total plan assets at fair value	\$ 322,851	\$ 1,409,106	\$	69,347	\$ 1,801,304
Securities lending payable					(151,049)
Investments valued at NAV					17,132
Cash					15,449
Other					(81,050)
Fair value of plan assets					\$ 1,601,786

Foreign Plans

	December 31, 2021								
	I	evel 1	Level 2		Level 3			Total	
Money market funds	\$	_	\$	8,577	\$	_	\$	8,577	
Equity securities		_		96,596		_		96,596	
Commingled fixed income securities		_		431,845		_		431,845	
Government and related securities		_		46,522		_		46,522	
Corporate debt securities		_		33,583		_		33,583	
Real estate		_		7,168		52,491		59,659	
Diversified growth funds						52,169		52,169	
Total plan assets at fair value	\$		\$	624,291	\$	104,660	\$	728,951	
Cash								7,966	
Other								526	
Fair value of plan assets							\$	737,443	

	December 31, 2020								
	Le	vel 1	Level 2		Level 3			Total	
Money market funds	\$	_	\$	10,072	\$	_	\$	10,072	
Equity securities		_		166,683				166,683	
Commingled fixed income securities		_		379,656		_		379,656	
Government and related securities		_		46,268				46,268	
Corporate debt securities		_		37,002		_		37,002	
Real estate		_		_		45,275		45,275	
Diversified growth funds						50,750		50,750	
Total plan assets at fair value	\$		\$	639,681	\$	96,025	\$	735,706	
Cash								6,448	
Other								485	
Fair value of plan assets							\$	742,639	

The following information relates to our classification of investments into the fair value hierarchy:

- Money Market Funds: Money market funds typically invest in government securities, certificates of deposit, commercial paper
 and other highly liquid, low risk securities. Money market funds are principally used for overnight deposits and are classified as
 Level 1 when unadjusted quoted prices in active markets are available and as Level 2 when they are not actively traded on an
 exchange.
- Equity Securities: Equity securities are comprised of mutual funds investing in U.S. and foreign stocks. These mutual funds are classified as Level 2.
- Commingled Fixed Income Securities: Commingled fixed income securities are comprised of mutual funds that invest in a variety
 of fixed income securities, including securities of the U.S. government and its agencies, corporate debt, mortgage-backed
 securities and asset-backed securities. Fair value is based on the value of the underlying investments owned by each fund, minus
 its liabilities, divided by the number of shares outstanding, as reported by the fund manager. These mutual funds are classified as
 Level 1 when unadjusted quoted prices in active markets are available and as Level 2 when they are not actively traded on an
 exchange.
- Government and Related Securities: Debt securities are classified as Level 1 where active, high volume trades for identical securities exist. Valuation adjustments are not applied to these securities. Debt securities are classified as Level 2 where fair value is determined using quoted market prices for similar securities or benchmarking model derived prices to quoted market prices and trade data for identical or comparable securities.

- Corporate Debt Securities: Corporate debt securities are valued using recently executed comparable transactions, market price quotations or bond spreads for the same maturity as the security. These securities are classified as Level 2.
- Mortgage-Backed Securities / Asset-Backed Securities: These securities are valued based on external pricing indices or on external price/spread data. These securities are classified as Level 2.
- Real Estate: include units in open-ended commingled real estate funds. Funds that are valued and traded on a daily basis in an active market are classified as Level 2. Investments that are valued on an annual basis by certified appraisers are classified as Level 3. The valuation techniques used to value Level 3 investments include the cost approach, sales-comparison method and the income approach.
- Diversified Growth Funds: comprised of units in commingled diversified growth funds that comprise a mix of different asset classes. The underlying investments may not be listed on an exchange in an active market or traded on a daily basis and may fall into all three fair value categories. Accordingly, these securities are classified as Level 3.
- Securities Lending Fund: represents a commingled fund through our custodian's securities lending program. The U.S. pension plan lends securities that are held within the plan to other banks and/or brokers, and receives collateral, typically cash. This collateral is invested in a commingled fund that invests in short-term fixed income securities. This investment is classified as Level 2. This amount invested in the fund is offset by a corresponding liability reflected in the U.S. pension plan's net assets available for benefits.

Investments Valued at Net Asset Value (NAV)

Represents investments in private equity limited partnerships that are measured at fair value using the Net Asset Value (NAV) per share as a practical expedient and are not categorized in the fair value hierarchy. There is no active market for these investments and the pension plan receives a proportionate share of the gains, losses and expenses in accordance with the partnership agreements. There is a remaining unfunded commitment of \$8 million at December 31, 2021. These investments comprise 1.1% of total U.S. Pension Fund assets at both December 31, 2021 and 2020.

Level 3 Gains and Losses

The following table summarizes the changes in the fair value of Level 3 assets:

	τ	J.S. Plans	Foreign Plans					
	Real estate		Real estate			viversified owth Funds		
Balance at December 31, 2019	\$	71,337	\$	45,335	\$	47,621		
Realized gains		1,554		_		_		
Unrealized losses		(3,360)		(2,134)		1,493		
Net purchases, sales and settlements		(184)		1,221		56		
Foreign currency and other		_		853		1,580		
Balance at December 31, 2020		69,347		45,275		50,750		
Realized gains		1,791		_		_		
Unrealized gains		6,958		6,357		1,995		
Net purchases, sales and settlements		(602)		1,663		_		
Foreign currency and other		_		(804)		(576)		
Balance at December 31, 2021	\$	77,494	\$	52,491	\$	52,169		

Postretirement Medical Benefits

We provide certain employer subsidized health care and employer provided life insurance benefits in the U.S. and Canada to eligible retirees and their dependents. The cost of these benefits is recognized over the period the employee provides credited service to the company. The benefit obligation and funded status for postretirement medical benefit plans are as follows:

	2021		 2020
Benefit obligation			
Benefit obligation - beginning of year	\$	169,210	\$ 164,104
Service cost		909	885
Interest cost		3,755	4,993
Actuarial (gain) loss		(22,305)	11,496
Foreign currency changes		123	340
Benefits paid, net		(12,176)	(12,608)
Benefit obligation - end of year (1)	\$	139,516	\$ 169,210
Fair value of plan assets			
Fair value of plan assets - beginning of year	\$	_	\$ _
Company contribution		12,176	12,608
Benefits paid, net		(12,176)	 (12,608)
Fair value of plan assets - end of year	\$		\$ _
Amounts recognized in the Consolidated Balance Sheets			
Current liability	\$	(12,841)	\$ (15,372)
Non-current liability		(126,675)	(153,838)
Funded status	\$	(139,516)	\$ (169,210)

⁽¹⁾ The benefit obligation for U.S. postretirement medical benefits plan was \$126 million and \$153 million at December 31, 2021 and 2020, respectively.

Pretax amounts recognized in AOCI consist of:

	2021	2020		
Net actuarial loss	\$ 15,175	\$	41,570	
Prior service cost	 		129	
Total	\$ 15,175	\$	41,699	

The components of net periodic benefit cost for postretirement medical benefit plans were as follows:

	2021	 2020		2019
Service cost	\$ 909	\$ 885	\$	967
Interest cost	3,755	4,993		6,584
Amortization of prior service cost	129	373		321
Amortization of net actuarial loss	4,090	 3,198		2,026
Net periodic benefit cost	\$ 8,883	\$ 9,449	\$	9,898

Other changes in benefit obligation for postretirement medical benefit plans recognized in other comprehensive income were as follows:

	2021	2020		
Net actuarial (gain) loss	\$ (22,305)	\$	11,496	
Amortization of net actuarial loss	(4,090)		(3,198)	
Amortization of prior service cost	(129)		(373)	
Total recognized in other comprehensive income	\$ (26,524)	\$	7,925	

The weighted-average discount rates used to determine end of year benefit obligation and net periodic pension cost include:

	2021	2021 2020	
Discount rate used to determine benefit obligation			
U.S.	2.80 %	2.35 %	3.20 %
Canada	2.90 %	2.50 %	3.00 %
Discount rate used to determine net period benefit cost			
U.S.	2.35 %	3.20 %	4.20 %
Canada	2.50 %	3.00 %	3.60 %

The assumed health care cost trend rate used in measuring the accumulated postretirement benefit obligation for the U.S. plan was 6.8% and 7.0% for 2021 and 2020, respectively. The assumed health care trend rate is 6.50% for 2022 and will gradually decline to 5.0% by the year 2028 and remain at that level thereafter. Assumed health care cost trend rates have a significant effect on the amounts reported for the health care plans.

Estimated Future Benefit Payments

The following benefit payments, which reflect expected future service, are expected to be paid.

	Per	Pension Benefits		tretirement ical Benefits
2022	\$	130,497	\$	12,854
2023		131,204		12,338
2024		124,812		11,819
2025		125,765		11,299
2026		123,679		10,778
Thereafter		601,374		45,383
	\$	1,237,331	\$	104,471

During 2022, we estimate making contributions of \$6 million to our U.S. pension plans and \$10 million to our foreign pension plans.

Savings Plans

We offer voluntary defined contribution plans to our U.S. employees designed to help them accumulate additional savings for retirement. We provide a core contribution to all employees, regardless if they participate in the plan, and match a portion of each participating employees' contribution, based on eligible pay. Total contributions to our defined contribution plans were \$27 million in 2021 and \$28 million in 2020.

15. Income Taxes

Income (loss) from continuing operations before taxes consisted of the following:

		Years Ended December 31,						
	2021	2021 2020			2020 2019			
U.S.	\$ (85,25	8)	\$	(243,760)	\$	500		
International	77,84	3_		60,391		26,232		
Total	\$ (7,4)	<u>5)</u>	\$	(183,369)	\$	26,732		

The provision (benefit) for income taxes from continuing operations consisted of the following:

	Years Ended December	Years Ended December 31,					
	2021 2020	2019					
U.S. Federal:							
Current	\$ (7,419) \$ (10,582)	\$ (18,789)					
Deferred	(13,825) 6,516	11,500					
	(21,244) (4,066)	(7,289)					
U.S. State and Local:							
Current	5,401 (2,569)	(9,142)					
Deferred	(5,827) 4,100	8,000					
	(426) 1,531	(1,142)					
International:							
Current	10,979 4,993	9,993					
Deferred	(231) 4,664	(14,689)					
	10,748 9,657	(4,696)					
Total current	8,961 (8,158)	(17,938)					
Total deferred	(19,883) 15,280	4,811					
Total (benefit) provision for income taxes	\$ (10,922) \$ 7,122	\$ (13,127)					
Effective tax rate	147.3 % (3.9)%	(49.1)%					

The effective tax rate for 2021 includes benefits of \$7 million from the resolution of tax matters, \$5 million due to tax legislation in the U.K., \$3 million from an affiliate reorganization and \$2 million from the vesting of restricted stock, partially offset by charges of \$6 million on the pre-tax gain of \$10 million from the sale of a business as the tax basis was lower than the book basis and \$1 million for the write-off of deferred tax assets associated with the expiration of out-of-the-money stock options.

The effective tax rate for 2020 includes a \$12 million charge for the surrender of company owned life insurance policies, a \$5 million benefit for the correction of tax balances in certain domestic and international tax jurisdictions, a \$3 million benefit due to regulations enacted into law, a \$2 million benefit for the carryback of net operating losses resulting from the CARES Act and a benefit of \$2 million on the \$198 million goodwill impairment charge as the majority of this charge is nondeductible.

The effective tax rate for 2019 includes benefits of \$23 million from the release of a foreign valuation allowance and \$9 million from the resolution of certain tax examinations. The effective tax rate for 2019 also includes a tax of \$3 million on the \$18 million book loss from the disposition of operations in certain international markets, primarily due to nondeductible basis differences.

A reconciliation of income taxes computed at the federal statutory rate and our provision for income taxes consist of the following:

	Years Ended December 31,					
		2021		2020		2019
Federal statutory provision	\$	(1,558)	\$	(38,507)	\$	5,613
State and local income taxes (1)		(336)		1,209		(901)
Impact of foreign operations taxed at rates other than the U.S. statutory rate (2)		(2,220)		(3,345)		(18,541)
Accrual/release of uncertain tax amounts related to foreign operations		(7,288)		1,802		191
U.S. tax impacts of foreign income in the U.S.		4,441		(2,300)		5,587
CARES Act carryback benefit		(2,270)		(1,646)		_
Tax incentives/credits/exempt income		(500)		(750)		(5,437)
Unrealized stock compensation benefits		(505)		2,312		2,176
Surrender of company-owned life insurance policies		_		10,313		_
Goodwill impairment		_		40,328		_
Other, net (3)		(686)		(2,294)		(1,815)
(Benefit) provision for income taxes	\$	(10,922)	\$	7,122	\$	(13,127)

⁽¹⁾ Includes a charge of \$2 million for the surrender of company-owned life insurance for the year ended December 31, 2020.

⁽²⁾ Includes a benefit of \$5 million for a deferred rate change for the year ended December 31, 2021, a benefit of \$3 million for tax balance corrections and a deferred tax rate change benefit of \$2 million for the year ended December 31, 2020 and a foreign valuation allowance release of \$23 million and a \$3 million tax on the disposition of operations in certain international markets for the year ended December 31, 2019.

⁽³⁾ Includes a \$3 million benefit from an affiliate reorganization and charge of \$3 million related to the sale of a business for the year ended December 31, 2021, as well as a \$2 million benefit related to tax balance corrections and a \$1 million charge related to interest for the year ended December 31, 2020.

Deferred tax liabilities and assets consisted of the following:

	Decen	nber 31,
	2021	2020
Deferred tax liabilities:		
Depreciation	\$ (85,544)	\$ (69,900)
Deferred profit (for tax purposes) on sale to finance subsidiary	(26,745)	(28,101)
Lease revenue and related depreciation	(202,862)	(190,852)
Intangible assets	(76,672)	(81,816)
Operating lease liability	(46,496)	(50,071)
Other	(25,438)	(27,865)
Gross deferred tax liabilities	(463,757)	(448,605)
Deferred tax assets:		
Postretirement medical benefits	34,681	42,423
Pension	20,472	48,385
Operating lease asset	52,271	54,538
Inventory and equipment capitalization	1,866	3,903
Restructuring charges	1,548	2,022
Long-term incentives	12,308	12,905
Net operating loss	113,025	82,823
Tax credit carry forwards	65,931	64,070
Tax uncertainties gross-up	6,929	6,656
Other	58,457	42,079
Gross deferred tax assets	367,488	359,804
Less: Valuation allowance	(121,778)	(116,543)
Net deferred tax assets	245,710	243,261
Total deferred taxes, net	\$ (218,047)	\$ (205,344)

The valuation allowance relates primarily to certain foreign, state and local net operating loss and tax credit carryforwards that will more-likely-than-not expire unutilized.

We have a federal net operating loss carryforward of \$157 million as of December 31, 2021, the majority of which has an indefinite carryforward period. We have net operating loss carryforwards in international jurisdictions of \$163 million as of December 31, 2021, of which \$150 million can be carried forward indefinitely and the remainder expire over the next 20 years. We also have net operating loss carryforwards in most states totaling \$1.1 billion that will expire over the next 20 years. In addition, we have tax credit carryforwards of \$66 million, of which \$51 million can be carried forward indefinitely and the remainder expire over the next 11 years.

As of December 31, 2021, we assert that we are permanently reinvested in our pre-1987 and post-2017 undistributed earnings of \$264 million as well as all other outside basis differences. While a determination of the full liability that would be incurred if these earnings were repatriated is not practicable, we have estimated the withholding taxes would be approximately \$2 million.

Uncertain Tax Positions

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

	2021		2020		2019
Balance at beginning of year	\$	50,064	\$	60,302	\$ 71,458
Increases from prior period positions		3,016		2,147	510
Decreases from prior period positions		(4,247)		(47)	(9,711)
Increases from current period positions		492		3,472	5,052
Decreases relating to settlements with tax authorities		(1,270)		(12,508)	(2,626)
Reductions from lapse of applicable statute of limitations		(2,983)		(3,302)	 (4,381)
Balance at end of year	\$	45,072	\$	50,064	\$ 60,302

The amount of the unrecognized tax benefits at December 31, 2021, 2020 and 2019 that would affect the effective tax rate if recognized was \$39 million, \$44 million and \$54 million, respectively.

On a regular basis, we conclude tax return examinations, statutes of limitations expire, and court decisions interpret tax law. We regularly assess tax uncertainties in light of these developments. As a result, it is reasonably possible that the amount of our unrecognized tax benefits will decrease in the next 12 months, and we expect this change could be up to 10% of our unrecognized tax benefits. We recognize interest and penalties related to uncertain tax positions in our provision for income taxes. Amounts included in our provision for income taxes related to interest and penalties on uncertain tax positions for each of the years ended December 31, 2021, 2020 and 2019 were not significant. We had approximately \$4 million accrued for the payment of interest and penalties at both December 31, 2021 and 2020.

Other Tax Matters

The Internal Revenue Service examinations of our consolidated U.S. income tax returns for tax years prior to 2018 are closed to audit; however, various post-2016 U.S. state and local tax returns are still subject to examination, with some states in appeals from 2011. For our significant non-U.S. jurisdictions, Canada is closed to examination through 2016 except for a specific issue arising in earlier years, France is closed through 2019, Germany is closed through 2016 and the U.K. is closed through 2018. We also have other less significant tax filings currently subject to examination.

We regularly assess the likelihood of tax adjustments in each of the tax jurisdictions in which we have operations and account for the related financial statement implications. We believe we have established tax reserves that are appropriate given the possibility of tax adjustments. However, determining the appropriate level of tax reserves requires judgment regarding the uncertain application of tax law and the possibility of tax adjustments. Future changes in tax reserve requirements could have a material impact, positive or negative, on our results of operations, financial position and cash flows.

16. Commitments and Contingencies

In the ordinary course of business, we are routinely defendants in, or party to, a number of pending and threatened legal actions. These may involve litigation by or against us relating to, among other things, contractual rights under vendor, insurance or other contracts; intellectual property or patent rights; equipment, service, payment or other disputes with clients; or disputes with employees. Some of these actions may be brought as a purported class action on behalf of a purported class of employees, clients or others. In management's opinion, it is not reasonably possible that the potential liability, if any, that may result from these actions, either individually or collectively, will have a material effect on our financial position, results of operations or cash flows. However, as litigation is inherently unpredictable, there can be no assurances in this regard.

17. Leased Assets and Liabilities

Leases

Total expense

We lease real estate and equipment under operating and finance lease agreements. Our leases have terms of up to 15 years, and may include an option to extend the lease for up to 5 years. At lease commencement, a lease liability and corresponding right-of-use asset is recognized. Lease liabilities represent the present value of future lease payments over the expected lease term, including options to extend or terminate the lease when it is reasonably certain those options will be exercised. Lease payments include all fixed payments and variable payments tied to an index, but exclude costs such as common area maintenance charges, property taxes, insurance and mileage. The present value of our lease liability is determined using our incremental borrowing rate at lease commencement. Information regarding operating and financing leases are as follows:

Balance Sheet Location

December 31, 2021

106,449

79,893

73,815

December 31, 2020

Assets							
Operating	Operating lease assets			\$	208,428	\$	201,916
Finance	Property, plant and equipmen	t, net			46,770		23,973
Total leased assets				\$	255,198	\$	225,889
Liabilities							
Operating	Current operating lease liabili	ities		\$	40,299	\$	39,182
	Noncurrent operating lease lia	abilities			192,092		180,292
Finance	Accounts payable and accrue	d liabili	ties		10,694		4,714
	Other noncurrent liabilities				39,535		18,862
Total lease liabilities				\$	282,620	\$	243,050
			Ye	ears E	nded December	31,	
Lease Cost			2021		2020		2019
Operating lease expense		\$	62,269	\$	54,718	\$	48,503
Finance lease expense							
Amortization of leased assets			9,191		3,792		3,372
Interest on lease liabilities			2,826		949		700
Variable lease expense			33,924		21,413		23,188
Sublease income			(1,761)		(979)		(1,948)

Operating lease expense includes immaterial amounts related to leases with terms of 12 months or less.

Future Lease Payments	Ope	Operating Leases Finance Leases			s Total		
2022	\$	53,380	\$	13,444	\$	66,824	
2023		46,776		11,226		58,002	
2024		41,731		9,889		51,620	
2025		34,202		8,280		42,482	
2026		29,406		6,751		36,157	
Thereafter		80,900		9,357		90,257	
Total		286,395		58,947		345,342	
Less: present value discount		54,004		8,718		62,722	
Lease liability	\$	232,391	\$	50,229	\$	282,620	

Future lease payments exclude \$21 million of payments for leases signed but not yet commenced at December 31, 2021.

Lease Term and Discount Rate	December 31, 2021	December 31, 2020
Weighted-average remaining lease term		
Operating leases	6.7 years	7.2 years
Finance leases	5.5 years	5.6 years
Weighted-average discount rate		
Operating leases	6.5%	7.1%
Finance leases	6%	7.1%

	Years Ended December 31,									
Cash Flow Information		2021		2020		2019				
Operating cash outflows - operating leases	\$	59,748	\$	52,565	\$	44,252				
Operating cash outflows - finance leases	\$	2,826	\$	949	\$	700				
Financing cash outflows - finance leases	\$	\$ 7,707		4,223	\$	3,096				
Leased assets obtained in exchange for new lease obligations										
Operating leases	\$	48,662	\$	38,641	\$	87,160				
Finance leases	\$	30,840	\$	17,741	\$	4,072				

18. Stockholders' Equity

The following table summarizes the changes in shares of Common Stock outstanding and Treasury Stock:

	Common Stock Outstanding	Treasury Stock
Balance at December 31, 2018	187,675,082	135,662,830
Repurchases of common stock	(18,595,315)	18,595,315
Issuance of treasury stock	1,276,797	(1,276,797)
Conversions to common stock	92,379	(92,379)
Balance at December 31, 2019	170,448,943	152,888,969
Issuance of treasury stock	1,526,245	(1,526,245)
Balance at December 31, 2020	171,975,188	151,362,724
Issuance of treasury stock	2,756,207	(2,756,207)
Balance at December 31, 2021	174,731,395	148,606,517

At December 31, 2021, 36,722,032 shares were reserved for issuance under our stock plans and dividend reinvestment program.

19. Accumulated Other Comprehensive Loss

Reclassifications out of accumulated other comprehensive loss were as follows:

Testino Medges Revenue \$ 289 (16) \$ 72 Cost of sales (117) 11 104 Interest expense (366) — — Total before tax (194) (150) — Tax (benefit) provision (49) (37) — Net of tax \$ (18) — — Selling, general and administrative expense 70 — — Selling, general and administrative expense 9 6 9 1,07 Total before tax 17 231 — Total before tax 13 10,355 1,079 Tax (benefit) provision 2 2,589 270 Tax (benefit) provision 2 2,589 270 Tax (benefit) provision 2 2,589 2,789 Tax (benefit) provision 3 1,1 3,766 8,80 Postion and Postretirement Benefit Plans (b) 3 1,1 3,766 8,80 Transition asset \$ 3 4 <th></th> <th colspan="7"> Gain (Loss) Reclassified from AOCL (a)</th>		 Gain (Loss) Reclassified from AOCL (a)						
Cash flow hedges Revenue \$ 289 \$ (161) \$ 72 Cost of sales (117) 11 104 Interest expense (366) — — Total before tax (194) (150) 176 Tax (benefit) provision (49) (37) 44 Net of tax \$ (145) \$ (113) \$ 132 Available for sale securities Financing revenue \$ (6) \$ 10,124 \$ 1,079 Selling, general and administrative expense (7) 231 — Total before tax (13) 10,355 1,079 Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) \$ 7,766 \$ 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424)		 Ye	ars Ei	nded December	31,			
Revenue \$ 289 (161) 72 Cost of sales (117) 11 104 Interest expense (366) — — Total before tax (194) (150) 176 Tax (benefit) provision (49) (37) 44 Net of tax \$ (145) \$ (113) \$ 132 Available for sale securities Financing revenue \$ (6) \$ 10,124 \$ 1,079 Selling, general and administrative expense (7) 231 — Total before tax (13) 10,355 1,079 Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) \$ 7,766 \$ 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before		2021		2020		2019		
Cost of sales (117) 11 104 Interest expense (366) — — Total before tax (194) (150) 176 Tax (benefit) provision (49) (37) 44 Net of tax \$ (145) (113) \$ 132 Available for sale securities Financing revenue \$ (6) \$ 10,124 \$ 1,079 Selling, general and administrative expense (7) 231 — Total before tax (13) 10,355 1,079 Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) 7,766 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefi	Cash flow hedges							
Interest expense (366) — — Total before tax (194) (150) 176 Tax (benefit) provision (49) (37) 44 Net of tax \$ (145) \$ (113) \$ 132 Available for sale securities Financing revenue \$ (6) \$ 10,124 \$ 1,079 Selling, general and administrative expense (7) 231 — Total before tax (13) 10,355 1,079 Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) \$ 7,766 \$ 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (11,930) (9,497)	Revenue	\$ 289	\$	(161)	\$	72		
Total before tax (194) (150) 176 Tax (benefit) provision (49) (37) 44 Net of tax \$ (145) \$ (113) \$ 132 Available for sale securities Financing revenue \$ (6) \$ 10,124 \$ 1,079 Selling, general and administrative expense (7) 231 — Total before tax (13) 10,355 1,079 Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) \$ 7,766 \$ 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 \$ 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (11,930) (9,497)	Cost of sales	(117)		11		104		
Tax (benefit) provision (49) (37) 44 Net of tax \$ (145) \$ (113) \$ 132 Available for sale securities Financing revenue \$ (6) \$ 10,124 \$ 1,079 Selling, general and administrative expense (7) 231 — Total before tax (13) 10,355 1,079 Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) 7,766 \$ 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 \$ 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Interest expense	 (366)						
Net of tax \$ (145) \$ (113) \$ 132 Available for sale securities Financing revenue \$ (6) \$ 10,124 \$ 1,079 Selling, general and administrative expense (7) 231 — Total before tax (13) 10,355 1,079 Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) \$ 7,766 \$ 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 \$ 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (11,930) (9,497)	Total before tax	(194)		(150)		176		
Available for sale securities Financing revenue \$ (6) \$ 10,124 \$ 1,079 Selling, general and administrative expense (7) 231 — Total before tax (13) 10,355 1,079 Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) \$ 7,766 \$ 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 \$ 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Tax (benefit) provision	 (49)		(37)		44		
Financing revenue \$ (6) \$ 10,124 \$ 1,079 Selling, general and administrative expense (7) 231 — Total before tax (13) 10,355 1,079 Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) 7,766 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Net of tax	\$ (145)	\$	(113)	\$	132		
Financing revenue \$ (6) \$ 10,124 \$ 1,079 Selling, general and administrative expense (7) 231 — Total before tax (13) 10,355 1,079 Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) 7,766 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)								
Selling, general and administrative expense (7) 231 — Total before tax (13) 10,355 1,079 Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) 7,766 \$ 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 \$ 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Available for sale securities							
Total before tax (13) 10,355 1,079 Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) \$ 7,766 \$ 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 \$ 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Financing revenue	\$ (6)	\$	10,124	\$	1,079		
Tax (benefit) provision (2) 2,589 270 Net of tax \$ (11) \$ 7,766 \$ 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ - \$ 4 \$ 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Selling, general and administrative expense	 (7)		231		_		
Net of tax \$ (11) \$ 7,766 \$ 809 Pension and Postretirement Benefit Plans (b) Transition asset \$ — \$ 4 \$ 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Total before tax	(13)		10,355		1,079		
Pension and Postretirement Benefit Plans (b) Transition asset \$ — \$ 4 \$ 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Tax (benefit) provision	(2)		2,589		270		
Transition asset \$ — \$ 4 \$ 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Net of tax	\$ (11)	\$	7,766	\$	809		
Transition asset \$ — \$ 4 \$ 6 Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)								
Prior service costs (337) (558) (504) Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Pension and Postretirement Benefit Plans (b)							
Actuarial losses (51,673) (43,530) (34,509) Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Transition asset	\$ _	\$	4	\$	6		
Settlement (551) (6,424) (2,778) Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Prior service costs	(337)		(558)		(504)		
Total before tax (52,561) (50,508) (37,785) Tax benefit (12,755) (11,930) (9,497)	Actuarial losses	(51,673)		(43,530)		(34,509)		
Tax benefit (11,930) (9,497)	Settlement	(551)		(6,424)		(2,778)		
	Total before tax	(52,561)		(50,508)		(37,785)		
Net of tax \$ (39,806) \$ (38,578) \$ (28,288)	Tax benefit	(12,755)		(11,930)		(9,497)		
	Net of tax	\$ (39,806)	\$	(38,578)	\$	(28,288)		

⁽a) Amounts in parentheses indicate reductions to income and increases to other comprehensive income.

⁽b) Reclassified from accumulated other comprehensive loss to other components of net pension and postretirement cost. These amounts are included in net periodic costs for defined benefit pension plans and postretirement medical benefit plans (see Note 14 for additional details).

Changes in accumulated other comprehensive loss, net of tax, were as follows:

	sh flow edges	ailable-for- le securities	Pension and postretirement benefit plans	Foreign currency djustments	Total
Balance at December 31, 2018	\$ 191	\$ (3,061)	\$ (846,461)	\$ (99,630)	\$ (948,961)
Other comprehensive loss before reclassifications	278	6,719	(845)	75,319	81,471
Amounts reclassified from accumulated other comprehensive loss	 (132)	(809)	28,288		27,347
Net other comprehensive income	146	5,910	27,443	75,319	108,818
Balance at December 31, 2019	337	2,849	(819,018)	(24,311)	(840,143)
Other comprehensive (loss) income before reclassifications	(1,861)	5,319	(70,623)	37,252	(29,913)
Amounts reclassified from accumulated other comprehensive loss	113	(7,766)	38,578	_	30,925
Net other comprehensive (loss) income	(1,748)	(2,447)	(32,045)	37,252	1,012
Balance at December 31, 2020	(1,411)	402	(851,063)	12,941	(839,131)
Other comprehensive income (loss) before reclassifications	5,069	(6,662)	54,618	(34,168)	18,857
Amounts reclassified from accumulated other comprehensive loss	 145	11	39,806		39,962
Net other comprehensive income (loss)	5,214	(6,651)	94,424	(34,168)	58,819
Balance at December 31, 2021	\$ 3,803	\$ (6,249)	\$ (756,639)	\$ (21,227)	\$ (780,312)

20. Stock-Based Compensation Plans

We may grant restricted stock units, non-qualified stock options and performance stock units to eligible employees. All stock-based awards are approved by the Executive Compensation Committee of the Board of Directors. We settle stock awards with treasury shares. At December 31, 2021, there were 119,940,056 shares available for future grants.

Restricted Stock Units

Restricted stock units (RSUs) typically vest ratably over a three-year service period and entitle the holder to shares of common stock as the units vest. The following table summarizes information about RSUs:

20	21		203		
Shares	rage fair	Shares	Weighted average fair value		
6,560,372	\$	6.27	4,480,847	\$	9.51
2,100,126		8.36	4,123,544		3.92
(2,504,189)		6.72	(1,486,371)		9.65
(418,016)		6.61	(557,648)		5.06
5,738,293	\$	6.95	6,560,372	\$	6.27
	Shares 6,560,372 2,100,126 (2,504,189) (418,016)	Shares ave. 6,560,372 \$ 2,100,126 (2,504,189) (418,016)	Shares Weighted average fair value 6,560,372 \$ 6.27 2,100,126 8.36 (2,504,189) 6.72 (418,016) 6.61	Shares Weighted average fair value Shares 6,560,372 \$ 6.27 4,480,847 2,100,126 8.36 4,123,544 (2,504,189) 6.72 (1,486,371) (418,016) 6.61 (557,648)	Shares Weighted average fair value Shares Weighted average fair value Weighted average fair shares Weighted average fair value Weighted average fair value

The fair value of RSUs is determined based on the stock price on the grant date less the present value of expected dividends. At December 31, 2021, there was \$9 million of unrecognized compensation cost related to RSUs that is expected to be recognized over a weighted-average period of 1.6 years. The intrinsic value of RSUs outstanding at December 31, 2021 was \$38 million. The fair value of RSUs vested during 2021, 2020 and 2019 was \$22 million, \$6 million and \$8 million, respectively. During 2019, we granted 3,113,886 RSUs at a weighted average fair value of \$6.56.

In 2021 and 2020, we granted 121,455 and 282,131 RSUs, respectively, to non-employee directors. These RSUs vest one year from the grant date.

Performance Stock Units

Performance stock units (PSUs) are stock awards where the number of shares ultimately received by the employee is conditional upon the attainment of certain performance targets and total shareholder return relative to peer companies. PSUs vest at the end of a three-year service period and the actual number of shares awarded may range from 0% to 200% of the target award. The final determination of the number of shares to be issued is made by the Board of Directors, who may reduce, but not increase, the number of shares to be awarded (negative discretion). PSUs are accounted for as variable awards until the end of the service period when the grant date is established.

The following table summarizes share information about PSUs:

	20	21		202	20	0	
	Shares	ighted age fair alue	Shares	ave	eighted erage fair value		
Outstanding - beginning of the year	1,730,002	\$	9.31	2,778,362	\$	10.09	
Vested	(287,109)		9.33	(303,460)		4.00	
Forfeited	(433,802)		9.33	(744,900)		11.57	
Outstanding - end of the year	1,009,091	\$	6.60	1,730,002	\$	9.31	

Share-based compensation expense for PSUs is recognized ratably over the service period based on the number shares expected to be awarded and the fair value of an award. The fair value of PSUs is determined using a Monte Carlo simulation model. Due to the variability of these awards, significant fluctuations in share-based compensation expense for PSUs recognized from one period to the next are possible. During 2019, we granted 1,368,182 PSUs at an initial award date fair value of \$6.60.

Stock Options

Stock options are granted at an exercise price equal to or greater than the stock price of our common stock on the grant date. Options vest ratably over three years and expire ten years from the grant date. At December 31, 2021, there was \$2 million of unrecognized compensation cost related to stock options that is expected to be recognized over a weighted-average period of 1.4 years. The intrinsic value of options outstanding at December 31, 2021 was \$7 million and the intrinsic value of options exercisable was not significant.

The following table summarizes information about stock option activity:

	20		20	20		
	Shares	W	er share reighted average rcise prices	Shares	V	Per share veighted age exercise prices
Options outstanding - beginning of the year	12,814,365	\$	11.81	12,822,684	\$	14.08
Granted	737,842		8.48	2,801,982		3.98
Exercised	(777,429)		6.11	(33,501)		6.82
Canceled	(604,101)		11.71	(1,653,126)		10.09
Expired	(1,050,608)		25.85	(1,123,674)		22.09
Options outstanding - end of the year	11,120,069	\$	10.65	12,814,365	\$	11.81
Options exercisable - end of the year	8,853,859	\$	11.94	7,027,974	\$	16.76

There were no stock option exercises in 2019.

The following table provides additional information about stock options outstanding and exercisable at December 31, 2021:

		Option	ns Outstanding	;	Options Exercisable						
Range of per share exercise prices	Shares	Per share weighted-average remaining exercise price weighted-average contractual life			Shares	weig	Per share ghted-average ercise price	Weighted-average remaining contractual life			
\$3.98 - \$8.76	5,460,787	\$	5.65	7.7 years	3,194,577	\$	5.69	7.2 years			
\$12.64 - \$16.88	4,857,128	\$	14.40	4.5 years	4,857,128	\$	14.40	4.5 years			
\$17.20 - \$23.94	802,154	\$	21.93	1.2 years	802,154	\$	21.93	1.2 years			
	11,120,069	\$	10.64	5.8 years	8,853,859	\$	11.94	5.2 years			

The fair value of stock options is determined using a Black-Scholes valuation model and requires assumptions be made regarding the expected stock price volatility, risk-free interest rate, life of the award and dividend yield. The expected stock price volatility is based on historical price changes of our stock. The risk-free interest rate is based on U.S. Treasuries with a term equal to the expected life of the award. The expected life of the award and expected dividend yield are based on historical experience.

The following table lists the weighted average of assumptions used to calculate the fair value of stock options granted:

	Years	Years Ended December 31,					
	2021	2020	2019				
Expected dividend yield	2.4%	5.0%	3.0 %				
Expected stock price volatility	70.0%	43.0%	41.5 %				
Risk-free interest rate	1.1%	1.5%	2.5 %				
Expected life	7 years	7 years	5 years				
Weighted-average fair value per option granted	\$4.53	\$1.01	\$1.98				
Fair value of options granted	\$3,342	\$2,830	\$1,722				

Employee Stock Purchase Plan (ESPP)

We maintain a non-compensatory ESPP that enables substantially all U.S. and Canadian employees to purchase shares of our common stock at an offering price of 95% of the average market price on the offering date. At no time will the exercise price be less than the lowest price permitted under Section 423 of the Internal Revenue Code. Employees purchased 182,899 shares and 291,540 shares in 2021 and 2020, respectively. We have reserved 1,818,727 common shares for future purchase under the ESPP.

21. Subsequent Event

In February 2022, we closed on the sale and leaseback of our Shelton, Connecticut office building and received net proceeds, after fees and expenses, of \$51 million and will recognize a pre-tax gain of \$14 million. Total base lease payments under the leaseback agreement will be approximately \$41 million over the ten year lease term.

22. Quarterly Financial Data (unaudited)

Effective October 1, 2021, we elected to adopt the FIFO inventory valuation methodology where we had previously valued inventory on the LIFO basis. Accordingly, amounts previously reported for all quarters of 2020 and the first, second and third quarters of 2021 have been recast from what was previously reported in our quarterly filings on Form 10-Q and annual filing on Form 10-K.

	_	First Quarter	_	Second Quarter	_	Third Quarter		Fourth Quarter		Total
2021										
Revenue	\$	915,197	\$	899,203	\$	875,449	\$	983,712	\$3	,673,561
Cost of revenue		627,635		610,307		601,582		712,039	2	,551,563
Operating expenses		329,209		263,105		266,897		270,202	_1,	,129,413
(Loss) income from continuing operations before income taxes		(41,647)		25,791		6,970		1,471		(7,415)
(Benefit) provision for income taxes	_	(13,992)		4,915		(1,525)		(320)		(10,922)
(Loss) income from continuing operations		(27,655)		20,876		8,495		1,791		3,507
Income (loss) from discontinued operations		(3,886)		(1,020)		572		(524)		(4,858)
Net (loss) income	\$	(31,541)	\$	19,856	\$	9,067	\$	1,267	\$	(1,351)
Basic (loss) earnings per share (1)	_									
Continuing operations	\$	(0.16)	\$	0.12	\$	0.05	\$	0.01	\$	0.02
Discontinued operations		(0.02)		(0.01)		_		_		(0.03)
Net (loss) income	\$	(0.18)	\$	0.11	\$	0.05	\$	0.01	\$	(0.01)
Diluted (loss) earnings per share (1)										
Continuing operations	\$	(0.16)	\$	0.12	\$	0.05	\$	0.01	\$	0.02
Discontinued operations		(0.02)		(0.01)		_		_		(0.03)
			_		_		Ф	0.01	Φ.	(0.01)
Net (loss) income	\$	(0.18)	\$	0.11	\$	0.05	\$	0.01	\$	(0.01)
Net (loss) income 2020	<u>\$</u>	(0.18) First Quarter	<u>\$</u>	0.11 Second Quarter	<u>\$</u>	0.05 Third Quarter		Fourth Quarter	<u>\$</u>	(0.01) Total
	\$	First	_	Second	\$	Third Quarter	_	Fourth	_	
2020	_	First Quarter	_	Second Quarter	_	Third Quarter	_	Fourth Quarter	\$3	Total
2020 Revenue	_	First Quarter	_	Second Quarter 837,492	_	Third Quarter 891,898	_	Fourth Quarter	\$3,	Total ,554,075
2020 Revenue Cost of revenues	\$	First Quarter 796,268 502,891	_	Second Quarter 837,492 565,532	_	Third Quarter 891,898 608,242	_	Fourth Quarter 1,028,417 727,995	\$3, 2, 1,	Total ,554,075 ,404,660
2020 Revenue Cost of revenues Operating expenses	\$	First Quarter 796,268 502,891 521,954	_	Second Quarter 837,492 565,532 255,477	_	Third Quarter 891,898 608,242 272,380	_	Fourth Quarter 1,028,417 727,995 282,973	\$3, 2, 1,	Total ,554,075 ,404,660 ,332,784
2020 Revenue Cost of revenues Operating expenses Income (loss) from continuing operations before income taxes	\$	First Quarter 796,268 502,891 521,954 (228,577)	_	Second Quarter 837,492 565,532 255,477 16,483	_	Third Quarter 891,898 608,242 272,380 11,276	_	Fourth Quarter 1,028,417 727,995 282,973 17,449	\$3; 2; 1;	Total ,554,075 ,404,660 ,332,784 (183,369)
2020 Revenue Cost of revenues Operating expenses Income (loss) from continuing operations before income taxes Provision (benefit) for income taxes	\$	First Quarter 796,268 502,891 521,954 (228,577) (10,026)	_	Second Quarter 837,492 565,532 255,477 16,483 16,957	_	Third Quarter 891,898 608,242 272,380 11,276 541	_	Fourth Quarter 1,028,417 727,995 282,973 17,449 (350)	\$3; 2; 1;	Total ,554,075 ,404,660 ,332,784 (183,369) 7,122
2020 Revenue Cost of revenues Operating expenses Income (loss) from continuing operations before income taxes Provision (benefit) for income taxes (Loss) income from continuing operations	\$	First Quarter 796,268 502,891 521,954 (228,577) (10,026) (218,551)	_	Second Quarter 837,492 565,532 255,477 16,483 16,957 (474)	_	Third Quarter 891,898 608,242 272,380 11,276 541 10,735	_	Fourth Quarter 1,028,417 727,995 282,973 17,449 (350) 17,799	\$3, 2, 1, (Total ,554,075 ,404,660 ,332,784 (183,369) 7,122 (190,491)
2020 Revenue Cost of revenues Operating expenses Income (loss) from continuing operations before income taxes Provision (benefit) for income taxes (Loss) income from continuing operations (Loss) income from discontinued operations	\$	First Quarter 796,268 502,891 521,954 (228,577) (10,026) (218,551) 10,064	\$	Second Quarter 837,492 565,532 255,477 16,483 16,957 (474) (3,032)	\$	Third Quarter 891,898 608,242 272,380 11,276 541 10,735 616	\$1	Fourth Quarter 1,028,417 727,995 282,973 17,449 (350) 17,799 2,467	\$3, 2, 1, (Total ,554,075 ,404,660 ,332,784 (183,369) 7,122 (190,491) 10,115
2020 Revenue Cost of revenues Operating expenses Income (loss) from continuing operations before income taxes Provision (benefit) for income taxes (Loss) income from continuing operations (Loss) income from discontinued operations Net (loss) income	\$	First Quarter 796,268 502,891 521,954 (228,577) (10,026) (218,551) 10,064	\$ 	Second Quarter 837,492 565,532 255,477 16,483 16,957 (474) (3,032)	\$	Third Quarter 891,898 608,242 272,380 11,276 541 10,735 616	\$1	Fourth Quarter 1,028,417 727,995 282,973 17,449 (350) 17,799 2,467	\$3, 2, 1, (Total ,554,075 ,404,660 ,332,784 (183,369) 7,122 (190,491) 10,115
2020 Revenue Cost of revenues Operating expenses Income (loss) from continuing operations before income taxes Provision (benefit) for income taxes (Loss) income from continuing operations (Loss) income from discontinued operations Net (loss) income Basic (loss) earnings per share (1):	\$	First Quarter 796,268 502,891 521,954 (228,577) (10,026) (218,551) 10,064 (208,487)	\$ 	Second Quarter 837,492 565,532 255,477 16,483 16,957 (474) (3,032)	\$	Third Quarter 891,898 608,242 272,380 11,276 541 10,735 616 11,351	\$1	Fourth Quarter 1,028,417 727,995 282,973 17,449 (350) 17,799 2,467 20,266	\$33 2 1 ((\$ (Total ,554,075 ,404,660 ,332,784 (183,369) 7,122 (190,491) 10,115 (180,376)
2020 Revenue Cost of revenues Operating expenses Income (loss) from continuing operations before income taxes Provision (benefit) for income taxes (Loss) income from continuing operations (Loss) income from discontinued operations Net (loss) income Basic (loss) earnings per share (1): Continuing operations	\$	First Quarter 796,268 502,891 521,954 (228,577) (10,026) (218,551) 10,064 (208,487) (1.28)	\$ 	Second Quarter 837,492 565,532 255,477 16,483 16,957 (474) (3,032) (3,506)	\$	Third Quarter 891,898 608,242 272,380 11,276 541 10,735 616 11,351	\$1	Fourth Quarter 1,028,417 727,995 282,973 17,449 (350) 17,799 2,467 20,266 0.10 0.01	\$33 2 1 ((\$ (Total ,554,075 ,404,660 ,332,784 (183,369) 7,122 (190,491) 10,115 (180,376) (1.11)
2020 Revenue Cost of revenues Operating expenses Income (loss) from continuing operations before income taxes Provision (benefit) for income taxes (Loss) income from continuing operations (Loss) income from discontinued operations Net (loss) income Basic (loss) earnings per share (1): Continuing operations Discontinued operations	\$ <u>\$</u> \$	First Quarter 796,268 502,891 521,954 (228,577) (10,026) (218,551) 10,064 (208,487) (1.28) 0.06	\$ 	837,492 565,532 255,477 16,483 16,957 (474) (3,032) (3,506)	\$ 	Third Quarter 891,898 608,242 272,380 11,276 541 10,735 616 11,351 0.06 —	\$1 	Fourth Quarter 1,028,417 727,995 282,973 17,449 (350) 17,799 2,467 20,266 0.10 0.01	\$3, 2, 1, () \$ \$	Total ,554,075 ,404,660 ,332,784 (183,369) 7,122 (190,491) 10,115 (180,376) (1.11) 0.06
2020 Revenue Cost of revenues Operating expenses Income (loss) from continuing operations before income taxes Provision (benefit) for income taxes (Loss) income from continuing operations (Loss) income from discontinued operations Net (loss) income Basic (loss) earnings per share (1): Continuing operations Discontinued operations Net (loss) income	\$ <u>\$</u> \$	First Quarter 796,268 502,891 521,954 (228,577) (10,026) (218,551) 10,064 (208,487) (1.28) 0.06	\$ 	837,492 565,532 255,477 16,483 16,957 (474) (3,032) (3,506)	\$ 	Third Quarter 891,898 608,242 272,380 11,276 541 10,735 616 11,351 0.06 —	\$1 	Fourth Quarter 1,028,417 727,995 282,973 17,449 (350) 17,799 2,467 20,266 0.10 0.01	\$3, 2, 1, () \$ \$	Total ,554,075 ,404,660 ,332,784 (183,369) 7,122 (190,491) 10,115 (180,376) (1.11) 0.06
2020 Revenue Cost of revenues Operating expenses Income (loss) from continuing operations before income taxes Provision (benefit) for income taxes (Loss) income from continuing operations (Loss) income from discontinued operations Net (loss) income Basic (loss) earnings per share (1): Continuing operations Discontinued operations Net (loss) income Diluted (loss) earnings per share (1):	\$ \$ \$	First Quarter 796,268 502,891 521,954 (228,577) (10,026) (218,551) 10,064 (208,487) (1.28) 0.06 (1.22)	\$ \$ \$ \$	837,492 565,532 255,477 16,483 16,957 (474) (3,032) (3,506)	\$ \$ \$	Third Quarter 891,898 608,242 272,380 11,276 541 10,735 616 11,351 0.06 — 0.07	\$1 \$ \$ \$	Fourth Quarter 1,028,417 727,995 282,973 17,449 (350) 17,799 2,467 20,266 0.10 0.01 0.12	\$3, 2, 1, () \$ () \$	Total ,554,075 ,404,660 ,332,784 (183,369) 7,122 (190,491) 10,115 (180,376) (1.11) 0.06 (1.05)

⁽¹⁾ The sum of earnings per share amounts may not equal the totals due to rounding.

PITNEY BOWES INC. SCHEDULE II - VALUATION AND QUALIFYING ACCOUNTS AND RESERVES (Dollars in thousands)

Description			tions charged o expense	I	Deductions	Balance at end of year		
Valuation allowance for deferred tax asset								
2021	\$	116,543	\$	7,490	\$	(2,255)	\$	121,778
2020	\$	110,781	\$	23,150	\$	(17,388)	\$	116,543
2019	\$	142,496	\$	5,324	\$	(37,039)	\$	110,781

CERTIFICATION PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

- I, Marc B. Lautenbach, certify that:
- 1. I have reviewed this Annual Report on Form 10-K of Pitney Bowes 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 and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5. The registrant's other certifying officer 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 registrant's board of directors (or persons performing the equivalent functions):
 - 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 22, 2022

/s/ Marc B. Lautenbach

Marc B. Lautenbach

President and Chief Executive Officer

CERTIFICATION PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

- I, Ana Maria Chadwick, certify that:
- 1. I have reviewed this Annual Report on Form 10-K of Pitney Bowes 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 and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - 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 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 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 22, 2022 /s/ Ana Maria Chadwick

Ana Maria Chadwick

Executive Vice President and 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 Pitney Bowes Inc. (the "Company") on Form 10-K for the year ended December 31, 2021 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Marc B. Lautenbach, President and Chief Executive Officer of the Company, certify, to the best of my knowledge, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

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

/s/ Marc B. Lautenbach

Marc B. Lautenbach
President and Chief Executive Officer

Date: February 22, 2022

The foregoing certification is being furnished solely to accompany this report pursuant to 18 U.S.C. §1350, and is not being filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and is not to be incorporated by reference into any filing of the Company.

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 Pitney Bowes Inc. (the "Company") on Form 10-K for the year ended December 31, 2021 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Ana Maria Chadwick, Executive Vice President and Chief Financial Officer of the Company, certify, to the best of my knowledge, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

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

/s/ Ana Maria Chadwick

Ana Maria Chadwick
Executive Vice President and Chief Financial
Officer

Date: February 22, 2022

The foregoing certification is being furnished solely to accompany this report pursuant to 18 U.S.C. §1350, and is not being filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and is not to be incorporated by reference into any filing of the Company.

Stockholder Information

World Headquarters

Pitney Bowes Inc. 3001 Summer Street, Stamford, CT 06926 203.356.5000 www.pitneybowes.com

Annual Meeting

Stockholders are cordially invited to attend the Virtual Annual Meeting at 9:00 a.m., Monday, May 2, 2022, via live webcast. Notice of the meeting will be mailed or made available to stockholders of record as of March 4, 2022. Please refer to the Proxy Statement for information concerning admission to the meeting.

10-K Report

Included in this Annual Report to Stockholders is a copy of our Annual Report on Form 10-K for the fiscal year ended December 31, 2021, as filed with the Securities and Exchange Commission (SEC). This Annual Report contains statements that are forward-looking. These statements are based on current expectations and assumptions that are subject to risks and uncertainties. Actual results could differ materially because of factors discussed in the Forward-Looking Statements section of the Form 10-K. The CEO/CFO certifications required to be filed with the SEC under Section 302 of the Sarbanes-Oxley Act of 2002 were filed as exhibits to our Annual Report on Form 10-K for the fiscal year ended December 31, 2021. The CEO certification required to be submitted to the NYSE pursuant to Section 303A.12(a) of the NYSE Listed Company Manual was submitted on June 2, 2021.

Copies of our Form 10-K are available without charge at www.pb.com/investorrelations or upon written request to: Investor Relations

Pitney Bowes Inc.

3001 Summer Street, Stamford, CT 06926

Stock Exchange

Pitney Bowes common stock is traded under the symbol "PBI." The principal market on which it is listed is the New York Stock Exchange.

Investor Inquiries

All investor inquiries about Pitney Bowes should be addressed to: Investor Relations

Pitney Bowes Inc.

3001 Summer Street, Stamford, CT 06926

Comments concerning the Annual Report should be sent to:

Corporate Communications Pitney Bowes Inc. 3001 Summer Street, Stamford, CT 06926

Transfer Agent and Registrar

Regular Mail: Broadridge Corporate Issuer Solutions

PO Box 1342 Brentwood, NY 11717

Overnight Mail: Broadridge Corporate Issuer Solutions

ATTN: IWS

1155 Long Island Avenue Edgewood, NY 11717

Email: shareholder@broadridge.com

Website: https://shareholder.broadridge.com/PBI Stockholders may call Broadridge at (800) 648-8170.

Stockholder Inquiries

To provide or obtain information concerning transfer requirements, lost certificates, dividends, changes of address and other matters, please call: (800) 648-8170, TDD phone service for the hearing impaired (855) 627-5080, for foreign holders (720) 414-6868; or write to an address above.

Dividend Reinvestment Plan

Owners of Pitney Bowes Inc. common stock may purchase common stock, \$1 par value, with their dividends through the Dividend Reinvestment Plan. A prospectus and enrollment card may be obtained by calling (800) 648-8170 or (720) 414-6868 (int'l) or by writing to the agent at an address above.

Direct Deposit of Dividends

For information about direct deposit of dividends, please call (800) 648-8170 or (720) 414-6868 (int'l) or write to the agent at an address above.

Duplicate Mailings

If you receive duplicate mailings because you have more than one account listing, you may wish to save your company money by consolidating your accounts. Please call (800) 648-8170 or (720) 414-6868 (int'l) or write to the agent at an address above.



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The paper is certified to Forest Stewardship Council® (FSC®) standards.

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