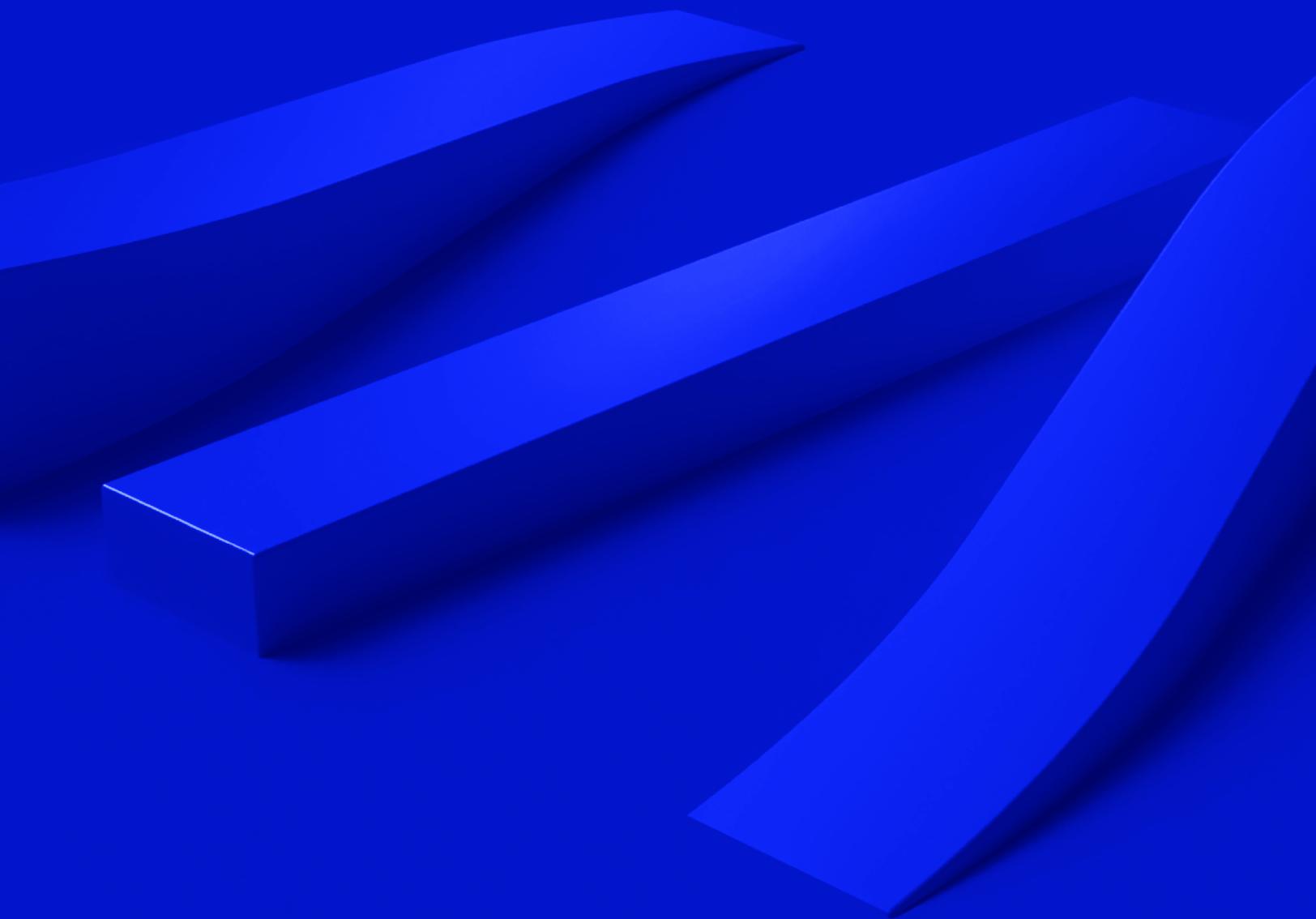




Annual Report 2024



The background is a solid blue color with several overlapping, wavy, ribbon-like shapes that create a sense of movement and depth. The waves flow from the top right towards the bottom left. The text is centered horizontally and vertically over the image.

It all starts

with trust

In a world of complexity, investors rely on us to deliver with certainty — safeguarding their assets, supporting their ambitions, and standing by them with unwavering commitment. Trust is the foundation of our work — a responsibility we uphold every day with our clients, our employees, our shareholders, and the communities in which we operate.

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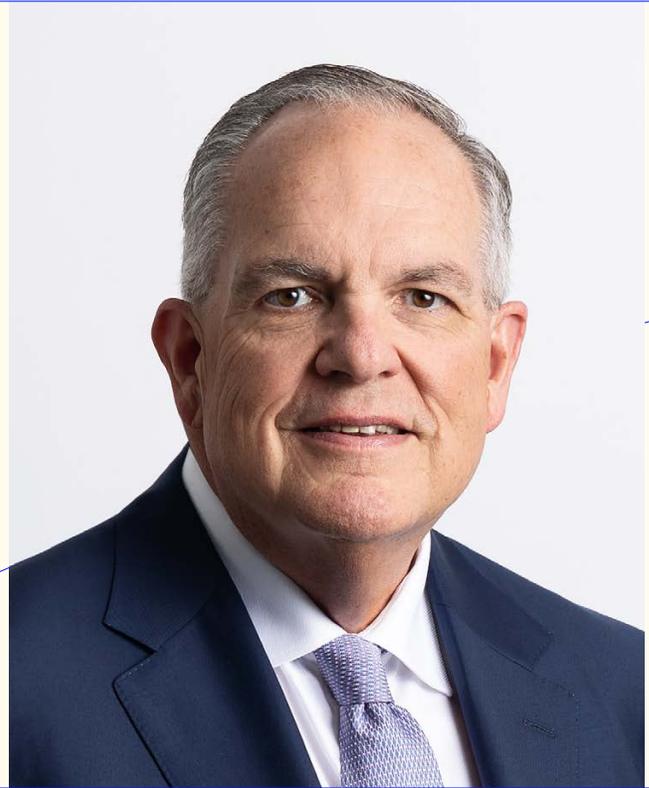
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A MESSAGE TO OUR SHAREHOLDERS

A year of strong momentum and growth

Ronald P. O’Hanley
CHAIRMAN AND CEO



State Street’s principal banking entity bears the name “State Street Bank and Trust.” The word “Trust” is more than a name — it embodies our business and serves as the foundation of every State Street relationship. Trust is not taken nor assumed; it is earned through making and keeping promises, consistent execution, unwavering integrity, and a steadfast commitment to our clients and their desired outcomes, which in turn, fosters long-term growth and lasting value to our shareholders.

Our clients rely on us as an essential partner, confident in our service quality and operational excellence — enabled by top-tier talent, scale, and technology. By delivering on this promise, we create enduring value for our clients and grow alongside them.

Without trust, partnership does not exist — and partnerships have never been more critical than today. Whether in times of stability or periods of disruption, strong and reliable partners help minimize vulnerabilities, marshal resources and expertise, and drive resilience. This principle is true across industries, and our clients are no exception as they navigate an ever-evolving market and operating landscape.

The global economy is different from just a few years ago. Macro forces — from geopolitical reordering, surging debt levels, shifting demographics, rapid technology change, and evolving trade and immigration policies — are reshaping the investment landscape. These trends have the potential to significantly impact global growth, inflation, and market stability.

“Trust is not taken nor assumed; it is earned through making and keeping promises, consistent execution, unwavering integrity, and a steadfast commitment to our clients and their desired outcomes, which in turn, fosters long-term growth and lasting value to our shareholders.”

As our clients refine their investment strategies accordingly, the increasing complexity of their portfolios makes operational efficiency and innovation critical priorities. In this environment, state-of-the-art investment and servicing capabilities are a decisive advantage.

At the same time, institutional investors face mounting fee pressures, new technology requirements, and rising costs, which are driving increased demand for new operating models. Clients seek end-to-end solutions that provide critical infrastructure and technology, new capabilities, efficiency, and better data management to drive smarter, more informed investment decisions. These services not only improve operational effectiveness and reduce costs, they also provide access to advanced solutions and specialized expertise — capabilities that are difficult and costly to replicate without scale.

Our role extends far beyond providing services or products — it requires strategic alignment, acting as an extension of our clients’ teams, proactively anticipating their needs, and developing or codeveloping solutions to address them effectively.

Our people truly excel in this space. Time and time again, our teams bring deep expertise, creativity, and forward-thinking innovation to every challenge — pushing boundaries and redefining the status quo. We embrace a holistic approach to innovation, leveraging technology and data while also rethinking operating models and pioneering new ways of working. This focus positions our clients — and consequently State Street — for sustained, long-term success.

Innovation is fundamental to how we create value. It may take the form of continuous refinements, or bold, transformational changes that reshape the industry. In 2024, the investment world celebrated the centennial anniversary of the mutual fund. State Street played a pivotal role in what turned out to be a stunning innovation, serving as the custodian for the first U.S. open-ended mutual fund, established in 1924. Today, we service 38 percent* of the U.S., 23 percent* of the global, and 16 percent* of the Europe, the Middle East and Africa (EMEA) mutual fund and undertakings for collective investment in transferable securities (UCITS) markets. This breakthrough laid the groundwork for further innovation, including exchange-traded funds (ETFs), where today we are also the market leader serving over 40 percent* of the global ETF market.

Over 30 years ago, State Street Global Advisors launched SPY — the first U.S.-listed ETF. It has since become the world's most liquid and heavily traded ETF. As the ETF marketplace has surged to \$14.7 trillion*, State Street has become the world's largest ETF servicer and the third-largest sponsor/manager of ETFs.

These advancements have deepened financial markets, increased access, expanded participation, and fueled long-term wealth creation.

I take great pride in State Street's role in the global financial system — helping our clients create value while contributing to a stronger, more impactful investment ecosystem. In all that we do, we remain guided by our purpose: **to help create better outcomes for the world's investors and the people they serve.**

To fulfill our purpose, we operate through two primary lines of business: Investment Servicing, which includes our Investment Services and Global Markets businesses, and Investment Management through State Street Global Advisors. In Investment Servicing, our clients depend on us to provide mission-critical services that enable them to focus on investing well on behalf of their clients. Meanwhile, State Street Global Advisors — the fourth-largest investment manager in the world, efficiently allocates capital on behalf of clients, manages risk, and facilitates long-term wealth creation for millions of investors worldwide.

At the heart of our organization is a singular vision: **to be the leading partner and provider to asset managers, asset owners, and wealth managers globally with high-quality servicing, analytics, financing, liquidity, and investment solutions.**

This vision reflects our distinct value proposition — one that unites our shared purpose, aspirations, and expertise into a cohesive approach that deepens partnerships and unlocks new opportunities both inside and outside of State Street.

* As of December 31, 2024.

“Our role extends far beyond providing services or products — it requires strategic alignment, acting as an extension of our clients’ teams, proactively anticipating their needs, and developing or co-developing solutions to address them effectively.”

Our strategic foundation

The operating environment in 2024 was broadly constructive for State Street, allowing us to build on our strong strategic foundation, reinforced by years of investment. Ours is a business in which a multi-year strategy and associated investments — in service excellence, client relationships, technology, and product and people capabilities — compound over time, positioning us for sustained success.

In 2024, we further strengthened our business through key strategic actions, optimizing performance via growth initiatives across each of our businesses, deeper client engagement, prudent deposit pricing, investment portfolio repositioning, accelerated innovation, and advancing our multi-year transformation and productivity initiatives.

In last year’s annual report, I outlined key strategic priorities for 2024; we executed well against each:

- Delivering sustained fee revenue growth
- Extending market leadership in our Global Markets and Investment Management businesses
- Enhancing productivity while providing our clients service and operational excellence
- Building out even more technological capabilities to support growth, manage risk, and improve resilience
- Fostering a workplace culture that accelerates business performance; sharpens accountability; and attracts, retains, and inspires top talent

“2024 was an outstanding year for State Street financial performance, underscoring the strength of our franchise and the effectiveness of our strategy.”

Through this disciplined execution coupled with service excellence, we delivered strong financial performance, deepened client relationships, and sustained business momentum, reinforcing the long-term value of investing in State Street.

2024 financial performance¹

2024 was an outstanding year for State Street financial performance, underscoring the strength of our franchise and the effectiveness of our strategy.

Full-year earnings per share (EPS) rose to \$8.21 in 2024, up from \$5.58 in 2023. Excluding notable items, EPS grew 13 percent year-over-year to \$8.67, while pre-tax margin expanded by more than a full percentage point to 28 percent. Full-year return on average tangible common equity reached 18 percent, or 19 percent, excluding notable items.

Our strong performance and balance sheet allowed us to return \$2.2 billion of capital to shareholders, through common share repurchases and dividends, including a 10 percent increase in our declared quarterly common dividend per share beginning in the third quarter.

I am particularly pleased with our broad-based revenue growth. Full-year fee revenue increased 7 percent compared to 2023, while total revenue grew 9 percent and net interest income (NII) grew 6 percent. Excluding notable items, fee revenue and total revenue each increased by 6 percent year-over-year. Every revenue line contributed positively, including double-digit growth in management fees, foreign exchange (FX) trading services, and front-office software and data revenue. Additionally, we delivered a second consecutive year of record NII.

¹ Excluding notable items is a non-GAAP presentation. Refer to reconciliations of non-GAAP financial information included in “Financial Highlights.” Please also refer to Item 8 of the Form 10-K with this annual report for the GAAP-basis presentation of our consolidated financial statements for the years ended December 31, 2023 and 2024.

\$2.2B

Of capital returned to shareholders

28%

Pre-tax margin,
excluding notables

We carefully managed our expense base to support revenue growth, achieving positive fee and total operating leverage² in 2024. Excluding notable items, we realized 205 basis points of positive fee and 200 basis points of total operating leverage, even as expenses increased by 4 percent year-over-year, driven in part by higher revenue-related costs. As we continue positioning our business for sustainable growth, expense discipline remains a top priority.

Our assets under custody and/or administration (AUC/A) reached \$46.6 trillion at year-end, reflecting an 11 percent increase year-over-year, primarily driven by higher period-end market levels and client flows.

At State Street Global Advisors, total 2024 year-end assets under management³ (AUM) grew to \$4.7 trillion, up 15 percent year-over-year, primarily due to higher period-end market levels and net inflows of \$146 billion. Notably, we achieved record full year ETF net inflows of \$109 billion, and grew market share in our strategically important U.S. Low-Cost ETF suite and the EMEA region.

Strong business momentum

Our **Investment Services** business remains State Street's largest revenue generator. In 2024, we again advanced and executed against our strategy to drive sustainable revenue growth and strengthen our market position.

² Fee/total operating leverage is the rate of growth of fee/total revenue less the rate of growth of total expenses, relative to the corresponding prior year period, as applicable.

³ Assets under management as of December 31, 2024, includes approximately \$82 billion of assets with respect to SPDR products for which State Street Global Advisors Funds Distributors, LLC (SSGA FD) acts solely as the marketing agent. SSGA FD and State Street Global Advisors are affiliated.



“Service quality is key to our value proposition, and it is what unites us as an organization. 2024 marked our second consecutive year of increased client satisfaction and loyalty, a testament to our continued service momentum.”

Service quality is key to our value proposition, and it is what unites us as an organization. 2024 marked our second consecutive year of increased client satisfaction and loyalty, a testament to our continued service momentum. Service excellence leads to better client retention, reduces fee pressure, broadens relationships, and earns us the right to win new business. Further underscoring service quality, we achieved our servicing fee revenue retention target of 97 percent.

Our enhanced client service is also reflected in our servicing sales performance. In 2024, we delivered on our ambitious fee revenue sales goals, with the vast majority in back-office revenues, aligning with our goal of prioritizing faster time-to-revenue products. Additionally, our AUC/A pipeline continued to grow, reflecting continued market demand and reinforcing confidence in our long-term servicing fee performance.

Front-office software and data revenue grew 10 percent year-over-year, and we achieved record new bookings in the fourth quarter. Charles River Development delivered important new enhancements to its core software, expanded its wealth capabilities, and explored new partnership opportunities in wealth distribution for Global Advisors products. Front-office software and data revenue was \$639 million in 2024, representing over 6 percent of our total fee revenue, and we are well along in our strategy to build a \$1 billion business.

In 2024, we celebrated the five-year anniversary of State Street Alpha® — a key example of how we successfully incubate, scale, and integrate innovative solutions into our core business. State Street Alpha has matured into a critical element of our value proposition, offering a configurable, open-architecture platform that enhances data integration and streamlines investment activities. It provides a clear competitive advantage, helping to retain business, win new long-term relationships, and deepen existing client relationships.

97%

Servicing
fee revenue
retention

35

Total number
of State Street
Alpha clients

>90

Products launched
by Global Advisors

This was evident in 2024, with a significant new mandate that began as a front-office Charles River Development client, but has now expanded our relationship to include middle- and back-office services, including custody, all underpinned by our Alpha data platform and data services. State Street Alpha contributed to half of our AUC/A wins in 2024, with seven new mandates, bringing our total number of Alpha clients to 35 — 25 of which were live on our platform at year-end.

Our **Global Markets** business continued to innovate while remaining focused on supporting clients and expanding wallet share. We strengthened our leadership position in FX, digital platforms, differentiated research, and our top-ranked agency lending program, which leverages the scale of our custody business. We also advanced targeted strategic initiatives including closing the acquisition of CF Global Trading, enhancing our ability to enable agency-based trading across multiple asset classes and geographies.

Through focused execution and strong market demand, we achieved notable business growth, including an 11 percent increase in FX trading services revenue. These results reflect our commitment to strategic decision-making and client-driven innovation.

Global Advisors also had an exceptional year in 2024, with management fees reaching an all-time high for State Street. We generated \$146 billion in net new assets, delivering more than 3 percent organic AUM growth for the second consecutive year, supported by achieving heightened client loyalty levels.

We implemented our strategy to accelerate innovation, expand capabilities, and enhance client solutions, positioning the business for continued growth. We are already realizing early benefits from these initiatives. In 2024, Global Advisors launched more than 90 products worldwide — more than in the past three years combined.

We also leveraged our “ETF as a Service” model, where Global Advisors manages partner ETFs on its platform while Investment Services provides administrative services — unlocking the broader value of One State Street for our clients. We continued our long history of democratizing investing and broadening our market base by innovating in new target date structures that provide longevity protection to retirement investors as well as exploring mechanisms to broaden access to high-quality alternatives strategies.

Client experience and operations

Our commitment to clients is at the core of our identity, deeply embedded in our culture, and is fundamental to our success. Every day, I witness our employees’ dedication firsthand — putting clients at the center of every decision, delivering exceptional service quality execution, and exceeding expectations in even the smallest interactions. The client experience is woven into every aspect of our organization, from the insights we share and the technology we advance, to the efficiencies we drive and the risk management strategies we implement. Trust is built and strengthened through this holistic approach — where trusted human expertise and operational excellence combine to create lasting value.

As a global financial services company, we are in the knowledge business. Helping clients achieve better outcomes requires more than just execution — it requires actionable insight. We provide industry-leading thought leadership that enhances our clients’ understanding of market trends and key industry developments to enable them to invest better.

This commitment to knowledge-sharing fosters meaningful dialogue, equipping our clients with the intelligence and strategic foresight they need to navigate complexity and gain a competitive edge.

One of the most significant industry milestones of 2024 was the transition to T+1 settlement, a fundamental shift that reshaped operational processes for global investors. This change provided State Street with an opportunity to reaffirm our role as an essential partner to our clients. Our proactive approach and operational expertise enabled clients to navigate this change seamlessly, reinforcing our value and demonstrating the strength of our firm-wide capabilities. It was a powerful demonstration of effective client engagement and industry leadership.

Our license to operate relies on our unwavering commitment to risk excellence and upholding the trust of clients and regulators. This responsibility is even more critical given our designation as a Global Systemically Important Financial Institution. Risk management is embedded in our culture and reflected in our continued investment in maintaining a robust risk and control environment. We consistently enhance our infrastructure, technology, operating standards, and governance to fortify and strengthen an already strong control framework — reinforcing confidence in our ability to operate with prudence and stability.

In 2024, we advanced our technology modernization and rationalization efforts, consolidating our physical technology landscape while investing in more agile and efficient applications.

“Every day, I witness our employees’ dedication firsthand — putting clients at the center of every decision, delivering exceptional service quality execution, and exceeding expectations in even the smallest interactions.”

Resiliency remains a priority, and we continue to drive improvements that enhance the stability and performance of our platforms. We also utilized artificial intelligence and machine learning to optimize workflows, accelerate technology development, free up resource capacity, and enable employees to focus on more strategic, meaningful, and high-value work. With a strong foundation of talent and cutting-edge technology, we are primed to sustain and extend our industry leadership.

Our operation is our product, and in 2024, we made significant progress in our end-to-end transformation and simplification of our global operating model. By streamlining and optimizing our operating model, we delivered better service, and improved client outcomes, while achieving productivity savings. In 2024, we realized approximately \$500 million in recurring savings through our productivity initiatives, which funded significant investments in our business.

Our strategic investments included enhancing State Street Alpha, expanding servicing capabilities for private markets, and strengthening our digital and custody capabilities to drive future growth. Beyond business growth, we also continued to fortify cybersecurity and resiliency, as well as enhance product offerings in payments, cash, and custody services.

In 2024, we further optimized our India operations by assuming control of a second operations joint venture, building on our successful consolidation of a separate operations joint venture in 2023. These actions provide expanded scale and streamline our operating model, enabling faster decision-making and delivering a smoother, more efficient experience for clients. Furthermore, we expect the consolidation of our India operations joint ventures to unlock additional efficiencies and productivity savings in the years ahead.

“Businesses thrive when the communities in which they operate are strong.”



> 100k

Hours of volunteer time by our employees

Our people and communities

Our people are the driving force behind our success. I want to express my sincerest gratitude to each of them for their unwavering commitment to delivering on State Street’s purpose, vision, and strategic priorities. Each of our approximately 53,000 employees play a vital part in earning our clients’ trust, shaping their experience, and thus driving our business forward. Our culture is the foundation that enables our strategy, reinforcing accountability; strengthening business performance; and allowing us to attract, develop, motivate, and retain world-class talent.

Businesses thrive when the communities in which they operate are strong. To support our communities, State Street Foundation invested nearly \$22 million in 2024 to create brighter futures, with a primary focus on education and workforce readiness initiatives around the globe.

Our employees further amplified this impact through their own philanthropic giving, matched by State Street Foundation. Even more impactful is the over 100,000 hours of volunteer time by our employees in 2024 — not only their time but also their expertise and skills to drive meaningful, positive change in the communities where they live and work.

Helping to build capabilities within the financial services industry extends opportunity, fuels innovation, strengthens economic resilience, and drives long-term growth. In 2024, we deployed \$100 million in deposits with community-based depository institutions, providing critical capital directly to underbanked communities to stimulate local economic development.

We also continued our program to access a broad investor base by partnering with a diverse syndicate of underwriters for our corporate-issued securities, reinforcing our commitment to accessing additional talent within the financial services industry.

Attracting and retaining high-quality talent is critical to State Street's business success. State Street has an unwavering commitment to creating a workplace in which talented people feel valued, respected, and engaged. An inclusive workplace where everyone feels a sense of belonging drives value for our clients, employees, shareholders, and communities.

A future built on strength

I will conclude where I began — by reaffirming that trust is the foundation of our business and the driving force behind sustainable growth and long-term business success. Our strong performance in 2024 exemplifies our ability to earn, deepen, and uphold that trust through consistent high-quality execution. Thanks to our extraordinary employees, we not only served our clients well but also achieved key strategic milestones, fortifying our foundation for even greater success in 2025 and beyond.

As we look ahead, we remain focused on three strategic priorities:

- Delivering sustained revenue growth
- Achieving operational excellence
- Fostering a high-performing culture

Being an essential partner carries a dual mandate: to deliver exceptional service to our clients — so they, in turn, can better serve their clients — while also driving sustainable growth and value for you, our shareholders. Over our nearly 233-year history, we have grown and evolved alongside the global economy, pioneering innovations that have transformed modern investing. As we continue shaping the future, we do so with an understanding that our potential is even greater than our accomplishments.

With a compelling growth strategy strengthened by a distinctive value proposition, and an unwavering commitment to our clients, employees, and shareholders, we are effectively positioning our firm for long-term sustainable growth.

Thank you for your continued partnership and trust.



Ronald P. O'Hanley

CHAIRMAN AND CEO

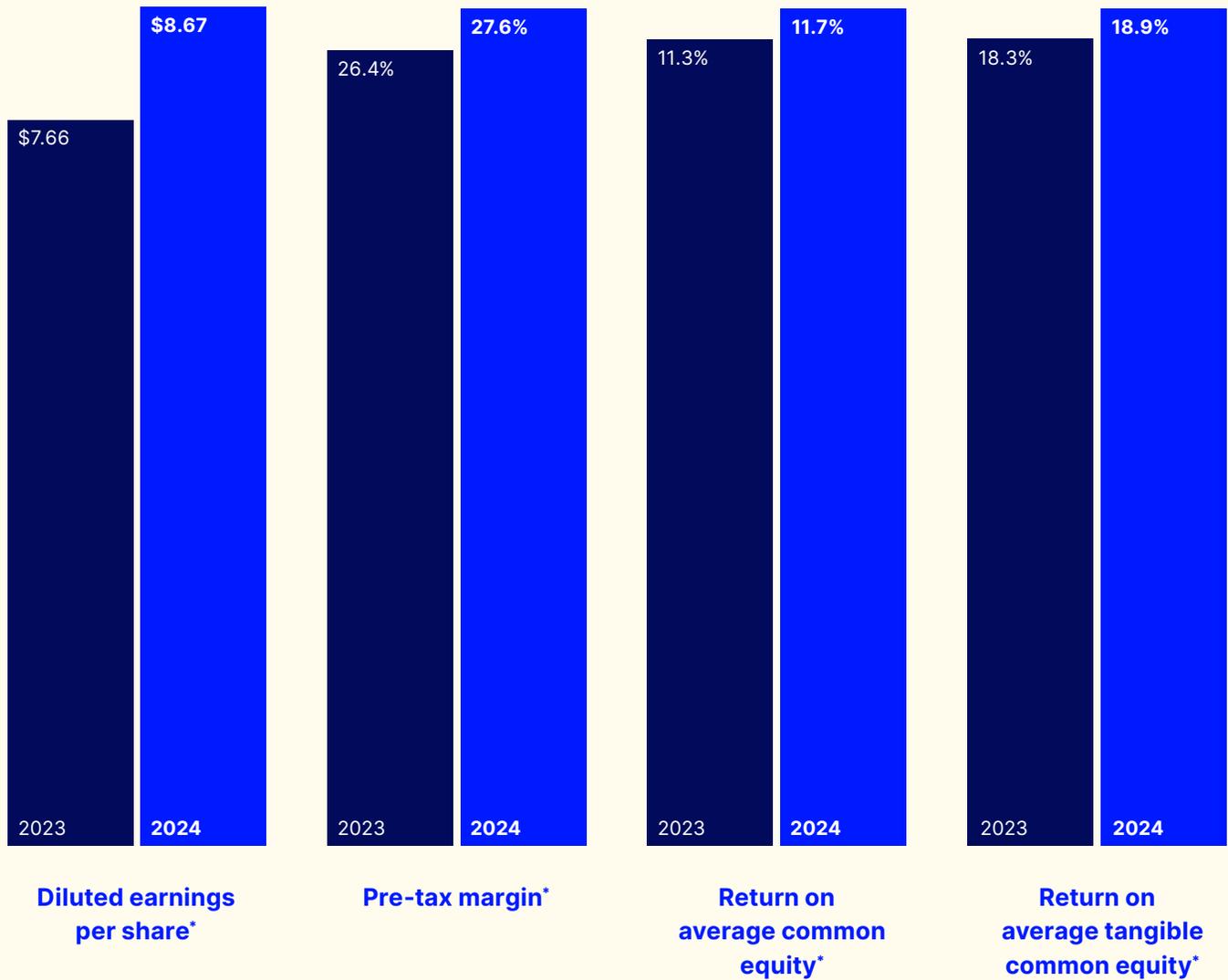
Forward-looking statements

This annual report contains forward-looking statements as defined by U.S. securities laws. These statements are not guarantees for future performance, are inherently uncertain, are based on assumptions that are difficult to predict, and have a number of risks and uncertainties.

Further, they speak only as of the time this annual report is first published, and State Street does not undertake efforts to revise forward-looking statements. Refer to Item 1A of the Form 10-K included with this annual report for details.

Financial Highlights

Non-GAAP, excluding notables



*Excluding notable items is a non-GAAP presentation. Refer to the reconciliations of non-GAAP financial information included below. Please also refer to Item 8 of the Form 10-K included with this annual report for the GAAP-basis presentation of our consolidated financial statements for the years ended December 31, 2023 and 2024.

Reconciliations of non-GAAP financial information

In addition to presenting State Street's financial results in conformity with U.S. generally accepted accounting principles, or GAAP, management also presents certain financial information on a basis that excludes or adjusts one or more items from GAAP. This latter basis is a non-GAAP presentation. In general, our non-GAAP financial results adjust selected GAAP-basis financial results to exclude the impact of revenue and expenses outside of State Street's normal course of business or other notable items, such as acquisition and restructuring charges, repositioning charges, gains/losses on sales, as well as, for selected comparisons, seasonal items. For example, we sometimes present expenses on a basis we may refer to as "expenses ex-notable items," which exclude notable items and, to provide additional perspective on both prior year quarter and sequential quarter comparisons, also exclude seasonal items. Management believes that this presentation of financial information facilitates an investor's further understanding and analysis of State Street's financial performance and trends with respect to State Street's business operations from period-to-period, including providing additional insight into our underlying margin and profitability. In addition, Management may also provide additional non-GAAP measures. For example, we may present revenue and expense measures on a constant currency basis to identify the significance of changes in foreign currency exchange rates (which often are variable) in period-to-period comparisons. This presentation represents the effects of applying prior period weighted average foreign currency exchange rates to current period results. Non-GAAP financial measures should be considered in addition to, not as a substitute for or superior to, financial measures determined in conformity with GAAP.

(Dollars in millions)	Years Ended		
	2023	2024	% Change
TOTAL EXPENSES:			
Total expenses, GAAP-basis	\$9,583	\$9,530	(0.6)%
Less: Notable items			
Acquisition and restructuring costs ⁽⁴⁾	15	-	nm
Deferred compensation expense acceleration ⁽⁵⁾	-	(79)	nm
Repositioning (charges)/release ⁽⁶⁾	(203)	2	nm
FDIC special assessment ⁽⁷⁾	(387)	(99)	nm
Other notable items ⁽⁸⁾	(45)	(12)	(73.3)
Total expenses, excluding notable items	\$8,963	\$9,342	4.2%

^{nm} Denotes not meaningful

(Dollars in millions, except per-share amounts)	Years Ended		
	2023	2024	% Change
DILUTED EARNINGS PER SHARE:			
Diluted earnings per share, GAAP-basis	\$5.58	\$8.21	47.1%
Less: Notable items			
Foreign exchange trading services ⁽¹⁾	-	(0.04)	
Other fee revenue ⁽²⁾	-	(0.16)	
(Gains) losses related to investment securities net ⁽³⁾	0.66	0.20	
Acquisition and restructuring costs ⁽⁴⁾	(0.03)	-	
Deferred compensation expense acceleration ⁽⁵⁾	-	0.19	
Repositioning charges ⁽⁶⁾	0.47	-	
FDIC special assessment ⁽⁷⁾	0.89	0.24	
Other notable items ⁽⁸⁾	0.09	0.03	
Diluted earnings per share, excluding notable items	\$7.66	\$8.67	13.2%
PRE-TAX MARGIN:			
Pre-tax margin, GAAP-basis	19.4%	26.1%	6.7% pts
Less: Notable items			
Foreign exchange trading services ⁽¹⁾	-	(0.1)	
Other fee revenue ⁽²⁾	-	(0.5)	
(Gains) losses related to investment securities net ⁽³⁾	2.3	0.6	
Acquisition and restructuring costs ⁽⁴⁾	(0.1)	-	
Deferred compensation expense acceleration ⁽⁵⁾	-	0.6	
Repositioning charges ⁽⁶⁾	1.6	-	
FDIC special assessment ⁽⁷⁾	3.0	0.8	
Other notable items ⁽⁸⁾	0.2	0.1	
Pre-tax margin, excluding notable items	26.4%	27.6%	1.2% pts
RETURN ON AVERAGE COMMON EQUITY:			
Return on average common equity, GAAP-basis	8.2%	11.1%	2.9% pts
Less: Notable items			
Foreign exchange trading services ⁽¹⁾	-	(0.1)	
Other fee revenue ⁽²⁾	-	(0.2)	
(Gains) losses related to investment securities net ⁽³⁾	1.3	0.3	
Acquisition and restructuring costs ⁽⁴⁾	(0.1)	-	
Deferred compensation expense acceleration ⁽⁵⁾	-	0.3	
Repositioning charges ⁽⁶⁾	0.9	-	
FDIC special assessment ⁽⁷⁾	1.7	0.4	
Other notable items ⁽⁸⁾	-	0.05	
Tax impact of notable items	(1.0)	(0.2)	
Return on average common equity, excluding notable items	11.3%	11.7%	0.4% pts

Reconciliation of return on average tangible common equity

The return on average tangible common equity (ROTCE) is a ratio that management believes provides context about State Street's use of equity. ROTCE is calculated by dividing annual net income available to common shareholders by annual average tangible common equity. Average tangible common equity is a non-GAAP measure which reduces average common shareholders' equity, by average goodwill and other intangible assets, net of related deferred taxes. Since there is no authoritative requirement to calculate the ROTCE ratio, our ROTCE ratio is not necessarily comparable to similar measures disclosed or used by other companies in the financial services industry. ROTCE is a non-GAAP financial measure and should be considered in addition to, not as a substitute for or superior to, financial measures determined in accordance with GAAP or other applicable requirements. Reconciliation with respect to the calculation of the ROTCE ratio is presented below.

(Dollars in millions, except where otherwise noted)	Years Ended	
	2023	2024
AVERAGE TANGIBLE COMMON EQUITY:		
Average common shareholders' equity	\$22,201	\$22,339
Less:		
Average goodwill	7,536	7,721
Average other intangible assets	1,460	1,206
Plus related deferred tax liabilities	492	462
Average tangible common shareholders' equity - non-GAAP	\$13,697	\$13,874
Net income available to common shareholders	\$1,821	\$2,483
Net income available to common shareholders, excluding notable items ⁽⁹⁾	2,500	2,623
Return on average tangible common equity - non-GAAP	13.3 %	17.9 %
Return on average tangible common equity, excluding notable items - non-GAAP⁽¹⁰⁾	18.3 %	18.9 %

⁽¹⁾ Amount in 2024 consists of a \$15 million revenue-related recovery associated with the proceeds from a 2018 foreign exchange benchmark litigation resolution, which is reflected in foreign exchange trading services revenue.

⁽²⁾ Amount in 2024 consists of a \$66 million gain on sale of equity investment, which is reflected in other fee revenue.

⁽³⁾ In 2024 and 2023, loss on the sale of investment securities of \$81 million and \$294 million, respectively, related to the repositioning of the investment portfolio, which is reflected in other income.

⁽⁴⁾ Acquisition and restructuring costs related to the BBH Investor Services acquisition transaction that State Street is no longer pursuing.

⁽⁵⁾ Deferred compensation expense acceleration of \$79 million in 2024 related to prior period incentive compensation awards to align State Street's deferred pay mix with peers.

⁽⁶⁾ Amount in 2024 includes a \$15 million release related to compensation and employee benefits, partially offset by \$13 million related to occupancy costs associated with real estate footprint and the amount in 2023 includes \$182 million of compensation and benefits expenses related to workforce rationalization, and \$21 million of occupancy charges related to real estate footprint optimization.

⁽⁷⁾ Amounts in 2024 and 2023 related to the FDIC special assessment and subsequent true-up reflected in other expenses.

⁽⁸⁾ The amount in 2024 includes a \$12 million charge reflected in other expenses, associated with operating model changes, and the amount in 2023 includes charges of \$41 million in information systems and communications and \$4 million, net, in other expenses, primarily associated with operating model changes.

⁽⁹⁾ Refer to Reconciliations of non-GAAP Financial Information pages in State Street's fourth-quarter 2024 and full-year 2024 financial information addendum for a reconciliation of net income available to common shareholders, excluding notable items.

⁽¹⁰⁾ Return on average tangible common equity, excluding notable items — non-GAAP is calculated by dividing annual net income available to common shareholders, excluding notable items for the relevant period by average tangible common equity.

WHO WE ARE

> **232** Years of experience

~ **53,000** Employees worldwide



Trust is ear

4th Largest asset manager globally²

1st Front-to-back investment platform³

100+ Markets where we do business

> 11% Of the world's assets entrusted to us¹



#1 ETF servicer⁴

3rd

¹ Represents State Street AUC/A divided by Global Financial Assets, including Global Equity, Global Debt Securities, and Global Broad Money (M3), as of December 31, 2023. Sources: SIFMA Markets Factbook, 2024; Organisation for Economic Co-operation and Development (OECD), World Bank. This represents State Street's assets under custody and administration AUC/A (\$46.6 trillion) as of December 31, 2024.

² Pensions & Investments Research Center as of December 31, 2023.

³ From a single provider.

⁴ State Street analysis of ETFGI Global Insights Report as of December 31, 2024.

Photos of Ron O'Hanley and Lori Heinel courtesy of Future Investment Initiative, 2024.

To my fellow shareholders

Amelia C. Fawcett

INDEPENDENT LEAD DIRECTOR



Trust forms the foundation of State Street's business model, driving every relationship we build — with clients, regulators, investors, and employees alike. My fellow board members and I recognize its importance and understand that without it, we cannot endure. The board is entrusted with the responsibility of overseeing State Street's long-term growth and resilience, underpinned by a disciplined governance framework. Importantly, we play a vital role in providing independent perspectives for the development and execution of our multi-year strategy, aligning it with our purpose and vision, and adapting it to the challenges and opportunities that affect our clients, and in turn, State Street.

Simply put, our job is to empower management to leverage every tool at their disposal, including innovative strategies, to drive our company forward. It is through effectively and continuously executing these responsibilities that we further strengthen the trust and confidence placed in us.

As I reflect on 2024, it stands out as a year of broad-based growth and momentum. Strategic execution and investment translated into measurable results — from delivering against our full year servicing sales goal, to continued solid momentum in front-office software and data, to Global Markets' notable revenue growth in foreign exchange trading services, to Global Advisors' management fees reaching an all-time high — it was a year full of accomplishments.

“Trust forms the foundation of State Street’s business model, driving every relationship we build — with clients, regulators, investors, and employees alike. My fellow board members and I recognize its importance and understand that without it, we cannot endure.”

While strategy aids in defining priorities, it is the power of execution that elevates, distinguishes, and delivers sustainable performance. Our clients rely on us as an essential partner to help them navigate complexity with expertise and precision so they can focus on what matters most — serving their clients. I am particularly pleased with the ongoing enhancements in service quality, continued progress in the transformation and simplification of our global operating model, and sustained focus on innovation. State Street’s legacy is rooted in a culture of firsts — pioneering transformational innovations that have reshaped our industry and set new standards over many decades — and we have no plans to relent.

This spirit of forward-thinking industry leadership prepares us for whatever the future may bring and also inspires us to define it.

Together, these efforts position State Street well for sustainable growth and long-term shareholder value creation.

On behalf of the entire board, I would like to thank Ron and the leadership team for their execution against our strategic priorities and for their wisdom in shaping a company that is agile yet grounded, innovative yet enduring, and united in our purpose: **to help create better outcomes for the world’s investors and the people they serve.**

I also extend my deep appreciation to my fellow board members — a remarkable group of insightful, accomplished, and collaborative leaders.

At the heart of our success are our employees, whose dedication, expertise, and unwavering commitment strengthen the trust our stakeholders place in us, and for that, I express my deepest admiration and thanks.

And of course, I am grateful to you, our shareholders, for your continued confidence and trust in State Street to deliver enduring value.

A handwritten signature in dark blue ink, appearing to read 'Amelia C. Fawcett', with a large, stylized flourish at the end.

Amelia C. Fawcett

INDEPENDENT LEAD DIRECTOR

essential partner to help
navigate complexity with
expertise and precision

“Our clients rely on us as an essential partner to help them navigate complexity with **expertise** and precision so they can focus on what matters most — serving their clients.”

precision so they can foc
most — serving their clie
Our clients rely on us as a

diligence / strength

precision / collabora

quality / stability / e

High Trust is essential

service / reliability /

confidence / commit

expertise / partnersh

/ growth / innovation

ation / excellence / fo

xpertise / dedication

to our success heart

transparency / integ

tment / accountability

hip

Business Review

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Achieving excellence: Innovation, market expansion, and improved performance

State Street's Investment Services business provides a full range of products and services across the front, middle, and back office for public and alternative assets, as well as multi-asset class investments.

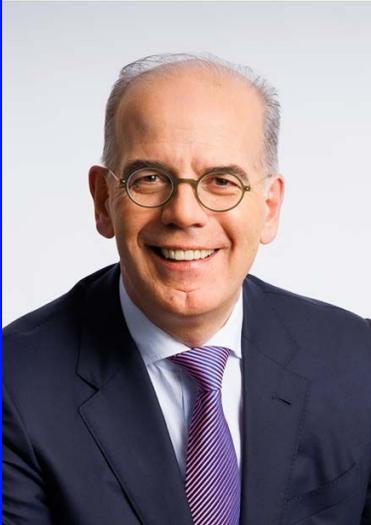
We are a leading partner to global investment and wealth managers, asset owners, central banks, and other official and public institutions. By providing critical infrastructure and expertise, we help clients streamline their operating models, harness data to make better-informed investment decisions, and capitalize on growth opportunities in evolving market environments.

Our ambition is clear and unrelenting: to deliver superior, differentiated experiences for our clients through every interaction, understand our clients' needs, reaffirm our commitment to them every day, and reinforce their trust in State Street as an essential and reliable partner.

Outstanding full-year results

The Investment Services business was integral to the firm's overall growth and success in 2024, with assets under custody and/or administration (AUC/A) reaching \$46.6 trillion at year-end, up 11 percent compared to 2023. In line with our strategy, we achieved robust fee revenue sales, largely driven by our core back-office business.

New AUC/A business wins totaled \$2.3 trillion, nearly half of which was propelled by our State Street Alpha® front-to-back platform. Software and processing fee revenue increased 9 percent, supported by growth in front-office software and data services associated with our Charles River Development company.



“Our impressive new business performance in 2024 underscores the strength of our strategic investments and relentless focus on enhancing **client service**. This momentum reflects our commitment to driving innovation and long-term growth across every facet of our business.”

Joerg Ambrosius

PRESIDENT OF INVESTMENT SERVICES

\$46.6T

AUC/A at year-end

\$2.3T

AUC/A total wins

Highlighting the success of our efforts to improve servicing capabilities and the client experience through our technology-led operating model, we achieved a substantial increase in client satisfaction across multiple facets of servicing, including service quality, technology, responsiveness, and communication.

Optimizing our capabilities and solutions for client success

We expanded our capabilities in high-demand segments and increased resiliency across our critical business functions — leveraging technology including artificial intelligence and automation to streamline delivery and further enhance client service.

Our comprehensive back-office solutions are a key driver of new business, accounting for nearly 85 percent of our servicing sales in 2024, and anchor our front-to-back value proposition. We invested in our back-office services during the year, specifically in support of our clients' growing investments in private markets and exchange-traded funds (ETFs).

Our private markets business represents significant long-term growth potential for the firm and contributed approximately 9 percent of full-year servicing fees in 2024. To capitalize on this opportunity, we refined our product and platform capabilities to better support clients' private market investments and position their portfolios for success.

35

Total Alpha clients

No. 1

ETF servicer

We have deep insights into fast-changing industry regulations and their impact on our clients' businesses. Ahead of the May 28, 2024 move to a T+1 settlement cycle, we successfully rolled out solutions to help clients manage associated challenges while continuing to deliver competitive services aligned to priority segments and markets.

Regulation also impacted digital asset developments in 2024. As the No. 1 servicer¹ of ETFs, we deepened our position in the digital asset ETF space (e.g., Bitcoin and Ethereum ETFs), where our service offerings include custody of cash, fund accounting, transfer agency, ETF basket services, and electronic order taking.

In addition, our partnership with Taurus, a global leader in digital asset infrastructure, elevates our capabilities as we seek to provide clients with best-in-class solutions in the emerging digital asset space.

Unleashing the transformative power of Alpha

State Street Alpha is a cornerstone of our business and growth strategy, helping clients more efficiently manage their end-to-end investment process. Through real-time access to Alpha's unified data and insights across the front, middle, and back office, and among asset classes, clients can make better-informed investment decisions. We achieved seven new mandates in 2024, bringing our total to 35 — 25 of which were live on our platform at year-end.

¹ State Street analysis of ETFGI Global Insights Report, December 31, 2024.



+9%

Software and processing fee revenue

Marking its fifth anniversary in 2024, the Alpha platform delivers comprehensive private and public market investment solutions globally, further strengthening its distinctive service offering — a key competitive differentiator for State Street.

Last year, we further invested in the platform, expanding Alpha’s public asset capabilities across cash, equities, fixed-income, and complex over-the-counter derivatives. We continue to augment the data tools and private market solutions delivered on the platform, with a focus on supporting clients’ expanding private market investment strategies and enabling adoption across our client base to fuel business growth.

Looking ahead

We are committed to being an essential partner in our clients’ success, with a clear focus on accelerating fee revenue growth. Leveraging our position as an industry leader, our priorities center on enhancing service quality, continuing to elevate client satisfaction, and advancing innovation through a tech-led strategy that strengthens operational efficiency, resilience, and sustainable long-term growth.

In 2025, we will continue to augment our offerings for private market assets and ETFs, providing comprehensive solutions that meet the evolving needs of our clients and enable them to capitalize on new opportunities.

Furthering our goal of expanding into profitable new segments, we will leverage the Charles River Wealth platform — along with our asset servicing leadership and State Street Global Advisors’ presence in the wealth services market — to offer tailored solutions for wealth managers.

Additionally, we will continue to advance our initiatives around data commercialization, increasing our capacity to empower clients with sophisticated insights and innovative solutions that address their most pressing challenges. This translates into new revenue streams, improved client retention, and a stronger competitive edge for our firm — critical drivers of long-term value creation.

By embracing innovation and deepening client partnerships, we remain poised to anticipate market shifts and achieve meaningful outcomes for our clients and shareholders while shaping the future of asset servicing.



Top Industry Awards

RECOGNIZING OUR CORE CAPABILITIES

Best Global Custodian in APAC

*Asia Asset Management's
Best of the Best Awards 2024*

Best Custodian in APAC (28 years)

*Asia Asset Management's
Best of the Best Awards 2024*

Best Middle- and Back-Office Services Provider in APAC

*Asia Asset Management's
Best of the Best Awards 2024*

Asset Servicing Deal of the Year (APAC)

*Global Custodian Leaders in
Custody Asia Awards 2024*

Best Global Custodian (International Clients) in APAC

*The Asset – AAA Sustainable
Investing Awards 2024*

Best Middle-Office Tech Provider in Canada

ETF Express Canadian Awards 2024

Best Administrator — Over \$30 Billion Single Manager

HFM Asia Services Awards 2024

Best ETF Back-Office Tech Provider

ETF Express U.S. Awards 2024

Best ETF Middle-Office Tech Provider

ETF Express U.S. Awards 2024

Best Overall ETF Administrator

ETF Express U.S. Awards 2024

Best ETF Administrator — Equity ETFs

ETF Express U.S. Awards 2024

Best ETF Administrator — Fixed Income ETFs

ETF Express U.S. Awards 2024

Maximizing value: Sustained growth, strategic execution, and market leadership

State Street Global Advisors, the corporation's investment management business, is a pioneer in indexing and quantitative investing, and the creator of the first U.S.-listed exchange-traded fund (ETF).

As the world's fourth largest investment manager,¹ we offer a broad range of investment solutions that span the entire risk-return spectrum and cover all major asset classes across geographies, investment styles, and vehicles.

Our primary objective is to be the leading partner and provider of innovative investment exposures and solutions to our clients.

Achieving strong growth and improved performance

Global Advisors achieved robust performance in 2024, including \$146 billion in net inflows. Total revenues climbed 13 percent year-over-year to an all-time high of \$2.3 billion. Assets under management (AUM) grew by 15 percent year-over-year to \$4.7 trillion.

Building on the prior year's success, the SPDR ETF business continued to reach new milestones—generating \$109 billion in flows and driving ETF AUM to \$1.6 trillion. Our flagship Gold ETF, which celebrated its 20th anniversary in 2024, gathered nearly \$2 billion in net new assets.

¹ Pensions & Investments Research Center, as of December 31, 2023.

We achieved significant growth in 2024, with year-end AUM increasing by 15 percent



“We achieved significant growth in 2024, with year-end AUM increasing by 15 percent to \$4.7 trillion. This included more than 3 percent organic growth for the second consecutive year, reflecting our continued **momentum** and deepening client relationships worldwide.”

Yie-Hsin Hung

CHIEF EXECUTIVE OFFICER, STATE STREET GLOBAL ADVISORS

reflecting our continued momentum and deepening client relationships worldwide

\$4.7T

Total AUM at year-end

\$13T

ETF trading volume

The Cash business delivered \$32 billion in flows, building on the prior year's record net inflows.

Index Fixed Income strategies saw net inflows of \$36 billion, while our U.S. retirement business continued its upward trajectory with \$28 billion in net new defined contribution asset flows, largely driven by target date funds. Our Institutional business in Europe, the Middle East, and Africa achieved record annual net inflows of \$66 billion.

Optimizing strategies for client success

As trusted partners to our clients, we leveraged our deep understanding of their needs and challenges to deliver innovative products and identify emerging opportunities for them — reinforcing our commitment to aiding their success in any economic environment.

While 2024 delivered strong equity performance with new highs and solid returns, clients remained focused on concentration risk, valuations, and inflation.

We saw strong demand for both index products and strategies that provided attractive risk/return profiles, such as our refined equity strategies. Overall, our active equity capabilities performed well, with 92 percent of our strategies outperforming their benchmarks on an AUM basis.

Fixed-income investors turned to our cash and short-duration products in search of stability and preservation of value amid inflationary pressures and interest rate uncertainty. Additionally, we saw rising demand for fixed-income indexing and systematic strategies, alongside growing interest in niche exposures such as emerging markets debt, private credit, and senior loans.

“We remain committed to partnering with our clients to provide them and the investors they serve with tailored solutions that help them achieve their unique goals and objectives.”

Lori Heinel

GLOBAL CHIEF INVESTMENT OFFICER
STATE STREET GLOBAL ADVISORS

Propelling growth through strategic partnerships and market expansion

Through strategic alliances, we delivered innovative investment solutions that generate substantial value and unlock new growth opportunities for clients globally.

Our partnership with Raiz bolstered digital and micro-investment offerings for Australian retail investors, while our work with Fideuram Asset Management introduced Europe’s first “ETF as a Service,” delivering tailored solutions for wealth managers.

We established a strategic relationship with Envestnet, a leading provider of integrated technology, data, and wealth solutions, to broaden our access to independent wealth advisory and high-net-worth distribution channels.

In addition, we deepened our engagement in the retirement and income solutions space through key partnerships. Our collaboration with PensionBee, a global leader in the consumer retirement market, increases access for millions of Americans by offering target date model portfolios built with our ETFs for individual retirement accounts. Further, our partnership with Micruity, a pioneer in retirement income technology solutions, improves defined contribution plan participant decision-making through comprehensive and customizable support for income modeling, education, and election tools.

In collaboration with Apollo Global Management, we launched a groundbreaking ETF offering designed to make investment-grade private credit investments available to everyday investors.

“Our goal is to empower investors at every level by making wealth-building more accessible, driving long-term value for our clients and shareholders.”

Anna Paglia

CHIEF BUSINESS OFFICER, STATE STREET GLOBAL ADVISORS

Additionally, our alliance with Bridgewater Associates further demonstrates our efforts to democratize access to institutional-caliber investment strategies, enabling all investors to build more diversified and resilient portfolios.

These partnerships exemplify our ability to integrate our expertise with that of other leading providers to quickly deploy differentiated solutions to meet investors’ evolving needs globally and at scale.

Innovating for growth in shifting markets

Amid changing market dynamics, individual investors continued to seek the right balance between investment outperformance and saving for retirement. In response, we expanded our product suite, focusing on key growth areas such as fixed income, global wealth, and ETFs.

Notable additions to our SPDR ETF portfolio include:

- **MyIncome:** Actively managed corporate and municipal target-maturity bond ETFs, enabling investors to build customized bond ladder portfolios tailored to their cash flow and liquidity needs
- **SSGA US Equity Premium Income (SPIN):** Actively managed ETF designed to generate augmented income through a dynamic call writing program
- **Bloomberg Enhanced Roll Yield Commodity Strategy No K-1 (CERY):** ETF tracking the total return performance of the Bloomberg Enhanced Roll Yield Total Return Index

To help investors capitalize on digital asset growth and diversification, we launched three SPDR actively managed technology-focused ETFs: Galaxy Digital Asset Ecosystem ETF (DECO), Galaxy Hedged Digital Asset Ecosystem ETF (HECO), and Galaxy Transformative Tech Accelerators ETF (TEKX).

13%

Revenue growth

\$2.3B

Net revenues

\$146B

Net inflows

In 2024, we demonstrated our ability to innovate at scale and remain agile in a dynamic market by launching more than 90 new products globally — surpassing the combined total of all new product launches over the prior three years. This achievement highlights our commitment to responding swiftly to emerging opportunities and evolving client needs, reinforcing our leadership in driving innovation within the asset management industry.

Empowering investors with proxy voting choice

With our commitment to enabling all investors to achieve their stewardship objectives, we have maintained industry leadership in providing an Investor Voting Choice option across more than 80 percent of eligible equity index assets. That means that individual investors, even in our ETFs, have the opportunity to choose their specific proxy voting policy from a broad range of options.

Looking ahead

Building on our record performance, we are steadfast in driving strategic growth and delivering innovative solutions that create value for our clients. In 2025, we will expand our presence in high-priority segments, including private markets, fixed income, ETFs and wealth, while targeting fast-growing markets in Asia Pacific and the Middle East. Additionally, we will continue apace with new products. We will focus on expanding our distribution relationships around the world to broaden our engagement with a wider range of investors.

We will continue to take a multi-asset-class approach in delivering custom and tailored portfolio solutions, integrating alternative asset classes into more of our offerings to help drive success for our clients and shareholders.

Guided by our vision to be the world's leading partner and provider of investment exposures and tailored solutions, we remain committed to providing our clients with thoughtful insights, relevant investment ideas, and stability in an ever-evolving market landscape.

Driving strategic impact: Partnership, innovation, and expertise

With the goal of enhancing and preserving the value of client portfolios, Global Markets delivers foreign exchange (FX) trading, securities finance solutions, agency execution services, and cutting-edge trading platforms across client types, including asset managers, asset owners, alternatives asset managers, and corporates. These solutions are supported by our extensive proprietary research and insights.

In 2024, we helped clients achieve their investment goals by providing a comprehensive suite of products and solutions spanning liquidity, financing, and research. At the same time, we prioritized generating value for the firm, aligning client outcomes with strategic priorities.

Our efforts resulted in an 11 percent increase in FX trading services revenue, and contributed to a second consecutive year of record net interest income. These gains were driven by strong trading volume and disciplined execution focused on delivering long-term growth for clients.

Advancing innovation to support client success

Throughout the year, volatility, regulatory changes, and geopolitical uncertainty shaped global capital markets, challenging investors to adopt shorter settlement cycles, adapt to market complexities, and manage risk effectively. We provided investors with much-needed liquidity, financing, and research through a diverse range of solutions, including electronic trading platforms and liquidity trading tools.

We equip investors to act with precision and with confidence. Through dif



“We equip investors to act with precision and **confidence**. Through differentiated strategies and actionable insights — powered by State Street Associates’ proprietary research — we provide clients with an information edge to navigate and stay ahead of shifting market dynamics.”

Anthony Bisegna

HEAD OF GLOBAL MARKETS

insights — powered by State Street Associates’ p
research — we provide c

+11%

FX trading services revenue

By investing in transformative technologies and tailored solutions, we helped clients improve their investment outcomes and achieve sustainable growth.

In 2024, we continued to strategically refine and expand our product capabilities and geographical reach to drive growth and better outcomes for our clients. We delivered partnered trading solutions across multiple asset classes and strategies, helping our clients navigate regulatory challenges, such as the transition to T+1 settlement cycles.

To address the growing complexity faced by buy-side trading desks, we have expanded our algo and electronic trading solutions across global markets.

Additionally, we developed high-performing algorithm monitoring capabilities and refined our venue/order routing logic to support more accurate analysis.

Amid rising demand for greater efficiency and accuracy in an ever-evolving financial landscape, we executed several strategic initiatives, including:

- **StreetFXSM and Indirect FX:** Service options that address the risks and challenges of the T+1 settlement cycle, reducing operational bottlenecks and enhancing trade execution speed
- **BestXecutorSM:** A first-of-its-kind decision augmentation tool that improves trading precision and reduces execution costs across client portfolios

- **LINK™:** A new smart desktop platform that brings together State Street Global Markets' suite of trading, analytics, and research solutions into a single, seamless digital environment
- **FX Portfolio Algo:** A workflow solution that allows traders to optimize a large number of trades simultaneously

Expanding global reach and strengthening market leadership

In 2024, we reinforced our support for European investors by increasing access to our innovative strategies, including FX, secured fund financing, sponsored member repo, and partnered trading, aligning with market trends and evolving investment priorities.

In Asia Pacific, we became the first registered foreign institution to participate in the onshore inter-bank FX market in Korea and expanded our capabilities to access the Korean FX market offshore.

We augmented our award-winning suite of electronic trading platforms, GlobalLINK, improving transparency and efficiency for clients worldwide. For instance, during the year, GlobalLINK's Fund Connect ETF portal supported several new ETF launches, including the debut of the first U.S.-listed Bitcoin ETFs.

Informing smarter decisions through fact-based research

State Street Associates brings together leading academics with deep industry expertise to deliver unique insights and advanced research tools that help clients navigate market complexities and make better decisions. In 2024, this hub for quantitative research continued to add value for clients by providing them differentiated analysis and data, together with proprietary market indicators, which empower them to meet their investment goals.

To help investors navigate an increasingly complex global landscape, we announced a new academic partnership with Daniel Drezner, professor of International Politics at The Fletcher School of Law and Diplomacy at Tufts University, bringing fresh perspectives on geopolitical risk. He joins a team of renowned academics with specialized expertise in asset allocation, risk management, portfolio construction, private markets, sustainable investing, investor behavior, distributed ledger technology, media sentiment, inflation, and economics.

Underscoring the depth and relevance of our research, our academic partners and internal subject-matter experts provided clients with topical insights on market and investment trends at our 2024 Research Retreat, held annually in key global financial hubs.

In addition to expanding our research collaborations, we enhanced our suite of capabilities that aid investors in managing risk and capturing opportunities.

No. 1

FX Trading Technology Solution
Euromoney 2024 FX Awards

In 2024, we launched multiple key market indicator tools to improve decision-making and accuracy, including:

- **Relevance-Based Prediction API:**
The first in a suite of application programming interface (API) engines that allows clients to apply our proprietary relevance-based prediction analytics to their own data, research, and workflows
- **Machine Learning Stock Selection Model:**
A powerful model that blends data and metrics with macro intelligence designed to predict sector-relative performance of U.S. large-cap stocks
- **Stock Explorer:** A stock screening tool to analyze and predict sector-specific relationships between drivers and returns in U.S. large-cap equities

These innovations reflect our commitment to acting as a trusted partner to institutional investors, helping them leverage advanced tools and proprietary data to achieve superior investment outcomes.

Looking ahead

In 2025, Global Markets will aim to capture greater market share by investing in our core offerings and expanding our reach across new products, markets, and client segments.

As part of our growth strategy, our efforts are centered on deepening market engagement and driving further product innovation. Through these efforts, we will broaden our presence in key regions, including the Middle East, Continental Europe, Asia Pacific, and Latin America.

As a trusted partner to investors, we will continue to optimize our platform with next-generation tools and services, fostering deeper client relationships and equipping clients with an information edge.



Top Industry Awards

FX SALES AND TRADING

Best FX Bank for Client Service

Euromoney FX 2024 Awards

Best Technology Provider for FX Data Management

Euromoney FX 2024 Awards

Northbound Top FX Settlement Bank for the 5th consecutive year

Bond Connect Awards 2024

Currency Manager of the Year

European Pensions Awards 2024

GLOBALLINK™

Best FX Trading Technology Solution

Euromoney FX 2024 Awards

NOVA Award for Innovation Across Financial Markets for the 2nd consecutive year

TabbFORUM Awards 2024

Best Execution Product of the Year (BestX®)

Risk Markets Technology Awards 2024

Best Bank of Post-Trade Services (TradeNeXusSM and StreetFXSM)

FX Markets Asia Awards 2024

Editor's Choice Awards for ETF Initiative of the Year (Fund Connect®)

Global Custodian Annual Leaders Awards 2024

GLOBAL MARKETS RESEARCH

Best FX Bank for Research

Euromoney FX 2024 Awards

Harry Markowitz Award (The Determinants of Inflation)

Journal of Investment Management, awarded 2024

FINANCING SOLUTIONS

Best in Securities Lending for the 10th consecutive year

The Asset's Triple A Sustainable Investing Awards 2024

Ranked No. 1 Counterparty on Drawn Balances with Closed-End Funds, as of first half of 2024

Fitch Ratings

Asian Lender of the Year

Securities Finance Times Industry Excellence Awards 2024

Operations Team of the Year

Securities Finance Times Industry Excellence Awards 2024

Best Securities Financing House for the 2nd consecutive year, winner, 15 of the last 19 years

Asia Asset Management 2024 Best of the Best Awards

Advancing our technology-driven transformation

Building trust on a centuries-strong foundation

Technology is central to our enterprise, enabling execution at scale while fostering resilience, efficiency, and innovation. Responsible for more than 11 percent of the world's financial assets, State Street serves a vital role in the global financial system.¹ Our ability to earn and sustain trust — through secure, seamless, and efficient service delivery — relies on the strength of our technology and operations infrastructure.

Transforming our operating model

As we continue to modernize our operations, we remain committed to building the industry's most sophisticated, intelligent, and integrated technology platform to support evolving client needs.

In 2024, we accelerated our transition to a platform-based operating model, centralizing and standardizing key functions to enhance efficiency and interoperability across our business. These efforts streamline workflows and reinforce our ability to deliver scalable, high-impact solutions.

Enabling client-centric innovation

Our client-focused, technology-driven architecture accelerates product innovation, reduces time to market, and enables rapid expansion at scale. These developments increase our capacity to solve our clients' most pressing challenges.



“At State Street, our transformation journey extends beyond creating efficiencies. We are reshaping our operating model to enhance our **competitive edge** — for our clients and our firm — while delivering exceptional value and fostering innovation.”

Mostapha Tahiri

CHIEF OPERATING OFFICER

Strengthening resilience and risk management

The financial landscape is increasingly complex, requiring heightened security and regulatory discipline. In 2024, we advanced our cybersecurity frameworks, governance controls, and risk remediation measures to optimize operational integrity and protect against emerging threats. By embedding cutting-edge risk oversight mechanisms, we design our global platform to uphold high standards of readiness and business continuity aligned with client and regulator expectations.

A trusted partner for the future

For nearly 233 years, State Street has been an essential partner, providing stability and innovation in an evolving financial landscape. Our integrated technology and operations framework empowers clients with the service, tools, and confidence to navigate change, adapt with agility, and seize new growth opportunities.

Our technology transformation continues to drive efficiency, resilience, innovation, and operational excellence — creating long-term value for our clients and shareholders.

¹ Represents State Street AUC/A divided by Global Financial Assets, including Global Equity, Global Debt Securities, and Global Broad Money (M3), as of December 31, 2023. Sources: SIFMA Markets Factbook, 2024; Organisation for Economic Co-operation and Development (OECD), World Bank. This represents State Street’s assets under custody and administration AUC/A (\$46.6 trillion) as of December 31, 2024.

Trust is our

greatest asset

Financial Review

Form 10-K

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 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, 2024

OR

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

**For the transition period from _____ to _____
Commission File No. 001-07511**

STATE STREET CORPORATION

(Exact name of Registrant as Specified in its Charter)

MA
(State or other jurisdiction of incorporation)
One Congress Street
Boston, MA
(Address of principal executive offices)

04-2456637
(I.R.S. Employer Identification No.)
02114
(Zip Code)

(617) 786-3000
(Registrant's telephone number, including area code)

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

Title of Each Class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$1 par value per share	STT	New York Stock Exchange
Depository Shares, each representing a 1/4,000th ownership interest in a share of Fixed-to-Floating Rate Non-Cumulative Perpetual Preferred Stock, Series G, without par value per share	STT.PRG	New York Stock Exchange

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

None

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

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

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

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

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

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

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

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report.

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

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

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

The aggregate market value of the voting and non-voting common equity held by non-affiliates computed by reference to the per share price (\$74.00) at which the common equity was last sold as of the last business day of the registrant's most recently completed second fiscal quarter (June 28, 2024) was approximately \$22.09 billion.

The number of shares of the registrant's common stock outstanding as of January 31, 2025 was 288,469,096.

Portions of the following documents are incorporated by reference into Parts of this Report on Form 10-K, to the extent noted in such Parts, as indicated below:

(1) The registrant's definitive Proxy Statement for the 2025 Annual Meeting of Shareholders to be filed pursuant to Regulation 14A on or before April 30, 2025 (Part III).

STATE STREET CORPORATION
ANNUAL REPORT ON FORM 10-K FOR THE YEAR ENDED
December 31, 2024

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Forward-Looking Statements

This Form 10-K, as well as other reports and proxy materials submitted by us under the Securities Exchange Act of 1934, registration statements filed by us under the Securities Act of 1933, our annual report to shareholders and other public statements we may make, may contain statements (including statements in our Management's Discussion and Analysis included in such reports, as applicable) that are considered "forward-looking statements" within the meaning of U.S. securities laws, including statements about our goals and expectations regarding our business, financial and capital condition, results of operations, strategies, cost savings and transformation initiatives, investment portfolio performance, dividend and stock purchase programs, acquisitions, outcomes of legal proceedings, market growth, joint ventures and divestitures, client growth, new technologies, services and opportunities, sustainability and impact, human capital and climate, as well as industry, governmental, regulatory, economic and market trends, initiatives and developments, the business environment and other matters that do not relate strictly to historical facts.

Terminology such as "expect," "outlook," "will," "goal," "target," "strategy" "may," "estimate," "plan," "intend," "objective," "forecast," "believe," "priority," "anticipate," "seek," and "trend," or similar statements or variations of such terms, are intended to identify forward-looking statements, although not all forward-looking statements contain such terms.

Forward-looking statements are subject to various risks and uncertainties, which change over time, are based on management's expectations and assumptions at the time the statements are made and are not guarantees of future results. Management's expectations and assumptions, and the continued validity of the forward-looking statements, are subject to change due to a broad range of factors affecting the U.S. and global economies, regulatory environment and the equity, debt, currency and other financial markets, as well as factors specific to State Street and its subsidiaries, including State Street Bank. Factors that could cause changes in the expectations or assumptions on which forward-looking statements are based cannot be foreseen with certainty and include the factors described under the headings "Risk Factors Summary" and "Risk Factors" and elsewhere in this Form 10-K, including under "Management's Discussion and Analysis."

Actual outcomes and results may differ materially from what is expressed in our forward-looking statements and from our historical financial results due to the factors discussed in this section and elsewhere in this Form 10-K or disclosed in our other SEC filings. Forward-looking statements in this Form 10-K should not be relied on as representing our expectations or assumptions as of any time

subsequent to the time this Form 10-K is filed with the SEC. We undertake no obligation to revise our forward-looking statements after the time they are made. The factors discussed herein are not intended to be a complete statement of all risks and uncertainties that may affect our businesses. We cannot anticipate all developments that may adversely affect our business or operations or our consolidated results of operations, financial condition or cash flows.

Forward-looking statements should not be viewed as predictions and should not be the primary basis on which investors evaluate State Street. Any investor in State Street should consider all risks and uncertainties disclosed in our SEC filings, including our filings under the Securities Exchange Act of 1934, in particular our annual reports on Form 10-K, our quarterly reports on Form 10-Q and our current reports on Form 8-K, or registration statements filed under the Securities Act of 1933, all of which are accessible on the SEC's website at www.sec.gov or on the "Filings & reports" tab of our website at investors.statestreet.com.

Risk Factors Summary

The following is a summary of material risks we are exposed to in the course of our business activities and which could have an adverse effect on our business or consolidated results of operations or financial condition. It does not contain all of the information that may be important to you and should be read together with the more detailed discussion of risks under the heading "Risk Factors," as well as elsewhere in this Form 10-K under the heading "Management's Discussion and Analysis."

Strategic Risks

- We are subject to intense competition, which could negatively affect our profitability;
- We are subject to significant pricing pressure and variability in our financial results and our AUC/A and AUM;
- Our development and completion of new products and services, including State Street Alpha[®] and those related to wealth servicing, alternative investment management or digital assets or incorporating artificial intelligence, may impose costs on us, involve dependencies on third parties and may expose us to increased risks;
- Acquisitions, strategic alliances, joint ventures and divestitures, and the integration, retention and development of the benefits of these transactions, pose risks for our business; and

- Competition for qualified members of our workforce is intense, and we may not be able to attract and retain the highly skilled people we need to support our business.

Financial Market Risks

- We could be adversely affected by political, geopolitical, economic and market conditions including, for example, as a result of liquidity or capital deficiencies (actual or perceived) by other financial institutions and related market and government actions, the ongoing conflicts in Ukraine and in the Middle East, major political shifts domestically or internationally, actions taken by central banks to address inflationary and growth pressures, changes in monetary policy or periods of significant volatility in the markets for equity, fixed income and other assets classes globally or within specific markets;
- We have significant global operations, and clients, that can be adversely impacted by disruptions in key economies, including local, regional and geopolitical developments affecting those economies;
- Our investment securities portfolio, consolidated financial condition and consolidated results of operations could be adversely affected by changes in the financial markets, governmental action or monetary policy. For example, among other risks, changes in prevailing interest rates or market conditions have led, and were they to occur in the future could further lead, to decreases in our NII or to portfolio management decisions resulting in reductions in our capital or liquidity ratios;
- Our business activities expose us to interest rate risk;
- We assume significant credit risk of counterparties, who may also have substantial financial dependencies on other financial institutions, and these credit exposures and concentrations could expose us to financial loss;
- Our fee revenue represents a significant portion of our revenue and is subject to decline based on, among other factors, market and currency declines, investment activities and preferences of our clients and their business mix;
- If we are unable to effectively manage our capital and liquidity, our financial condition, capital ratios, results of operations and business prospects could be adversely affected;

- Our calculations of risk exposures, total RWA and capital ratios depend on data inputs, formulae, models, correlations and assumptions that are subject to change, which could materially impact our risk exposures, our total RWA and our capital ratios from period to period;
- We may need to raise additional capital or debt in the future, which may not be available to us or may only be available on unfavorable terms; and
- If we experience a downgrade in our credit ratings, or an actual or perceived reduction in our financial strength, our borrowing and capital costs, liquidity and reputation could be adversely affected.

Compliance and Regulatory Risks

- Our business and capital-related activities, including common share repurchases, may be adversely affected by regulatory requirements and considerations, including capital, credit and liquidity;
- We face extensive and changing government regulation and supervision in the U.S. and non-U.S. jurisdictions in which we operate, which may increase our costs and compliance risks and may affect our business activities and strategies;
- Our businesses may be adversely affected by government enforcement and litigation;
- Our businesses may be adversely affected by increased and conflicting political and regulatory scrutiny of asset management, stewardship and corporate sustainability or ESG practices;
- Any misappropriation of the confidential information we possess could have an adverse impact on our business and could subject us to regulatory actions, litigation and other adverse effects;
- Changes in accounting standards may adversely affect our consolidated results of operations and financial condition;
- Changes in tax laws, rules or regulations, challenges to our tax positions and changes in the composition of our pre-tax earnings may increase our effective tax rate;
- We could face liabilities for withholding and other non-income taxes, including in connection with our services to clients, as a result of tax authority examinations; and
- Our businesses may be negatively affected by adverse publicity or other reputational harm.

Operational, Cyber and Technology Risks

- Attacks or unauthorized access to our or our business partners' or clients' information technology systems or facilities, such as cyber-attacks or other disruptions to our or their operations, could result in significant costs, reputational damage and impacts on our business activities;
- Our business may be negatively affected by risks associated with strategic initiatives we are employing to enhance the effectiveness and efficiency of our operations and of our cybersecurity and technology infrastructure;
- Our risk management framework, models and processes may not be effective in identifying or mitigating risk and reducing the potential for related losses, and a failure or circumvention of our controls and procedures, or errors or delays in our operational and transaction processing, or those of third parties, could have an adverse effect on our business, financial condition, operating results and reputation;
- Shifting and maintaining operational activities to non-U.S. jurisdictions, changing our operating model, and outsourcing to, or insourcing from, third parties expose us to increased operational risk, geopolitical risk and reputational harm and may not result in expected cost savings or operational improvements;
- Long-term contracts and customizing service delivery for clients expose us to increased operational risk, pricing and performance risk;
- The quantitative models we use to manage our business may contain errors that could adversely impact our business, financial condition, operating results and regulatory compliance, and lapses in disclosure controls and procedures or internal control over financial reporting could occur, any of which could result in material harm;
- We may not be able to protect our intellectual property, and we are subject to claims of third party intellectual property rights;
- Our reputation and business prospects may be damaged if investors in the collective investment pools we sponsor or manage incur substantial losses in these investment pools or are restricted in redeeming their interests in these investment pools;
- The impacts of global regulatory requirements and expectations, shifting client preferences, and disclosure requirements related to climate risks, and sustainability standards could adversely affect us; and

- We may incur losses or face negative impacts on our business as a result of unforeseen events, including terrorist attacks, geopolitical events, acute or chronic physical risk events, including natural disasters, pandemics, global conflicts, or a banking crisis, which may have a negative impact on our business and operations.

PART I

ITEM 1. BUSINESS

OVERVIEW

State Street Corporation is one of the world's leading providers of financial services to institutional investors, including investment services, markets and financing solutions and investment management. Our clients - asset managers and owners, insurance companies, wealth managers, official institutions and central banks - rely on us to deliver solutions that support their business objectives across the investment life cycle. Leveraging our strength and scale, innovation and platforms, and industry expertise, we are an essential partner to our clients. In all aspects of our business, we work toward a singular purpose: to help create better outcomes for the world's investors and the people they serve.

Through our subsidiaries, including our principal banking subsidiary, State Street Bank and Trust Company, referred to as State Street Bank, we operate in more than 100 geographic markets worldwide, including the United States, Canada, Latin America, Europe, the Middle East and Asia. We provide a broad range of financial products and services to institutional investors globally, with \$46.56 trillion of AUC/A and \$4.72 trillion of AUM as of December 31, 2024.

We had consolidated total assets of \$353.24 billion, consolidated total deposits of \$261.92 billion, consolidated total shareholders' equity of \$25.33 billion and approximately 53,000 employees as of December 31, 2024.

State Street Corporation, referred to as the Parent Company, was organized in 1969 under the laws of the Commonwealth of Massachusetts, and is a bank holding company that has elected to be treated as a financial holding company under the Bank Holding Company Act of 1956. The Parent Company is a source of financial and managerial strength to our subsidiaries. We conduct our business primarily through State Street Bank, which traces its beginnings to 1792, with the founding of our oldest ancestor bank, Union Bank. State Street Bank's current charter was authorized by a special Act of the Massachusetts Legislature in 1891, and its present name was adopted in 1960. State Street Bank operates as a specialized bank, referred to as a trust

or custody bank, that services and manages assets on behalf of its institutional clients.

Our corporate headquarters is located at One Congress Street, Boston, Massachusetts 02114 (telephone (617) 786-3000). For purposes of this Form 10-K, unless the context requires otherwise, references to “State Street,” “we,” “us,” “our” or similar terms mean State Street Corporation and its subsidiaries on a consolidated basis.

ADDITIONAL INFORMATION

On the “Filings & reports” tab of our website at *investors.statestreet.com*, we make available, free of charge, all reports we electronically file with, or furnish to, the SEC including our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K, as well as any amendments to those reports, as soon as reasonably practicable after those documents have been filed with, or furnished to, the SEC. These documents are also accessible on the SEC’s website at *www.sec.gov*. We have included the website addresses of State Street (including references to *investors.statestreet.com*) and the SEC in this report as inactive textual references only. Information on those websites (or any other) is not incorporated by reference in this Form 10-K.

We have Corporate Governance Guidelines, as well as written charters for the Examining and Audit Committee, the Executive Committee, the Human Resources Committee, the Nominating and Corporate Governance Committee, the Risk Committee and the Technology and Operations Committee of our Board of Directors, or Board, and a Code of Ethics for Senior Financial Officers, a Standard of Conduct for Directors and a Standard of Conduct for our employees. Each of these documents is accessible on the “Corporate governance” tab of our website at *investors.statestreet.com*.

We provide additional disclosures required by applicable bank regulatory standards, including supplemental qualitative and quantitative information with respect to regulatory capital (including market risk associated with our trading activities), the LCR and the NSFR, summary results of annual State Street-run stress tests that we conduct under the Dodd-Frank Act, and resolution plan disclosures required under the Dodd-Frank Act. These additional disclosures are accessible on the “Filings & reports” tab of our website at *investors.statestreet.com*.

We use acronyms and other defined terms for certain business terms and abbreviations, as defined on the acronyms list and glossary under Item 8 in this Form 10-K.

LINES OF BUSINESS

Our operations are organized into two lines of business: Investment Servicing and Investment

Management, which are defined based on products and services provided.

Investment Servicing

Our Investment Servicing line of business provides a broad range of services and market and financing solutions to institutional clients, including mutual funds, collective investment funds and other investment pools, corporate and public retirement plans, insurance companies, investment managers, foundations and endowments worldwide.

Through State Street Investment Services, State Street Global Markets[®] and State Street Alpha[®], we offer a full range of back- and middle-office solutions, including custody, accounting and fund administration services for traditional and alternative assets, as well as multi-asset class investments; recordkeeping, client reporting and investment book of record, transaction management, loans, cash, derivatives and collateral services; investor services operations outsourcing; performance, risk and compliance analytics; financial data management to support institutional investors; foreign exchange, brokerage and other trading services; securities finance, including prime services products; and deposit and short-term investment facilities.

Together with our middle- and back-office services, CRD’s front- and middle-office technology offerings form the foundation of State Street Alpha[®]. Our State Street Alpha platform combines portfolio management, trading and execution, analytics and compliance tools, and advanced data aggregation and integration with other industry platforms and providers. Included in CRD’s technology offerings are Charles River Investment Management Solution, a front-office technology offering that automates and simplifies the institutional investment process across asset classes, from portfolio management and risk analytics through trading and post-trade settlement, with integrated compliance and managed data throughout; Charles River for Private Markets, an investment management solution for institutions investing in Private Credit, Private Equity, Real Estate, Infrastructure, and Funds; and Charles River Wealth Management Solution, which provides portfolio management, trading compliance and manager/sponsor communication capabilities to wealth managers, private banks and financial advisors.

As the digital asset space continues to mature, we are building solutions to service, tokenize and safekeep digital assets. Our vision is to enable core digital asset infrastructure as a trusted provider of end-to-end solutions on a secure, interoperable blockchain.

We provide some or all of our Investment Servicing products and services to clients in the United States and in many other markets, including,

among others, Australia, Canada, China, Cayman Islands, France, Germany, Ireland, Italy, Japan, Luxembourg, South Korea and the United Kingdom. As of December 31, 2024, we serviced AUC/A of approximately \$46.56 trillion, comprising approximately \$33.29 trillion in the Americas, approximately \$10.18 trillion in Europe and the Middle East and approximately \$3.09 trillion in the Asia-Pacific region.

Investment Management

Our Investment Management line of business provides a comprehensive range of investment management solutions and products for our clients through State Street Global Advisors. Our investment management solutions include strategies across equity, fixed income, cash, multi-asset and alternatives; products such as SPDR[®] ETFs and index funds; and services including defined benefit, defined contribution, and Outsourced Chief Investment Officer. As of December 31, 2024, State Street Global Advisors had approximately \$4.72 trillion in AUM.

Additional information about our lines of business is provided under “Line of Business Information” included in our Management’s Discussion and Analysis, and in Note 24 to the consolidated financial statements in this Form 10-K. Additional information about our non-U.S. activities is included in Note 26 to the consolidated financial statements in this Form 10-K.

COMPETITION

We operate in a highly competitive environment in all areas of our business globally. Our competitors include a broad range of financial institutions and servicing companies, including other custodial banks, deposit-taking institutions, investment management firms, insurance companies, mutual funds, broker/dealers, investment banks, benefits consultants, investment analytics businesses, business service and software companies, technology companies, data providers and information services firms. As our businesses grow and markets evolve, we may encounter increasing and new forms of competition around the world.

We believe that many key factors drive competition in the markets for our business. Technological expertise, economies of scale, required levels of capital, pricing, quality and scope of services, and sales and marketing are critical to our Investment Servicing line of business. For our Investment Management line of business, key competitive factors include expertise, experience, availability of related service offerings, quality of service, price, efficiency of our products and services, and performance.

Our success and competitive position may depend on our ability to develop and market new and

innovative services, to adopt or develop new technologies, including those incorporating artificial intelligence, to implement efficiencies into our operational processes, to bring new services to market in a timely fashion at competitive prices, to integrate existing and future products and services effectively into State Street Alpha and State Street Digital, to continue to expand our relationships with existing clients and to attract new clients, to maintain and enhance our reputation, to manage risk and to effectively and efficiently operate in a highly regulated environment.

As a G-SIB, we are subject to extensive regulation and supervision with respect to our operations and activities. Not all of our competitors have similarly been designated as systemically important nor are all of them subject to the same degree of regulation as a bank or financial holding company; therefore some of our competitors may not be subject to the same limitations, requirements and standards with respect to their operations and activities. Most other financial institutions designated as systemically important have substantially greater financial resources and a broader base of operations than we do and are, consequently, in a better competitive position to manage and bear the costs of this enhanced regulatory requirement. See “Supervision and Regulation” in this Item for more information.

HUMAN CAPITAL

Our human capital strategy is a meaningful driver of our overall enterprise strategy and our long-term performance. Our employees drive the company’s value proposition, innovate better ways to serve our clients and act as custodians of our reputation. We seek to empower our employees by providing development and learning opportunities to help each person reach their full potential. The Board of Directors’ Human Resources Committee oversees our human capital management strategy and receives regular updates on matters such as engagement, culture, talent management, retention and productivity.

We aim to promote strong levels of employee commitment and connection to the company by providing an environment that supports our diverse employee population in amplifying behaviors that drive our business strategy. We believe that an inclusive culture where employees feel valued, engaged and empowered makes State Street a more desirable place to work, helps us attract and retain employees as they grow in their careers, and fosters an environment that enhances each individual’s sense of belonging, productivity and professional satisfaction. The integrity and ethical decision-making of our employees is paramount for our culture. We want our employees to know their opinions matter and are respected, to feel comfortable asking

questions and raising concerns, and to have no fear of retaliation.

Our talent management efforts are focused on recruiting, developing and retaining top talent and industry leaders in markets that align with current and future demands and the evolution of our business. Our objective is to seek a wide pool of talent globally, so we are well positioned to be an essential partner to our clients. To support the retention and ongoing development of our employees, we offer competitive compensation and benefits, a wide range of learning and development offerings, and strong support by involved and well-trained leaders. We carefully monitor our hiring, promotion and turnover rates and implement programs to help retain, develop and enhance the skills of our employees, including through a focus on internal mobility.

Our approach is centered on skills that are aligned with our corporate strategy and designed to address the rapidly changing, technology-centric demands of the financial services industry. We also regularly monitor our compensation program to maintain competitiveness and to reward high performance.

Driving improvements in both individual and organizational productivity is a key enabler of our overall human capital management strategy, and we are focused on strategic workforce planning, building upon current headcount budgeting and forecasting activities. Our productivity efforts aim to promote the optimal effectiveness and efficiency of our human capital through clear alignment between our business strategy and our organizational structure, geographic footprint, performance management, people development and reward systems. We focus on cultivating a high performing workforce that drives innovation and profitable growth, is responsive to changing client and business needs and is structured and resourced to deliver desired outcomes.

Our employee population at December 31, 2024 increased approximately 13% to approximately 53,000 employees, compared to December 31, 2023, primarily reflecting the consolidation of an operations joint venture in India in the second quarter of 2024. Approximately 77% of our employees are located outside the United States.

SUPERVISION AND REGULATION

We are registered with the Federal Reserve as a bank holding company pursuant to the Bank Holding Company Act of 1956. The Bank Holding Company Act generally limits the activities in which bank holding companies and their non-banking subsidiaries may engage to managing or controlling banks and to a range of activities that are considered to be closely related to banking. Bank holding companies that have elected to be treated as financial holding companies, such as the Parent Company, may engage in a broader range of activities considered to be “financial in nature.” The regulatory limits on our activities also

apply to non-banking entities that we are deemed to “control” for purposes of the Bank Holding Company Act, which may include companies of which we own or control 5% or more of a class of voting shares. The Federal Reserve may order a bank holding company to terminate any activity, or its ownership or control of a non-banking subsidiary, if the Federal Reserve finds that the activity, ownership or control constitutes a serious risk to the financial safety, soundness or stability of a banking subsidiary or is inconsistent with sound banking principles or statutory purposes. The Bank Holding Company Act also requires a bank holding company to obtain prior approval of the Federal Reserve before it acquires substantially all the assets of any bank, or ownership or control of more than 5% of the voting shares of any bank.

The Parent Company has elected to be treated as a financial holding company and, as such, may engage in a broader range of non-banking activities than permitted for bank holding companies that have not elected to become financial holding companies and their subsidiaries. Financial holding companies may engage directly or indirectly, either de novo or by acquisition, in activities that are defined by the Federal Reserve to be financial in nature, provided that the financial holding company gives the Federal Reserve after-the-fact notice of the new activities. Activities defined to be financial in nature include, but are not limited to: providing financial or investment advice; dealing in or making markets in securities; making merchant banking investments, subject to significant limitations; underwriting; and any activities previously found by the Federal Reserve to be closely related to banking. In order to maintain our status as a financial holding company, we and each of our U.S. depository institution subsidiaries are expected to be well capitalized and well managed, as defined in applicable regulations and determined in part by the results of regulatory examinations, and must comply with Community Reinvestment Act obligations. Failure to maintain these standards may result in restrictions on our activities and may ultimately permit the Federal Reserve to take enforcement actions against us and restrict our ability to engage in activities defined to be financial in nature.

The scope of the laws and regulations and the intensity of the supervision to which our business is subject has increased since the 2008 financial crisis. Regulatory enforcement and fines have also increased across the banking and financial services sector. Many of these changes have occurred as a result of the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 and its implementing regulations, most of which are now in place, and subsequently the enhancement of the Economic Growth, Regulatory Relief, and Consumer Protection Act. Developments at the federal banking agencies that regulate banking organizations,

including the Federal Reserve, the FDIC and the OCC (U.S. Agencies), or in the financial system more generally, may result in increased prudential and conduct oversight, more extensive regulatory requirements, changing interpretations of existing rules and guidelines, and potentially more stringent enforcement and more severe penalties. Irrespective of any specific regulatory change, we expect that our business will remain subject to extensive regulation and supervision.

Many aspects of our business are subject to regulation by other U.S. federal and state governmental and regulatory agencies and self-regulatory organizations (including securities exchanges), and by non-U.S. governmental and regulatory agencies and self-regulatory organizations. Some aspects of our public disclosure, corporate governance principles and internal control systems are subject to the Sarbanes-Oxley Act of 2002 (SOX), the Dodd-Frank Act and regulations and rules of the SEC and the New York Stock Exchange.

Regulatory Capital Adequacy and Liquidity Standards

Basel III Rule

We are subject to the Basel III framework (Basel III rule) in the United States. The provisions of the Basel III rule related to minimum capital requirements, capital buffers and methodologies for calculating regulatory capital were fully implemented as of 2019. We are also subject to the market risk capital rule as implemented by the U.S. Agencies.

As required by the Dodd-Frank Act, we are subject to a standardized “capital floor,” also referred to as the Collins Amendment, in the assessment of our regulatory capital adequacy. Thus, our risk-based capital ratios for regulatory assessment purposes are the lower of each ratio calculated under the standardized approach and the advanced approaches. We are also subject to various capital buffer requirements described below in this “Supervision and Regulation” section.

In July 2023, the U.S. Agencies issued a proposed rule to implement the Basel III endgame agreement (2023 Basel III Endgame Proposal) for large banks, and separately proposed revisions to the U.S. G-SIB capital surcharge framework (2023 G-SIB Surcharge Proposal). The 2023 Basel III Endgame Proposal would, among other things, eliminate the advanced approaches for monitoring risk-based capital adequacy in favor of a new standardized expanded risk-based approach that includes new standardized approaches for operational risk and CVA risk RWA components, and would also replace the existing market risk rule with the new fundamental review of the trading book (FRTB) framework. The G-SIB Surcharge Proposal would, among other things, measure the G-SIB surcharge in more granular 0.1%

increments as opposed to the 0.5% increments that currently apply.

Recent public statements by U.S. banking officials indicate that the 2023 Basel III Endgame Proposal and 2023 G-SIB Surcharge Proposal are under reconsideration. However, the timing and content of any potential re-proposal, and the effects of any re-proposal on State Street, remain uncertain at this stage.

Risk Weighted Assets

The existing Basel III rule provides two frameworks for the calculation of RWA for purposes of bank regulatory capital: the “standardized” approach and the “advanced” approaches, which are applicable to advanced approaches banking organizations, like us.

The standardized approach prescribes standardized risk weights for certain on- and off-balance sheet exposures in the calculation of RWA. The advanced approaches consist of the Advanced Internal Ratings-Based Approach (AIRB) used for the calculation of RWA related to credit risk and the Advanced Measurement Approach (AMA) used for the calculation of RWA related to operational risk.

Minimum Risk-Based Capital Requirements

Among other things, the Basel III rule (as amended) requires:

- a minimum CET1 risk-based capital ratio of 4.5% and a minimum SLR of 3% for advanced approaches banking organizations;
- a minimum Tier 1 risk-based capital ratio of 6%;
- a minimum total capital ratio of 8%; and
- the stress capital and countercyclical capital buffers, referenced below, as well as a G-SIB surcharge and the enhanced SLR (which acts as an SLR buffer) described in “Capital” in “Financial Condition” in our Management’s Discussion and Analysis in this Form 10-K.

Under the Basel III rule, our total regulatory capital is composed of three tiers: CET1 capital, Tier 1 capital (which includes CET1 capital), and Tier 2 capital. The total of Tier 1 and Tier 2 capital, adjusted as applicable, is referred to as total regulatory capital.

CET1 capital is composed of core capital elements, such as qualifying common shareholders’ equity and related surplus plus retained earnings and the cumulative effect of foreign currency translation plus net unrealized gains (losses) on debt and equity securities classified as AFS, less treasury stock and less goodwill and other intangible assets, net of related deferred tax liabilities. Tier 1 capital is composed of CET1 capital plus additional Tier 1 capital instruments which, for us, includes three series of preferred equity outstanding as of December 31, 2024. Tier 2 capital includes certain eligible

subordinated long-term debt instruments. Total regulatory capital consists of Tier 1 capital and Tier 2 capital.

Certain other items, if applicable, must be deducted from Tier 1 and Tier 2 capital, including certain investments in the capital of unconsolidated banking, financial and insurance entities and the amount of expected credit losses that exceeds recorded allowances for loan and other credit losses. Expected credit losses are calculated for wholesale credit exposures by formula in conformity with the Basel III rule.

G-SIB Surcharge

The eight U.S. bank holding companies deemed to be G-SIBs, including us, are required to calculate the G-SIB surcharge annually according to two methods, and be bound by the higher of the two:

- Method 1: Assesses systemic importance based upon five equally-weighted components: size, interconnectedness, complexity, cross-jurisdictional activity and substitutability; or
- Method 2: Alters the calculation from Method 1 by factoring in a short-term wholesale funding score in place of substitutability and applying a fixed coefficient to each of the five components.

Method 2 is the binding methodology for us as of December 31, 2024. Our current G-SIB surcharge, through December 31, 2025, is 1.0%. Based upon preliminary calculations using data as of December 31, 2024, we currently anticipate that our surcharge will remain at 1.0% through December 31, 2026; however, that calculation has not yet been finalized and is subject to many financial, balance sheet, market and other factors, and consequently there is a risk that a higher G-SIB surcharge (e.g., 1.5%) may result from the final calculation. If our Method 1 or Method 2 score changes year-over-year such that we would become subject to a higher surcharge, the higher surcharge would not become effective for two years from the “as of” date (e.g., a higher surcharge calculated as of December 31, 2024 would not become effective until January 1, 2027). If, however, our Method 1 or Method 2 score changes year-over-year such that we would become subject to a lower surcharge, we would be subject to the lower surcharge beginning one full year from the “as of” date (e.g., a lower surcharge calculated as of December 31, 2024 would become effective January 1, 2026).

Stress Capital Buffer

On March 4, 2020, the U.S. Agencies issued the SCB final rule that replaced, under the standardized approach, the fixed capital conservation buffer (2.5%) with an SCB calculated as the difference between the institution’s starting and

lowest projected CET1 ratio under the severely adverse scenario of the Federal Reserve’s supervisory stress test plus planned common stock dividend payments (as a percentage of RWA) from the fourth through seventh quarter of the supervisory stress testing planning horizon. Based on our results from the 2024 supervisory stress test, our SCB for the period of October 1, 2024 through September 30, 2025 is set at the prescribed minimum floor of 2.5% of RWA. For additional information about the SCB final rule, refer to “Capital Planning, Stress Tests and Dividends” in this “Supervision and Regulation” section.

Under the SCB final rule, a banking organization would be able to make capital distributions and discretionary bonus payments without specified quantitative limitations (although subject to other potential regulatory constraints, such as supervisory limitations), as long as it maintains its required SCB plus the applicable G-SIB surcharge (plus any potentially applicable countercyclical capital buffer) over the minimum required risk-based capital ratios and as long as it satisfies all leverage based capital requirements and buffers. From time to time, under certain economic conditions, banking regulators may establish a minimum countercyclical capital buffer up to a maximum of 2.5% of total RWA. The countercyclical capital buffer was initially set by banking regulators at zero, and has not been increased since its inception.

Assuming a countercyclical buffer of 0%, the minimum capital ratios as of January 1, 2025, including a capital conservation buffer and an SCB of 2.5% for advanced and standardized approaches, respectively, and a G-SIB surcharge of 1.0%, are 8.0% for CET1 capital, 9.5% for Tier 1 risk-based capital and 11.5% for total risk-based capital, in order for us to make capital distributions and discretionary bonus payments without limitation.

Leverage Ratios

We are subject to a minimum Tier 1 leverage ratio and SLR. The Tier 1 leverage ratio is based on Tier 1 capital and adjusted quarterly average on-balance sheet assets. The Tier 1 leverage ratio differs from the SLR primarily in that the denominator of the Tier 1 leverage ratio is a quarterly average of on-balance sheet assets, while the SLR additionally includes off-balance sheet exposures. We must maintain a minimum Tier 1 leverage ratio of 4%.

We are also subject to a minimum SLR of 3%, and as a U.S. G-SIB, we must maintain a 2% SLR buffer in order to avoid any limitations on distributions to shareholders and discretionary bonus payments to certain executives. If we do not maintain this buffer, limitations on these distributions and discretionary bonus payments would be increasingly stringent based upon the extent of the shortfall.

Under a final rule adopted by the U.S. Agencies pursuant to the EGRRCPA, central bank deposits are excluded from a custodial banking organization's total leverage exposure for purposes of calculating the SLR. This exclusion is not applicable to total leverage exposure under the calculation of Tier 1 leverage. The rule became effective on April 1, 2020. For the quarter ended December 31, 2024, we excluded \$87.5 billion of average balances held on deposit at central banks from the denominator used in the calculation of our SLR based on this custodial banking exclusion. The TLAC and LTD that State Street is required to hold under SLR-based requirements reflect the exclusion of certain central bank balances as a consequence of the rule.

The SA-CCR final rule that went into effect for us on January 1, 2022, also requires us to incorporate the SA-CCR into the calculation of our total leverage exposure for the purpose of calculating SLR.

Total Loss-Absorbing Capacity

The Federal Reserve has implemented rules on TLAC, LTD and clean holding company requirements for U.S. domiciled G-SIBs, such as us. The TLAC rule imposes: (1) external TLAC requirements (i.e., combined eligible Tier 1 regulatory capital and LTD); (2) separate external LTD requirements; and (3) clean holding company requirements that impose restrictions on certain types of liabilities and limit non-TLAC related third party liabilities to 5% of external TLAC.

Among other things, the TLAC rule requires us to comply with minimum requirements for external TLAC and external LTD. Specifically, since January 2023, we must hold:

- (1) combined eligible Tier 1 regulatory capital and LTD in the amount equal to the greater of 21.5% of total RWA (18.0% minimum plus a 2.5% capital conservation buffer plus a G-SIB surcharge calculated for these purposes under Method 1 of 1.0% plus any applicable counter-cyclical buffer, which is currently 0%) and 9.5% of total leverage exposure (7.5% minimum plus the enhanced SLR buffer of 2.0%), as defined by the SLR rule; and
- (2) qualifying external LTD equal to the greater of 7.0% of RWA (6.0% minimum plus a G-SIB surcharge calculated for these purposes under Method 2 of 1.0%) and 4.5% of total leverage exposure, as defined by the SLR rule.

Additionally, certain large banking organizations, such as us and State Street Bank, are required to make deductions from regulatory capital for investments in certain unsecured debt instruments issued by bank holding companies and U.S. intermediate holding companies of foreign banks that

are subject to the Federal Reserve's TLAC and LTD requirements, as well as foreign G-SIBs.

Liquidity Coverage Ratio and Net Stable Funding Ratio

In addition to capital standards, the Basel III framework introduced two quantitative liquidity standards: the LCR and the NSFR.

We are subject to the rule issued by the U.S. Agencies implementing the LCR in the United States. The LCR is intended to promote the short-term resilience of internationally active banking organizations, like us, to improve the banking industry's ability to absorb shocks arising from market stress over a 30 calendar day period and improve the measurement and management of liquidity risk.

The LCR measures an institution's HQLA against its net cash outflows under a prescribed stress environment. We report LCR to the Federal Reserve daily and are required to calculate and maintain an LCR that is equal to or greater than 100%. In addition, we publicly disclose certain qualitative and quantitative information about our LCR consistent with the quarterly disclosure requirements of the Federal Reserve's final rule.

Compliance with the LCR has required that we maintain an investment portfolio that contains an adequate amount of HQLA. In general, HQLA investments generate a lower investment return than other types of investments, resulting in a negative impact on our NII and our NIM. In addition, the level of HQLA we are required to maintain under the LCR is dependent upon our client relationships and the nature of services we provide, which may change over time. Deposits resulting from certain services provided ("operational deposits") are treated as more resilient during periods of stress than other deposits. As a result, if balances of operational deposits increased relative to our total client deposit base, we would expect to require less HQLA in order to maintain our LCR. Conversely, if balances of operational deposits decreased relative to our total client deposit base, we would expect to require more HQLA.

In addition, as a large banking organization, we are subject to the NSFR rule approved by the U.S. Agencies. The NSFR rule requires large banking organizations to maintain a minimum amount of available stable funding, which is a weighted measure of a company's funding sources over a one-year time horizon, calculated by applying standardized weightings to the company's equity and liabilities based on their expected stability. The amount of stable funding can be no less than the amount of required stable funding, which is calculated by applying standardized weightings to assets, derivatives exposures and certain other items based on their liquidity characteristics. As a U.S. G-SIB, we

are required to maintain an NSFR that is equal to or greater than 100%. We publicly disclose certain qualitative and quantitative information about our NSFR consistent with the semi-annual disclosure requirements of the Federal Reserve's final rule. Additional information about our NSFR is provided in "Asset Liquidity" in "Liquidity Risk Management" in our Management's Discussion and Analysis in this Form 10-K.

Capital Planning, Stress Tests and Dividends

Pursuant to the Dodd-Frank Act, in March 2020, the Federal Reserve adopted capital planning and stress test requirements for large bank holding companies, including us, which form part of the Federal Reserve's annual stress testing and capital planning framework. The Federal Reserve conducts its own stress tests of our business operations using supervisory models, referred to as supervisory stress tests, the results of which it uses to calibrate our annual SCB, subject to a minimum of 2.5%. In addition, under the Federal Reserve's capital plan rule, we must conduct periodic stress testing of our business operations and submit an annual capital plan to the Federal Reserve, taking into account the results of separate stress tests designed by us and by the Federal Reserve. The Federal Reserve conducts a qualitative assessment of our capital plan as part of the annual supervisory process known as CCAR, to evaluate the strength of our capital planning practices, including our ability to identify, measure, and determine the appropriate amount of capital for our risks, and controls and governance supporting capital planning.

The Federal Reserve's final SCB rule integrates its annual capital planning and stress testing requirements with certain ongoing regulatory capital requirements and applies to certain bank holding companies, including us. The standardized approach SCB equals the greater of (i) 2.5%; and (ii) the maximum decline in our CET1 capital ratio under the severely adverse scenario over the supervisory stress test measurement period, plus the ratio of (a) the sum of the dollar amount of our planned common stock dividends for the fourth through seventh quarters of the supervisory stress test projection period to (b) our projected RWA for the quarter in which our projected CET1 capital ratio reaches its minimum in the supervisory stress test.

The final rule made related changes to capital planning and stress testing processes for bank holding companies subject to the SCB requirement. In particular, the final rule assumes that bank holding companies maintain a constant level of assets and RWA throughout the supervisory stress test projection period. In addition, under the final rule the SCB incorporates the dollar amount of four quarters of planned common stock dividends, as described above.

The final rule did not change regulatory capital requirements under the advanced approaches, the Tier 1 leverage ratio or the SLR.

Our SCB requirement was 2.5% for the period from October 1, 2023 through September 30, 2024. On June 26, 2024, we were notified by the Federal Reserve of the results from the 2024 supervisory stress test. Our SCB calculated under the 2024 supervisory stress test was below the 2.5% minimum, resulting in an SCB at that floor, which remains in effect for the period from October 1, 2024 through September 30, 2025.

In addition to the SCB requirement, we continue to be subject to CCAR's capital plan requirements and the supervisory assessment of our capital planning activities. Under the capital planning requirements, our annual capital plan must include a description of all of our planned capital actions over a nine-quarter planning horizon, including any capital qualifying instruments, any capital distributions, such as payments of dividends on, or repurchases of, our stock, and any similar action that the Federal Reserve determines could affect our consolidated capital. The capital plan must include a discussion of how we will maintain capital above the minimum regulatory capital ratios, including the minimum ratios under the Basel III rule, and serve as a source of strength to State Street Bank under supervisory stress scenarios. Changes in our strategy, merger or acquisition activity or unanticipated uses of capital could result in a change in our capital plan and its associated capital actions, including capital raises or modifications to planned capital actions, such as repurchases of our stock, and may require resubmission of the capital plan to the Federal Reserve if, among other reasons, we would not meet our regulatory capital requirements after making the proposed capital distribution.

In addition to its stress testing and capital planning requirements, the Federal Reserve has the authority to prohibit or to limit the payment of dividends, the repurchase of common stock, or other capital actions that reduce capital by the banking organizations it supervises, including the Parent Company and State Street Bank, if, in the Federal Reserve's opinion, the capital action would constitute an unsafe or unsound practice in light of the financial condition of the banking organization. All of these policies and other requirements could affect our ability to pay dividends and repurchase our stock or require us to provide capital assistance to State Street Bank and any other banking subsidiary. Our common stock and other stock dividends, including the declaration, timing and amount thereof, remain subject to consideration and approval by our Board of Directors at the relevant times.

The EGRRCPA modified certain aspects of the Federal Reserve's stress-testing requirements, reducing the number of scenarios in the supervisory

stress test from three to two and modifying our obligation to perform company-run stress-tests from semi-annually to annually. The Federal Reserve adopted a final rule in October 2019 that, among other things, implemented this modification.

Enhanced Prudential Standards

The Dodd-Frank Act, as amended by the EGRRCPA, establishes a systemic risk regime to which large bank holding companies with \$100 billion or more in consolidated assets, such as us, are subject. U.S. G-SIBs, such as us, are subject to the most stringent requirements, including heightened capital, leverage, liquidity and risk management requirements and single-counterparty credit limits (SCCL).

Under the Federal Reserve's regulation, we are required to comply with various liquidity-related risk management standards and maintain a liquidity buffer of unencumbered highly liquid assets based on the results of internal liquidity stress testing. This liquidity buffer is in addition to other liquidity requirements, such as the LCR and the NSFR. The regulations also establish requirements and responsibilities for our risk committee and mandate risk management standards.

The Federal Reserve has established a rule that imposes contractual requirements on certain "qualified financial contracts" to which U.S. G-SIBs, including us, and their subsidiaries are parties. Under the rule, certain qualified financial contracts generally must expressly provide that transfer restrictions and default rights against a U.S. G-SIB, or a subsidiary of a U.S. G-SIB, are limited to the same extent as they would be under the Federal Deposit Insurance Act and Title II of the Dodd-Frank Act and their implementing regulations. In addition, certain qualified financial contracts may not, among other things, permit the exercise of any cross-default right against a U.S. G-SIB or a subsidiary of a U.S. G-SIB based on an affiliate's entry into insolvency, resolution or similar proceedings, subject to certain creditor protections.

The systemic-risk regime also provides that for U.S. G-SIBs deemed to pose a grave threat to U.S. financial stability, the Federal Reserve, upon an FSOC vote, must limit that institution's ability to merge, restrict its ability to offer financial products, require it to terminate activities, impose conditions on activities or, as a last resort, require it to dispose of assets. Upon a grave threat determination by the FSOC, the Federal Reserve must issue rules that require financial institutions subject to the systemic-risk regime to maintain a debt-to-equity ratio of no more than 15 to 1 if the FSOC considers it necessary to mitigate the risk of the grave threat. The Federal Reserve also has the ability to establish further standards, including those regarding contingent capital, enhanced public disclosures and limits on

short-term debt, including off-balance sheet exposures.

As a G-SIB, we are subject to enhanced supervision and prudential standards. Our status as a G-SIB has also resulted in heightened expectations of our U.S. and international regulators with respect to our capital and liquidity management and our compliance and risk oversight programs. These heightened expectations have increased our regulatory compliance costs, including personnel, technology and systems, as well as significant additional implementation and related costs to enhance our regulatory compliance programs. Regulatory compliance requirements are anticipated to remain at least at the elevated levels we have experienced over the past several years.

Failure to meet current and future regulatory capital requirements could subject us to a variety of enforcement actions, including the termination of State Street Bank's deposit insurance by the FDIC, and to certain restrictions on our business, including those that are described above in this "Supervision and Regulation" section.

Not all of our competitors have similarly been designated as systemically important nor are all of them subject to the same degree of regulation as a bank or financial holding company, and therefore some of our competitors may not be subject to the same additional capital requirements.

For additional information about our regulatory capital position and our regulatory capital adequacy, as well as current and future regulatory capital requirements, refer to "Capital" in "Financial Condition" in our Management's Discussion and Analysis, and Note 16 to the consolidated financial statements in this Form 10-K.

The Volcker Rule

We are subject to the Volcker Rule and implementing regulations. The Volcker Rule prohibits banking entities, including us and our affiliates, from engaging in certain prohibited proprietary trading activities, as defined in the Volcker Rule regulations, subject to exemptions for market-making related activities, risk-mitigating hedging, underwriting and certain other activities. The Volcker Rule also requires banking entities to either restructure or divest certain ownership interests in, and relationships with, covered funds (as such terms are defined in the Volcker Rule regulations).

The Volcker Rule regulations require banking entities to establish extensive programs designed to promote compliance with the restrictions of the Volcker Rule. Consequently, Volcker Rule compliance entails both the cost of implementing a compliance program and loss of certain revenue and future opportunities.

Recovery and Resolution Planning

Under Section 165(d) of the Dodd-Frank Act, we are required to submit a resolution plan on a biennial basis jointly to the Federal Reserve and the FDIC (the “Agencies”). The purpose of our resolution plan is to describe our preferred resolution strategy and to demonstrate that we have the resources and capabilities to execute on that strategy in the event of major financial distress. Through resolution planning, we seek to maintain our role as a key infrastructure provider within the financial system, while minimizing risk to the financial system.

The U.S. Agencies’ final rule from 2019 requires U.S. G-SIBs to file a full resolution plan and a targeted resolution plan on an alternating basis in the relevant submission years. We submitted our full 165(d) resolution plan by July 1, 2023. Feedback letters from the U.S. Agencies on the results of the 2023 plan submissions were released to each of the U.S. G-SIBs on June 21, 2024. We have no identified shortcomings or deficiencies. Our next 165(d) resolution plan submission to the U.S. Agencies is a targeted resolution plan due by July 1, 2025.

In the event of material financial distress, our preferred resolution strategy is the single point of entry strategy (the “SPOE Strategy”). The SPOE Strategy provides that prior to the bankruptcy of the Parent Company and pursuant to a support agreement among the Parent Company, SSIF (a direct subsidiary of the Parent Company), our Beneficiary Entities (as defined below) and certain of our other entities, SSIF is obligated, up to its available resources, to recapitalize and/or provide liquidity to State Street Bank and the other entities benefiting from such capital and/or liquidity support (collectively with State Street Bank, “Beneficiary Entities”), in amounts designed to prevent the Beneficiary Entities from themselves entering into resolution proceedings. Following the recapitalization of, or provision of liquidity to the Beneficiary Entities, the Parent Company would enter into a bankruptcy proceeding under the U.S. Bankruptcy Code. The Beneficiary Entities and our other subsidiaries would be transferred to a newly organized holding company held by a reorganization trust for the benefit of the Parent Company’s claimants.

Under the support agreement, the Parent Company has pre-funded SSIF by contributing certain of its assets (primarily its liquid assets, cash deposits, investments in intercompany debt, investments in marketable securities, and other cash and non-cash equivalent investments) to SSIF at the time it entered into the support agreement and continues to contribute such assets, to the extent available, on an ongoing basis. In consideration for these contributions, SSIF has agreed in the support agreement to provide capital and liquidity support to the Parent Company and all of the Beneficiary

Entities in accordance with the Parent Company’s capital and liquidity policies. Under the support agreement, the Parent Company is only permitted to retain cash needed to meet its upcoming obligations and to fund expected expenses during a potential bankruptcy proceeding. SSIF has provided the Parent Company with a committed credit line and issued (and may issue) one or more promissory notes to the Parent Company (the “Parent Company Funding Notes”) that together are intended to allow the Parent Company to continue to meet its obligations throughout the period prior to the occurrence of a “Recapitalization Event”, which is defined under the support agreement as the earlier occurrence of: (1) one or more capital and liquidity thresholds being breached or (2) the authorization by the Parent Company’s Board of Directors for the Parent Company to commence bankruptcy proceedings. The support agreement does not obligate SSIF to maintain any specific level of resources and SSIF may not have sufficient resources to implement the SPOE Strategy.

In the event a Recapitalization Event occurs, the obligations outstanding under the Parent Company Funding Notes would automatically convert into or be exchanged for capital contributed to SSIF. The obligations of the Parent Company and SSIF under the support agreement are secured through a security agreement that grants a lien on the assets that the Parent Company and SSIF would use to fulfill their obligations under the support agreement to the Beneficiary Entities. SSIF is a distinct legal entity separate from the Parent Company and the Parent Company’s other affiliates.

In accordance with our policies, we are required to monitor, on an ongoing basis, the capital and liquidity needs of State Street Bank and our other Beneficiary Entities. To support this process, we have established a trigger framework that identifies key actions that would need to be taken or decisions that would need to be made if certain events tied to our financial condition occur. The trigger thresholds are set at levels intended to provide for the availability of sufficient capital and liquidity to enable an orderly resolution without extraordinary government support that results in us emerging from resolution as a stabilized institution with market confidence restored.

Upon the occurrence of a Recapitalization Event: (1) SSIF would not be authorized to provide any further liquidity to the Parent Company; (2) the Parent Company would be required to contribute to SSIF any remaining assets it is required to contribute to SSIF under the support agreement (which specifically exclude amounts designated to fund expected expenses during a potential bankruptcy proceeding); (3) SSIF would be required to provide capital and liquidity support to the Beneficiary Entities to support such entities’ continued operation to the

extent of its available resources and consistent with the support agreement; and (4) the Parent Company would be expected to commence Chapter 11 proceedings under the U.S. Bankruptcy Code. No person or entity, other than a party to the support agreement, should rely on any of our affiliates being or remaining a Beneficiary Entity or receiving capital or liquidity support pursuant to the support agreement, including in evaluating any of our entities from a creditor's perspective or determining whether to enter into a contractual relationship with any of our entities.

State Street Bank is also required to submit to the FDIC a plan for resolution in the event of its failure, referred to as an IDI plan. We submitted our last IDI plan by December 1, 2023. Following the notice of proposed rulemaking from August 2023, the FDIC amended and restated its rule on IDI plans in June 2024. The final rule became effective on October 1, 2024 and requires IDI subsidiaries of U.S. G-SIBs, such as State Street Bank, to file their IDI plans on a biennial basis, with the first IDI plan submission under the final rule due by July 1, 2026.

Additionally, we are required to submit a recovery plan periodically to the Federal Reserve. This plan includes strategies designed to respond to stress factors at an early stage and stabilize and maintain operational continuity and market confidence. Our recovery strategies are intended to be implemented before our resolution plan is triggered. We are also engaged in recovery planning requirements in certain international jurisdictions where we operate.

Orderly Liquidation Authority

Under the Dodd-Frank Act, certain financial companies, including bank holding companies such as the Parent Company, and certain covered subsidiaries, can be subjected to the orderly liquidation authority. For the FDIC to be appointed as our receiver, two-thirds of the FDIC Board and two-thirds of the Federal Reserve Board must recommend appointment, and the U.S. Treasury Secretary, in consultation with the U.S. President, must then make certain extraordinary financial distress and systemic risk determinations. Absent such actions, we, as a bank holding company, would remain subject to the U.S. Bankruptcy Code.

If the FDIC were appointed as the receiver of the Parent Company pursuant to the orderly liquidation authority, the FDIC would have considerable powers to resolve the Parent Company, including: (1) the power to remove officers and directors responsible for the Parent Company's failure and to appoint new directors and officers; (2) the power to assign assets and liabilities to a third party or bridge financial company without the need for creditor consent or prior court review; (3) the ability to differentiate

among similarly situated creditors, subject to a minimum recovery right to receive at least what they would have received in bankruptcy liquidation; and (4) broad powers to administer the claims process to determine distributions from the assets of the receivership to creditors not transferred to a third party or bridge financial institution.

Although the orderly liquidation authority went into effect in 2010, rulemaking is proceeding incrementally, with some regulations finalized and others planned but not yet proposed. The FDIC released its proposed SPOE strategy for resolution of a SIFI under the orderly liquidation authority in December 2013 and a comprehensive report on the orderly resolution of a U.S. G-SIB using SPOE as the presumptive strategy in April 2024. The FDIC's releases outline how it would likely use its powers under the orderly liquidation authority to resolve a SIFI by placing its top-tier U.S. holding company in receivership and keeping its operating subsidiaries open and out of insolvency proceedings by transferring the operating subsidiaries to a new bridge holding company, recapitalizing the operating subsidiaries and imposing losses on the shareholders and creditors of the holding company in receivership according to their statutory order of priority.

Derivatives

Title VII of the Dodd-Frank Act imposed a comprehensive regulatory structure on the OTC derivatives market, including requirements for clearing, exchange trading, capital, margin, reporting and record-keeping. Title VII also requires certain persons to register as a major swap participant, a swap dealer or a securities-based swap dealer. The CFTC, the SEC, and other U.S. regulators have largely completed the implementation of key provisions of Title VII.

State Street Bank has registered with the CFTC as a swap dealer. As a registered swap dealer, State Street Bank is subject to significant regulatory obligations regarding its swap activity and the supervision, examination and enforcement powers of the CFTC and other regulators. The CFTC has granted State Street Bank a limited-purpose swap dealer designation. Under this limited-purpose designation, interest rate swap activity conducted by State Street Bank's Global Treasury group is not subject to certain of the swap regulatory requirements otherwise applicable to swaps entered into by a registered swap dealer, subject to a number of conditions. For all other swap transactions, our swap activities remain subject to all applicable swap dealer regulations.

Subsidiaries

The Federal Reserve is the primary federal banking agency responsible for regulating us and our subsidiaries, including State Street Bank, with respect

to both our U.S. and non-U.S. operations. Our banking subsidiaries are subject to supervision and examination by various regulatory authorities and have regulatory requirements that may differ from the Parent Company.

State Street Bank

State Street Bank is a member of the Federal Reserve System, its deposits are insured by the FDIC and it is subject to applicable federal and state banking laws and to supervision and examination by the Federal Reserve, the Massachusetts Commissioner of Banks, as well as the FDIC and the regulatory authorities of those states and countries in which State Street Bank operates a branch.

As with the Parent Company, State Street Bank is subject to the Basel III framework in the United States and the market risk capital rule jointly issued by U.S. Agencies. As required by the Dodd-Frank Act, State Street Bank, as an advanced approaches banking organization, is subject to a “capital floor,” also referred to as the Collins Amendment, in the assessment of its regulatory capital adequacy described above in this “Supervision and Regulation” section.

Under the Basel III rule, State Street Bank’s regulatory capital calculations, including any additions or deductions from capital for regulatory purposes, are consistent with the calculations of the Parent Company. For additional information about the 2023 Basel III Endgame Proposal, refer to “Basel III Rule” above in this “Supervision and Regulation” section.

Similar to our Parent Company, State Street Bank is subject to the Tier 1 leverage ratio and the SLR. However, as State Street Bank is an IDI subsidiary of a U.S. G-SIB, it is required to maintain a minimum Tier 1 leverage ratio of 5% and a minimum SLR of 6% to be considered well capitalized.

For the purposes of calculating the SLR, State Street Bank is similarly subject to the U.S. Agencies’ final rule that excludes qualifying central bank deposits from a custodial banking organization’s total leverage exposure. For the quarter ended December 31, 2024, State Street Bank excluded \$87.5 billion of average balances held on deposit at central banks from the denominator used in the calculation of our SLR based on this custodial banking exclusion.

Pursuant to the U.S. Agencies’ LCR and NSFR final rules, as a subsidiary of a U.S. G-SIB, State Street Bank is similarly required to maintain an LCR and NSFR, respectively, equal to or greater than 100%.

We and our subsidiaries that are not subsidiaries of State Street Bank are affiliates of State Street Bank under federal banking laws, which impose restrictions on various types of transactions, including loans, extensions of credit, investments or asset purchases by or from State Street Bank, on the one hand, to us and those of our subsidiaries, on the other.

Transactions of this kind between State Street Bank and its affiliates generally are limited with respect to each affiliate to 10% of State Street Bank’s capital and surplus, as defined by the aforementioned banking laws, are limited in the aggregate for all affiliates to 20% of State Street Bank’s capital and surplus, and in some cases are also subject to strict collateral requirements. Derivatives, securities borrowing and securities lending transactions between State Street Bank and its affiliates became subject to these restrictions pursuant to the Dodd-Frank Act. The Dodd-Frank Act also expanded the scope of transactions required to be collateralized. In addition, the Volcker Rule generally prohibits similar transactions between the Parent Company or any of its affiliates and covered funds for which we or any of our affiliates serve as the investment manager, investment adviser, commodity trading advisor or sponsor and other covered funds organized and offered pursuant to specific exemptions in the Volcker Rule regulations.

Federal law also requires that certain transactions by a bank with affiliates be on terms and under circumstances, including credit standards, that are substantially the same, or at least as favorable to the bank, as those prevailing at the time for comparable transactions involving other non-affiliated companies. Alternatively, in the absence of comparable transactions, the transactions must be on terms and under circumstances, including credit standards, that in good faith would be offered to, or would apply to, non-affiliated companies.

State Street Bank is also prohibited from engaging in certain tie-in arrangements in connection with any extension of credit or lease or sale of property or furnishing of services. Federal law provides for a depositor preference on amounts realized from the liquidation or other resolution of any depository institution insured by the FDIC.

Other Subsidiaries

Our other subsidiary trust companies are subject to supervision and examination by the OCC, the Federal Reserve or by the appropriate state banking regulatory authorities of the states in which they are organized and operate. Our continental European banking subsidiary, State Street Bank International GmbH is a significant entity in accordance with European banking regulations and accordingly is supervised directly by the European Central Bank. State Street Bank International GmbH operates in several countries including Germany, Luxembourg, Italy, France and Switzerland. In the United Kingdom, the branch of State Street Bank is dually regulated by the Prudential Regulatory Authority and the Financial Conduct Authority, in Ireland our depository and fund administration companies are regulated by the Central Bank of Ireland and in Canada our trust company is regulated by the Office of the

Superintendent of Financial Institutions. Our other subsidiaries internationally engaged in our investment servicing activities are regulated by applicable authorities in the jurisdictions of their activities. Our subsidiaries involved in our investment management and securities and markets businesses are regulated by governments, securities exchanges, self-regulatory organizations, central banks and regulatory bodies in U.S. federal and state and non-U.S. jurisdictions, especially in those jurisdictions in which we maintain an office.

Many aspects of our investment management activities are subject to U.S. federal and state, as well as non-U.S., laws and regulations primarily intended to benefit the investment holder, rather than our shareholders. These laws and regulations generally grant supervisory agencies and bodies broad administrative powers, including the power to limit or restrict us from conducting our investment management activities in the event that we fail to comply with such laws and regulations, and examination authority. Our business related to investment management and trusteeship of collective trust funds and separate accounts offered to employee benefit plans is subject to the Employee Retirement Income Security Act (ERISA), and is regulated by the U.S. Department of Labor (DOL).

The majority of our non-U.S. asset servicing operations are conducted pursuant to the Federal Reserve's Regulation K through State Street Bank's Edge Act subsidiary or through international branches of State Street Bank. An Edge Act corporation is a corporation organized under federal law that conducts foreign business activities. In general, banks may not make investments in their Edge Act corporations (and similar state law corporations) that exceed 20% of their capital and surplus, as defined in the relevant banking regulations, and the investment of any amount in excess of 10% of capital and surplus requires the prior approval of the Federal Reserve.

In addition to our non-U.S. operations conducted pursuant to Regulation K, we also make new investments abroad directly (through us or through our non-banking subsidiaries) pursuant to the Federal Reserve's Regulation Y, or through international bank branch expansion, neither of which is subject to the investment limitations applicable to Edge Act subsidiaries.

Additionally, Massachusetts has its own bank holding company statute, under which we, among other things, may be required to obtain prior approval by the Massachusetts Board of Bank Incorporation for an acquisition of more than 5% of any additional bank's voting shares, or for other forms of bank acquisitions.

Anti-Money Laundering and Financial Transparency

Certain of our subsidiaries are subject to the Bank Secrecy Act of 1970, as amended by the USA PATRIOT Act of 2001, and related regulations, which contain AML and financial transparency provisions and which require implementation of an AML compliance program, including processes for verifying client identification and monitoring client transactions and detecting and reporting suspicious activities. AML laws outside the United States contain similar requirements. State Street Corporation and its subsidiaries are also required to comply with sanctions laws and regulations administered and imposed by the U.S. government, including the U.S. Treasury Department's OFAC and the Department of State, as well as comparable sanctions programs imposed by foreign governments and multilateral bodies. We have implemented an enterprise-wide AML and sanctions compliance program, including policies, procedures and internal controls that are designed to promote compliance with applicable AML laws and regulations and sanctions. AML laws and regulations applicable to our operations may be more stringent than similar requirements applicable to our non-regulated competitors or financial institutions principally operating in other jurisdictions.

Compliance with applicable AML and related requirements is a common area of review for financial regulators, and any failure by us to comply with these requirements could result in fines, penalties, lawsuits, regulatory sanctions, difficulties in obtaining governmental approvals, restrictions on our business activities or harm to our reputation. As an example, In June 2024, we entered into a settlement agreement with the U.S. Department of Treasury's OFAC to resolve its investigation into apparent violations of OFAC's Ukraine-/Russia-Related Sanctions Regulations. In connection with the settlement, we paid a civil monetary penalty of \$7.45 million and made certain compliance commitments.

Deposit Insurance

The Dodd-Frank Act made permanent the general \$250,000 deposit insurance limit for insured deposits. The FDIC's Deposit Insurance Fund (DIF) is funded by assessments on FDIC IDIs. The FDIC assesses DIF premiums based on an IDI's average consolidated total assets, less the average tangible equity of the IDI during the assessment period. For larger institutions, such as State Street Bank, assessments are determined based on regulatory ratings and forward-looking financial measures to calculate the assessment rate, which is subject to adjustments by the FDIC, and the assessment base.

The FDIC is required to determine whether and to what extent adjustments to the assessment base are appropriate for "custody banks" that satisfy

specified institutional eligibility criteria. The FDIC has concluded that certain liquid assets could be excluded from the deposit insurance assessment base of custody banks. This, subject to change by the FDIC, has the effect of reducing the amount of DIF insurance premiums due from custody banks. State Street Bank qualifies as a custody bank for this purpose. The custody bank assessment adjustment may not exceed total transaction account deposits identified by the institution as being directly linked to a fiduciary or custody and safekeeping asset.

Following the failures of Silicon Valley Bank and Signature Bank and the resulting losses to the DIF in the first half of 2023, the FDIC adopted a final rule on November 16, 2023 to implement a special assessment to recover the cost associated with protecting their uninsured depositors. Under the final rule, the assessment base for the special assessment is equal to an IDI's estimated uninsured deposits reported as of December 31, 2022, adjusted to exclude the first \$5 billion of uninsured deposits. The \$5 billion exclusion is applied once to the aggregate uninsured deposits of a consolidated banking organization. The FDIC will collect the special assessment over an initial, eight-quarter collection period and currently projects that the special assessment will be collected for an additional two quarters beyond the initial eight-quarter collection period, at a lower rate, subject to change depending on any adjustments to the loss estimate, mergers, failures, or amendments to reported estimates of uninsured deposits. The final rule was effective on April 1, 2024, with the first collection for the special assessment reflected on the invoice for the first quarterly assessment period of 2024 (i.e., January 1 through March 31, 2024), with a payment date of June 28, 2024.

In 2023, we recognized a pre-tax expense within other expenses of approximately \$387 million, reflecting State Street Bank's allocation of the special assessment at that time, consistent with the calculation methodology noted above. In 2024, we recognized an additional pre-tax expense within other expenses of approximately \$99 million, primarily reflecting the FDIC's February 2024 disclosed increase to its estimate of losses to the DIF. The total expense for the special assessment remains subject to any actions by the FDIC, to cease collection early, extend the special assessment period, or impose a one-time final shortfall special assessment, including as a result of updates to the estimated losses.

Prompt Corrective Action

The FDIC Improvement Act of 1991 requires the appropriate federal banking regulator to take "prompt corrective action" with respect to a depository institution if that institution does not meet certain capital adequacy standards, including minimum capital ratios. While these regulations apply only to banks, such as State Street Bank, the Federal

Reserve is authorized to take appropriate action against a parent bank holding company, such as our Parent Company, based on the under-capitalized status of any banking subsidiary. In certain instances, we would be required to guarantee the performance of a capital restoration plan if one of our banking subsidiaries were undercapitalized.

Support of Subsidiary Banks

Under Federal Reserve regulations, a bank holding company such as our Parent Company is required to act as a source of financial and managerial strength to its banking subsidiaries. This requirement was added to the Federal Deposit Insurance Act by the Dodd-Frank Act. This means that we have a statutory obligation to commit resources to State Street Bank and any other banking subsidiary in circumstances in which we otherwise might not do so absent such a requirement. In the event of bankruptcy, any commitment by us to a federal bank regulatory agency to maintain the capital of a banking subsidiary will be assumed by the bankruptcy trustee and will be entitled to a priority payment.

Insolvency of an Insured U.S. Subsidiary Depository Institution

If the FDIC is appointed the conservator or receiver of an FDIC-insured U.S. subsidiary depository institution, such as State Street Bank, upon its insolvency or certain other events, the FDIC has the ability to transfer any of the depository institution's assets and liabilities to a new obligor without the approval of the depository institution's creditors, enforce the terms of the depository institution's contracts pursuant to their terms or repudiate or disaffirm contracts or leases to which the depository institution is a party. Additionally, the claims of holders of deposit liabilities and certain claims for administrative expenses against an IDI would be afforded priority over other general unsecured claims against such an institution, including claims of debt holders of the institution and, under current interpretation, depositors in non-U.S. branches and offices, in the liquidation or other resolution of such an institution by any receiver. As a result, such persons would be treated differently from and could receive, if anything, substantially less than the depositors in U.S. offices of the depository institution.

Cybersecurity and Data Privacy

The financial services industry faces increased global regulatory focus regarding cybersecurity and data privacy. Many aspects of our businesses are subject to cybersecurity and data privacy legal and regulatory requirements enacted by U.S. federal and state governments and other non-U.S. jurisdictions. These requirements impose, among other things, mandatory cybersecurity and data privacy obligations,

including providing for individual rights, enhanced governance and accountability requirements, and significant fines and litigation risk for noncompliance. In addition, several jurisdictions have enacted or proposed localization requirements and restrictions on cross-border transfers of personal information that may restrict our ability to conduct business in those jurisdictions or create additional financial, legal and regulatory burdens to do so. For example, in the European Union, we are subject to the GDPR, which requires, among other things, a comprehensive privacy, data protection and cybersecurity program to protect the personal and sensitive data of residents of the European Economic Area. Following the withdrawal of the United Kingdom from the European Union, we are also subject to the U.K. General Data Protection Regulation (a version of the GDPR as implemented into U.K. law).

The U.S. Agencies finalized a rule in November 2021 requiring banking organizations to notify their primary federal regulators as soon as possible and no later than 36 hours after identifying a “computer-security incident” that has materially affected, or is reasonably likely to materially affect, the viability of their operations, their ability to deliver banking products and services or the stability of the financial sector. The final rule became effective April 1, 2022.

In March 2022, the Cyber Incident Reporting for Critical Infrastructure Act (CIRCIA) was signed into law and requires, among other things, the Cybersecurity and Infrastructure Security Agency (CISA) to develop and implement regulations for covered entities to report certain covered cyber incidents within 72 hours from the time the company reasonably believes the incident occurred (and within 24 hours of making a ransom payment as a result of a ransomware attack). On April 4, 2024, the CISA proposed a rule under the CIRCIA that would clarify the scope of cyber incidents to be reported and would further define covered entities subject to the CIRCIA to expressly include companies in the financial services industry that are required to report cyber incidents to their primary federal regulators, such as us and State Street Bank. In addition, the SEC adopted new rules on July 26, 2023 that require registrants to publicly disclose on a Form 8-K material cybersecurity incidents within four business days of determining that such an incident is material.

In November 2022, the European Union adopted DORA, which requires, among other things, financial institutions to follow certain rules regarding protection, detection, containment, recovery and repair capabilities with respect to information and communication technology-related incidents.

Further, the European Union also adopted the NIS 2 Directive in November 2022, which requires, among other things, operators of essential services in certain sectors, as identified by the applicable E.U. member states (which have included certain financial

sectors), to take appropriate and proportionate technical, operational and organizational security measures and notify relevant national authorities of any incidents that have a significant impact on the provision of their services without undue delay. The NIS 2 Directive required E.U. member states to transpose the NIS 2 Directive into their national laws by October 17, 2024, and on November 28, 2024, the European Commission sent a formal notice of infringement to the E.U. member states who have failed to do so, providing an additional two months to complete such transposition.

In addition, numerous jurisdictions have passed laws, rules and regulations regarding cybersecurity and data privacy risk management, and many are considering new or updated requirements that could impact our businesses, particularly as the application, interpretation and enforcement of these laws, rules and regulations are often uncertain and evolving.

Further discussion of cybersecurity and data privacy risk management is provided in “Information Technology Risk Management” included in our Management’s Discussion and Analysis in this Form 10-K.

ECONOMIC CONDITIONS AND GOVERNMENT POLICIES

Economic policies of the U.S. government and its agencies influence our operating environment. Monetary policy conducted by the Federal Reserve directly affects the level of interest rates, which may affect overall credit conditions of the economy. Monetary policy is applied by the Federal Reserve through open market operations in U.S. government securities, changes in reserve requirements for depository institutions, and changes in the discount rate and availability of borrowing from the Federal Reserve. Government regulation of banks and bank holding companies is intended primarily for the protection of depositors of the banks, rather than for the shareholders of the institutions and therefore may, in some cases, be adverse to the interests of those shareholders. We are similarly affected by the economic policies of non-U.S. government agencies, such as the ECB.

ITEM 1A. RISK FACTORS

Risk Factors

In the normal course of our business activities, we are exposed to a variety of risks. The following is a discussion of material risk factors applicable to us. Additional information about our risk management framework is included under “Risk Management” in Management’s Discussion and Analysis in this Form 10-K. Additional risks beyond those described in our Management’s Discussion and Analysis or in the following discussion may apply to our activities or operations as currently conducted, or as we may conduct them in the future, or in the markets in which

we operate or may in the future operate.

Strategic Risks

We are subject to intense competition in all aspects of our business, which could negatively affect our ability to maintain or increase our profitability.

The markets in which we operate across all facets of our business are both highly competitive and global. These markets are changing as a result of financial and technological innovation and new and evolving laws and regulations applicable to financial services institutions. Market changes, macroeconomic developments and other factors cannot always be anticipated, and may adversely affect the demand for, and profitability of, the products and services that we offer. In addition, new market entrants and competitors may address or influence changes in the markets more rapidly than we do, may have materially greater resources to invest in infrastructure and product development than we do, or may provide clients with a more attractive or cost-efficient offering of products and services, adversely affecting our business. Our efforts to develop and market new products, particularly in the “Fintech” sector including through State Street Alpha and State Street Digital or in attractive areas of focus such as wealth servicing and alternative investment management, may position us in new markets with pre-existing competitors with strong market position. We have also experienced, and anticipate that we will continue to experience, significant pricing pressure in many of our core businesses, particularly our custodial and investment management services. This pricing pressure has and may continue to impact our revenue growth and operational margins and may limit the positive impact of new client demand and growth in AUC/A. Many of our businesses compete with other domestic and international banks and financial services companies, such as custody banks, investment advisors, broker/dealers, outsourcing companies, information providers, data analytics and processing companies. Further consolidation within the financial services industry could also pose challenges to us in the markets we serve, including potentially increased downward pricing pressure across our businesses.

Some of our competitors, including our competitors in core services, have substantially greater capital resources than we do, are not subject to as stringent capital or other regulatory requirements as we are, or may not be as constrained as we are by these requirements due to the relative size of our balance sheet. In some of our businesses, we are service providers to significant competitors. These competitors are in some instances significant clients, and the retention of these clients involves additional risks, such as the

avoidance of actual or perceived conflicts of interest and the maintenance of high levels of service quality and intra-company confidentiality. Our relationships with other businesses, including competitors, necessarily involve the sharing of confidential information, and we cannot be certain, notwithstanding the existence of confidentiality obligations on the part of those other businesses, that our information will not be used to the competitive advantage of others. The ability of a competitor to offer comparable or improved products or services at a lower price would likely negatively affect our ability to maintain or increase our profitability. Many of our core services are subject to contracts that have relatively short terms or may be terminated by our client after a short notice period. In addition, pricing pressures as a result of the activities of competitors, client pricing reviews, and rebids, as well as the introduction of new products, may result in a reduction in the prices we can charge for our products and services.

We are subject to variability in our assets under custody and/or administration and assets under management, and in our financial results, due to the significant size of our relationship with many of our institutional clients, and are also subject to significant pricing pressure due to trends in the market for custodial services and the considerable market influence exerted by those clients.

Our clients include institutional investors, such as mutual funds, collective investment funds, UCITS, hedge funds and other investment pools, corporate and public retirement plans, insurance companies, official institutions, foundations, endowments and investment managers. In both our asset servicing and asset management businesses, we endeavor to attract institutional investors controlling large and diverse pools of assets, as those clients typically have the opportunity to benefit from the full range of our expertise and service offerings. Due to the large pools of assets controlled by these clients, the loss or gain of one client, or even a portion of the assets controlled by one client, or a client's decision to in-source certain services that we provide, could have a significant effect on our AUC/A or our AUM, as applicable, in the relevant period. Loss of all or a portion of the servicing of a client's assets can occur for a variety of reasons. For example, as previously disclosed in early 2021, due to a decision to diversify providers, one of our large asset servicing clients is moving a significant portion of its ETF assets currently with State Street to one or more other providers. The transition began in 2022. Prior to the commencement of the transition of assets, we estimated that the financial impact of this transition represented approximately 1.9% of our 2021 total fee revenue. Our AUM or AUC/A are also affected by decisions by institutional owners to favor or disfavor certain investment instruments or categories.

Similarly, if one or more clients change the asset class in which a significant portion of assets are invested (e.g., by shifting investments from emerging markets to the United States), those changes could have a significant effect on our results of operations in the relevant period, as our fee rates often change based on the type of asset classes we are servicing or managing. As our fee revenue is significantly impacted by our levels of AUC/A and AUM, changes in levels of different asset classes could have a corresponding significant effect on our results of operations in the relevant period. Large institutional clients also, by their nature, are often able to exert considerable market influence, and this, combined with strong competitive forces in the markets for our services, has resulted in, and may continue to result in, significant pressure to reduce the fees we charge for our services in both our asset servicing and asset management lines of business. Our historical focus on the segments of the market for investor services represented by very large asset managers and asset owners causes us to be particularly impacted by this industry trend. Many of these large clients are also under competitive and regulatory pressures that are driving them to manage the expenses that they and their investment products incur more aggressively, which in turn exacerbates their pressures on our fees. As a result, the servicing fees we generate from any particular client, or any specific client mandate over time, may be less than the servicing fees we expect as a result of that client or mandate at the time we win that business.

Development and completion of new products and services, including State Street Alpha and those related to wealth servicing, alternative investment management or digital assets or incorporating artificial intelligence, may impose costs on us, involve dependencies on third parties and may expose us to increased risks.

Our financial performance depends, in part, on our ability to develop and market new and innovative services and to adopt or develop new technologies that differentiate our products, appeal to varied market segments or provide cost efficiencies, while avoiding increased related expenses. This dependency is exacerbated in the current “Fintech” environment, where financial institutions are investing significantly in evaluating new technologies, such as distributed ledger technology (e.g., blockchain and artificial intelligence), and developing potentially industry-changing products, services and standards. The introduction of new products and services can require significant time and resources, including regulatory approvals and the development and implementation of technical data management, control and model validation requirements and effective security and resiliency elements. New products and services, such as State Street Alpha and those related to wealth servicing, alternative investment management or digital assets or

incorporating artificial intelligence, often also involve dependencies on third parties to, among other things, access innovative technologies, develop new distribution channels or form collaborative product and service offerings, and can require complex strategic alliances and joint venture relationships. Substantial risks and uncertainties are associated with the introduction of new products and services, strategic alliances and joint ventures, including rapid technological change in the industry, our ability to access and use technical, data and other information from our clients, significant and ongoing investments required to bring new products and services to market in a timely manner at competitive prices, sharing of benefits in those relationships, conflicts with existing business partners and clients, understanding third party rights, delineating ownership and exit rights, protection of intellectual property and other confidential information, competition for employees with the necessary expertise and experience, and maintaining sales and other materials that fully and accurately describe the product or service and its underlying risks and are compliant with applicable regulations. New products or services may fail to operate or perform as expected and may not be suitable for the intended client or may not produce anticipated efficiencies, savings or benefits for either the client or us. Our failure to manage these risks and uncertainties also exposes us to enhanced risk of operational lapses and third party claims, which may result in the recognition of financial statement liabilities. Regulatory and internal control requirements, capital requirements, competitive alternatives, vendor relationships and shifting market preferences may also determine if such initiatives can be brought to market in a manner that is timely and attractive to our clients. Failure to successfully manage all of the above risks in the development and implementation of new products or services, including State Street Alpha and those related to wealth servicing, alternative investment management or digital assets or incorporating artificial intelligence, could have a material adverse effect on our business and reputation, consolidated results of operations or financial condition.

Acquisitions, strategic alliances, joint ventures and divestitures pose risks for our business.

We acquire complementary businesses and technologies, enter into strategic alliances and divest portions of our business. These transactions include joint ventures that we may subsequently acquire in full, change our ownership level of or divest entirely. We undertake transactions of varying sizes to, among other reasons, gain advantages of scale, expand our geographic footprint, access new clients, distribution channels, technologies or services, enhance our operating model, expand or enhance our product offerings, develop closer or more collaborative

relationships with our business partners, efficiently deploy capital or leverage cost savings or other business or financial opportunities. We may not complete these transactions following announcement or we may not achieve the expected benefits of these transactions, which could result in increased costs, lowered revenues, ineffective deployment of capital, regulatory concerns, exit costs or diminished competitive position or reputation.

Transactions of this nature also involve a number of risks and financial, accounting, tax, regulatory, strategic, client relationship, managerial, operational, cybersecurity, cultural and employment challenges, which could adversely affect our consolidated results of operations and financial condition. For example, the businesses that we acquire or our strategic alliances or joint ventures may under-perform relative to the price paid or the resources committed by us; we may not achieve anticipated revenue growth, cost savings or operational improvements or efficiencies; or we may otherwise be adversely affected by acquisition-related charges. The intellectual property of an acquired business may be an important component of the value that we agree to pay for it. However, such acquisitions are subject to the risks that the acquired business may not own the intellectual property that we believe we are acquiring, that the intellectual property is dependent on licenses from third parties, that the acquired business infringes on the intellectual property rights of others, that the technology does not have the acceptance in the marketplace that we anticipated or that the technology requires significant investment to remain competitive. Similarly, such transactions present risks to our ability to retain the acquired clients and talent, which may be essential to achieve our financial and other objectives in the acquisition. The integration of an acquired business' information technology infrastructure into ours has in the past and may in the future also expose us to additional cybersecurity and resiliency risks. Further, past acquisitions have resulted in the recognition of goodwill and other significant intangible assets in our consolidated statement of condition. For example, we recorded goodwill and intangible assets of approximately \$2.46 billion associated with our acquisition of CRD in 2018. These assets are not eligible for inclusion in regulatory capital under applicable requirements. In addition, we may be required to record impairment in our consolidated statement of income in future periods if we determine that the value of these assets has declined. Divestitures additionally present risks of client dissatisfaction or loss, loss or restricted access to intellectual property and key talent, challenges presented by the post-divestiture operating model, contractual arrangements or responsibility for contingent or other liabilities of the divested business

or reduced opportunities due to the effects of non-competition or other restrictive covenants.

Through our acquisitions or joint ventures, we may also assume unknown or undisclosed business, operational, tax, regulatory and other liabilities, fail to properly assess known contingent liabilities or assume businesses with internal control deficiencies. While in most of our transactions we seek to mitigate these risks through, among other things, due diligence, indemnification provisions or insurance, these or other risk-mitigating provisions we put in place may not be sufficient to address these liabilities and contingencies and involve credit and execution risks associated with successfully seeking recourse from a third party, such as the seller or an insurance provider. Other major financial services firms have paid significant penalties to resolve government investigations into matters conducted in significant part by acquired entities.

Various regulatory approvals or consents, formal or informal, are generally required prior to closing of these transactions, which may include approvals, non-objections or regulatory exceptions from the Federal Reserve and other U.S. and non-U.S. regulatory authorities. These regulatory authorities may impose conditions on the completion of the acquisition or require changes to its terms that materially affect the terms of the transaction or our ability to capture some of the opportunities presented by the transaction, or may not approve, or may take substantial time to review, the transaction. Any such conditions, or any associated regulatory delays, could limit the benefits of the transaction. U.S. anti-trust and banking agencies continue to express concerns about the growth of large banking institutions, and competition authorities in many jurisdictions have increased the scrutiny and standards they apply in their review of transactions. Acquisitions or joint ventures we announce may not be completed if we do not receive the required regulatory approvals, if regulatory approvals are significantly delayed or if other closing conditions are not satisfied.

As an example, after consideration of both regulatory feedback and potential transaction modifications to address that feedback, we determined in November 2022 to no longer pursue our acquisition of the Brown Brothers Harriman's Investor Services business announced in September 2021. Any failure to complete a transaction presents reputational, counterparty and competitive risks that could affect our business, results of operations and financial condition, potentially materially, and may also challenge our ability to enter into future transactions on terms acceptable to us.

The integration and the retention and development of the benefits of our acquisitions

result in risks to our business and other uncertainties.

In recent years, we have undertaken acquisitions, including our 2024 acquisition of CF Global, our 2021 acquisition of Mercatus and our 2018 acquisition of CRD. The integration of acquisitions presents risks that differ from the risks associated with our ongoing operations. Integration activities are complicated and time consuming and can involve significant unforeseen costs. We may not be able to effectively assimilate services, technologies, key personnel or businesses of acquired companies into our business or service offerings as anticipated, and we may not achieve related revenue growth or cost savings. We also face the risk of being unable to retain, or cross-sell our products or services to, the clients of acquired companies or joint ventures and the risk of being unable to cross-sell acquired products or services to our existing clients. In particular, some clients, including significant clients, of an acquired business may have the right to transition their business to other providers on short notice for convenience, fiduciary or other reasons and may take the opportunity of the acquisition or market, commercial, relationship, service satisfaction or other developments following the acquisition to terminate, reduce or renegotiate the fees or other terms of our relationship. Any such client losses, reductions or renegotiations likely will reduce the expected benefits of the acquisition, including revenues, cross-selling opportunities and market share, cause impairment to goodwill and other intangibles or result in reputational harm, which effects could be material, and we may not have recourse against the seller of the business or the client. The risk of client loss is even greater where the client is a competitor of ours or has key strategic commercial relationships with our competitors. Acquisitions of Investment Servicing businesses entail information technology systems conversions, which involve operational risks, as well as fiduciary and other risks associated with client retention. Acquisitions of Asset Management businesses similarly involve fiduciary and similar risks associated with client retention, distribution channels and additional servicing opportunities, as well as potential cultural conflicts. Acquisitions of technology firms can involve extensive information technology integration, with associated risk of defects, security breaches and resiliency lapses and product enhancement and development activities, the costs of which can be difficult to estimate, as well as heightened cultural and compliance concerns in integrating an unregulated firm into a bank regulatory environment. Joint ventures involve all of these risks, as well as risks associated with shared control and decision-making (even in majority-owned situations), minority rights and exit rights, which can delay, challenge or

foreclose execution on material opportunities or initiatives, create regulatory risks and limit divestment opportunities.

With any acquisition, the integration of the operations and resources of the businesses could result in the loss of key employees, the disruption of our and the acquired company's ongoing businesses or inconsistencies in standards, controls, procedures or policies that could adversely affect our ability to maintain relationships with clients, business partners or employees, maintain regulatory compliance or achieve the anticipated benefits of the acquisition. Integration efforts may also divert management attention and resources.

Competition for qualified members of our workforce is intense, and we may not be able to attract and retain the personnel we need to support our business.

Our success depends, in large part, on our ability to attract and retain qualified personnel. Competition for labor in most activities in which we engage can be intense, including for both individuals identified as key talent and for other personnel. We may not be able to hire people or retain them, particularly in light of challenges associated with compensation restrictions applicable, or which may become applicable, to banks and some asset managers and that are not applicable to other financial services firms in all jurisdictions or to technology or other firms with which we compete for personnel, generally. This can be particularly constraining when competing for skill sets which are in high demand, such as technology and information security. The unexpected loss of services of personnel in business units, control functions, information technology, operations or other areas could have a material adverse impact on our business and operations because of the loss of skills, knowledge of our markets, operations and clients, years of industry experience and, in some cases, the difficulty of promptly finding qualified replacement personnel. These adverse impacts may be exacerbated by increased costs and expenses driven by the competitive labor market in several jurisdictions in which we operate, particularly with regard to the ability to meet compensation and hybrid working expectations. In addition, the loss of personnel, either individually or as a group, could adversely affect our clients' perception of our ability to continue to manage certain types of investment management or servicing mandates to provide other services to them or to maintain a culture of innovation and proficiency.

Financial Market Risks

Political, geopolitical and economic conditions and developments could adversely affect us, particularly if we face increased uncertainty and unpredictability in managing our businesses.

Domestic or international markets can suffer from substantial volatility, illiquidity, or disruption, particularly as a result of political or geopolitical events, high inflation, slowing economic growth, uncertainty associated with changes in U.S. Presidential Administrations, concerns related to the U.S. trade policy, federal debt ceiling and monetary policy uncertainty across key central banks. If such volatility, illiquidity or disruption were to result in an adverse economic environment in the United States or in international markets or result in a lack of confidence in the financial stability of major developed or emerging markets, such developments could have an adverse effect on our business, as well as the businesses of our clients and our significant counterparties, and could also increase the difficulty and unpredictability of aligning our business strategies, our infrastructure and our operating costs in light of uncertain market and economic conditions.

Market disruptions can adversely affect our consolidated results of operations if the value of our AUC/A or AUM decline, while the costs of providing the related services remain constant or increase. They may also result in investor preference trends towards asset classes and markets deemed more secure, such as cash or non-emerging markets, with respect to which our fee rates are often lower. These factors could reduce the profitability of our asset-based fee revenue and could also adversely affect our transaction-based revenue, such as revenues from securities finance and foreign exchange activities, and the volume of transactions that we execute for or with our clients. Further, the degree of volatility in foreign exchange rates can affect our foreign exchange trading revenue. In general, increased currency volatility tends to increase our market risk but also increases our opportunity to generate foreign exchange revenue. Conversely, periods of lower currency volatility tend to decrease our market risk but also decrease our foreign exchange revenue.

In addition, as our business grows globally and a significant percentage of our revenue is earned (and of our expenses paid) in currencies other than U.S. dollars, our exposure to foreign currency volatility could affect our levels of consolidated revenue, our consolidated expenses and our consolidated results of operations, as well as the value of our investment in our non-U.S. operations and our non-U.S. investment portfolio holdings. The extent to which changes in the strength of the U.S. dollar relative to other currencies affect our consolidated results of

operations, including the degree of any offset between increases or decreases to both revenue and expenses, will depend upon the nature and scope of our operations and activities in the relevant jurisdictions during the relevant periods, which may vary from period to period.

As our product offerings expand, in part as we seek to take advantage of perceived opportunities arising under various regulatory reforms and resulting market changes, the degree of our exposure to various market and credit risks will evolve, potentially resulting in greater revenue volatility.

We have significant global operations, and clients, that can be adversely impacted by disruptions in key economies, including local, regional and geopolitical developments affecting those economies.

Economic conditions across the world face continued uncertainty due to, among other things, elevated geopolitical risks in multiple regions, including Ukraine, Israel and the Middle East, among others, an uncertain monetary policy environment, and slowing growth and heightened volatility in key emerging markets. New or continued economic deterioration may increase concerns about sovereign debt sustainability, interdependencies among financial institutions and sovereigns, and political and other risks. Continued uncertainty in the external environment has led to increased concern around the near- to medium-term outlook for economic progress in the regions in which we operate, including the United States, Europe, the Middle East and Asia.

Given the scope of our global operations, economic or market uncertainty, volatility, illiquidity or disruption resulting from these and related factors could have a material adverse impact on our consolidated results of operations or financial condition, with a greater relative impact as compared to our peers.

Our investment securities portfolio, consolidated financial condition and consolidated results of operations could be adversely affected by changes in the financial markets, governmental action or monetary policy. For example, among other risks, changes in prevailing interest rates or other market conditions have led, and were they to occur in the future could further lead, to decreases in our NII or to portfolio management decisions resulting in reductions in our capital or liquidity ratios.

Our investment securities portfolio represented approximately 30% of our total assets as of December 31, 2024. The gross interest income associated with our investment portfolio represented approximately 17% of our total gross revenue for the year ended December 31, 2024 and has represented as much as 31% of our total gross revenue in the

fiscal years since 2007. As such, our consolidated financial condition and results of operations are materially exposed to the risks associated with our investment portfolio, including changes in interest rates, credit spreads, credit performance (including risk of default), and credit ratings, our access to liquidity and foreign exchange markets and mark-to-market valuations, and our ability to profitably manage changes in repayment rates of principal with respect to our portfolio securities. Uncertain economic and monetary policy environments continue to drive risks for ongoing NII volatility. Managing reinvestment for both higher and lower rate outcomes will continue to be a challenge. Our consolidated financial condition and consolidated results of operations, including our capital ratios and share repurchase program, may differ from or be exacerbated by the effects of changes in interest rates and also may be volatile and difficult to predict, presenting even further challenges. In addition, certain regulatory liquidity standards, such as the LCR, require that we maintain minimum levels of HQLA in our investment portfolio, which generally generate lower rates of return than other investment assets. This has resulted in increased levels of HQLA as a percentage of our investment portfolio and an associated negative impact on our NII and our NIM. As a result, we may not be able to attain our prior historical levels of NII and NIM. For additional information regarding these liquidity requirements, refer to the “Liquidity Coverage Ratio and Net Stable Funding Ratio” section of “Supervision and Regulation” in Business in this Form 10-K. We may enter into derivative transactions to hedge or manage our exposure to interest rate risk, as well as other risks, such as foreign exchange risk and credit risk. Derivative instruments that we hold for these or other purposes may not achieve their intended results and could result in unexpected losses or stresses on our liquidity or capital resources.

Our investment securities portfolio represents a greater proportion of our consolidated statement of condition and our loan portfolio represents a smaller proportion (approximately 12% of our total assets as of December 31, 2024), in comparison to many other major financial institutions. In some respects, the accounting and regulatory treatment of our investment securities portfolio may be less favorable to us than a more traditional held-for-investment lending portfolio. For example, under the Basel III rule, after-tax changes in the fair value of AFS investment securities are recognized in AOCI and included in Tier 1 capital. Since loans held for investment are not subject to a fair value accounting framework, changes in the fair value of loans (other than expected credit losses) are not similarly included in the determination of Tier 1 capital under the Basel III rule. Due to this differing treatment, we may experience increased variability in our Tier 1 capital relative to other major financial institutions for which loan-and-lease portfolios represent a larger

proportion of their consolidated total assets than ours. Additionally, accounting rules may constrain our ability to sell HTM securities, for example to generate liquidity in times of stress or if we are unable to monetize through repurchase agreements or use of the Federal Reserve’s discount window or other federal facilities at which we can pledge securities classified as HTM. Any decision to sell investment securities classified as HTM would likely require us to recognize all HTM securities at fair value, with any difference between amortized cost and fair value recognized in either AOCI (if transferred to AFS classification) or through earnings. Securities classified as AFS that have experienced a reduction in fair value below their amortized cost, reflect our determination, as of the relevant period end, that we did not have the intent to sell, nor was it more likely than not that we will be required to sell, any of those securities. If that determination changes in the future, we could be required to recognize a loss in earnings for the entire difference between fair value and amortized cost of those securities. Potential regulatory changes could also result in a decrease in our ability to include HQLA classified as HTM in our calculation of LCR, which could materially impact the calculation of that ratio.

Additional risks associated with our investment portfolio include:

- Asset class concentration. Our investment portfolio continues to have significant concentrations in several classes of securities, including agency residential MBS, commercial MBS and other ABS, and securities with concentrated exposure to consumers. These classes and types of securities experienced significant liquidity, valuation and credit quality deterioration during the financial crisis that began in mid-2007. We also hold non-U.S. government securities, non-U.S. MBS and ABS with exposures to European countries, whose sovereign-debt markets have experienced increased stress at times since 2011 and may continue to experience stress in the future. For further information, refer to the risk factor titled “We have significant global operations and clients, that can be adversely impacted by disruptions in key economies, including local, regional and geopolitical developments affecting those economies”. Further, we hold a portfolio of U.S. state and municipal bonds, the value of which may be affected by the budget deficits that a number of states and municipalities currently face, resulting in risks associated with this portfolio.
- Effects of market conditions. If market conditions deteriorate, our investment

portfolio could experience a decline in market value, whether due to a decline in liquidity or an increase in the yield required by investors to hold such securities, regardless of our credit view of our portfolio holdings. In addition, in general, deterioration in credit quality, or changes in management's expectations regarding repayment timing or in management's investment intent to hold securities to maturity, in each case with respect to our portfolio holdings, could result in recognition of an allowance for expected credit losses or an impairment. Similarly, if a material portion of our investment portfolio were to experience credit deterioration, our capital ratios as calculated pursuant to the Basel III rule could be adversely affected. This risk is greater with portfolios of investment securities that contain credit risk than with holdings of U.S. Treasury securities. Both AFS and HTM securities in our investment portfolio carry liquidity risk if there is lower demand for either the sale or sale under repurchase agreement of these securities.

- Effects of interest rates. Our investment portfolio is further subject to changes in both U.S. and non-U.S. (primarily in Europe) interest rates, and could be negatively affected by changes in those rates, whether or not expected. This is particularly true in the case of a quicker-than-anticipated decrease in interest rates, which would negatively affect our investment portfolio reinvestment, NII and NIM, or persistently low or negative rates of interest on certain investments. The latter has been the case, for example, with respect to past ECB monetary policy, including negative interest rates in some jurisdictions. The effect on our NII has been exacerbated by the effects in recent fiscal years of the strong U.S. dollar relative to other currencies, particularly the Euro. If European interest rates remain low or decrease and the U.S. dollar strengthens relative to the Euro, the negative effects on our NII likely will continue or increase. The overall level of NII can also be impacted by the size and mix (i.e., interest bearing vs. non-interest bearing) of our deposit base, as further increases in interest rates could lead to reduced deposit levels and also lower overall NII. Further, a reduction in deposit levels could increase the requirements under the regulatory liquidity standards requiring us to invest a greater proportion of our investment portfolio holdings in HQLA that have lower yields than other investable

assets. See also, "Our business activities expose us to interest rate risk" in this section.

Our business activities expose us to interest rate risk.

In our business activities, we assume interest rate risk by investing short-term deposits received from our clients in our investment portfolio of longer- and intermediate-term assets. Our NII and NIM, and ability to attract deposits from our clients, are affected by among other things, the levels of interest rates in global markets, changes in the relationship between short- and long-term interest rates, the direction and speed of interest rate changes and the asset and liability spreads relative to the currency and geographic mix of our interest-earning assets and interest-bearing liabilities. These factors are influenced, among other things, by a variety of economic and market forces and expectations, including monetary policy and other activities of central banks, such as the Federal Reserve and ECB, that we do not control. Our ability to anticipate changes in these factors or to hedge the related on- and off-balance sheet exposures, and the cost of any such hedging activity, can significantly influence the success of our asset and liability management activities and the resulting level of our NII and NIM. The impact of changes in interest rates and related factors will depend on the relative duration and fixed- or floating-rate nature of our assets and liabilities. Sustained lower interest rates, a flat or inverted yield curve and narrow credit spreads generally have a constraining effect on our NII. In addition, our ability to reduce deposit rates in response to declines in prevailing interest rates and other market and related factors is limited by client relationship considerations. The impact of interest rates on our investment portfolio and consolidated financial results, including AOCI, can also affect our ability to maintain our capital ratios within our target ranges as well as the amount and timing of our future share repurchases. For example, in the first half of 2022 unrealized losses on AFS securities within AOCI, driven by the significant increase in interest rates across the yield curve, contributed to a decrease in CET1 capital. For additional information about the effects on interest rates on our business, refer to the Market Risk Management section, "Asset and Liability Management Activities" in our Management's Discussion and Analysis in this Form 10-K.

We assume significant credit risk of counterparties, many of which are major financial institutions. These financial institutions and other counterparties may also have substantial financial dependencies with other financial institutions and sovereign entities. These credit exposures and concentrations could expose us to financial loss.

The financial markets are characterized by extensive interdependencies among numerous parties, including banks, central banks, broker/dealers, insurance companies and other financial institutions. These financial institutions also include collective investment funds, such as mutual funds, UCITS and hedge funds that share these interdependencies. Many financial institutions, including collective investment funds, also hold, or are exposed to, loans, sovereign debt, fixed-income securities, derivatives, counterparty and other forms of credit risk in amounts that are material to their financial condition. As a result of our own business practices and these interdependencies, we and many of our clients have concentrated counterparty exposure to other financial institutions and collective investment funds, particularly large and complex institutions, sovereign issuers, mutual funds, UCITS and hedge funds. Although we have procedures for monitoring both individual and aggregate counterparty risk, significant individual and aggregate counterparty exposure is inherent in our business, as our focus is on servicing large institutional investors.

In the normal course of our business, we assume concentrated credit risk at the individual obligor, counterparty or group level. Such concentrations may be material. Our material counterparty exposures change daily, and the counterparties or groups of related counterparties to which our risk exposure is concentrated are also variable during any reported period; our largest exposures tend to be to other financial institutions.

Concentration of counterparty exposure presents significant risks to us and to our clients because the failure or perceived weakness of our counterparties (or in some cases of our clients' counterparties) has the potential to expose us to risk of financial loss. Changes in market perception of the financial strength of particular financial institutions or sovereign issuers can occur rapidly, are often based on a variety of factors and are difficult to predict.

This was observed during the financial crisis that began in 2007-2008, when economic, market, political and other factors contributed to the perception of many financial institutions and sovereign issuers as being less credit worthy. This led to credit downgrades of numerous large U.S. and non-U.S. financial institutions and several sovereign issuers (which exposure stressed the perceived creditworthiness of financial institutions, many of which invest in, accept collateral in the form of, or value other transactions based on the debt or other securities issued by sovereigns) and substantially reduced value and liquidity in the market for their credit instruments. These or other factors could again contribute to similar consequences or other market risks associated with reduced levels of liquidity. As a result, we may be exposed to increased counterparty

risks, either resulting from our role as principal or because of commitments we make in our capacity as agent for some of our clients.

Additional areas where we experience exposure to credit risk include:

- Short-term credit: The degree of client demand for short-term credit tends to increase during periods of market turbulence, which may expose us to further counterparty-related risks. For example, investors in collective investment vehicles for which we act as a custodian may experience significant redemption activity due to adverse market or economic news. Our relationship with our clients and the nature of the settlement process for some types of payments may result in the extension of short-term credit in such circumstances. We also provide committed lines of credit to support such activity. For some types of clients, we provide credit to allow them to leverage their portfolios, which may expose us to potential loss if the client experiences investment losses or other credit difficulties.
- Industry and country risks: In addition to our exposure to financial institutions, we are from time to time exposed to concentrated credit risk at an industry or country level. This concentration risk also applies to groups of unrelated counterparties that may have similar investment strategies involving one or more particular industries, regions, or other characteristics. These unrelated counterparties may concurrently experience adverse effects to their performance, liquidity or reputation due to events or other factors affecting such investment strategies. Though potentially not material individually (relative to any one such counterparty), our credit exposures to such a group of counterparties could expose us to a single market or political event or a correlated set of events that, in the aggregate, could have a material adverse impact on our business.
- Subcustodian risks: With the exception of the United States, Canada, Germany and the United Kingdom, we maintain subcustodian relationships in all jurisdictions in which our clients invest, including emerging and other underdeveloped markets, and markets subject to sanctions. Our use of unaffiliated subcustodians exposes us to operational, reputational and regulatory risk, as we are dependent upon the subcustodians in performing several of our services to clients in those markets. Operational risk includes risks of the legal and regulatory systems and market practices of the jurisdictions in which

the subcustodians operate. Our operating model exposes us to risk of unaffiliated subcustodians to a degree greater than some of our competitors who have banking operations in more jurisdictions than we do. The risks of maintaining custody services in such markets are amplified due to evolving regulatory and sanctions requirements with respect to our financial exposures in the event those subcustodians, or we, are unable to return, transfer or reinvest clients' assets. In some regulatory regimes, such as the European Union's UCITS V directive, we are subject to requirements that we be responsible for resulting losses suffered by our clients, and we may agree to similar or more stringent standards with clients that are not subject to such regulations. In addition, to the extent we maintain currencies on our consolidated balance sheet (where the client deposit liability is with State Street and State Street, as principal, maintains cash on deposit with a subcustodian or clearing agency) or are subject to regulatory requirements to return assets placed in custody, we are also subject to the risk of credit exposure to such subcustodians and clearing agencies. Depending upon the currency and jurisdiction of the client, a significant portion of our deposit exposure in non-U.S. currencies is recognized on our consolidated balance sheet. In some jurisdictions, such as Russia, sanctions programs or government intervention inhibit our clients' and our ability to access or transfer cash or securities held for clients through subcustodians and clearing agencies. If such client deposit liabilities are on our consolidated balance sheet, we maintain a corresponding amount of cash on deposit with the subcustodian or clearing agency, which increases our credit exposure to that entity and can accumulate over time based upon distributions on, or other activities related to, our clients' assets. If the subcustodian or clearing agency were to become insolvent in circumstances not involving expropriation of assets or other circumstances that excuse performance under force majeure or other provisions, the risk of loss on such cash on deposit would be ours rather than the clients. Currently, we hold cash on deposit with our subcustodian and clearing agencies in Russia, which amount is expected to increase materially over time as long as the sanctions and other restrictions remain in effect, and which currently is subject to restrictions on our ability to access such deposits. Our

subcustodians are also directly affiliated with or are subsidiaries of large, global financial institutions with whom we have other credit exposures. This credit exposure to these financial institutions or subcustodians can limit the financial relationship we may have with these counterparties and has in the past made, and may in the future make, compliance with specific U.S. regulatory single counterparty credit limits (SCCL) more challenging. For additional information, see Note 1 to the consolidated financial statements in this Form 10-K.

- Settlement risks: We are exposed to settlement risks, particularly in our payments and foreign exchange activities. Those activities may lead to extension of credit and consequent losses in the event of a counterparty breach or an operational error, including the failure to provide credit. Due to our membership in several industry clearing or settlement exchanges, we may be required to guarantee obligations and liabilities, or provide financial support, in the event that other members do not honor their obligations or default. Moreover, not all of our counterparty exposure is secured, and even when our exposure is secured, the realizable value of the collateral may have declined by the time we exercise our rights against that collateral. This risk may be particularly acute if we are required to sell the collateral into an illiquid or temporarily-impaired market or with respect to clients protected by sovereign immunity. We are exposed to risk of short-term credit or overdraft of our clients in connection with the process to facilitate settlement of trades and related foreign exchange activities, particularly when contractual settlement has been agreed with our clients. The occurrence of overdrafts at peak volatility could create significant credit exposure to our clients depending upon the value of such clients' collateral at the time. Our settlement-related activities and obligations are also subject to regulatory risk, including the risk of regulators globally accelerating the timeline to settlement, such as the SEC's recent rule to shorten the standard settlement cycle for securities transactions in the United States from trade date plus two business days (T+2) to trade date plus one business day (T+1) in May 2024. This rule presents the risk of non-compliance, as well as careful coordination with and dependencies on other industry participants and additional risks associated with technology development and

implementation, change management and operational errors, any of which could be material in light of the magnitude and volume of our settlement-related activities and obligations. These risks will also be relevant in other jurisdictions that may similarly change their settlement cycles.

- Securities lending and repurchase agreement indemnification: On behalf of clients enrolled in our securities lending program, we lend securities to banks, broker/dealers and other institutions. In the event of a failure of the borrower to return such securities, we typically agree to indemnify our clients for the amount by which the fair market value of those securities exceeds the proceeds of the disposition of the collateral posted by the borrower in connection with such transaction. We also lend and borrow securities as principal, and in connection with those transactions receive a security interest in securities held by the borrowers in their securities portfolios and advance cash or securities as collateral to securities lenders. Borrowers are generally required to provide collateral equal to a contractually agreed percentage equal to or in excess of the fair market value of the loaned securities. As the fair market value of the loaned securities or collateral changes, additional collateral is provided by the borrower or a portion of collateral is returned to the borrower. In addition, our agency securities lending clients often purchase securities or other financial instruments from financial counterparties, including broker/dealers, under repurchase arrangements, frequently as a method of reinvesting the cash collateral they receive from lending their securities. Under these arrangements, the counterparty is obligated to repurchase these securities or financial instruments from the client at the same price (plus an agreed rate of return) at some point in the future. The value of the collateral is intended to exceed the counterparty's payment obligation, and collateral is adjusted daily to account for shortfall under, or excess over, the agreed-upon collateralization level. As with the securities lending program, we agree to indemnify our clients from any loss that would arise on a default by the counterparty under these repurchase arrangements if the proceeds from the disposition of the securities or other financial assets held as collateral are less than the amount of the repayment obligation by the client's counterparty. In such instances of counterparty default, for both securities

lending and repurchase agreements, we, rather than our client, are exposed to the risks associated with collateral value.

- Repurchase and resale transactions: We enter into repurchase and resale transactions in eligible securities with sponsored clients and with other FICC members and, pursuant to FICC Government Securities Division rules, submit, novate and net the transactions when specific netting criteria are met. We may sponsor clients to clear their eligible repurchase or resale transactions with FICC, backed by our guarantee to FICC of the prompt and full payment and performance of our sponsored member clients' respective obligations. Although we obtain a security interest from our sponsored clients in the collateral that they receive, we are exposed to the associated risks, including insufficiency of the value of collateral.
- Stable value arrangements: We enter into stable value wrap derivative contracts with unaffiliated stable value funds that allow a stable value fund to provide book value coverage to its participants. During the 2008 financial crisis, the book value of obligations under many of these contracts exceeded the market value of the underlying portfolio holdings. Concerns regarding the portfolio of investments protected by such contracts, or regarding the investment manager overseeing such an investment option, may result in redemption demands from stable value products covered by benefit-responsive contracts at a time when the portfolio's market value is less than its book value, potentially exposing us to risk of loss.
- Private equity subscription finance credit facilities: We provide credit facilities to private equity funds. The portfolio consists of capital call lines of credit, the repayment of which is dependent on the receipt of capital calls from the underlying limited partner investors in the funds managed by these firms.
- U.S. municipal obligations remarketing credit facilities: We provide credit facilities in connection with the remarketing of U.S. municipal obligations, potentially exposing us to credit exposure to the municipalities issuing such bonds and contingent liquidity risk.
- Leveraged loans: We invest in leveraged loans, both in the United States and in Europe. We invest in these loans to non-investment grade borrowers through participation in loan syndications in the non-investment grade lending market. We rate

these loans as “speculative” under our internal risk-rating framework, and these loans have significant exposure to credit losses relative to higher-rated loans. We are therefore at a higher risk of default with respect to these investments relative to other of our investments activities. In addition, unlike other financial institutions that may have an active role in managing individual loan compliance, our investment in these loans is generally as a passive investor with limited control. Over time, our allowance for credit losses related to these loans has increased, and may in the future further increase, through additional provisions for credit losses.

- Commercial real estate: We finance commercial and multi-family properties, which serve as collateral for our loans. Although collateralized, these loans may become under-secured if the value of the collateral was over-estimated or declines. Loan payments are dependent on the successful operation and management of the underlying collateral property to generate sufficient cash flow to repay the loan in a timely fashion. A material decline in real estate markets or economic conditions could negatively impact value or property performance, which could adversely impact timely loan repayment, which may result in increased provision for credit losses on loans, and actual losses, either of which would have an adverse impact on our net income. We have observed these effects in 2024 and 2023, resulting in commercial real estate-related allowance for credit losses of \$102 million as of December 31, 2024. Were conditions, or our evaluation of conditions, in those or other markets to worsen in 2025 or subsequent years, we could experience similar or more significant effects during those periods.
- Unavailability of netting: We are generally not able to net exposures across counterparties that are affiliated entities and may not be able in all circumstances to net exposures to the same legal entity across multiple products. As a consequence, we may incur a loss in relation to one entity or product even though our exposure to an entity’s affiliates or across product types is over-collateralized. In some cases, for example in our securities finance and foreign exchange activities, we are able to enter into netting agreements that allow us to net offsetting exposures and payment obligations against one another. In the event we become unable, due to operational constraints, actions by regulators, changes in

accounting principles, law or regulation (or related interpretations) or other factors, to net some or all of our offsetting exposures and payment obligations under those agreements, we would be required to gross up our assets and liabilities on our statement of condition and our calculation of RWA, accordingly. This would result in a potentially adverse impact on our regulatory ratios, including LCR, and present increased credit, liquidity, asset and liability management and operational risks, some of which could be material.

Under currently prevailing regulatory restrictions on credit exposure, we are required to limit our exposures to specific issuers or counterparties or groups of counterparties, including financial institutions and sovereign issuers. These credit exposure restrictions have and may further adversely affect certain of our businesses, may require that we expand our credit exposure to a broader range of issuers and counterparties, including issuers and counterparties that represent increased credit risk, may reduce or foreclose our ability to enter into advantageous transactions or ventures with particular counterparties and may require that we modify our operating models or the policies and practices we use to manage our consolidated statement of condition. The effects of these considerations may increase when evaluated under a stressed environment in stress testing, including CCAR. In addition, we are an adherent to the International Swaps and Derivatives Association 2015 Universal Resolution Stay Protocol and as such are subject to restrictions against the exercise of rights and remedies against fellow adherents, including other major financial institutions, in the event they or an affiliate of theirs enters into resolution. Although our overall business is subject to these factors, several of our activities are particularly sensitive to them including our currency trading business and our securities finance business. For a discussion of regulatory requirements applicable to our counterparty exposures, see “Enhanced Prudential Standards” under “Supervision and Regulation” in Business in this Form 10-K.

Given the limited number of strong counterparties in the current market, we are not able to mitigate all of our and our clients’ counterparty credit risk.

Fee revenue represents a significant majority of our consolidated revenue and is subject to decline, among other things, in the event of a reduction in, or changes to, the level or type of investment activity by our clients.

We rely primarily on fee-based services to derive our revenue. This contrasts with commercial banks that may rely more heavily on interest-based sources of revenue, such as loans. During 2024, total fee revenue represented approximately 78% of our total revenue. Fee revenue generated by our Investment

Servicing and Investment Management businesses is augmented by foreign exchange trading services, securities finance, software and processing fees and other fee revenue. The level of these fees is influenced by several factors, including the mix and volume of our AUC/A and our AUM, the value and type of securities positions held (with respect to AUC/A) and the volume of our clients' portfolio transactions, and the types of products and services used by our clients. Our fee revenue would be negatively affected, potentially materially, by a decline in the market value of client portfolios resulting from a broad market correction or otherwise, especially in equity markets.

In addition, our clients include institutional investors, such as mutual funds, collective investment funds, UCITS, hedge funds and other investment pools, corporate and public retirement plans, insurance companies, foundations, endowments and investment managers. Economic, market or other factors that reduce the level or rates of savings in or with those institutions, either through reductions in financial asset valuations or through changes in investor preferences, could materially reduce our fee revenue and have a material adverse effect on our consolidated results of operations.

If we are unable to effectively manage our capital and liquidity, including by continuously attracting deposits and other short-term funding, our consolidated financial condition, including our regulatory capital ratios, our consolidated results of operations and our business prospects, could be adversely affected.

Liquidity management, including on an intra-day basis, is critical to the management of our consolidated statement of condition and to our ability to service our client base. We generally use our liquidity to:

- meet clients' demands for return of their deposits;
- extend credit to our clients in connection with our investor services businesses; and
- fund the pool of long- and intermediate-term assets that are included in the investment securities and loan portfolio carried in our consolidated statement of condition.

Because the demand for credit by our clients, particularly settlement related extensions of credit, is difficult to predict and control, and may be at its peak at times of disruption in the securities markets, and because the average maturity of our investment securities and loan portfolios is longer than the contractual maturity of our client deposit base, we need to continuously attract, and are dependent on access to, various sources of short-term funding. Since the 2008 financial crisis, the level of client deposits held by us has tended to increase during

times of market disruption; however, since such deposits are considered to be transitory, we have historically deposited so-called excess deposits with U.S. and non-U.S. central banks and in other highly liquid instruments. These levels of excess client deposits, when they manifest, have increased our NII but have adversely affected our NIM. There can be no assurance that client behavior in a market disruption will be similar in the future or that our level of deposit funding will not decrease.

In managing our liquidity, our primary source of short-term funding is client deposits, which are predominantly transaction-based deposits by institutional investors. Our ability to continue to attract these deposits, and other short-term funding sources such as certificates of deposit, is subject to variability based on a number of factors, including volume and volatility in global financial markets, the volume of client settlement related activities, the interest rates that we are prepared to pay for these deposits, the loss or gain of one or more clients, client interest in reducing non-interest-bearing deposits, the perception of safety of these deposits or short-term obligations relative to alternative short-term investments available to our clients, including the capital markets, and the classification of certain deposits for regulatory purposes and related discussions we may have from time to time with clients regarding better balancing our clients' cash management needs with our economic and regulatory objectives.

The Parent Company is a non-operating holding company and generally maintains only limited cash and other liquid resources at any time primarily to meet anticipated near-term obligations. To effectively manage our liquidity, we routinely transfer assets among affiliated entities, subsidiaries and branches. Internal or external factors, such as regulatory requirements and standards, including resolution planning and restrictions on dividend distributions, influence our liquidity management and may limit our ability to effectively transfer liquidity internally which could, among other things, restrict our ability to fund operations, dividends or stock repurchases or pay interest on debt securities or require us to seek external and potentially more costly capital and impact our liquidity position.

In addition, while not obligations of ours, the investment products that we manage for third parties may be exposed to liquidity risks. These products may be funded on a short-term basis or the clients participating in these products may have a right to the return of cash or assets on limited notice. These business activities include, among others, securities finance collateral pools, money market and other short-term investment funds and liquidity facilities utilized in connection with municipal bond programs. If clients demand a return of their cash or assets,

particularly on limited notice, and these investment pools do not have the liquidity to support those demands, we could be forced to sell investment securities held by these asset pools at unfavorable prices, damaging our reputation as a service provider and potentially exposing us to claims related to our management of the pools.

The availability and cost of credit in short-term markets are highly dependent on the markets' perception of our liquidity and creditworthiness. Our efforts to monitor and manage our liquidity risk, including on an intra-day basis, may not be successful or sufficient to deal with dramatic or unanticipated changes in the global securities markets or other event-driven reductions in liquidity. As a result of such events, among other things, our cost of funds may increase, thereby reducing our NII, or we may need to dispose of a portion of our investment securities portfolio, which, depending on market conditions, could result in a loss from such sales of investment securities being recorded in our consolidated statement of income.

Our calculations of credit, market and operational risk exposures, total RWA and capital ratios for regulatory purposes depend on data inputs, formulae, models, correlations and assumptions that are subject to change over time, which changes, in addition to our consolidated financial results, could materially impact our risk exposures, our total RWA and our capital ratios from period to period.

To calculate our credit, market and operational risk exposures, our total RWA and our capital ratios for regulatory purposes, the current Basel III rule involves the use of current and historical data, including our own loss data and similar information from other industry participants, market volatility measures, interest rates and spreads, asset valuations, credit exposures and the creditworthiness of our counterparties. These calculations also involve the use of quantitative formulae, statistical models, historical correlations and significant assumptions. We refer to the data, formulae, models, correlations and assumptions, as well as our related internal processes, as our "advanced systems." While our advanced systems are generally quantitative in nature, significant components involve the exercise of judgment based on, among other factors, our and the financial services industry's evolving experience. Any of these judgments or other elements of our advanced systems may not, individually or collectively, precisely represent or calculate the scenarios, circumstances, outputs or other results for which they are designed or intended. Collectively, they represent only our estimate of associated risk.

In addition, our advanced systems are subject to update and periodic revalidation in response to

changes in our business activities and our historical experiences, forces and events experienced by the market broadly or by individual financial institutions, changes in regulations and regulatory interpretations and other factors, and are also subject to continuing regulatory review and approval. For example, a significant operational loss experienced by another financial institution, even if we do not experience a related loss, could result in a material change in the output of our advanced systems and a corresponding material change in our risk exposures, our total RWA and our capital ratios compared to prior periods. An operational loss that we experience could also result in a material change in our capital requirements for operational risk under the advanced approaches, depending on the severity of the loss event, its characterization among the seven Basel-defined UOM, and the stability of the distributional approach for a particular UOM. This change in our capital requirements could be without direct correlation to the effects of the loss event or the timing of such effects on our results of operations. Due to the influence of changes in our advanced systems, whether resulting from changes in data inputs, regulation or regulatory supervision or interpretation, specific to us or more general market, or individual financial institution-specific, activities or experiences, or other updates or factors, we expect that our advanced systems and our credit, market and operational risk exposures, our total RWA and our capital ratios calculated under the Basel III rule will change, and may be volatile, over time, and that those latter changes or volatility could be material as calculated and measured from period to period.

We may need to raise additional capital or debt in the future, which may not be available to us or may only be available on unfavorable terms.

We may need to raise additional capital or debt in order to maintain our credit ratings, in response to regulatory changes, including capital rules, or for other purposes, including financing acquisitions and joint ventures and optimizing capital management.

However, our ability to access the capital markets, if needed, on a timely basis or at all will depend on a number of factors, such as the state of the financial markets and securities law requirements and standards. In the event of rising interest rates, disruptions in financial markets, negative perceptions of our business or our financial strength, or other factors that would increase our cost of borrowing, we cannot be sure of our ability to raise additional capital or debt, if needed, on terms acceptable to us. Any diminished ability to raise additional capital or debt, if needed, could adversely affect our business and our ability to implement our business plan, capital plan and strategic goals, including the financing of acquisitions and joint ventures, our efforts to maintain

regulatory compliance and optimize our capital management activities.

Any downgrades in our credit ratings, or an actual or perceived reduction in our financial strength, could adversely affect our borrowing costs, capital costs and liquidity position and cause reputational harm.

Major independent rating agencies publish credit ratings for our debt obligations based on their evaluation of a number of factors, some of which relate to our performance and other corporate developments, including financings, acquisitions and joint ventures, and some of which relate to general industry conditions. For example, between November 2023 and November 2024, Moody's Investors Service advised that its outlooks for State Street Bank's long-term issuer and deposit ratings, and State Street Corporation's senior unsecured ratings, were negative. We anticipate that the rating agencies will continue to review our ratings regularly based on our consolidated results of operations and developments in our businesses, including regulatory considerations such as resolution planning. One or more of the major independent credit rating agencies have in the past downgraded, and may in the future downgrade, our credit ratings, or have negatively revised their outlook for our credit ratings. The current market and regulatory environment and our exposure to financial institutions and other counterparties, including sovereign entities, increase the risk that we may not maintain our current ratings, and we cannot provide assurance that we will continue to maintain our current credit ratings. Downgrades in our credit ratings may adversely affect our borrowing costs, our capital costs and our ability to raise capital and, in turn, our liquidity. A failure to maintain an acceptable credit rating may also preclude us from being competitive in various products.

Additionally, our counterparties, as well as our clients, rely on our financial strength and stability and evaluate the risks of doing business with us. If we experience diminished financial strength or stability, actual or perceived, due to the effects of market or regulatory developments, announced or rumored business developments, consolidated results of operations, a decline in our stock price or a downgrade to our credit rating, our counterparties may be less willing to enter into transactions, secured or unsecured, with us, our clients may reduce or place limits on the level of service we provide to them or seek to transfer the business, in whole or in part, to other service providers or our prospective clients may select other service providers. Any, or all of these may have adverse effects on our business and reputation.

The risk that we may be perceived as less creditworthy than other market participants is higher

as a result of recent market developments, which include an environment in which the consolidation, and in some instances failure, of financial institutions, including major global financial institutions, has resulted in a smaller number of much larger counterparties and competitors. If our counterparties perceive us to be a less viable counterparty, our ability to enter into financial transactions on terms acceptable to us or our clients, on our or our clients' behalf, will be materially compromised. If our clients reduce their deposits with us or select other service providers for all or a portion of the services we provide to them, our revenues will decrease accordingly.

Compliance and Regulatory Risks

Our business and capital-related activities, including our ability to return capital to shareholders and repurchase our capital stock, may be adversely affected by our implementation of regulatory capital and liquidity standards that we must meet or as a result of regulatory capital stress testing.

Basel III and Dodd-Frank Act

We are required to calculate our risk-based capital ratios under both the Basel III advanced approaches and the Basel III standardized approach, and we are subject to the more stringent of the risk-based capital ratios calculated under the advanced approaches and those calculated under the standardized approach in the assessment of our capital adequacy.

Banking regulators could change the Basel III rule or their interpretations as they apply to us, including changes to these standards or interpretations made in regulations implementing provisions of the Dodd-Frank Act, which could adversely affect us and our ability to comply with the Basel III rule.

For example, in July 2023, the U.S. Agencies issued the 2023 Basel III Endgame Proposal to implement the Basel III endgame agreement for large banks. The 2023 Basel III Endgame Proposal would introduce the expanded risk-based approach, reflecting new RWA methodologies that generally align with changes to the global Basel Accord adopted by the BCBS. The 2023 Basel III Endgame Proposal would, among other things, eliminate the current Basel III rule's advanced approaches and effectively replace it with the expanded risk-based approach, which more heavily relies on standardized methodologies. As compared with the standardized approach, the proposed expanded approach includes more granular risk weights for credit risk and introduces a new market risk framework. In addition, the proposed expanded risk-based approach includes new standardized approaches for operational risk and CVA RWA components.

For additional information on these requirements, including the 2023 Basel III Endgame Proposal and its potential re-proposal, refer to the “Regulatory Capital Adequacy and Liquidity Standards” section under “Supervision and Regulation” in Business in this Form 10-K.

Along with the Basel III rule, banking regulators also introduced additional requirements, such as the SLR, LCR and NSFR, each of which presents compliance risks.

For example, these regulatory requirements could have a material effect on our business activities, including the management and composition of our investment securities portfolio and our ability to extend credit through committed facilities, loans to our clients or our principal securities lending activities as the structure of our balance sheet changes. In addition, further capital and liquidity requirements are being implemented or are under consideration by U.S. and international banking regulators. Any of these rules, or any additional regulatory initiatives introduced under the current administration, could have a material effect on our capital and liquidity planning and related activities, including the management and composition of our investment securities portfolio and our ability to extend committed contingent credit facilities to our clients. The full effects of these rules, and of other regulatory initiatives related to capital or liquidity, on us and State Street Bank are subject to further regulatory guidance, action or rule-making.

In implementing various aspects of these capital and liquidity regulations, we are making interpretations of the regulatory intent. The Federal Reserve may determine that we are not in compliance with their expectations regarding the capital rules or the liquidity rules and may require us to take actions to come into compliance that could adversely affect our business operations, our regulatory capital structure, our capital ratios or our financial performance, or otherwise restrict our growth plans or strategies.

Systemic Importance

As a G-SIB, we are generally subject to the most stringent provisions under the Basel III rule. For example, we are subject to the Federal Reserve’s rules on the implementation of capital surcharges for U.S. G-SIBs, and on TLAC, LTD and clean holding company requirements for U.S. G-SIBs which we refer to as the “TLAC rule”. For additional information on these requirements, including the 2023 G-SIB Surcharge Proposal, refer to the “Regulatory Capital Adequacy and Liquidity Standards” section under “Supervision and Regulation” in Business in this Form 10-K.

Not all of our competitors have similarly been designated as systemically important nor are all of them subject to the same degree of regulation as a bank or financial holding company, and therefore

some of our competitors are not subject to the same additional capital requirements.

Supervisory Stress Testing and Capital Planning

We are required by the Federal Reserve to conduct periodic stress testing of our business operations and to develop an annual capital plan and are subject to supervisory stress testing, all as part of the Federal Reserve’s stress testing and capital planning processes. The stress testing and capital planning processes, the severity and other characteristics of which may evolve from year-to-year, are used by the Federal Reserve to evaluate our management of capital and the adequacy of our regulatory capital and to determine the SCB that we must maintain above our minimum regulatory capital requirements in order for us to make capital distributions and discretionary bonuses without limitation. The results of the supervisory stress testing process are difficult to predict due, among other things, to the Federal Reserve’s use of proprietary stress models that differ from our internal models. The results of the Federal Reserve’s supervisory stress tests may result in an increase in our SCB requirement. The amounts of the planned capital actions in our capital plan in any year, including stock repurchases and dividends, may be substantially reduced from the amounts included in prior capital plans. These reductions may reflect changes in one or more different factors, including our business prospects and related capital needs, our capital position, proposed acquisitions or other uses of capital, the models used in our capital planning process, the supervisory models used by the Federal Reserve to stress our balance sheet, the Federal Reserve’s hypothetical economic scenarios for the supervisory stress testing process, the Federal Reserve’s stress testing instructions and the Federal Reserve’s supervisory expectations for the capital planning process. Any of these potential events could require us, as applicable, to revise our stress-testing or capital-management approaches, resubmit our capital plan or postpone, cancel or alter our planned capital actions. In addition, changes in our business strategy, merger or acquisition activity or uses of capital could result in a change in our capital plan and its associated capital actions, and may require us to resubmit our capital plan to the Federal Reserve, which could prompt the Federal Reserve to recalculate our SCB requirement. We are also subject to asset quality reviews and stress testing by the ECB and in the future we may be subject to similar reviews and testing by other regulators.

Our implementation of capital and liquidity requirements may not be approved or may be objected to by the Federal Reserve, and the Federal Reserve may impose capital requirements in excess of our expectations or require us to maintain levels of liquidity that are higher than we may expect and

which may adversely affect our consolidated revenues. In the event that our implementation of capital and liquidity requirements under regulatory initiatives, or our current capital structure is determined not to conform with current and future capital requirements, our ability to deploy capital in the operation of our business or our ability to distribute capital to shareholders or to repurchase our capital stock may be constrained, and our business may be adversely affected. In addition, we may choose to forgo business opportunities, due to their impact on our capital plan or stress tests, including our SCB requirement. Likewise, in the event that regulators in other jurisdictions in which we have banking subsidiaries determine that our capital or liquidity levels do not conform with current and future regulatory requirements, our ability to deploy capital, our levels of liquidity or our business operations in those jurisdictions may be adversely affected.

For additional information about the above matters, refer to “Regulatory Capital Adequacy and Liquidity Standards” under “Supervision and Regulation” in Business and “Capital” under “Financial Condition” in our Management’s Discussion and Analysis in this Form 10-K.

We face extensive and changing government regulation and supervision in the U.S. and non-U.S. jurisdictions in which we operate, which may increase our costs and expose us to risks related to compliance.

Most of our businesses are subject to extensive regulation and supervision by multiple regulatory and supervisory bodies, and many of the clients to which we provide services are themselves subject to a broad range of regulatory requirements. These regulations may affect the scope of, and the manner and terms of delivery of, our services. As a financial institution with substantial international operations, we are subject to extensive regulation and supervisory oversight, both inside and outside of the U.S. This regulation and supervisory oversight affects, among other things, the scope of our activities and client services, our capital operational and organizational structures, our ability to fund the operations of our subsidiaries, our lending practices, our dividend policy, our common share repurchase actions, the manner in which we market our services, our acquisition activities and our interactions with foreign regulatory agencies and officials.

In particular, we are registered with the Federal Reserve as a bank holding company pursuant to the Bank Holding Company Act of 1956. The Bank Holding Company Act generally limits the activities in which we and our non-banking subsidiaries may engage to managing or controlling banks and to activities considered to be closely related to banking. As a bank holding company that has elected to be

treated as a financial holding company under the Bank Holding Company Act, we and some of our non-banking subsidiaries may also engage in a broader range of activities considered to be “financial in nature.” Financial holding company status may be denied if we and our banking subsidiaries do not remain well capitalized and well managed or fail to comply with Community Reinvestment Act obligations.

We are unable to predict what, if any, changes to the regulatory environment may be enacted by Congress, both chambers of which will have a majority from the same political party, or the new presidential administration and what the impact of any such changes will be on our results of operations or financial condition, including increased expenses or changes in the demand for our services or our ability to engage in transactions, to expand our business or operate in non-United States jurisdictions, or on the U.S.-domestic or global economies or financial markets.

Moreover, the turnover of the presidential administration is expected to result in certain changes in the leadership and senior staffs of the federal banking agencies. Such changes are likely to impact the rulemaking, supervision, examination and enforcement priorities and policies of the agencies. In addition, changes in key personnel at the agencies that regulate such banking organizations, including the federal banking agencies, may result in differing interpretations of existing rules and guidelines and potentially different enforcement priorities than previously. The potential impact of any changes in agency personnel, policies, priorities and interpretations on the financial services sector, including us, cannot be predicted. Furthermore, fiduciary, anti-competitive, voting power, governance, and other concerns with ESG investment strategies, as well as corporate sustainability and diversity, equity and inclusion practices and programs, continue to be the subject of legislative, regulatory and administrative debate globally, particularly at the federal and state level in the United States, the outcomes of which could impact both our asset management business and the clients that we service, as well as, our investment servicing activities more broadly and our corporate activities, practices and programs. Additional attention or publicity associated with our asset management business due to this debate may result in additional scrutiny of, and litigation or regulatory enforcement regarding, those or other of our asset management activities or our corporate, Investment Servicing or other activities, practices or programs.

We expect that our business will remain subject to extensive regulation and supervision. Several other aspects of the regulatory environment in which we operate, and related risks, are discussed below.

Additional information is provided under “Supervision and Regulation” in Business in this Form 10-K.

Resolution Planning

We are required to periodically submit a plan for rapid and orderly resolution in the event of material financial distress or failure commonly referred to as a resolution plan or a living will to the Federal Reserve and the FDIC under Section 165(d) of the Dodd-Frank Act. Through resolution planning, we seek, in the event of insolvency, to maintain State Street Bank’s role as a key infrastructure provider within the financial system, while minimizing risk to the financial system and maximizing value for the benefit of our stakeholders. Significant management attention and resources are devoted in an effort to meet regulatory expectations with respect to resolution planning.

In the event of material financial distress or failure, our preferred resolution strategy is the SPOE Strategy. Our resolution plan, including our implementation of the SPOE Strategy with a secured support agreement, may result in significant risks, including that: (1) the SPOE Strategy and the obligations under the related secured support agreement may result in the recapitalization of and/or provision of liquidity to State Street Bank and our other material entities and the commencement of bankruptcy proceedings by the Parent Company at an earlier stage of financial stress than might otherwise occur without such mechanisms in place; (2) as an expected effect of the SPOE Strategy, together with applicable TLAC regulatory requirements, our losses will be imposed on Parent Company shareholders and the holders of long-term debt and other forms of TLAC securities currently outstanding or issued in the future by the Parent Company, as well as on any other Parent Company creditors, before any of our losses are imposed on the holders of the debt securities of State Street Bank or certain of the Parent Company’s other operating subsidiaries or any of their depositors or creditors and before U.S. taxpayers are put at risk; (3) there can be no assurance that there would be sufficient recapitalization resources available to ensure that State Street Bank and our other material entities are adequately capitalized following the triggering of the requirements to provide capital and/or liquidity under the secured support agreement; and (4) there can be no assurance that credit rating agencies, in response to our resolution plan or the secured support agreement, will not downgrade, place on negative watch or change their outlook on our debt credit ratings, generally or on specific debt securities. Additional information about the SPOE Strategy, including related risks, is provided under “Recovery and Resolution Planning” in Business in this Form 10-K.

Systemic Importance

Our qualification in the United States as a SIFI, and our designation by the Financial Stability Board as a G-SIB, to which certain regulatory capital surcharges may apply, subjects us to incrementally higher capital and prudential requirements, increased scrutiny of our activities and potential additional regulatory requirements or heightened regulatory expectations as compared to those applicable to some of the financial institutions with which we compete as a custodian or asset manager. This qualification and designation also has significantly increased, and may continue to increase, our expenses associated with regulatory compliance, including personnel and systems, as well as implementation and related costs to enhance our programs.

Global and Non-U.S. Regulatory Requirements

The breadth of our business activities, together with the scope of our global operations and varying business practices in relevant jurisdictions, increase the complexity and costs of meeting our regulatory compliance obligations, including in areas that are receiving significant regulatory scrutiny. We are, therefore, subject to related risks of non-compliance, including fines, penalties, lawsuits, regulatory sanctions, difficulties in obtaining governmental approvals, limitations on our business activities or reputational harm, any of which may be significant. For example, the global nature of our client base requires us to comply with complex laws and regulations of multiple jurisdictions relating to economic sanctions and money laundering. In addition, we are required to comply not only with the U.S. Foreign Corrupt Practices Act, but also with the applicable anti-corruption laws of other jurisdictions in which we operate. Beyond the risks of non-compliance, these requirements potentially expose us to increased counterparty credit risk and exposures to our clients created due to complications associated with compliance, including country risk, market risk, restrictions on asset transfers and inability to access assets. Further, our global operating model requires that we comply with information security, resiliency and outsourcing oversight requirements, including with respect to affiliated entities, of multiple jurisdictions and enable our clients to comply with information security, resiliency and outsourcing oversight requirements imposed upon them. Regulatory scrutiny of compliance with these and other laws and regulations is increasing and may, in some respects, impede the implementation of our global operating model that is central to both delivery of client service requirements and cost efficiency. We sometimes face inconsistent laws and regulations across the various jurisdictions in which we operate. The evolving regulatory landscape may interfere with our ability to conduct our operations, hamper our

pursuit of a common global operating model or impede our ability to compete effectively with other financial institutions operating in those jurisdictions which may be subject to different regulatory requirements than apply to us. In particular, non-U.S. regulations and initiatives that may be inconsistent or conflict with current or proposed regulations in the United States could create increased compliance and other costs that would adversely affect our business, operations or profitability. Geopolitical events also have the potential to increase the complexity and cost of regulatory compliance.

In addition to U.S. regulatory initiatives, we are further affected by non-U.S. regulatory initiatives, including the implementation of the Basel prudential framework, the E.U. Digital Operational Resilience Act, Corporate Sustainability Reporting Directive and Sustainable Finance Disclosures Regulation, as well as proposals for amending the AIFM Directive and under the Capital Markets Union Action Plan. Recent, proposed or potential regulations in the United States and European Union with respect to the supervision of digital assets and of climate and environmental risks, short-term wholesale funding, such as repurchase agreements or securities lending, or other non-bank finance activities, could also adversely affect not only our own operations but also the operations of the clients to which we provide services. Concerns regarding the liquidity and valuation of prime money market funds and similar products, as well as potential related regulation, may adversely impact the cash management products we offer. In addition, anti-competitive, voting power, governance and other concerns with passive investment strategies continue to be the subject of legislative and regulatory debate which could significantly impact both our asset management business and the clients that we service.

Consequences of Regulatory Environment and Compliance Risks

Domestic and international regulatory reform could limit our ability to pursue certain business opportunities, increase our regulatory capital requirements, alter the risk profile of certain of our core activities and impose additional costs on us, otherwise adversely affect our business, our consolidated results of operations or financial condition and have other negative consequences, including, a reduction of our credit ratings. Different countries may respond to the market and economic environment in different and potentially conflicting manners, which could increase the cost of compliance for us.

The evolving regulatory environment, including changes to existing regulations and the introduction of new regulations, may also contribute to decisions we may make to suspend, reduce or withdraw from existing businesses, activities, markets or initiatives.

In addition to potential lost revenue associated with any such suspensions, reductions or withdrawals, any such suspensions, reductions or withdrawals may result in significant restructuring or related costs or exposures or may result in inefficiencies or increased costs due to associated changes in our operating model.

If we do not comply with governmental regulations, we may be subject to fines, penalties, lawsuits, delays, or difficulties in obtaining regulatory approvals or restrictions on our business activities or harm to our reputation, which may significantly and adversely affect our business operations and, in turn, our consolidated results of operations. The willingness of regulatory authorities to impose meaningful sanctions, and the level of fines and penalties imposed in connection with regulatory violations, has increased substantially since the 2008 financial crisis. Regulatory agencies may, at times, limit our ability to disclose their findings, related actions or remedial measures. Similarly, many of our clients are subject to significant regulatory requirements and retain our services in order for us to assist them in complying with those legal requirements. Changes in these regulations can significantly affect the services that we are asked to provide, as well as our costs.

Adverse publicity and damage to our reputation arising from the failure or perceived failure to comply with legal, regulatory or contractual requirements could affect our ability to attract and retain clients. If we cause clients to fail to comply with any regulatory requirements, we may be liable to them for losses and expenses that they incur. In recent years, regulatory oversight and enforcement have increased substantially, imposing additional costs and increasing the potential risks associated with our operations. If this regulatory trend continues, it could continue to adversely affect our operations and, in turn, our consolidated results of operations and financial condition.

For additional information, see the risk factor “Our businesses may be adversely affected by government enforcement and litigation.”

Our businesses may be adversely affected by government enforcement and litigation.

The businesses in which we operate are highly-regulated and subject to extensive external scrutiny that may be directed generally to participants in the businesses or markets in which we are involved or may be specifically directed at us, including as a result of whistleblower and qui tam claims. In the course of our business, we are frequently subject to various regulatory, governmental and law enforcement inquiries, investigative demands and subpoenas, and from time to time, our clients, or the government on its own behalf or on behalf of our

clients or others, make claims and take legal action relating to, among other things, our performance of our fiduciary, contractual, legal or regulatory responsibilities. Often, the announcement of any such matters, or of any settlement of a claim or action, whether it involves us or others in our industry, may spur the initiation of similar claims by other clients or governmental parties. Regulatory authorities have, and are likely to continue to, initiate cross industry reviews when a notable issue is identified at a financial institution. Such inquiries involve costs and management time and may lead to proceedings relating to our own activities.

Regardless of the outcome of any governmental enforcement or litigation matter, responding to such matters is time-consuming and expensive and can divert the attention of senior management and lead to unfavorable publicity. Governmental enforcement and litigation matters can involve claims for disgorgement, demands for substantial monetary damages, the imposition of civil or criminal penalties, and the imposition of remedial sanctions or other required changes in our business practices, any of which could result in increased expenses, loss of client demand for our products or services, or harm to our reputation. The exposure associated with any proceedings that may be threatened, commenced or filed against us could have a material adverse effect on our consolidated results of operations for the period in which we establish a reserve with respect to such potential liability or upon our reputation. In government settlements since the 2008 financial crisis, the fines imposed by authorities have increased substantially and may exceed in some cases the profit earned or harm caused by the regulatory or other breach. For example, in 2021, we paid a \$115 million penalty to the office of the United States Attorney for the District of Massachusetts to resolve potential criminal claims arising from the previously disclosed invoicing matter. In addition, in connection with the resolution of a transition management matter, we agreed to pay a fine of £22.9 million (approximately \$37.8 million) to the U.K. FCA in 2014 and fines of \$32.3 million to each of the Department of Justice and the SEC in 2017. As a further example, we paid an aggregate of \$575 million in 2016 to resolve a series of investigations and governmental and private claims alleging that our indirect foreign exchange rates prior to 2008 were not adequately disclosed or were otherwise improper. These matters have also resulted in regulatory focus on the manner in which we charge clients and related disclosures. This focus may lead to increased and prolonged governmental inquiries and client, qui tam and whistleblower claims associated with the amount and disclosure of compensation we receive for our products and services.

Moreover, U.S., including federal and state, and certain international governmental authorities have increasingly brought criminal actions against financial institutions, and criminal prosecutors have increasingly sought and obtained criminal guilty pleas, deferred prosecution agreements or other criminal sanctions from financial institutions. For example, in 2017 we entered into a deferred prosecution agreement with the U.S. Department of Justice in connection with the resolution of a transition management matter and in May 2021, we entered into a deferred prosecution agreement with the office of the U.S. Attorney for the District of Massachusetts in connection with the invoicing matter and such agreement could increase the likelihood that governmental authorities will seek criminal sanctions against us in pending proceedings or future litigation legal proceedings. Government authorities may also pursue criminal claims against current or former employees, and these matters can, among other things, involve continuing reputational harm to us. For example, four of our former employees were indicted by U.S. prosecutors on charges of criminal conspiracy in connection with their involvement in the transition management matter. Two of these individuals pled guilty, and a third was convicted in 2018.

In many cases, we are required or may choose to report inappropriate or non-compliant conduct to the authorities, and our failure or delay to do so may represent an independent regulatory violation or be treated as an indication of non-cooperation with governmental authorities. Even when we promptly report a matter, we may nonetheless experience regulatory fines, liabilities to clients, harm to our reputation or other adverse effects. Moreover, our settlement or other resolution of any matter with any one or more regulators or other applicable party may not forestall other regulators or parties in the same or other jurisdictions from pursuing a claim or other action against us with respect to the same or a similar matter.

For more information about current contingencies relating to legal proceedings, see Note 13 to the consolidated financial statements in this Form 10-K. The resolution of certain pending or potential legal or regulatory matters could have a material adverse effect on our consolidated results of operations for the period in which the relevant matter is resolved or an accrual is determined to be required, on our consolidated financial condition or on our reputation.

In view of the inherent difficulty of predicting the outcome of legal and regulatory matters, we cannot provide assurance as to the outcome of any pending or potential matter or, if determined adversely against us, the costs associated with any such matter, particularly where the claimant seeks very large or

indeterminate damages or where the matter presents novel legal theories, involves a large number of parties, involves the discretion of governmental authorities in seeking sanctions or negotiated resolution or is at a preliminary stage. We may be unable to accurately estimate our exposure to the risks of legal and regulatory contingencies when we record reserves for probable and estimable loss contingencies. As a result, any reserves we establish may not be sufficient to cover our actual financial exposure. Similarly, our estimates of the aggregate range of reasonably possible loss for legal and regulatory contingencies are based upon then-available information and are subject to significant judgment and a variety of assumptions and known and unknown uncertainties. The matters underlying the estimated range will change from time to time, and actual results may vary significantly from the estimate at any time.

Our businesses may be adversely affected by increased and conflicting political and regulatory scrutiny of asset management, stewardship and corporate sustainability or ESG practices in the jurisdictions in which we operate.

Our Investment Management line of business provides investment management strategies and products that may incorporate the consideration of sustainability or ESG factors into the investment process. For clients and fund investors who want an investment solution that purposefully takes into consideration sustainability or ESG factors, we offer investment funds and strategies that consider sustainability or ESG factors as a material component of the investment strategy or index methodology. Where clients have delegated to us authority to vote securities on their behalf at shareholder meetings of the public companies held in their investment portfolios, we may also take into consideration sustainability or ESG issues that we believe are relevant to the long-term performance of the companies in which our clients invest. As part of our asset stewardship program, we regularly engage with representatives of companies held in client portfolios, and these engagements may involve discussion of risks and opportunities relating to sustainability or ESG issues relevant to these companies. We have also become members of various organizations focused on climate change and other sustainability or ESG issues.

Our sustainability- or ESG-related investment management practices and historical memberships in certain climate-oriented investor groups have recently become the subject of significant scrutiny by regulatory agencies and government officials. Certain U.S. officials have suggested that sustainability- or ESG-related investing practices, including memberships in certain climate-oriented investor groups, may result in violations of law – including

antitrust laws – and breaches of fiduciary duty. Views on sustainability or ESG practices, particularly those related to climate issues, have also become political issues, which can amplify the reputational risks associated with such allegations. Overall expectations of our stakeholders, including regulators and clients, outside the United States, particularly in Europe, concerning sustainability or ESG issues can be markedly different from expectations in the United States. Given we conduct our asset stewardship activities on a global basis, conflicting U.S. and non-U.S. global expectations complicate our ability to mitigate the risks. We have received information requests from various government entities in connection with their investigations of sustainability or ESG investing practices and memberships in certain climate-oriented investor groups. We are, therefore, subject to related risks of non-compliance with relevant legal requirements, including fines, penalties, lawsuits, regulatory sanctions, difficulties in obtaining governmental approvals, limitations on our business activities or reputational harm, any of which may be significant. We also face potential risks presented by the adoption of proposed rules currently under consideration by the SEC, which would impose new disclosure requirements and naming conventions for ESG-related funds and new disclosure requirements for SEC-registered investment advisors. Regulations in other jurisdictions could have similar effects or present conflicting or inconsistent regulatory obligations across jurisdictions. We also face potential risks associated with the enactment of various state laws aimed at sustainability- or ESG-related investing practices and proxy voting. Governmental enforcement action could also spark civil litigation claims by clients and fund shareholders asserting violations of law, fiduciary duties and contractual obligations. Regardless of the outcome of any governmental enforcement or litigation matter, responding to such matters is time-consuming and expensive and can divert the attention of senior management. In Europe, we are subject to potential fines and other regulatory consequences if regulators conclude we are not managing or reducing climate risk consistent with their expectations, not only in our own operations, but also through the vendors we use and, potentially, the clients we service.

State law and/or political pressure may also prevent governmental clients from using service providers, such as us, either as asset manager or investment servicer, if the legislators or governmental officials in such jurisdictions believe our sustainability- or ESG-related practices are not consistent with requirements under state law or the views of such legislators or officials.

Adverse publicity and damage to our reputation arising from the failure or perceived failure to comply with legal, regulatory or contractual requirements

could affect our ability to attract and retain clients. Moreover, aside from any governmental enforcement or litigation activity, public criticism levelled at sustainability or ESG investing practices, including memberships in certain climate-oriented investor groups, could result in reduced investor demand for sustainability- or ESG-related products, which could in turn negatively effect our assets under management and resulting fee revenues.

As a general matter, large index fund providers, such as State Street Global Advisors, have been and are expected to continue to be subject to legislative and regulatory proposals, litigation or investigations from both sides of the political spectrum due to a perception that they exert inappropriate influence over publicly traded companies.

For additional information, see the risk factor “Our businesses may be adversely affected by government enforcement and litigation.”

Any theft, loss, damage to or other misappropriation or inadvertent disclosure of, or inappropriate access to, the confidential information we possess could have an adverse impact on our business and could subject us to regulatory actions, litigation and other adverse effects.

Our businesses and relationships with clients are dependent on our ability to maintain the confidentiality of our and our clients’ trade secrets and other confidential information (including client transactional and holdings data and personal data about our clients, our clients’ clients and our employees). Although we are not aware of any material incidents to date, unauthorized access, or failure of our controls with respect to granting access to our systems, or failure of our other data loss prevention controls, have in the past occurred and may in the future occur, resulting in theft, loss, damage to or other misappropriation of such information. Our personnel or our vendors have in the past and may in the future, inadvertently or deliberately, disclose client or other confidential information and our systems or systems of our vendors have in the past or may in the future be inadvertently or deliberately exploited resulting in disclosure of client or other confidential information. Any theft, loss, damage to other misappropriation or inadvertent disclosure of confidential information could have a material adverse impact on our competitive position, our relationships with our clients and our reputation and could subject us to regulatory inquiries, enforcement and fines, civil litigation and possible financial liability or costs. To the extent any of these events involve personal information, the risks of enhanced regulatory scrutiny and the potential financial liabilities are exacerbated, particularly under data protection regulations such as the GDPR.

Changes in accounting standards may adversely affect our consolidated financial statements.

New accounting standards, or changes to existing accounting standards, resulting both from initiatives of the FASB as well as changes in the interpretation of existing accounting standards potentially could affect our consolidated results of operations, cash flows and financial condition. These changes can materially affect how we record and report our consolidated results of operations, cash flows, financial condition and other financial information. In some cases, we could elect, or be required, to apply a new or revised standard retroactively, resulting in the revised treatment of certain transactions or activities, and, in some cases, the revision of our consolidated financial statements for prior periods. For additional information regarding changes in accounting standards, refer to the “Recent Accounting Developments” section of Note 1 to the consolidated financial statements in this Form 10-K.

Changes in tax laws, rules or regulations, challenges to our tax positions with respect to historical transactions, and changes in the composition of our pre-tax earnings may increase our effective tax rate and thus adversely affect our consolidated financial statements.

Our businesses can be directly or indirectly affected by new tax legislation, the expiration of existing tax laws or the interpretation of existing tax laws worldwide. The U.S. federal and state governments and jurisdictions around the world continue to review and enact proposals to amend tax laws, rules and regulations, including those related to corporate and global minimum taxes, applicable to our businesses that could have a negative impact on our capital or after-tax earnings. In the normal course of our business, we are subject to review by U.S. and non-U.S. tax authorities. A review by any such authority could result in an increase in our recorded tax liability. In addition to the aforementioned risks, our effective tax rate is dependent on the nature and geographic composition of our pre-tax earnings and could be negatively affected by changes in these factors.

We could face liabilities for withholding and other non-income taxes as a result of tax authority examinations.

In addition to income tax, we are at present, and in the future will be, under audit or other examination, and litigation or other dispute resolution proceedings, with U.S. and non-U.S. tax authorities regarding non-income-based tax matters. Our interpretations or application of tax laws and regulations, including with respect to withholding, transfer, wage, sales, use, stamp, value added, service and other non-income taxes, could differ from that of the relevant governmental taxing authority, or we may experience

timing or other compliance deficiencies in connection with our efforts to comply with applicable tax laws and regulations, which could result in the requirement to pay additional taxes, penalties and/or interest, which could be material. Our tax exposure may also be impacted by tax positions taken by our clients and counterparties.

Our businesses may be negatively affected by adverse publicity or other reputational harm.

Our relationship with many of our clients is predicated on our reputation as a fiduciary and a service provider that adheres to the highest standards of ethics, service quality and regulatory compliance, as well as a leading provider of the products and services we offer. Adverse publicity, regulatory actions or fines, litigation, operational failures, loss of client opportunities or market share, the failure to meet client expectations or fiduciary or other obligations or poor financial performance could materially and adversely affect our reputation, our ability to attract and retain clients or key employees or our sources of funding for the same or other businesses. For example, over the past decade we have experienced adverse publicity with respect to our indirect foreign exchange trading, and this adverse publicity has contributed to a shift of client volume to other foreign exchange execution methods. Similarly, governmental actions and reputational issues in our transition management business in the United Kingdom have adversely affected our transition management revenue and, with criminal convictions or guilty pleas of three of our former employees in 2018 and the deferred prosecution agreement we entered into in early 2017 and the related SEC settlement, these effects have the potential to continue. The client invoicing matter we announced in late 2015, and the related deferred prosecution agreement entered into in May 2021, have had similar effects. For additional information about these matters, see the risk factor “Our businesses may be adversely affected by government enforcement and litigation.”

Preserving and enhancing our reputation also depends on maintaining systems, procedures and controls that address known risks, regulatory standards and client expectations, as well as our ability to timely identify, understand and mitigate additional risks that arise due to changes in our businesses and the marketplaces in which we operate, the regulatory environment and client business practices.

Operational, Cyber and Technology Risks

Any failures of or damage to, attack on or unauthorized access to our information technology systems or facilities or disruptions to our continuous operations, including the systems, facilities or operations of third parties with which we do business, such as resulting from cyber-attacks, could result in significant costs and reputational damage and impact our ability to conduct our business activities.

Our businesses depend on information technology infrastructure, both internal and external, to, among other things, record and process a large volume of increasingly complex transactions and other data, in many currencies, on a daily basis, across numerous and diverse markets and jurisdictions and to maintain that data securely. In recent years, several financial services firms have suffered successful cyber-attacks launched both domestically and from abroad, resulting in the disruption of services to clients, loss or misappropriation of sensitive or private data and reputational harm. We also have been the target of certain cyber-attacks, and although we have not to our knowledge suffered a material breach or suspension of our systems, it is possible that we could suffer such a breach or suspension in the future or that we may be unaware of a prior attack. Cyber-threats are sophisticated and continually evolving. We may not implement effective systems and other measures to effectively identify, detect, prevent, mitigate, recover from or remediate all potential cyber-threats or improve and adapt such systems and measures as such threats evolve and advance.

A failure to protect the technology infrastructure, systems and information of ours, our clients or others against cybersecurity threats, could result in the theft, loss, unauthorized access to, disclosure, misuse or alteration of information, system failures or outages or loss of access to information. The expectations of our clients and regulators with respect to the resiliency of our systems and the adequacy of our control environment with respect to such systems has and is expected to increase as the risk of cyber-attacks, which is presently elevated due to the current geopolitical environment and global human capital footprint at State Street, and the consequences of those attacks become more pronounced. We may not be successful in meeting those expectations or in our efforts to identify, detect, prevent, mitigate and respond to such cyber-attacks or for our systems to recover in a manner that does not disrupt our ability to provide services to our clients. The failure to maintain an adequate technology infrastructure and applications with effective cybersecurity controls could impact operations, adversely affect our financial results, result in loss of business, damage our reputation or impact our ability to comply with

regulatory obligations, leading to regulatory fines and sanctions. We may be required to expend significant additional resources to investigate or remediate vulnerabilities or other exposures arising from cybersecurity threats.

Our networks, technology systems, facilities and information have suffered and in the future may suffer disruptions or otherwise fail to operate properly or become disabled, overloaded or damaged as a result of a number of factors, including events that are wholly or partially beyond our control, which can adversely affect our ability to process transactions, provide services, maintain systems availability, maintain information security, comply with internal controls or regulations or otherwise appropriately conduct our business activities. For example, in addition to cyber-attacks, there could be sudden increases in transaction or data volumes, electrical or telecommunications outages, natural disasters, or employee or contractor error or malfeasance. Third parties may also attempt to place individuals within State Street or fraudulently induce employees, vendors, clients or other users of our systems to disclose sensitive information in order to gain access to our systems or data or that of our clients or other parties. Any such disruptions or failures may require us, among other things, to reconstruct lost data (which may not be possible), reimburse our clients' costs associated with such disruption or failure, result in loss of client business or damage our information technology infrastructure or those of our clients or other parties. While we have not in the past suffered material harm or adverse effects from such disruptions or failures, we may not successfully prevent, respond to or recover from such disruptions or failures in the future, and any such disruption or failure could adversely impact our ability to conduct our businesses, damage our reputation and cause losses, potentially materially.

The third parties with which we do business, which facilitate our business activities, to whom we outsource operations or other activities, from whom we receive products or services or with whom we otherwise engage or interact, including financial intermediaries and technology infrastructure and service providers, are also susceptible to the foregoing risks (including the third parties with which they are similarly interconnected or on which they otherwise rely), and our or their business operations and activities have been and may in the future be adversely affected, perhaps materially, by failures, terminations, errors or malfeasance by, or attacks or constraints on, one or more financial, technology, infrastructure or government institutions or intermediaries with whom we or they are interconnected or conduct business.

In particular, we, like other financial services firms, will continue to face increasing cyber-threats,

including computer viruses, malicious code, distributed denial of service attacks, phishing attacks, ransomware, hacker attacks, limited availability of services, unauthorized access, information security breaches or employee or contractor error or malfeasance that could result in the unauthorized release, gathering, monitoring, misuse, loss or destruction of our, our clients' or other parties' confidential, personal, proprietary or other information or otherwise disrupt, compromise or damage our or our clients' or other parties' business assets, operations and activities. These and similar types of threats are occurring globally with greater frequency and intensity, and we may not anticipate or implement effective preventative measures against, or identify and detect one or more, such threats, particularly because the techniques used change frequently or may not be recognized until after they are launched. Our status as a G-SIB likely increases the risk that we are the target of such cyber-attacks. In addition, some of our service offerings, such as data warehousing, may also increase the risk that we are, and the consequences of being, targeted. We may be required to expend significant additional resources to investigate or remediate vulnerabilities or other exposures arising from cybersecurity threats. We therefore could experience significant related costs and legal and financial exposures, including lost or constrained ability to provide our services or maintain systems availability for clients, regulatory inquiries, enforcements, actions and fines, litigation, damage to our reputation or property and enhanced competition.

Due to our dependence on technology and the important role it plays in our business operations, we are attempting to improve and update our information technology infrastructure, among other things: (1) as some of our systems are approaching the end of their useful life, are redundant or do not share data without reconciliation; (2) to be more efficient, meet increasing client and regulatory security, resiliency and other expectations and support opportunities of growth; and (3) to enhance resiliency and maintain business continuity. Updating these systems involves material costs and often involves implementation, integration and security risks, including risks that we may not adequately anticipate the market or technological trends, regulatory expectations or client needs or experience unexpected challenges that could cause financial, reputational and operational harm. Failing to properly respond to and invest in changes and advancements in technology can limit our ability to attract and retain clients, prevent us from offering similar products and services as those offered by our competitors, impair our ability to maintain continuous operations, inhibit our ability to meet regulatory requirements and subject us to regulatory inquiries, the result of which could be

significant costs or limitations on our business activities.

Our business may be negatively affected by risks associated with strategic initiatives we are employing to enhance the effectiveness and efficiency of our operations and of our cybersecurity and technology infrastructure.

In order to maintain and grow our business, we must make strategic decisions about our current and future business plans and effectively execute upon those plans. Strategic initiatives that we are currently developing or executing against include cost initiatives, enhancements and efficiencies to our operational processes, improvements to existing and new service offerings and enhancements to existing and development of new information technology and other systems. Implementing strategic programs and creating cost efficiencies involves certain strategic, technological, operational and regulatory risks. Many features of our present initiatives include investment in systems integration and new technologies and also the development of new, and the evolution of existing, methods and tools to accelerate the pace of innovation, the introduction of new services and enhancements to the resiliency of our systems and operations. These initiatives also may fail to meet increasing regulatory and client expectations, may take longer than anticipated to implement and may result in increases in operating losses, inadvertent data disclosures or other operating errors. Further, savings achieved as a result of operational, systems or other business process or organizational initiatives may not persist for the anticipated periods. We may not have sufficient resources to complete all of the systems development or projects that might enhance our product capabilities, resiliency of our operations or cost initiatives and, consequently, management makes judgments as to the priority to give to competing initiatives. In implementing these programs, we have material dependencies on third parties with contractual limits on their responsibilities to us. The transition to new operating processes and cybersecurity or technology infrastructure may also cause disruptions in our relationships with clients and employees or loss of institutional understanding and may present other unanticipated technical or operational hurdles. In addition, the relocation to or expansion of servicing activities and other operations in different geographic regions or vendors may entail client, regulatory and other third party data use, storage and security challenges, as well as other regulatory compliance, business continuity and other considerations. As a result, we may not achieve some or all of the anticipated cost savings, process improvement, compliance or other benefits and may experience unanticipated challenges from clients, regulators or other parties or reputational harm. Further, some new products and services may quickly

be superseded in the marketplace, after significant investment by us, by more effective innovative technologies or solutions to which we may not have access. In addition, some systems development initiatives may not have access to significant resources or management attention and, consequently, may be delayed or unsuccessful. Many of our systems require enhancements to meet the requirements of evolving regulation and marketplace demands, to enhance security and resiliency and decommission obsolete technologies, to permit us to optimize our use of capital or to reduce the risk of operating error. In addition, the implementation of complex products and services, such as State Street Alpha, wealth servicing, digital asset servicing or incorporating artificial intelligence requires substantial systems development and expense. We may not have the resources to pursue all of these objectives simultaneously.

Our risk management framework, models and processes may not be effective in identifying or mitigating risk and reducing the potential for related losses, and a failure or circumvention of our controls and procedures, or errors or delays in our operational and transaction processing, or those of third parties, could have an adverse effect on our business, financial condition, operating results and reputation.

We have in the past failed and may in the future fail to identify and manage risks related to a variety of aspects of our business, including operational risk and resiliency, information technology risk, cybersecurity, interest rate risk, foreign exchange risk, fiduciary risk, legal and compliance risk, liquidity risk and credit risk. We have adopted various risk frameworks, controls, procedures, policies and systems to monitor and manage risk. We cannot provide assurance that those frameworks, controls, procedures, policies and systems are or will be adequate to identify and mitigate internal and external risks, including risks related to third-party service providers, in our various businesses and corporate functions. The risk of individuals, either employees or contractors, engaging in conduct harmful or misleading to clients or to us, such as consciously circumventing established control mechanisms, for example to exceed trading or investment management limitations, commit fraud or improperly sell products or services to clients, is particularly challenging to manage through a risk framework, controls or other measures. In addition, we are subject to increasing resiliency risk and client and regulatory expectations, requiring continuous reinvestment, enhancement and improvement in and of our information technology and operational infrastructure, controls and personnel which may not be effectively or timely deployed or integrated. Moreover, the financial and reputational impact of control or conduct failures can be significant. Transitions to new or evolving operational systems or

processes or to new technologies, and the introduction of new products and services client types or jurisdictions, can exacerbate these risks. Persistent or repeated issues with respect to controls, information technology and resiliency or individual conduct have raised and may in the future raise concerns among regulators regarding our culture, governance and control environment. There can be no assurance that our efforts to address such risks will be effective. While we seek to effectively manage risks and their adverse impacts to our business, financial condition, operating results and reputation, the degree of protection that we are able to achieve varies, and our potential exposure may be greater than the revenue we anticipate that we will earn from servicing our clients.

In addition, our businesses and the markets in which we operate are continuously evolving. We will need to make additional investments to develop an appropriate operational infrastructure and to enhance our risk management frameworks and capabilities to support our businesses through their evolution, which may increase the operating expenses of such businesses. Moreover, we may fail to identify or fully understand the implications of changes in our businesses or the financial markets and fail to adequately or timely enhance our risk framework to address those changes. To the extent that our risk framework is ineffective, either because it fails to keep pace with changes in the financial markets, regulatory or industry requirements, technology and cybersecurity developments, our businesses, our counterparties, clients or service providers or for other reasons, we could incur losses, suffer reputational damage or find ourselves out of compliance with applicable regulatory or contractual mandates or expectations, and subject to regulatory inquiry or action against us.

Operational risk is inherent in all of our business activities. As a leading provider of services to institutional investors, we provide a broad array of services that expose us to operational risk and potential loss resulting from inadequate or failed internal processes, employee supervision or monitoring mechanisms, service-provider processes or other systems or controls, which could materially affect our future consolidated results of operations. In addition, these services generate a broad array of complex and specialized servicing, confidentiality and fiduciary requirements, many of which involve the opportunity for human, systems or process errors. We face the risk that the policies, procedures and controls we have established to, among other things, manage operational, cyber, and technology risks, will fail or be inadequate, in whole or in part, to mitigate risk and may become outdated. Additionally, several of our processes for specific clients, often large clients with a high volume and large magnitude of transactions and activities, are bespoke and require

additional attention, oversight and controls which involve an enhanced risk of episodic or continued failure as well as additional costs. Given the volume and magnitude of transactions we process on a daily basis, and our overall AUCA and AUM, operational losses represent a potentially significant financial risk for our business. Operational errors that result in us remitting funds to a failing or bankrupt entity may be irreversible, and may subject us to losses. In addition to the financial losses associated with operational errors, these errors present the risk of client dissatisfaction and loss and reputational risk.

We may also be subject to disruptions from external events that are wholly or partially beyond our control, which could cause delays or disruptions to operational functions, including information processing and financial market settlement functions. In addition, our clients, vendors and counterparties could suffer from such events. Should these events affect us, or the clients, vendors or counterparties with which we conduct business, our consolidated results of operations could be negatively affected.

When we record balance sheet accruals for probable and estimable loss contingencies related to operational losses, we may be unable to accurately estimate our potential exposure, and any accruals we establish to cover operational losses may not be sufficient to cover our actual financial exposure, which could have a material adverse effect on our consolidated results of operations.

Outsourcing of work to global hub locations may expose us to increased operational risk and reputational harm and may not result in expected cost savings.

We manage our operations and expenses across a global model, which may include migrating certain business processes and business support functions to emerging market-based geographic hub locations, such as India, Poland and China, and by outsourcing to vendors and joint ventures in various jurisdictions. This effort, which includes our recent consolidation of our joint ventures in India, exposes us to the risk that we may not effectively transition the relevant processes and activities, and that we may not maintain service quality, control and effective management or business resiliency within these operations during and after transitions. These migrations also involve risks that our outsourcing vendors or joint ventures may not comply with their servicing and other contractual obligations to us, including with respect to indemnification and information security, and to the risk that we may not satisfy applicable regulatory responsibilities regarding the management and oversight of outsourcing providers, joint ventures and other third parties. Our geographic footprint also exposes us to the relevant macroeconomic, political, legal and similar risks generally involved in doing business in the jurisdictions in which we establish lower-cost

locations or joint ventures or in which our outsourcing vendors locate their operations, particularly in locations where we have a concentration of our operational activities, such as India, Poland and China. The increased elements of risk that arise from certain operating processes being conducted in some jurisdictions could lead to an increase in reputational risk. Given changes in client perception of geopolitical risk, clients may question or object to some or many of our services for them being conducted in particular jurisdictions. During periods of transition of operations, either directly or via changes in ownership, greater operational risk and client concerns exist with respect to maintaining a high level of service delivery and business continuity. The extent and pace at which we are able to move functions to lower-cost locations, joint ventures and outsourcing providers may also be affected by political, regulatory and client acceptance issues, including with respect to data use, storage and security. Such relocation or outsourcing of functions also entails costs, such as technology, real estate and restructuring expenses, which may offset or exceed the expected financial benefits of the relocation or outsourcing. In addition, the financial benefits of lower-cost locations and of outsourcing may diminish over time or could be offset in the event that the United States or other jurisdictions impose tax, trade barrier or other measures which seek to discourage the use of lower cost jurisdictions.

Long-term contracts expose us to increased operational risk, pricing and performance risk.

We frequently enter into long-term client servicing contracts in our Investment Servicing business, including with respect to our State Street Alpha services. These include outsourcing and other core services contracts and can involve information technology development. These arrangements generally set forth our fee schedule for the term of the contract and, absent a change in service requirements, do not permit us to re-price the contract for changes in our costs or for market pricing. The long-term contracts for these relationships require, in some cases, considerable up-front investment by us, including technology and conversion costs, and carry the risk that pricing for the products and services we provide might not prove adequate to generate expected operating margins over the term of the contracts.

The profitability of these contracts is largely a function of our ability to accurately calculate pricing for our services, efficiently assume our contractual responsibilities in a timely manner, control our costs and maintain the relationship with the client for an adequate period of time to recover our up-front investment. Our estimate of the profitability of these arrangements can be adversely affected by declines in or inaccurate projections of the assets under the clients' management, whether due to general declines in the securities markets or client-specific

issues. In addition, the profitability of these arrangements may be based on our ability to cross-sell additional services to these clients, and we may be unable to do so. In addition, such contracts may permit early termination or reduction in services in the event that certain service levels are not met, which termination or service reduction may result in loss of upfront investment in onboarding the client.

Performance risk exists in each contract, given our dependence on successful conversion and implementation onto our own operating platforms of the service activities provided. Our failure to meet specified service levels or implementation timelines may also adversely affect our revenue from such arrangements, or permit early termination of the contracts by the client. If the demand for these types of services were to decline, we could see our revenue decline.

The quantitative models we use to manage our business may contain errors that result in inadequate risk assessments, inaccurate valuations or poor business and risk management decisions, and lapses in disclosure controls and procedures or internal control over financial reporting could occur, any of which could result in material harm.

We use quantitative models to help manage many different aspects of our businesses. As inputs to our overall assessment of capital adequacy, outputs of models are used to measure the amount of credit risk, market risk and operational risk we face. We also use models for interest rate risk management and liquidity planning. During the preparation of our consolidated financial statements, we sometimes use models to measure the value of asset and liability positions for which reliable market prices are not available. We also use models to support many different types of business decisions including trading activities, investment, credit underwriting, hedging, asset and liability management and whether to change business strategy. We also use artificial intelligence, generative artificial intelligence and machine learning models to automate or enhance certain business processes. Weaknesses in the underlying model including input data, assumptions, parameters, or implementation, as well as inappropriate model use, could result in unanticipated and adverse consequences, including material loss and material non-compliance with regulatory requirements or expectations. Because of our widespread usage of models, potential weaknesses in our model risk management practices pose an ongoing risk to us.

We also use quantitative models in our risk measurement and may fail to accurately quantify the magnitude of the risks we face. Our measurement methodologies rely on many assumptions and

historical analyses and correlations. These assumptions may be incorrect, and the historical correlations on which we rely may not continue to be relevant. Consequently, the measurements that we make for regulatory purposes may not adequately capture or express the true risk profiles of our businesses. Moreover, as businesses and markets evolve, our measurements may not accurately reflect this evolution. While our risk measures may indicate sufficient capitalization, they may underestimate the level of capital necessary to conduct our businesses.

Additionally, our disclosure controls and procedures may not be effective in every circumstance, and, similarly, it is possible we may identify a material weakness or significant deficiency in internal control over financial reporting. Any such lapses or deficiencies may materially and adversely affect our business and consolidated results of operations or consolidated financial condition, restrict our ability to access the capital markets, require us to expend significant resources to correct the lapses or deficiencies, expose us to regulatory or legal proceedings, subject us to fines, penalties or judgments or harm our reputation.

We may not be able to protect our intellectual property, and we are subject to claims of third-party intellectual property rights.

Our potential inability to protect our intellectual property and proprietary technology effectively may allow competitors to duplicate our technology and products and may adversely affect our ability to compete with them. To the extent that we do not protect our intellectual property effectively through patents, maintaining trade secrets or other means in all of the jurisdictions in which we operate or market our products and services, other parties, including former employees, with knowledge of our intellectual property may seek to exploit our intellectual property for their own or others' advantage. In addition, we may infringe on claims of third-party patents, and we may face intellectual property challenges from other parties, including clients or service providers with whom we may engage in the development or implementation of other products, services or solutions or to whose information we may have access for limited permitted purposes but with whom we also compete. The risk of such infringement is enhanced in the current competitive "Fintech" environment, particularly with respect to our development of new products and services containing significant technology elements and dependencies, any of which could become the subject of an infringement claim. We may not be successful in defending against any such challenges or in obtaining licenses to avoid or resolve any intellectual property disputes. Third-party intellectual rights, valid or not, may also impede our deployment of the full scope of our products and service capabilities in all

jurisdictions in which we operate or market our products and services.

Our reputation and business prospects may be damaged if investors in the collective investment pools we sponsor or manage incur substantial losses in these investment pools or are restricted in redeeming their interests in these investment pools.

We manage assets on behalf of clients in several forms, including in collective investment pools, money market funds, securities finance collateral pools, cash collateral and other cash products and short-term investment funds. Our management of collective investment pools exposes us to reputational risk and operational losses. If investors incur substantial investment losses in these pools, receive redemptions as in-kind distributions rather than in cash, or experience significant under-performance relative to the market or our competitors' products, our reputation could be significantly harmed, which harm could significantly and adversely affect the prospects of our associated business units. Because we often implement investment and operational decisions and actions over multiple investment pools to achieve scale, we face the risk that losses, even small losses, may have a significant effect in the aggregate.

Within our Investment Management business, we manage investment pools, such as mutual funds exchange traded funds and collective investment funds, that generally offer investors the ability to redeem their investments on relatively short notice, in many cases daily. This feature requires that we manage those pools in a manner that takes into account both maximizing the long-term return on the investment pool and retaining sufficient liquidity to meet reasonably anticipated liquidity requirements of investors in such investment pools and regulatory requirements. The importance of maintaining liquidity varies by product type, but it is a particularly important feature in certain money market funds and other products designed to maintain a constant net asset value of \$1.00. In the past, we have imposed restrictions on cash redemptions from the agency lending collateral pools, as the per-unit market value of those funds' assets had declined below the constant \$1.00 the funds employ to effect purchase and redemption transactions. Both the decline of the funds' net asset value below \$1.00 and the imposition of restrictions on redemptions had a significant client, reputational and regulatory impact on us, and the recurrence of such or similar circumstances in the future could adversely impact our consolidated results of operations and financial condition. We have also in the past continued to process purchase and redemption of units of investment products designed to maintain a constant net asset value at \$1.00 although the fair market value of the fund's assets

were less than \$1.00. If in the future we were to continue to process purchases and redemptions from such products at \$1.00 when the fair market value of our collateral pools' assets is less than \$1.00, we could be exposed to significant liability and our reputation could be harmed.

If higher than normal demands for liquidity from investors were to occur, managing the liquidity requirements of our collective investment pools could become more difficult. If such liquidity problems were to recur, our relationships with our clients and reputation with investors more generally may be adversely affected, and, we could, in certain circumstances, be required to consolidate the investment pools into our consolidated statement of condition, levels of redemption activity could increase, and our consolidated results of operations and business prospects could be adversely affected. In addition, if a money market fund that we manage were to have unexpected liquidity demands from investors in the fund that exceeded available liquidity, the fund could be required to sell assets to meet those redemption requirements, and selling the assets held by the fund at fair market value, if at all, may then be difficult.

Because of the size of the investment pools that we manage, we may not have the financial ability or regulatory authority to support the liquidity or other demands of the investors in such investment pools. Any decision by us to provide financial support to an investment pool to support our reputation in circumstances where we are not statutorily or contractually obligated to do so could result in the recognition of significant losses, could adversely affect the regulatory view of our capital levels or plans and could, in some cases, require us to consolidate the investment pools into our consolidated statement of condition. Any failure of the pools to meet redemption requests, or under-performance of our pools relative to similar products offered by our competitors, could harm our business and our reputation.

We may incur losses arising from our investments in sponsored investment funds, which could be material to our consolidated results of operations in the periods incurred.

In the normal course of business, we manage various types of sponsored investment funds through State Street Global Advisors. The services we provide to these sponsored investment funds generate management fee revenue, as well as servicing fees from our other businesses. From time to time, we may invest in the funds, which we refer to as seed capital, in order for the funds to establish a performance history for newly launched strategies. These funds may meet the definition of variable interest entities, as defined by U.S. GAAP, and if we

are deemed to be the primary beneficiary of these funds, we may be required to consolidate these funds in our consolidated financial statements under U.S. GAAP. The funds follow specialized investment company accounting rules which prescribe fair value for the underlying investment securities held by the funds.

In the aggregate, we expect any financial losses that we realize over time from these seed investments to be limited to the actual amount invested in the consolidated fund. However, in the event of a fund wind-down, gross gains and losses of the fund may be recognized for financial accounting purposes in different periods during the time the fund is consolidated but not wholly owned. Although we expect the actual economic loss to be limited to the amount invested, our losses in any period for financial accounting purposes could exceed the value of our economic interests in the fund and could exceed the value of our initial seed capital investment.

In instances where we are not deemed to be the primary beneficiary of the sponsored investment fund, we do not include the funds in our consolidated financial statements. Our risk of loss associated with investment in these unconsolidated funds primarily represents our seed capital investment, which could become realized as a result of poor investment performance. However, the amount of loss we may recognize during any period would be limited to the carrying amount of our investment.

Climate change may increase the frequency and severity of major weather events and the ongoing transition to a low carbon economy may drive regulatory and business model change that could adversely affect our business operations and resiliency, our clients, our counterparties or other financial market participants and could adversely affect our consolidated results of operations and financial condition.

Our businesses and the activities of our clients, our counterparties and financial market participants on which we and they rely could be adversely affected by major weather events, changing climate patterns or other disruptions caused by climate change affecting the regions, countries and locations in which we or they have operations or other interests. Potential events or disruptions of this nature include significant rainfall, flooding, increased frequency or intensity of wildfires, prolonged drought, rising sea levels and rising heat index. These events or disruptions, alone or in combination, also have the potential to strain or deplete infrastructure and response capabilities with respect to other weather events, such as hurricanes and other storms. The occurrence of any one or more of these events may negatively affect our clients', our counterparties' or financial markets participants' (including providers of

financial market infrastructure's) facilities, operations or personnel or may otherwise disrupt our or their business activities and resiliency capabilities, including our or their provision of products and services or the value of our or their portfolio investments, perhaps materially. These consequences, including a reduction in asset values affecting the levels of our AUC/A or AUM and repricing of credit risk of our counterparties or reflected in our portfolio assets, could materially adversely affect our results of operations or financial condition.

In addition, impacts associated with a climate transition, including climate change-related legislative and regulatory initiatives and expectations, retrofitting of assets, purchasing carbon credits or paying carbon taxes, may result in operational changes and additional expenditures that could adversely affect us. For example, on October 24, 2023, the U.S. Agencies jointly issued guidance on climate-related financial risk management for large institutions, which applies to us. Our reputation and business prospects may also be damaged if we do not, or are perceived not to, effectively prepare for the potential business and operational opportunities and risks associated with climate change, including through the development and marketing of effective and competitive new products and services designed to address our clients' climate risk-related needs. These risks include negative market perception, diminished sales effectiveness and regulatory and litigation consequences associated with "greenwashing" claims or driven by association with clients, industries or products that may be inconsistent with our stated positions on climate change issues.

Disclosure requirements and expectations related to sustainability or ESG are increasing, evolving and may diverge across jurisdictions. Our inability to meet these requirements and expectations or to provide related information to clients facing similar requirements could cause regulatory or reputational harm and affect our ability to attract and retain clients.

Requirements and expectations related to disclosures around sustainability or ESG topics continue to increase globally. These requirements are distinct of typical financial reporting constructs, given their focus on the disclosure of future sustainability- or ESG-related goals and targets, the strategy and governance designed to achieve those targets, and reporting of relevant metrics delineating progress towards those targets. Additionally, sustainability- or ESG-related disclosure requirements may use different definitions of materiality than those used for financial statement disclosures, including a focus on so-called "double materiality", which can evaluate a sustainability or ESG matter as material, regardless

of its direct affect on State Street, based on the broader societal impact of the matter.

Given evolving requirements and the associated standards, methodologies, processes, and controls related to sustainability- and ESG-related disclosures which may impact State Street or its clients, diverging requirements across jurisdictions, and distinct definitions and standards for materiality which could result in conflicting disclosures across frameworks, we may make incorrect or incomplete or fail to make required disclosures which may result in regulatory or reputational consequences or which may directly or indirectly impact our ability to attract and retain clients.

We may incur losses or face negative impacts on our business and operations as a result of unforeseen events, including terrorist attacks, geopolitical events, acute or chronic physical risk events, natural disasters, pandemics, global conflicts or a banking crisis which may have a negative impact on our business and operations.

Acts of terrorism, natural disasters or the emergence of a new pandemic could significantly affect our business. We have instituted disaster recovery and continuity plans to address risks from terrorism, natural disasters and pandemics; however, anticipating or addressing all potential contingencies is not possible for events of this nature. Acts of terrorism, either targeted or broad in scope, or natural disasters could damage our physical facilities, harm our employees and disrupt our operations. A pandemic, or concern about a possible pandemic, could lead to operational difficulties and impair our ability to manage our business. Acts of terrorism, natural disasters and pandemics could also negatively affect our clients, counterparties and service providers, as well as result in disruptions in general economic activity and the financial markets.

ITEM 1B. UNRESOLVED STAFF COMMENTS

None.

ITEM 1C. CYBERSECURITY

Cybersecurity risk is an integral part of our enterprise risk management and is managed as part of our overall information technology risk under the direction of our Chief Information Security Officer (CISO). Our CISO is an executive vice president at State Street and is responsible for our overall information security program.

Before joining State Street, our CISO worked at a global information technology firm for more than 10 years, holding various positions, including senior vice president and chief security officer, and, prior to that, chief information security officer for that firm's software division. Earlier on, she held leadership and general manager roles at an information management firm and an information security firm, each based in both the United States and Europe. She has worked with the World Economic Forum as a member of their Global Future Council on Cybersecurity. She holds a Doctor of Philosophy in information security and a Bachelor of Science in computer science.

We recognize the significance of cyber-attacks and take steps to mitigate the risks associated with them. We invest in building and maintaining a mature cybersecurity program to leverage people, technology and processes to protect our systems and the data in our care. We have also implemented a program to help us better measure and manage cybersecurity risk, including those risks we face when we engage third parties for products and services.

We design our information and systems access restrictions referencing the National Institute of Standards and Technology 800 53R5 and NIST CSF 2.0 Framework and use the supplemental requirements as implementation guidance. Our information security policies and standards are reviewed and updated for new regulatory changes and/or mandates. These standards are applicable to all corporate functions, business units, subsidiaries and controlled affiliates across the enterprise. Annual audits are conducted by internal and external parties to measure compliance and adherence to the standards.

All employees and third parties that have access to our systems or networks are required to adhere to our cybersecurity policy and standards. Our centralized information security group provides education and training. This training includes a required annual online training class for all employees and third parties that have access to our systems or networks, multiple simulated phishing attacks and regular information security awareness materials. Every employee and contractor has a defined role in protecting systems and information of State Street, our clients and others. They are responsible for complying with the information security program, reporting suspected violations and threats; and protecting the confidentiality of information assets of us, our clients and others at all times.

We employ Information Security Officers to help the business better understand and manage their information security risks, as well as to work with the centralized Global Cybersecurity team to drive awareness and compliance throughout the business.

We use independent third parties to perform ethical hacks of key systems and penetration tests of our network and certain applications to help us better understand the effectiveness of our controls and to implement more effective controls, and we engage with third parties to conduct reviews of our overall program to help us better align our cybersecurity program with what is required of a large financial services organization.

We have an incident response program in place that is designed to enable a coordinated response to mitigate the impact of cyber-attacks, recover from the attack and to drive the appropriate level of communication to internal and external stakeholders, including timely reporting of material incidents in accordance with SEC rules.

The TORC, an executive management committee, assesses and manages the effectiveness of our cybersecurity program, which is overseen by the TOPS of our Board. The TOPS receives regular cybersecurity updates throughout the year and is responsible for reviewing and approving the cybersecurity policy on an annual basis. We have not identified any risks from known cybersecurity threats, including as a result of any prior cybersecurity incidents, that have materially affected or are reasonably likely to materially affect us, including our operations, business strategy, results of operations or financial condition.

Additional information about our risk management governance and structure, including enterprise risk management, as well as information technology specific risk management and governance, is provided under the "Governance and Structure" and "Information Technology Risk Management" sections of Risk Management included in Item 7, Management's Discussion and Analysis in this Form 10-K.

ITEM 2. PROPERTIES

As of December 31, 2024 and 2023, we occupied a total of approximately 5.7 million and 5.4 million square feet, respectively, of office space, data centers and related facilities worldwide, of which approximately 4.9 million and 4.6 million square feet, respectively, were leased. Our headquarters is located at One Congress Street, Boston, Massachusetts. Various divisions of our two lines of business as well as support functions occupy approximately 517 thousand square feet leased in this building, which is a non-cancellable lease that expires in August 2038. An additional approximate 1.4 million square feet is occupied in Eastern Massachusetts of which approximately 720 thousand square feet is owned. Outside the United States, we also occupy other principal leased space to support our operations in Europe, the Middle East and Africa (EMEA), including Germany, Ireland, Luxembourg, Poland, and the United Kingdom, and in Asia-Pacific, including China and India. The following table provides information regarding our principal office space, data centers and related facilities by region as of December 31, 2024:

	Number of locations			Approximate Square Footage (in millions)		
	Owned	Leased	Total	Owned	Leased	Total
Americas	1	35	36	0.7	1.8	2.5
Europe/Middle East/Africa	1	30	31	0.1	1.1	1.2
Asia/Pacific	—	38	38	—	2.0	2.0
Total	2	103	105	0.8	4.9	5.7

We believe that our owned and leased facilities globally are suitable and adequate for our business needs. We do not delineate our facilities by line of business as they are occupied by both. Additional information about our occupancy costs, including commitments under non-cancellable leases, is provided in Note 20 to the consolidated financial statements included under Item 8 in this Form 10-K.

ITEM 3. LEGAL PROCEEDINGS

The information required by this Item is provided under “Legal and Regulatory Matters” in Note 13 to the consolidated financial statements in this Form 10-K, and is incorporated herein by reference.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

INFORMATION ABOUT OUR EXECUTIVE OFFICERS

The following table presents certain information with respect to each of our executive officers as of February 13, 2025.

Name	Age	Position
Ronald P. O'Hanley	67	Chairman, Chief Executive Officer and President
Eric W. Aboaf	60	Vice Chairman and Chief Financial Officer
Joerg Ambrosius	54	Executive Vice President and President of Investment Services
Anthony C. Bisegna	61	Executive Vice President and Head of State Street Global Markets
Ann Fogarty	58	Executive Vice President and Head of Global Delivery
Brian Franz	59	Executive Vice President, Chief Information Officer and Head of Enterprise Resiliency
Kathryn M. Horgan	59	Executive Vice President and Chief Human Resources and Citizenship Officer
Bradford Hu	61	Executive Vice President and Chief Risk Officer
Yie-Hsin Hung	62	President and Chief Executive Officer, State Street Global Advisors
Donna Milrod	57	Executive Vice President and Chief Product Officer
John Plansky	59	Executive Vice President and Head of Wealth Services
Elizabeth Schaefer	50	Senior Vice President and Chief Accounting Officer
Mark Shelton	57	Executive Vice President, General Counsel and Secretary
Mostapha Tahiri	50	Executive Vice President and Chief Operating Officer
Sarah Timby	55	Executive Vice President and Chief Administrative Officer

All executive officers are appointed by the Board of Directors and hold office at the discretion of the Board. No family relationships exist among any of our directors and executive officers.

Mr. O'Hanley joined State Street in April 2015 and since January 1, 2020 has served as the Chairman of the Board and Chief Executive Officer, reassuming the additional role of President effective January 1, 2024. Prior to this role Mr. O'Hanley served as President and Chief Executive Officer from January 2019 to December 2020, as President and Chief Operating Officer from November 2017 to December 2018 and as Vice Chairman from January 1, 2017 to November 2017. He served as the Chief Executive Officer and President of State Street Global Advisors, the investment management arm of State Street Corporation, from April 2015 to November 2017. Prior to joining State Street, Mr. O'Hanley was president of Asset Management & Corporate Services for Fidelity Investments, a financial and mutual fund services corporation, from 2010 to February 2014. From 1997 to 2010, Mr. O'Hanley served in various positions at Bank of New York Mellon, a global banking and financial services corporation, serving as

president and chief executive officer of BNY Asset Management in Boston from 2007 to 2010.

Mr. Aboaf joined State Street in December 2016 as Executive Vice President and has served as Executive Vice President and Chief Financial Officer since February 2017. In May 2022, Mr. Aboaf was appointed to the role of Vice Chairman, with expanded responsibility for State Street's Global Markets and Global Credit Finance businesses. Prior to joining State Street, Mr. Aboaf served as chief financial officer of Citizens Financial Group, a financial services and retail banking firm, from April 2015 to December 2016, with responsibility for all finance functions and corporate development. From 2003 to March 2015, he served in several senior management positions for Citigroup, a global investment banking and financial services corporation, including as global treasurer and as the chief financial officer of the institutional client group, which included the custody business. On October 10, 2024, Eric Aboaf informed State Street of his intention to step down from his roles as State Street's Vice Chairman and Chief Financial Officer to take a position with a firm outside of banking. Mr. Aboaf will remain at State Street through the date this annual report on Form 10-K is filed with the SEC. On January 14, 2025, the Board appointed Mark R. Keating as interim CFO, effective upon the date following that Form 10-K filing date. Mr. Keating, 56, has served as State Street's Executive Vice President and Chief Financial Officer for Investment Services, since 2018.

Mr. Ambrosius joined State Street in June 2001 and has served as Executive Vice President and President of Investment Services since December 2024. He had previously served as Chief Commercial Officer and Head of State Street's European business since October 2022. Prior to that role, he served as Executive Vice President and Head of the European Business from June 2019 to July 2023 and as Senior Vice President and Head of Global Securities Services Europe from June 2016 to June 2019. Mr. Ambrosius has also held several other senior leadership positions during his over 20 years with State Street. Prior to State Street, Mr. Ambrosius held Vice President positions at Deutsche Bank, a global financial services company.

Mr. Bisegna joined State Street in July 1987 and has served as Executive Vice President and Head of State Street Global Markets since September 2021. Prior to this role, he served as Executive Vice President and Global Head of Multi-Asset Class Trading and Research from December 2018 to September 2021. Mr. Bisegna has also held several other senior positions during his over 35 years with State Street. Prior to joining State Street, he was with Chase Manhattan Bank, New York, a global financial services firm, in their treasury operations.

Ms. Fogarty joined State Street in March 2021 as Executive Vice President and Deputy Head of Global Delivery. She assumed the role of Head of Global Delivery in March 2022. Prior to joining State Street, she served as Global Head of Operations for BNY Mellon, a global banking and financial services corporation, from February 2018 to February 2021. Prior to this role, Ms. Fogarty served as Global Head of Fund Accounting and Administration at BNY Mellon, from March 2015 to February 2018. Ms. Fogarty served in several other leadership roles with BNY Mellon from January 2005 to February 2015. She also served as Head of Hedge Fund Administration at AIB Capital Markets, a sister joint venture to the AIB/BNY Trust Company, providing Custody and Trustee Services, from January 1995 to December 2002.

Mr. Franz joined State Street in January 2020 as Executive Vice President and Chief Information Officer. Prior to this role, Mr. Franz served as Chief Productivity Officer and Chief Information Officer at Diageo PLC, a British multinational alcoholic beverages company, with responsibility for enterprise operations, technology and business service functions. Prior to joining Diageo in 2008, he was Chief Information Officer at PepsiCo International, and before that in leadership roles at General Electric (GE), including GE Capital, and AT&T.

Ms. Horgan joined State Street in April 2009 and has served as Executive Vice President and Chief Human Resources and Citizenship Officer since March 2017. Prior to this role, she served as Chief Operating Officer for State Street's Global Human Resources division from 2011 to March 2017 and since 2012 has served as an Executive Vice President. Prior to 2011, Ms. Horgan served as the Senior Vice President of Human Resources for State Street Global Advisors. Before joining State Street, Ms. Horgan was the Executive Vice President of human resources for Old Mutual Asset Management, a global, diversified multi-boutique asset management company, from 2006 to 2009.

Mr. Hu joined State Street in November 2021 as Executive Vice President and has served as Executive Vice President and Chief Risk Officer since January 2022. Prior to joining State Street, Mr. Hu was Chief Risk Officer of Citigroup, a global investment banking and financial services corporation, from January 2013 to December 2020, and Chief Risk Officer of Citi Asia-Pacific, from August 2008 to December 2012. Prior to that, Mr. Hu held several senior leadership roles at Morgan Stanley in the Global Equity, Global Capital Markets and Investment Banking divisions.

Ms. Hung joined State Street in December 2022 as President and Chief Executive Officer of State Street Global Advisors. Prior to joining State Street, Ms. Hung served as Chief Executive Officer of New

York Life Investment Management (NYLIM), a global investment management business that provides a broad range of fixed income, alternatives, and equity capabilities, from April 2015 to October 2022. Prior to joining NYLIM in 2010, Ms. Hung held a number of leadership positions at Bridgewater Associates and Morgan Stanley.

Ms. Milrod joined State Street in December 2018 and has served as Executive Vice President and Chief Product Officer since December 2022. Prior to that role, she served as Executive Vice President and Lead Executive for a large proposed investment services acquisition from October 2021 to December 2022, as Executive Vice President, Head of Global Clients Division and Head of Global Asset Managers Segment from January 2021 to October 2021 and as Executive Vice President and Head of the Global Clients Division from December 2018 to October 2021. Prior to joining State Street, Ms. Milrod served as Senior Advisor at McKinsey & Company, a global management consulting firm, from 2016 to 2018. Prior to joining McKinsey & Company, she served in multiple leadership positions at The Depository Trust & Clearing Corporation, a post-trade market infrastructure for the global financial services industry, from 2012 to 2016. Ms. Milrod also held several leadership roles at Deutsche Bank, a global financial services company, from 1999 to 2012.

Mr. Plansky joined State Street in January 2017 as head of State Street Global Exchange and since December 2024 has served as Executive Vice President and Head of Wealth Services. Prior to that role, Mr. Plansky served as Executive Vice President and Head of State Street Alpha from December 2020 to December 2024 and as Chief Executive Officer of CRD from October 2018 to December 2020. Before joining State Street, Mr. Plansky led the U.S. Strategy business and U.S. Global Platforms business for PricewaterhouseCoopers, an international professional services firm, from April 2014 to November 2016. Prior to the acquisition of Booz & Co. by PricewaterhouseCoopers, he was a senior partner at Booz & Co. leading the technology practice and serving as a senior advisor to global financial institutions.

Ms. Schaefer joined State Street in 2014 and has served as Senior Vice President and Chief Accounting Officer since June 2024. Prior to this role, she served as State Street's Senior Vice President and Deputy Controller from July 2016 to June 2024. Ms. Schaefer served as State Street's interim Chief Accounting Officer from September 2017 to May 2018. From 2014 to July 2016, Ms. Schaefer served as State Street's Director of SEC Reporting, Accounting Policy & Regulatory Compliance. Prior to joining State Street, she served in various roles at American Express Company, a global services company whose principal products and services are

charge and credit card products and travel-related services, including from August 2012 to December 2014, senior roles within the Controllershship organization. Prior to that, Ms. Schaefer was a Director in the Global Capital Markets Group at PricewaterhouseCoopers LLP.

Mr. Shelton joined State Street in December 2023 as Executive Vice President and has served as Executive Vice President, General Counsel and Secretary since January 2024. Prior to this role, he served as General Counsel for Corporate International Business and Corporate and International Americas of Barclays Bank PLC (Barclays), a global financial services company, from July 2016 to November 2023 and before that he served as Barclays' Global and Regional General Counsel for the Americas from March 2015 to June 2016. Prior to joining Barclays Bank PLC, Mr. Shelton served as Partner in the Financial Institutions Group of Gibson, Dunn & Crutcher LLP, an international law firm, from February 2014 to February 2015. Before joining Gibson, Dunn & Crutcher, he served as Global Head of Investigations of UBS, a global financial services company, from 2011 to January 2014 and as Americas General Counsel from 2009 to 2011. Mr. Shelton, also held several other senior positions during his nearly 11-year tenure with UBS. Prior to joining UBS in 2003, Shelton served as Partner at Wilmer Cutler Pickering LLP, an international law firm, from 1997 to 2003.

Mr. Tahiri joined State Street in September 2020 as Executive Vice President and Head of Asia Pacific and has served as Executive Vice President and Chief Operating Officer since January 2024. Prior to that, Mr. Tahiri served in an expanded role as Executive Vice President and Head of Asia Pacific, the Middle East, and Africa from April 2023 to December 2023. Before joining State Street, Mr. Tahiri served as Head of Asia Pacific for BNP Paribas Securities Services, a multi-asset servicing specialist (BNP Paribas), where he was also a member of the Executive Committee from February 2019 to August 2020. Prior to this role, he served as Head of Institutional Investors & Digital Transformation, Asia Pacific, of BNP Paribas, from October 2017 to January 2019 and as CEO BNP Paribas Securities Singapore & Head of Southeast Asia from September 2013 to Jun 2018. He also held several other leadership positions during his tenure with BNP Paribas Securities that started in February 2002.

Ms. Timby joined State Street in January 2020 and since January 2024 has served as Executive Vice President and Chief Administrative Officer. Prior to this role, Ms. Timby served as Executive Vice President and Global Technology Services Chief Information Officer and International & Global Technology Risk Manager from May 2022 to December 2023 and as International Chief Information Officer from January 2020 to May 2022.

Prior to joining State Street, she served as Managing Director: Group Operations European Bank for Reconstruction and Development for the European Bank for Reconstruction and Development, a financial services company, from January 2019 to January 2020. Before this role, Ms. Timby served as Managing Director: Head of Investments & Corporate Bank Know Your Customer Operations, with Barclays, from March 2017 to December 2018. She also held several other senior positions during her 30-year tenure with Barclays.

PART II

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

MARKET FOR REGISTRANT'S COMMON EQUITY

Our common stock is listed on the New York Stock Exchange under the ticker symbol STT. There were 1,888 shareholders of record as of January 31, 2025.

On January 19, 2024, we announced a new common share repurchase program, approved by our Board and superseding all prior programs, authorizing the purchase of up to \$5.0 billion of our common stock beginning in the first quarter of 2024 with no set expiration date. During 2024, we repurchased \$1.3 billion of our common stock under our 2024 share repurchase authorization and expect common share repurchases to continue under this program during 2025.

The following table presents the activity under our common share repurchase program for each of the months in the quarter ended December 31, 2024.

(Dollars in millions except per share amounts; shares in thousands)	Total Number of shares purchased	Average price per share	Total number of shares purchased as part of publicly announced program	Approximate dollar value of shares that may yet be purchased under publicly announced program ⁽¹⁾
Period:				
October 1 - October 31, 2024	1,294	\$ 92.05	1,294	\$ 4,131
November 1 - November 30, 2024	2,460	95.93	2,460	3,895
December 1 - December 31, 2024	1,974	98.72	1,974	3,700
Total	<u>5,728</u>	\$ 96.01	<u>5,728</u>	3,700

⁽¹⁾ As of December 31, 2024, approximately \$3.7 billion was remaining under the 2024 share repurchase authorization.

Stock purchases under our common stock repurchase programs may be made using various types of transactions, including open-market purchases, accelerated share repurchases or other transactions off the market, and may be made under Rule 10b5-1 trading programs. The timing and amount of any stock purchases and the type of transaction may not be ratable over the duration of the program, may vary from reporting period to reporting period and will depend on several factors, including our capital position and our financial performance, investment opportunities, market conditions, regulatory considerations including the nature and timing of implementation of revisions to the Basel III framework, and the amount of common stock issued as part of employee compensation programs. Our common stock purchase program does not have specific price targets and may be suspended at any time. We may employ third-party broker/dealers to acquire shares on the open market in connection with our common stock purchase programs.

Additional information about our common stock, including Board authorization with respect to purchases by us of our common stock, is provided under "Capital" in "Financial Condition" in our Management's Discussion and Analysis and in Note 15 to the consolidated financial statements in this Form 10-K.

RELATED STOCKHOLDER MATTERS

As a bank holding company, our Parent Company is a legal entity separate and distinct from its principal banking subsidiary, State Street Bank, and its non-banking subsidiaries. The right of the Parent Company to participate as a shareholder in any distribution of assets of State Street Bank upon its liquidation, reorganization or otherwise is subject to the prior claims by creditors of State Street Bank, including obligations for federal funds purchased, securities sold under repurchase agreements and deposit liabilities.

Payment of dividends by State Street Bank is subject to the provisions of the Massachusetts banking law, which provide that State Street Bank's Board of Directors may declare, from State Street Bank's "net profits," as defined below, cash dividends annually, semi-annually or quarterly (but not more frequently) and can declare non-cash dividends at any time. Under Massachusetts banking law, for purposes of determining the amount of cash dividends that are payable by State Street Bank, "net profits" is defined as an amount equal to the remainder of all earnings from current operations plus actual recoveries on loans and investments and other assets, after deducting from the total thereof all current operating expenses, actual losses, accrued dividends on preferred stock, if any, and all federal and state taxes.

No dividends may be declared, credited or paid so long as there is any impairment of State Street Bank's capital stock. The approval of the Massachusetts Commissioner of Banks is required if the total of all dividends declared by State Street Bank in any calendar year would exceed the total of its net profits for that year combined with its retained net profits for the preceding two years, less any required transfer to surplus or to a fund for the retirement of any preferred stock.

Under Federal Reserve regulations, the approval of the Federal Reserve would be required for the payment of dividends by State Street Bank if the total amount of all dividends declared by State Street Bank in any calendar year, including any proposed dividend, would exceed the total of its net income for such calendar year as reported in State Street Bank's *Consolidated Reports of Condition and Income for a Bank with Domestic and Foreign Offices Only - FFIEC 031*, commonly referred to as the "Call Report," as submitted through the Federal Financial Institutions Examination Council and provided to the Federal Reserve, plus its "retained net income" for the preceding two calendar years. For these purposes, "retained net income," as of any date of determination, is defined as an amount equal to State Street Bank's net income (as reported in its Call Reports for the calendar year in which retained net income is being determined) less any dividends declared during such year. In determining the amount of dividends that are payable, the total of State Street Bank's net income for the current year and its retained net income for the preceding two calendar years is reduced by any net losses incurred in the current or preceding two-year period and by any required transfers to surplus or to a fund for the retirement of preferred stock.

Prior Federal Reserve approval also must be obtained if a proposed dividend would exceed State Street Bank's "undivided profits" (retained earnings) as reported in its Call Reports. State Street Bank may include in its undivided profits amounts contained in its surplus account, if the amounts reflect transfers of undivided profits made in prior periods and if the Federal Reserve's approval for the transfer back to undivided profits has been obtained.

Under the PCA provisions adopted pursuant to the FDIC Improvement Act of 1991, State Street Bank may not pay a dividend when it is deemed, under the PCA framework, to be under-capitalized, or when the payment of the dividend would cause State Street Bank to be under-capitalized. If State Street Bank is under-capitalized for purposes of the PCA framework, it must cease paying dividends for so long as it is deemed to be under-capitalized. Once earnings have begun to improve and an adequate capital position has been restored, dividend payments may resume in accordance with federal and state statutory limitations and guidelines.

For a discussion of the role of the Federal Reserve and its regulations in connection with the Parent Company's capital planning and dividend practices, see "Capital Planning, Stress Tests and Dividends" in "Supervision and Regulation" in "Item 1. Business". Information about dividends declared by our Parent Company and dividends from our subsidiary banks is provided under "Capital" in "Financial Condition" in our Management's Discussion and Analysis, and in Note 15 to the consolidated financial statements in this Form 10-K, and is incorporated herein by reference. Future dividend payments of State Street Bank and our non-banking subsidiaries cannot be determined at this time. In addition, refer to "Capital Planning, Stress Tests and Dividends" in "Supervision and Regulation" in Business in this Form 10-K and the risk factor "Our business and capital-related activities, including our ability to return capital to shareholders and repurchase our capital stock, may be adversely affected by our implementation of regulatory capital and liquidity standards that we must meet or as a result of regulatory capital stress testing" in Risk Factors in this Form 10-K.

Information about our equity compensation plans is provided in Item 12, Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters, and in Note 18 to the consolidated financial statements in this Form 10-K, and is incorporated herein by reference.

SHAREHOLDER RETURN PERFORMANCE PRESENTATION

The graph below presents the cumulative total shareholder return on our common stock as compared to the cumulative total return of the S&P 500 Index, the KBW Bank Index and a Peer Group over a five-year period. The cumulative total shareholder return assumes the investment of \$100 in our common stock and in each index on December 31, 2019 and reinvestment of common stock dividends.

- The KBW Bank Index is a modified cap-weighted index consisting of 24 exchange-listed stocks, representing national money center banks and leading regional institutions, and is our primary comparator group index.
- The Peer Group is composed of The Bank of New York Mellon Corporation and Northern Trust Corporation.



	2019	2020	2021	2022	2023	2024
State Street Corporation	\$ 100	\$ 95	\$ 125	\$ 108	\$ 111	\$ 145
S&P 500 Index	100	118	152	125	158	197
KBW Bank Index	100	90	124	98	97	133
Peer group	100	88	121	96	108	155

The following table compares the cumulative total shareholder return on our common stock to the cumulative total return of the S&P 500 Index, the KBW Bank Index and a Peer Group over a one-year, three-year and five-year period.

	1 year	3 years	5 years
State Street Corporation	30 %	16 %	45 %
S&P 500 Index	25	29	97
KBW Bank Index	37	7	33
Peer group	44	28	55

ITEM 6. [RESERVED]

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

GENERAL

This Management's Discussion and Analysis should be read in conjunction with our consolidated financial statements and accompanying notes in this Form 10-K. Certain previously reported amounts presented in this Form 10-K have been reclassified to conform to current-period presentation.

As of December 31, 2024, we had consolidated total assets of \$353.24 billion, consolidated total deposits of \$261.92 billion, consolidated total shareholders' equity of \$25.33 billion and approximately 53,000 employees. Through our two lines of business, Investment Servicing and Investment Management, we operate in more than 100 geographic markets worldwide, including the United States, Canada, Latin America, Europe, the Middle East and Asia.

For the description of our lines of business, refer to "Lines of Business" in Item 1 in this Form 10-K. For financial and other information about our lines of business, refer to "Line of Business Information" in this Management's Discussion and Analysis and Note 24 to the consolidated financial statements in this Form 10-K.

We prepare our consolidated financial statements in conformity with U.S. GAAP. The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions in its application of certain accounting policies that materially affect the reported amounts of assets, liabilities, equity, revenue and expenses.

Information about the significant accounting policies that require us to make judgments, estimates and assumptions that are difficult, subjective or complex about matters that are uncertain and may change in subsequent periods is included under "Significant Accounting Estimates" in this Management's Discussion and Analysis and in Note 1 to the consolidated financial statements in this Form 10-K.

Certain financial information provided in this Form 10-K, including this Management's Discussion and Analysis, is presented using both a U.S. GAAP, or reported basis, and a non-GAAP basis, including certain non-GAAP measures used in the calculation of identified regulatory ratios. We measure and compare certain financial information on a non-GAAP basis, including information that management uses in evaluating our business and activities. Non-GAAP financial information should be considered in addition to, and not as a substitute for or as superior to,

financial information prepared in conformity with U.S. GAAP. Any non-GAAP financial information presented in this Form 10-K, including this Management's Discussion and Analysis, is reconciled to its most directly comparable currently applicable regulatory ratio or U.S. GAAP-basis measure. As part of our non-GAAP-basis measures, we present a fully taxable-equivalent NII that reports non-taxable revenue, such as interest income associated with tax-exempt investment securities, on a fully taxable-equivalent basis, which we believe facilitates an investor's understanding and analysis of our underlying financial performance and trends.

In this Management's Discussion and Analysis, where we describe the effects of changes in foreign currency translation, those effects are determined by applying applicable weighted average FX rates from the relevant 2023 period to the relevant 2024 period results.

This Management's Discussion and Analysis contains statements that are considered "forward-looking statements" within the meaning of U.S. securities laws. These forward-looking statements involve certain risks and uncertainties which could cause actual results to differ materially. Additional information about forward-looking statements and related risks and uncertainties is provided in "Forward-Looking Statements", "Risk Factors Summary" and "Risk Factors" in this Form 10-K.

Information regarding additional disclosures and materials available on our website is provided under "Additional Information" in Item 1 in this Form 10-K.

**MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION
AND RESULTS OF OPERATIONS**

OVERVIEW OF FINANCIAL RESULTS

TABLE 1: OVERVIEW OF FINANCIAL RESULTS

(Dollars in millions, except per share amounts)	Years Ended December 31,		
	2024	2023	2022
Total fee revenue	\$10,156	\$ 9,480	\$ 9,606
Net interest income	2,923	2,759	2,544
Total other income	(79)	(294)	(2)
Total revenue	13,000	11,945	12,148
Provision for credit losses	75	46	20
Total expenses	9,530	9,583	8,801
Income before income tax expense	3,395	2,316	3,327
Income tax expense	708	372	553
Net income	\$ 2,687	\$ 1,944	\$ 2,774
Adjustments to net income:			
Dividends on preferred stock ⁽¹⁾	\$ (202)	\$ (122)	\$ (112)
Earnings allocated to participating securities ⁽²⁾	(2)	(1)	(2)
Net income available to common shareholders	\$ 2,483	\$ 1,821	\$ 2,660
Earnings per common share:			
Basic	\$ 8.33	\$ 5.65	\$ 7.28
Diluted	8.21	5.58	7.19
Average common shares outstanding (in thousands):			
Basic	297,883	322,337	365,214
Diluted	302,226	326,568	370,109
Cash dividends declared per common share	\$ 2.90	\$ 2.64	\$ 2.40
Return on average common equity	11.1 %	8.2 %	11.1 %
Pre-tax margin	26.1	19.4	27.4
Return on average assets	0.9	0.7	1.0
Common dividend payout	35.3	47.3	33.4
Average common equity to average total assets	7.2	8.1	8.3

⁽¹⁾ Additional information about our preferred stock dividends is provided in Note 15 to the consolidated financial statements in this Form 10-K.

⁽²⁾ Represents the portion of net income available to common equity allocated to participating securities, composed of unvested and fully vested SERP (Supplemental executive retirement plans) shares and fully vested deferred director stock awards, which are equity-based awards that contain non-forfeitable rights to dividends, and are considered to participate with the common stock in undistributed earnings.

The following section provides information related to significant events, as well as highlights of our consolidated financial results for the year ended December 31, 2024 presented in Table 1: Overview of Financial Results. More detailed information about our consolidated financial results, including the comparison of our financial results for the year ended December 31, 2024 to those of the year ended December 31, 2023, is provided under "Consolidated Results of Operations", "Line of Business Information" and "Capital" sections which follow "Financial Results and Highlights", as well as in our consolidated financial statements in this Form 10-K.

The comparison of our financial results for the year ended December 31, 2023 to those of the years ended December 31, 2022 is included in the Management's Discussion and Analysis in our Annual Report on Form 10-K for the year ended December 31, 2023 filed with the SEC on February 15, 2024.

Financial Results and Highlights

2024 financial performance

- EPS of \$8.21, increased from \$5.58 in 2023, primarily reflecting higher total revenue and lower total expenses, including the net impact of notable items in the current and prior year periods, which in aggregate represented \$1.62 of the EPS increase. See "Notable Items" below.
- Total revenue increased 9% compared to 2023, primarily driven by higher fee revenue and NII and the impact of the loss on sale of investment securities notable item in the prior year period. The prior year notable item represented 3% points of the increase.
- Total expenses decreased 1% compared to 2023 as higher business investments, as well as revenue and performance-related costs, were more than offset by productivity savings from organizational simplification, process improvements and other initiatives, including from the joint venture consolidations in India and the net impact of notable items. The net impact of notable items in the current and prior year periods decreased expenses by 5% points in 2024 as compared to 2023.
- Pre-tax margin of 26.1% increased from 19.4% in 2023, primarily reflecting higher total revenue and lower total expenses. Return on equity of 11.1% increased from 8.2% in 2023, primarily reflecting higher total revenue and lower total expenses.
- Operating leverage was 9.4% points, largely reflecting the net impact of notable items in the current and prior year periods, which represented 7.4% points of operating leverage. Operating leverage represents the difference between the percentage change in total revenue and the percentage change in total expenses, in each case relative to the prior year period.
- Fee operating leverage was 7.7% points, largely reflecting the net impact of notable items in the current and prior year periods, which represented 5.6% points of fee operating leverage. Fee operating leverage represents the difference between the percentage change in total fee revenue and the percentage change in total expenses, in each case relative to the prior year period.
- Returned approximately \$2.2 billion to our shareholders in the form of common share repurchases and common stock dividends compared to approximately \$4.6 billion in 2023.

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- Completed the consolidation of our final joint venture in India, further advancing the plan to transform our operating model to unlock efficiency savings and improve client experience. The joint venture consolidation in 2024 increased our headcount by approximately 17% as of December 31, 2024, compared to December 31, 2023. Associated headcount cost was previously reflected in compensation and employee benefits expenses.

Notable Items

- The impact of notable items in 2024 includes:
 - Other expenses of \$111 million, including a \$99 million increase to the 2023 FDIC special assessment, and a \$12 million charge associated with operating model changes.
 - Loss on sale of investment securities of \$81 million related to an investment portfolio repositioning reflected in other income.
 - Deferred compensation expense acceleration of approximately \$79 million, related to prior period incentive compensation awards to align our deferred pay mix with peers.
 - Gain on sale of an equity investment of \$66 million recorded in other fee revenue.
 - Revenue-related recovery of \$15 million from settlement proceeds associated with a 2018 FX benchmark litigation resolution, which is reflected in foreign exchange trading services.
 - Net repositioning release of \$2 million, including a \$15 million release reflected in compensation and employee benefits expenses, partially offset by \$13 million of occupancy charges related to footprint optimization.
- The impact of notable items in 2023 includes:
 - Loss on the sale of investment securities of approximately \$294 million related to an investment portfolio repositioning.
 - FDIC special assessment of \$387 million recorded in other expenses, related to FDIC's recovery of estimated losses to the Deposit Insurance Fund associated with the

closures of Silicon Valley Bank and Signature Bank.

- Net repositioning charges of approximately \$203 million, including \$182 million of compensation and employee benefits expenses related to workforce rationalization and \$21 million of occupancy costs related to real estate footprint optimization.
- Other net expenses of approximately \$30 million, including \$41 million in information systems and communications and \$4 million in other expenses, primarily related to operating model changes, partially offset by a \$15 million accrual release in acquisition and restructuring costs.

Revenue

- Total fee revenue increased 7% compared to 2023, primarily reflecting higher management fees, foreign exchange trading services revenue, other fee revenue and servicing fees.
- Servicing fee revenue increased 2% compared to 2023, as higher average market levels and net new business, excluding a previously disclosed client transition, were partially offset by pricing headwinds, a previously disclosed client transition and lower client activity and adjustments, including asset mix shift.
- Management fee revenue increased 13% compared to 2023, primarily due to higher average market levels and net inflows.
- Foreign exchange trading services revenue increased 11% compared to 2023, primarily due to higher client volumes, partially offset by lower spreads associated with lower average FX volatility.
- Securities finance revenue increased 3% compared to 2023, mainly due to higher client lending balances, partially offset by lower spreads primarily resulting from muted industry specials activity.
- Software and processing fees revenue increased 9% compared to 2023, primarily due to higher front office software and data revenue associated with CRD.
- Other fee revenue increased \$109 million compared to 2023, primarily reflecting a \$66 million gain on sale of an equity investment and the absence of the impact of the Argentine peso devaluation in the prior year period.

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- NII increased 6% compared to 2023, primarily due to higher investment securities yields and loan growth, partially offset by deposit mix shift towards interest-bearing deposits.
- Other income included a loss of \$79 million compared to a loss of \$294 million in 2023, mainly reflecting a loss on sale of investment securities related to the repositioning of the investment portfolio in both periods.

Provision for Credit Losses

- In 2024, we recorded a \$75 million provision for credit losses, primarily reflecting an increase in loan loss reserves associated with certain commercial real estate and leveraged loans, compared to \$46 million in 2023.

Expenses

- Total expenses decreased 1% compared to 2023, as higher business investments, as well as revenue and performance-related costs, were more than offset by productivity savings from organizational simplification, process improvements and other initiatives, including from the joint venture consolidations in India and the net impact of notable items. The net impact of notable items in the current and prior year periods decreased expenses by 5% points in 2024 as compared to 2023.

AUC/A and AUM

- AUC/A of \$46.56 trillion as of December 31, 2024 increased 11% compared to December 31, 2023, primarily due to higher period-end market levels and client flows. In 2024, newly announced asset servicing mandates totaled approximately \$2.33 trillion of AUC/A. We onboarded approximately \$1.35 trillion of AUC/A during 2024. Servicing assets remaining to be installed in future periods totaled approximately \$2.99 trillion as of December 31, 2024.
- AUM of \$4.72 trillion as of December 31, 2024 increased 15% compared to December 31, 2023, primarily due to higher period-end market levels and net inflows.

Capital

- In 2024, we returned approximately \$2.2 billion to our shareholders in the form of common share repurchases and common stock dividends compared to approximately \$4.6 billion in 2023.
 - We declared aggregate common stock dividends of \$2.90 per share, totaling

\$859 million compared to \$2.64 per share, totaling \$837 million in 2023.

- We increased the quarterly common stock dividend declared per common share by 10% in the third quarter of 2024.
- We acquired an aggregate of 15.1 million shares of common stock at an average per share cost of \$85.89 and an aggregate cost of approximately \$1.3 billion. In 2023, we acquired an aggregate of 49.2 million shares of common stock, at an average per share cost of \$77.22 and an aggregate cost of approximately \$3.8 billion. These purchases were all conducted under the share repurchase programs approved by our Board of Directors.
- Our standardized CET1 capital ratio was 10.9% as of December 31, 2024, compared to 11.6% as of December 31, 2023, primarily driven by increased capital return and higher deployment of RWA for business growth, partially offset by capital generated from earnings. Our Tier 1 leverage ratio decreased to 5.2% as of December 31, 2024, compared to 5.5% as of December 31, 2023, mainly driven by higher average balance sheet levels. Given the current global economic environment, and our plans for capital actions, we expect our CET1 capital ratio and Tier 1 leverage ratio to remain within or above our target ranges of 10-11% and 5.25-5.75%, respectively.
- On January 31, 2024, we issued 1.5 million depository shares, each representing a 1/100th ownership interest in a share of fixed rate reset, non-cumulative perpetual preferred stock, Series I, without par value per share, with a liquidation preference of \$100,000 per share (equivalent to \$1,000 per depository share), and an initial dividend rate of 6.700% per annual, in a public offering. The net proceeds from the offering were approximately \$1.5 billion.
- On March 15, 2024, we redeemed an aggregate \$1.0 billion, or all 7,500 outstanding shares, of our non-cumulative perpetual preferred stock, Series D, for a cash redemption price of \$100,000 per share (equivalent to \$25 per depository share), and all 2,500 of the outstanding shares of our noncumulative perpetual preferred stock, Series F (represented by 250,000 depository shares), for a cash redemption price of \$100,000 per share (equivalent to \$1,000 per

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depository share), plus all declared and unpaid dividends.

- On July 24, 2024, we issued 850,000 depository shares, each representing a 1/100th ownership interest in a share of fixed rate reset, non-cumulative perpetual preferred stock, Series J, without par value per share, with a liquidation preference of \$100,000 per share (equivalent to \$1,000 per depository share), in a public offering. The net proceeds from the offering were approximately \$842 million.
- On September 16, 2024, we redeemed an aggregate \$500 million, or all 5,000 outstanding shares, of our non-cumulative perpetual preferred stock, Series H (represented by 500,000 depository shares), for a cash redemption price of \$100,000 per share (equivalent to \$1,000 per depository share), plus all declared and unpaid dividends.
- On February 6, 2025, we issued 750,000 depository shares, each representing a 1/100th ownership interest in a share of fixed rate reset, non-cumulative perpetual preferred stock, Series K, without par value per share, with a liquidation preference of \$100,000 per share (equivalent to \$1,000 per depository share), in a public offering. The net proceeds from the offering were approximately \$743 million.

Debt Issuances and Redemptions

- On March 18, 2024, we issued \$1 billion aggregate principal amount of 4.993% fixed rate senior notes due 2027.
- On August 20, 2024, we issued \$1 billion aggregate principal amount of 4.530% fixed-to-floating rate senior notes due 2029.
- On October 22, 2024, we issued \$1.2 billion aggregate principal amount of 4.330% fixed rate senior notes due 2027, \$300 million aggregate principal amount of floating rate senior notes due 2027, and \$800 million aggregate principal amount of 4.675% fixed-to-floating rate senior notes due 2032.
- On November 1, 2024, we redeemed \$1 billion aggregate principal amount of 2.354% fixed-to-floating rate senior notes due 2025.
- On November 25, 2024, State Street Bank issued \$300 million aggregate principal amount of floating rate senior notes due 2026, \$1.15 billion aggregate principal amount of 4.594% fixed rate senior notes due 2026 and \$800 million aggregate principal

amount of 4.782% fixed rate senior notes due 2029.

- On January 27, 2025, we redeemed \$500 million aggregate principal amount of 4.857% fixed-to-floating rate senior notes due 2026.
- On February 6, 2025, we redeemed \$300 million aggregate principal amount of 1.746% fixed-to-floating rate senior notes due 2026.

CONSOLIDATED RESULTS OF OPERATIONS

This section discusses our consolidated results of operations for 2024 compared to 2023 and should be read in conjunction with the consolidated financial statements and accompanying notes to the consolidated financial statements in this Form 10-K.

Total Revenue

TABLE 2: TOTAL REVENUE

(Dollars in millions)	Years Ended December 31,			% Change 2024 vs. 2023	% Change 2023 vs. 2022
	2024	2023	2022		
Fee revenue:					
Back office services	\$ 4,633	\$ 4,561	\$ 4,714	2 %	(3)%
Middle office services	383	361	373	6	(3)
Servicing fees	5,016	4,922	5,087	2	(3)
Management fees	2,124	1,876	1,939	13	(3)
Foreign exchange trading services	1,401	1,265	1,376	11	(8)
Securities finance	438	426	416	3	2
Front office software and data	639	580	550	10	5
Lending related and other fees	249	231	239	8	(3)
Software and processing fees	888	811	789	9	3
Other fee revenue	289	180	(1)	61	nm
Total fee revenue	10,156	9,480	9,606	7	(1)
Net interest income:					
Interest income	11,977	9,180	4,088	30	nm
Interest expense	9,054	6,421	1,544	41	nm
Net interest income	2,923	2,759	2,544	6	8
Other income:					
Gains (losses) from sales of available-for-sale securities, net	(79)	(294)	(2)	(73)	nm
Total other income	(79)	(294)	(2)	(73)	nm
Total revenue	\$ 13,000	\$ 11,945	\$ 12,148	9	(2)

^{nm} Not meaningful

Fee Revenue

Table 2: Total Revenue, provides the breakout of fee revenue for the years ended December 31, 2024, 2023 and 2022. Servicing and management fees collectively made up approximately 70%, 72% and 73% of the total fee revenue in 2024, 2023 and 2022, respectively.

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Servicing Fee Revenue

Servicing fees, as presented in Table 2: Total Revenue, increased 2% in 2024 compared to 2023, as higher average market levels and net new business, excluding a previously disclosed client transition, were partially offset by pricing headwinds, a previously disclosed client transition and lower client activity and adjustments, including asset mix shift.

Servicing fees generated outside the United States were approximately 47% of total servicing fees in 2024, compared to approximately 46% of total servicing fees in 2023.

Servicing fee revenue comprises revenue from a range of services provided to our clients, including certain Alpha servicing mandates, consisting of core custody services, accounting, reporting and administration, which we refer to collectively as back office services and middle office services. The nature and mix of services provided and the asset classes for which the services are performed affect our servicing fees. The basis for fees will differ across regions and clients. Generally, our servicing fee revenues are affected by several factors, including changes in market valuations, client activity and asset flows, net new business and the manner in which we price our services. For servicing fees for which we have not yet issued an invoice to our clients as of period end, we include an estimate of the impact of changes in market valuations, client activity and flows, net new business and changes in pricing in our revenues.

Changes in Market Valuations

Our servicing fee revenue is impacted by both our levels and the geographic and product mix of our AUC/A. Increases or decreases in market valuations have a corresponding impact on the level of our AUC/A and servicing fee revenues, though the degree of impact will vary depending on asset types and classes, and geography of assets held within our clients' portfolios. For certain asset classes where the valuation process is more complex, including alternative investments, or where our valuation is dependent on third party information, AUC/A is reported on a time lag, typically one-month. For those asset classes, the impact of market levels on our reported AUC/A, and therefore servicing fee revenue, does not reflect current period-end market levels.

Over the five years ended December 31, 2024, we estimate that worldwide equity and fixed income market valuations impacted our servicing fees revenue by approximately 2% on average with a range of (4)% to 8% annually and approximately 5% and 1% in 2024 and 2023, respectively. See Table 3: Daily Averages, Month-End Averages and Year-End Equity Indices for selected indices. While the specific indices presented are indicative of general market trends, the asset types and classes relevant to individual client portfolios can and do differ, and the performance of associated relevant indices and of client portfolios can therefore differ from the performance of the indices presented. In addition, our asset classifications may differ from those industry classifications presented.

Assuming that all other factors remain constant, including client activity, asset flows and pricing, we estimate, using relevant information as of December 31, 2024, that a 10% increase or decrease in worldwide equity valuations, on a weighted average basis, over the relevant periods for which our servicing fees are calculated, would result in a corresponding change in our total servicing fee revenues, on average and over multiple quarters, of approximately 3%. We estimate, similarly assuming all other factors remain constant and using relevant information as of December 31, 2024, that changes in worldwide fixed income markets, which on a weighted average basis and over time are typically less volatile than worldwide equity markets, have a smaller corresponding impact on our servicing fee revenues on average and over time.

TABLE 3: DAILY AVERAGES, MONTH-END AVERAGES AND YEAR-END EQUITY INDICES⁽¹⁾

	Daily Averages of Indices			Month-End Averages of Indices			Year-End Indices		
	Years Ended December 31,			Years Ended December 31,			Years Ended December 31,		
	2024	2023	% Change	2024	2023	% Change	2024	2023	% Change
S&P 500 [®]	5,428	4,284	27 %	5,460	4,323	26 %	5,882	4,770	23 %
MSCI EAFE [®]	2,326	2,093	11	2,337	2,101	11	2,262	2,236	1
MSCI [®] Emerging Markets	1,071	985	9	1,071	985	9	1,075	1,024	5
MSCI ACWI [®]	800	663	21	805	668	20	841	727	16

⁽¹⁾ The index names listed in the table are service marks of their respective owners.

TABLE 4: YEAR-END DEBT INDICES⁽¹⁾

	As of December 31,		
	2024	2023	% Change
Bloomberg U.S. Aggregate Bond Index [®]	2,189	2,162	1 %
Bloomberg Global Aggregate Bond Index [®]	463	471	(2)

⁽¹⁾ The index names listed in the table are service marks of their respective owners.

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Client Activity and Asset Flows

Client activity and asset flows are impacted by the number of transactions we execute on behalf of our clients, including FX settlements, equity and derivative trades, and wire transfer activity, as well as actions by our clients to change the asset class in which their assets are invested. Our servicing fee revenues are impacted by a number of factors, including transaction volumes, asset levels and asset classes in which funds are invested, as well as industry trends associated with these client-related activities.

Our clients may change the asset classes in which their assets are invested, based on their market outlook, risk acceptance tolerance or other considerations. Over the five years ended December 31, 2024, we estimate that client activity and asset flows, together, impacted our servicing fees revenue by approximately (1)% on average with a range of (3)% to 1% annually and approximately 0% and (3)% in 2024 and 2023, respectively. See Table 5: Industry Asset Flows for selected asset flow information. While the asset flows presented are indicative of general market trends, the asset types and classes relevant to individual client portfolios can and do differ, and our flows may differ from those market trends. In addition, our asset classifications may differ from those industry classifications presented.

TABLE 5: INDUSTRY ASSET FLOWS

(In billions)	Years Ended December 31,	
	2024	2023
North America - (U.S. Domiciled) - Morningstar Direct Market Data⁽¹⁾⁽²⁾⁽³⁾		
Long-Term Funds ⁽⁴⁾	\$ (362.0)	\$ (489.7)
Money Market	678.6	907.3
Exchange-Traded Fund	1,111.1	590.3
Total Flows	\$ 1,427.7	\$ 1,007.9
EMEA - Morningstar Direct Market Data⁽¹⁾⁽²⁾⁽⁵⁾		
Long-Term Funds ⁽⁴⁾	\$ 233.0	\$ (72.3)
Money Market	245.7	217.8
Exchange-Traded Fund	251.3	146.0
Total Flows	\$ 730.0	\$ 291.5

⁽¹⁾ Industry data is provided for illustrative purposes only. It is not intended to reflect our activity or our clients' activity and is indicative of only segments of the entire industry.

⁽²⁾ Source: Morningstar. The data includes long-term mutual funds, ETFs and money market funds. Mutual fund data represents estimates of net new cash flow, which is new sales minus redemptions combined with net exchanges, while ETF data represents net issuance, which is gross issuance less gross redemptions. Data for Fund of Funds, Feeder funds and Obsolete funds were excluded from the series to prevent double counting. Data is from the Morningstar Direct Asset Flows database.

⁽³⁾ The year ended December 31, 2024 data for North America (US domiciled) includes Morningstar direct actuals for January 2024 through November 2024 and Morningstar direct estimates for December 2024.

⁽⁴⁾ The long-term fund flows reported by Morningstar direct in North America are composed of US domiciled market flows mainly in Equities, Allocation and Fixed-Income asset classes. The long-term fund flows reported by Morningstar direct in EMEA are composed of the European market flows mainly in Equities, Allocation and Fixed-Income asset classes.

⁽⁵⁾ The year ended December 31, 2024 data for Europe is on a rolling twelve month basis for December 2023 through November 2024, sourced by Morningstar.

Net New Business

Over the five years ended December 31, 2024, net new business, which includes business both won and lost, has affected our servicing fee revenues by approximately 0% on average with a range of 0% to 1% annually and approximately 0% and 1% in 2024 and 2023, respectively.

Gross investment servicing mandates were \$2.33 trillion of AUC/A in 2024 and \$1.90 trillion of AUC/A per year on average over the five years ended December 31, 2024, ranging from approximately \$0.79 trillion to \$3.52 trillion of AUC/A annually in any given year.

Servicing fee revenue associated with new servicing mandates may vary based on the breadth of services provided, the time required to install the assets, and the types of assets installed.

Revenues associated with new mandates are not reflected in our servicing fee revenue until the assets have been installed. Our installation timeline, in general, can range from 6 to 36 months, with the average installation timeline being approximately 9 to 12 months over the past 2 full fiscal years. We expect that our more complex installations, including new State Street Alpha mandates, will generally be on the longer end of the 6 to 36 months range. With respect to the current asset mandates of approximately \$2.99 trillion of AUC/A that are yet to be installed as of December 31, 2024, we expect the conversion will mostly occur over the coming 24 months, with approximately 60% expected to be installed in 2025 and approximately 30% in 2026, with the balance expected to be installed largely in 2027. The expected timing of these installations is subject to change due to a variety of factors, including adjusted implementation schedules agreed with clients, scope adjustments, and product and functionality changes.

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Pricing

The industry in which we operate has historically faced pricing pressure, and our servicing fee revenues are also affected by such pressures today. Consequently, no assumption should be drawn as to future revenue run rate from announced servicing AUC/A wins, as the amount of revenue associated with AUC/A, once installed, can vary materially. On average, over the five years ended December 31, 2024, we estimate that pricing pressure with respect to existing clients has impacted our servicing fees by approximately (2)% annually, with the impact ranging from (2)% to (3)% in any given year and approximately (3)% and (2)% in 2024 and 2023, respectively. Pricing concessions can be a part of a contract renegotiation with a client including terms that may benefit us, such as extending the term of our relationship with the client, expanding the scope of services that we provide or reducing our dependency on manual processes through the standardization of the services we provide. In 2024, the impact was primarily driven by several multi-year renewals of large strategic clients. The timing of the impact of additional revenue generated by anticipated additional services and the amount of revenue generated may differ from expectations due to the impact of pricing concessions on existing services due to the necessary time required to onboard those new services or process changes, the nature of those services and client investment practices and other factors. These same market pressures also impact the fees we negotiate when we win business from new clients.

Historically, and based on an indicative sample of revenue, we estimate that approximately 60%, on average, of our servicing fee revenues have been variable due to changes in asset valuations including changes in daily average valuations of AUC/A; another approximately 20%, on average, of our servicing fees are impacted by the volume of activity in the funds we serve; and the remaining approximately 20% of our servicing fees tend not to be variable in nature nor impacted by market fluctuations or values.

In addition to the effects described above (i.e., client activity and asset flows, net new business and pricing) our servicing fee revenue in any period will vary depending on the mix of products and services we provide to our clients. The full impact of changes in market valuations and the volume of activity in the funds may not be fully reflected in our servicing fee revenues in the periods in which the changes occur, particularly in periods of higher volatility.

TABLE 6: ASSETS UNDER CUSTODY AND/OR ADMINISTRATION BY PRODUCT⁽¹⁾⁽²⁾

(In billions)	December 31, 2024	December 31, 2023	December 31, 2022	% Change 2024 vs. 2023	% Change 2023 vs. 2022
Collective funds, including ETFs	\$ 15,266	\$ 14,070	\$ 12,261	9 %	15 %
Mutual funds	12,301	11,009	9,610	12	15
Pension products	9,386	8,352	7,734	12	8
Insurance and other products	9,604	8,379	7,138	15	17
Total	\$ 46,557	\$ 41,810	\$ 36,743	11	14

TABLE 7: ASSETS UNDER CUSTODY AND/OR ADMINISTRATION BY ASSET CLASS⁽²⁾

(In billions)	December 31, 2024	December 31, 2023	December 31, 2022	% Change 2024 vs. 2023	% Change 2023 vs. 2022
Equities	\$ 27,535	\$ 24,317	\$ 20,575	13 %	18 %
Fixed-income	11,933	11,043	10,318	8	7
Short-term and other investments	7,089	6,450	5,850	10	10
Total	\$ 46,557	\$ 41,810	\$ 36,743	11	14

TABLE 8: ASSETS UNDER CUSTODY AND/OR ADMINISTRATION BY GEOGRAPHY⁽²⁾⁽³⁾

(In billions)	December 31, 2024	December 31, 2023	December 31, 2022	% Change 2024 vs. 2023	% Change 2023 vs. 2022
Americas	\$ 33,284	\$ 29,951	\$ 26,981	11 %	11 %
Europe/Middle East/Africa	10,179	8,913	7,136	14	25
Asia/Pacific	3,094	2,946	2,626	5	12
Total	\$ 46,557	\$ 41,810	\$ 36,743	11	14

⁽¹⁾ Certain previously reported amounts presented have been reclassified to conform to current-period presentation.

⁽²⁾ Consistent with past practice, AUC/A values for certain asset classes are based on a lag, typically one-month.

⁽³⁾ Geographic mix is generally based on the domicile of the entity servicing the funds and is not necessarily representative of the underlying asset mix.

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Asset servicing mandates newly announced in 2024 totaled approximately \$2.33 trillion of AUC/A. Servicing assets remaining to be installed in future periods totaled approximately \$2.99 trillion as of December 31, 2024, which will be reflected in AUC/A in future periods after installation and will generate servicing fee revenue in subsequent periods. The full revenue impact of such mandates will be realized as the assets are installed and additional services are added over that period.

New asset servicing mandates, including Alpha servicing mandates, may be subject to completion of definitive agreements, consents or assignments, approval of applicable boards, shareholders and customary regulatory approvals or other conditions, the failure to complete any of which will prevent the relevant mandate from being installed and serviced. New asset servicing mandates and servicing assets remaining to be installed in future periods exclude certain new business which has been contracted, but for which the client has not yet provided permission to publicly disclose or anonymously reference. These excluded assets, which from time to time may be significant, will be included in new asset servicing mandates and reflected in servicing assets remaining to be installed in the period in which the client provides its permission. Servicing mandates and servicing assets remaining to be installed in future periods may include assets associated with acquisitions or structured transactions and are presented on a gross basis based on factors present on or about the time we determine the business to be won by us and are not updated based on subsequent developments, including changes in assets, market valuations, scope and, potentially, termination. Such assets therefore do not include the impact of clients who have notified us during the period of their intent to terminate or reduce their relationship with us, which from time to time may be significant.

With respect to these new servicing mandates, once installed we may provide various services, including back office services such as custody and safekeeping, transaction processing and trade settlement, fund administration, reporting and record keeping, security servicing, fund accounting, middle office services such as investment book of records, transaction management, loans, cash derivatives and collateral services, recordkeeping, client reporting and investment analytics, markets services such as FX trading services, liquidity solutions, currency and collateral management and securities finance, and front office services such as portfolio management solutions, risk analytics, scenario analysis, performance and attribution, trade order and execution management, pre-trade compliance and ESG investment tools. Revenues associated with new servicing mandates may vary based on the breadth of services provided, the timing of installation, and the types of assets.

As previously disclosed, in early 2021, due to a decision to diversify providers, one of our large asset servicing clients is moving a significant portion of its ETF assets currently with State Street to one or more other providers. Prior to the commencement of the transition of assets, which began in 2022, we estimated that the financial impact of this transition represented approximately 1.9% of our 2021 total fee revenue. We began to see the impact of the transition on our fee revenue and income growth trends primarily towards the end of 2023, with the remainder expected to be realized through 2025 as the transition continues. On a full year run rate basis, we estimate that 2024 reflected approximately two-thirds of the revenue impact of the exiting business. We expect to continue as a significant service provider for this client after this transition and for the client to continue to be meaningful to our business.

Management Fee Revenue

Management fees increased 13% in 2024 compared to 2023, primarily due to higher average market levels and net inflows.

Management fees generated outside the United States were approximately 25% of total management fees in 2024, compared to approximately 26% of total management fees in 2023.

Management fees generally are affected by our level of AUM, which we report based on month-end valuations. Management fees for certain components of managed assets, such as ETFs, mutual funds and Undertakings for Collective Investments in Transferable Securities, are affected by daily average valuations of AUM. Management fee revenue is more sensitive to market valuations than servicing fee revenue, as a higher proportion of the underlying services provided, and the associated management fees earned, are dependent on equity and fixed-income security valuations. Additional factors, such as the relative mix of assets managed, may have a significant effect on our management fee revenue. While certain management fees are directly determined by the values of AUM and the investment strategies employed, management fees may reflect other factors, including performance fee arrangements, as well as our relationship pricing for clients.

Asset-based management fees for passively managed products, to which our AUM is currently primarily weighted, are generally charged at a lower fee on AUM than for actively managed products. Actively managed products may also include performance fee arrangements which are recorded when the fee is earned, based on predetermined benchmarks associated with the applicable account's performance.

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In light of the above, we estimate, using relevant information as of December 31, 2024 and assuming that all other factors remain constant, including the impact of business won and lost and client flows, that:

- A 10% increase or decrease in worldwide equity valuations, on a weighted average basis, over the relevant periods for which our management fees are calculated, would result in a corresponding change in our total management fee revenues, on average and over multiple quarters, of approximately 5%; and
- Changes in worldwide fixed income markets, which on a weighted average basis and over time are typically less volatile than worldwide equity markets, will have a significantly smaller corresponding impact on our management fee revenues on average and over time.

Daily averages, month-end averages and year-end indices demonstrate worldwide changes in equity and debt markets that affect our management fee revenue. Year-end indices affect the values of AUM as of those dates. See Table 3: Daily Averages, Month-End Averages and Year-End Equity Indices for selected indices. While the specific indices presented are indicative of general market trends, the asset types and classes relevant to individual client portfolios can and do differ, and the performance of associated relevant indices and of client portfolios can therefore differ from the performance of the indices presented. In addition, our asset classifications may differ from those industry classifications presented.

TABLE 9: ASSETS UNDER MANAGEMENT BY ASSET CLASS AND INVESTMENT APPROACH

(In billions)	December 31, 2024	December 31, 2023	December 31, 2022	% Change 2024 vs. 2023	% Change 2023 vs. 2022
Equity:					
Active	\$ 52	\$ 47	\$ 54	11 %	(13)%
Passive	2,955	2,466	2,075	20	19
Total equity	3,007	2,513	2,129	20	18
Fixed-income:					
Active	31	71	83	(56)	(14)
Passive	585	538	471	9	14
Total fixed-income	616	609	554	1	10
Cash ⁽¹⁾	518	467	376	11	24
Multi-asset-class solutions:					
Active	23	21	28	10	(25)
Passive	351	289	181	21	60
Total multi-asset-class solutions	374	310	209	21	48
Alternative investments ⁽²⁾ :					
Active	10	11	35	(9)	(69)
Passive ⁽³⁾	190	192	178	(1)	8
Total alternative investments	200	203	213	(1)	(5)
Total	\$ 4,715	\$ 4,102	\$ 3,481	15	18

⁽¹⁾ Includes both floating- and constant-net-asset-value portfolios held in commingled structures or separate accounts.

⁽²⁾ Includes real estate investment trusts, currency and commodities, including SPDR® Gold Shares and SPDR® Gold MiniSharesSM Trust. We are not the investment manager for the SPDR® Gold Shares and SPDR®Gold MiniSharesSM Trust, but act as the marketing agent.

⁽³⁾ AUM for passive alternative investments has been revised from prior presentations.

TABLE 10: GEOGRAPHIC MIX OF ASSETS UNDER MANAGEMENT⁽¹⁾

(In billions)	December 31, 2024	December 31, 2023	December 31, 2022	% Change 2024 vs. 2023	% Change 2023 vs. 2022
Americas	\$ 3,468	\$ 3,028	\$ 2,545	15 %	19 %
Europe/Middle East/Africa ⁽²⁾	713	577	510	24	13
Asia/Pacific	534	497	426	7	17
Total	\$ 4,715	\$ 4,102	\$ 3,481	15	18

⁽¹⁾ Geographic mix is based on client location or fund management location.

⁽²⁾ AUM for passive alternative investments has been revised from prior presentations.

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TABLE 11: EXCHANGE - TRADED FUNDS BY ASSET CLASS⁽¹⁾

(In billions)	December 31, 2024	December 31, 2023	December 31, 2022	% Change 2024 vs. 2023	% Change 2023 vs. 2022
Alternative Investments ⁽²⁾	\$ 90	\$ 73	\$ 67	23 %	9 %
Equity	1,310	1,038	817	26	27
Multi Asset	1	1	1	—	—
Fixed-Income	177	156	134	13	16
Total Exchange-Traded Funds	\$ 1,578	\$ 1,268	\$ 1,019	24	24

⁽¹⁾ ETFs are a component of AUM presented in the preceding table.

⁽²⁾ Includes real estate investment trusts, currency and commodities, including SPDR® Gold Shares and SPDR® Gold MiniSharesSM Trust. We are not the investment manager for the SPDR® Gold Shares and SPDR® Gold MiniSharesSM Trust, but act as the marketing agent.

TABLE 12: ACTIVITY IN ASSETS UNDER MANAGEMENT BY PRODUCT CATEGORY

(In billions)	Equity	Fixed- Income	Cash ⁽¹⁾	Multi-Asset-Class Solutions	Alternative Investments ⁽²⁾⁽³⁾	Total
Balance as of December 31, 2021	\$ 2,674	\$ 623	\$ 368	\$ 222	\$ 251	\$ 4,138
Long-term institutional flows, net ⁽⁴⁾	(97)	18	1	19	—	(59)
Exchange-traded fund flows, net	—	22	—	—	—	22
Total flows, net	(97)	40	1	19	—	(37)
Market appreciation (depreciation)	(397)	(94)	9	(28)	(31)	(541)
Foreign exchange impact	(51)	(15)	(2)	(4)	(7)	(79)
Total market/foreign exchange impact	(448)	(109)	7	(32)	(38)	(620)
Balance as of December 31, 2022	2,129	554	376	209	213	3,481
Long-term institutional flows, net ⁽⁴⁾	(98)	13	(1)	65	(26)	(47)
Exchange-traded fund flows, net	73	17	—	—	(2)	88
Cash fund flows, net	—	—	76	—	—	76
Total flows, net	(25)	30	75	65	(28)	117
Market appreciation (depreciation)	408	26	16	35	15	500
Foreign exchange impact	1	(1)	—	1	3	4
Total market/foreign exchange impact	409	25	16	36	18	504
Balance as of December 31, 2023	2,513	609	467	310	203	4,102
Long-term institutional flows, net ⁽⁴⁾	(7)	(8)	1	34	(17)	3
Exchange-traded fund flows, net	85	24	—	—	—	109
Cash fund flows, net	—	—	32	—	—	32
Total flows, net	78	16	33	34	(17)	144
Market appreciation (depreciation)	457	4	21	32	21	535
Foreign exchange impact	(41)	(13)	(3)	(2)	(7)	(66)
Total market/foreign exchange impact	416	(9)	18	30	14	469
Balance as of December 31, 2024	\$ 3,007	\$ 616	\$ 518	\$ 374	\$ 200	\$ 4,715

⁽¹⁾ Includes both floating and constant-net-asset-value portfolios held in commingled structures or separate accounts.

⁽²⁾ Includes real estate investment trusts, currency and commodities, including SPDR® Gold Shares and SPDR® Gold MiniSharesSM Trust. We are not the investment manager for the SPDR® Gold Shares and SPDR® Gold MiniSharesSM Trust, but act as the marketing agent.

⁽³⁾ AUM for passive alternative investments has been revised from prior presentations.

⁽⁴⁾ Amounts represent long-term portfolios, excluding ETFs.

Foreign Exchange Trading Services

Foreign exchange trading services revenue, as presented in Table 2: Total Revenue, increased 11% in 2024 compared to 2023, primarily due to higher client volumes, partially offset by lower spreads associated with lower average FX volatility. Foreign exchange trading services revenue comprises revenue generated by FX trading and revenue generated by brokerage and other trading services, which made up 63% and 37%, respectively, of foreign exchange trading services revenue in both 2024 and 2023.

We primarily earn FX trading revenue by acting as a principal market-maker through both “direct sales and trading” and “indirect FX trading.”

- **Direct sales and trading:** Represent FX transactions at negotiated rates with clients and investment managers that contact our trading desk directly. Clients are able to choose their own execution time and method, trading by voice or electronically on one of the several available multibank platforms. These principal market-making activities include transactions for funds serviced by third party custodians or prime brokers, as well as those funds under custody with us.

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- Indirect FX trading: Represents FX transactions with clients, for which we are the funds' custodian, or their investment managers, routed to our FX desk through our asset-servicing operation. We execute indirect FX trades as a principal at rates disclosed to our clients. Indirect FX is designed to address FX trades that relate to the purchase, sale or holding of a security where clients chose their execution frequency (either hourly or once per day), allowing us to offer straight-through processing and a fully automated service.

Our FX trading revenue is influenced by multiple factors, including: the volume and type of client FX transactions and related spreads; currency volatility, reflecting market conditions; and our management of exchange rate, interest rate and other market risks associated with our FX activities. The relative impact of these factors on our total FX trading revenues often differs from period to period. For example, assuming all other factors remain constant, increases or decreases in volumes or bid-offer spreads across product mix tend to result in increases or decreases, as the case may be, in client-related FX revenue.

Our clients that utilize indirect FX trading can, in addition to executing their FX transactions through dealers not affiliated with us, transition from indirect FX trading to either direct sales and trading execution, including our "Street FX" service. Street FX, in which we continue to act as a principal market-maker, enables our clients to define their FX execution strategy and automate the FX trade execution process, both for funds under custody with us as well as those under custody at another bank.

We also earn foreign exchange trading services revenue through "electronic FX services" and "other trading, transition management and brokerage revenue."

- Electronic FX services: Our clients may choose to execute FX transactions through one of our electronic trading platforms (i.e., FX Connect, Currenex). These transactions generate revenue through a "click" fee.
- Other trading, transition management and brokerage revenue: As our clients look to us to enhance and preserve portfolio values, they may choose to utilize our Transition or Currency Management capabilities or transact with our Equity Trade execution group. These transactions, which are not limited to foreign exchange, generate revenue via commissions charged for trades transacted during the management of these portfolios.

Fund Connect is another one of our electronic trading platforms: it is a global trading, analytics and cash management tool with access to more than 400 money market funds from leading providers.

Securities Finance

Securities finance revenue, as presented in Table 2: Total Revenue, increased 3% in 2024 compared to 2023, mainly due to higher client lending balances, partially offset by lower spreads primarily resulting from muted industry specials activity.

Our securities finance business consists of three components:

- (1) an agency lending program for State Street Global Advisors managed investment funds with a broad range of investment objectives, which we refer to as the State Street Global Advisors lending funds;
- (2) an agency lending program for third-party investment managers and asset owners, which we refer to as the agency lending funds; and
- (3) security lending transactions which we enter into as principal, which we refer to as our prime services business.

Securities finance revenue earned from our agency lending activities, which is composed of our split of both the spreads related to cash collateral and the fees related to non-cash collateral, is principally a function of the volume of securities on loan, the interest rate spreads and fees earned on the underlying collateral and our share of the fee split.

As principal, our prime services business borrows securities from the lending client or other market participants and then lends such securities to the subsequent borrower, either our client or a broker/dealer. We act as principal when the lending client is unable to, or elects not to, transact directly with the market and execute the transaction and furnish the securities. In our role as principal, we provide support to the transaction through our credit rating. While we source a significant proportion of the securities furnished by us in our role as principal from third parties, we have the ability to source securities through assets under custody from clients who have designated us as an eligible borrower.

Market influences may continue to affect client demand for securities finance, and as a result our revenue from, and the profitability of, our securities lending activities in future periods. In addition, the constantly evolving regulatory environment, including revised or proposed capital and liquidity standards, interpretations of those standards, and our own balance sheet management activities, may influence modifications to the way in which we deliver our agency lending or prime services businesses, the volume of our securities lending activity and related revenue and profitability in future periods.

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Software and Processing Fees

Software and processing fees revenue, as presented in Table 2: Total Revenue, increased 9% in 2024 compared to 2023, primarily due to higher front office software and data revenue associated with CRD.

Software and processing fees revenue includes diverse types of fees and revenue, including fees from front office software and data and lending related and other fees.

Front office software and data revenue, which primarily includes revenue from CRD, Alpha Data Platform and Alpha Data Services, increased 10% in 2024 compared to 2023, primarily due to software-enabled revenue growth, partially offset by lower on-premises renewals.

Revenue related to the front office solutions provided by CRD is primarily driven by the sale of term software licenses and SaaS, including professional services such as consulting and implementation services, software support and maintenance. Approximately 50%-70% of revenue associated with a sale of software to be installed on-premises is recognized at a point in time when the customer benefits from obtaining access to and use of the software license, with the percentage varying based on the length of the contract and other contractual terms. The remainder of revenue for on-premise installations is recognized over the length of the contract as maintenance and other services are provided. Upon renewal of an on-premises software contract, the same pattern of revenue recognition is followed with 50%-70% recognized upon renewal and the remaining balance recognized over the term of the contract. Revenue for a SaaS related arrangement, where the customer does not take possession of the software, is recognized over the term of the contract as services are provided. Upon renewal of a SaaS arrangement, revenue continues to be recognized as services are provided under the new contract. As a result of these differences in how portions of CRD revenue are accounted for, CRD revenue may vary more than other business units quarter to quarter.

Lending related and other fees increased 8% in 2024 compared to 2023, reflecting higher unfunded commitments primarily relating to our fund finance products. Lending related and other fees primarily consists of fee revenue associated with our fund finance, leveraged loans, municipal finance, insurance and stable value wrap businesses.

Other Fee Revenue

Other fee revenue includes market-related adjustments and income associated with other equity method investments.

Other fee revenue increased \$109 million in 2024, compared to 2023, primarily reflecting a \$66 million gain on sale of an equity investment and the absence of the impact of the Argentine peso devaluation in the prior year period.

Additional information about fee revenue is provided under "Line of Business Information" included in this Management's Discussion and Analysis.

Net Interest Income

See Table 2: Total Revenue, for the breakout of interest income and interest expense for the years ended December 31, 2024, 2023 and 2022.

NII is defined as interest income earned on interest-earning assets less interest expense incurred on interest-bearing liabilities. Interest-earning assets, which principally consist of investment securities, interest-bearing deposits with banks, loans, resale agreements and other liquid assets, are financed primarily by client deposits, short-term borrowings and long-term debt.

NIM represents the relationship between annualized FTE NII and average total interest-earning assets for the period. It is calculated by dividing FTE NII by average interest-earning assets. Revenue that is exempt from income taxes, mainly earned from certain investment securities (state and political subdivisions), is adjusted to an FTE basis using the U.S. federal and state statutory income tax rates.

NII increased 6% in 2024 compared to 2023, primarily due to higher investment securities yields and loan growth, partially offset by deposit mix shift towards interest-bearing deposits.

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See Table 13: Average Balances and Interest Rates - Fully Taxable-Equivalent Basis, for the breakout of NII on a FTE basis for the years ended December 31, 2024, 2023 and 2022.

TABLE 13: AVERAGE BALANCES AND INTEREST RATES - FULLY TAXABLE-EQUIVALENT BASIS⁽¹⁾

(Dollars in millions; fully taxable-equivalent basis)	Years Ended December 31,								
	2024			2023			2022		
	Average Balance	Interest Revenue/Expense	Rate	Average Balance	Interest Revenue/Expense	Rate	Average Balance	Interest Revenue/Expense	Rate
Interest-bearing deposits with banks	\$ 88,754	\$ 3,634	4.09 %	\$ 69,883	\$ 2,869	4.11 %	\$ 76,498	\$ 842	1.10 %
Securities purchased under resale agreements ⁽²⁾	6,789	686	10.10	1,764	312	17.67	2,116	188	8.88
Trading account assets	782	—	—	711	—	—	721	—	0.01
Investment securities:									
Investment securities available for sale	53,572	2,682	5.01	42,850	1,748	4.08	53,613	733	1.37
Investment securities held-to-maturity	51,212	1,090	2.13	62,915	1,262	2.01	58,316	979	1.68
Total Investment securities	104,784	3,772	3.60	105,765	3,010	2.85	111,929	1,712	1.53
Loans	39,660	2,272	5.73	34,800	1,863	5.35	35,117	973	2.77
Other interest-earning assets ⁽³⁾	25,300	1,616	6.39	18,098	1,131	6.25	20,850	383	1.84
Total interest-earning assets	266,069	11,980	4.50	231,021	9,185	3.98	247,231	4,098	1.66
Cash and due from banks	3,674			3,925			3,652		
Other non-interest-earning assets	41,980			39,750			35,547		
Total assets	\$ 311,723			\$ 274,696			\$ 286,430		
Interest-bearing deposits:									
U.S.	\$ 135,898	\$ 5,532	4.07 %	\$ 110,204	\$ 3,976	3.61 %	\$ 98,252	\$ 887	0.90 %
Non-U.S.	64,144	1,095	1.71	62,689	1,015	1.62	76,842	80	0.10
Total interest-bearing deposits ⁽⁴⁾⁽⁵⁾	200,042	6,627	3.31	172,893	4,991	2.89	175,094	967	0.55
Securities sold under repurchase agreements	3,163	156	4.93	3,904	34	0.87	3,633	14	0.39
Federal funds purchased	—	—	—	65	3	4.82	—	—	—
Other short-term borrowings	11,425	577	5.05	1,120	40	3.60	1,188	26	2.18
Long-term debt	20,394	1,086	5.32	17,355	888	5.12	14,132	376	2.66
Other interest-bearing liabilities ⁽⁶⁾	4,826	608	12.59	3,891	465	11.96	2,725	161	5.91
Total interest-bearing liabilities	239,850	9,054	3.77	199,228	6,421	3.22	196,772	1,544	0.78
Non-interest-bearing deposits ⁽⁵⁾	25,569			32,218			47,780		
Other non-interest-bearing liabilities	21,192			19,073			15,992		
Preferred shareholders' equity	2,773			1,976			1,976		
Common shareholders' equity	22,339			22,201			23,910		
Total liabilities and shareholders' equity	\$ 311,723			\$ 274,696			\$ 286,430		
Excess of rate earned over rate paid			0.73 %			0.75 %			0.87 %
Net interest income, fully taxable-equivalent basis		\$ 2,926			\$ 2,764			\$ 2,554	
Net interest margin, fully taxable-equivalent basis			1.10 %			1.20 %			1.03 %
Tax-equivalent adjustment		(3)			(5)			(10)	
Net interest income, GAAP basis		\$ 2,923			\$ 2,759			\$ 2,544	

⁽¹⁾ Rates earned/paid on interest-earning assets and interest-bearing liabilities include the impact of hedge activities associated with our asset and liability management activities where applicable.

⁽²⁾ Reflects the impact of balance sheet netting under enforceable netting agreements of approximately \$191.26 billion, \$140.36 billion and \$71.02 billion for the years ended December 31, 2024, 2023 and 2022, respectively. Excluding the impact of netting, the average interest rates would be approximately 0.46%, 0.22% and 0.26% for the years ended December 31, 2024, 2023 and 2022, respectively.

⁽³⁾ Reflects the impact of balance sheet netting under enforceable netting agreements of approximately \$6.96 billion, \$4.94 billion and \$5.39 billion for the years ended December 31, 2024, 2023 and 2022, respectively. Excluding the impact of netting, the average interest rates would be approximately 6.69%, 3.61% and 1.46% for the years ended December 31, 2024, 2023 and 2022, respectively.

⁽⁴⁾ Average rate includes the impact of FX swap costs of approximately (\$274) million, \$54 million and \$20 million for the years ended December 31, 2024, 2023 and 2022, respectively. Average rates for total interest-bearing deposits excluding the impact of FX swap costs were 3.45%, 2.86% and 0.55% for the years ended December 31, 2024, 2023 and 2022, respectively.

⁽⁵⁾ Total deposits averaged \$225.61 billion, \$205.11 billion and \$222.87 billion for the years ended December 31, 2024, 2023 and 2022, respectively.

⁽⁶⁾ Reflects the impact of balance sheet netting under enforceable netting agreements of approximately \$6.30 billion, \$4.67 billion and \$4.59 billion for the years ended December 31, 2024, 2023 and 2022, respectively. Excluding the impact of netting, the average interest rates would be approximately 7.30%, 5.43% and 2.20% for the years ended December 31, 2024, 2023 and 2022, respectively.

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Changes in the components of interest-earning assets and interest-bearing liabilities are discussed in more detail below. Additional information about the components of interest income and interest expense is provided in Note 17 to the consolidated financial statements in this Form 10-K.

Average total interest-earning assets were \$266.07 billion in 2024 compared to \$231.02 billion in 2023. The increase is primarily due to higher levels of client deposits and an increase in short-term wholesale funding.

Interest-bearing deposits with banks averaged \$88.75 billion in 2024 compared to \$69.88 billion in 2023. These deposits primarily reflect our maintenance of cash balances at the Federal Reserve, the European Central Bank (ECB) and other non-U.S. central banks. The higher levels of average cash balances reflect higher levels of client deposits and funding levels.

Securities purchased under resale agreements averaged \$6.79 billion in 2024 compared to \$1.76 billion in 2023, due to a shift to term repurchase agreements, which reduces our ability to net against resale agreement balances. Additionally, as a member of FICC, we may net securities sold under repurchase agreements against those purchased under resale agreements with counterparties that are also members of the clearing organization when specific netting criteria are met. The impact of balance sheet netting was \$191.26 billion on average in 2024 compared to \$140.36 billion in 2023, primarily driven by an increase in FICC repurchase agreement volumes.

We are a direct and sponsoring member of FICC. As a sponsoring member within FICC, we enter into repurchase and resale transactions in eligible securities with sponsored clients and with other FICC members and, pursuant to FICC Government Securities Division rules, submit, novate and net the transactions. We may sponsor clients to clear their eligible repurchase transactions with FICC, backed by our guarantee to FICC of the prompt and full payment and performance of our sponsored member clients' respective obligations. We generally obtain a security interest from our sponsored clients in the high quality securities collateral that they receive, which is designed to mitigate our potential exposure to FICC.

Additionally, as a member of certain industry clearing and settlement exchanges, we may be required to pay a pro rata share of the losses incurred by the organization and provide liquidity support in the event of the default of another member to the extent that the defaulting member's clearing fund obligation and the prescribed loss allocation to FICC is depleted. It is difficult to estimate our maximum possible exposure under the membership agreement,

since this would require an assessment of future claims that may be made against us that have not yet occurred. We did not record any liabilities under these arrangements as of both December 31, 2024 and 2023.

Average investment securities were \$104.78 billion in 2024 compared to \$105.77 billion in 2023. While the overall size of the portfolio was relatively flat in 2024 compared to 2023, it included higher U.S. Treasury securities, offset by lower mortgage-backed and non-U.S. sovereign and supranational securities.

Average loans increased to \$39.66 billion in 2024 compared to \$34.80 billion in 2023. Average core loans, which exclude overdrafts and highlight our efforts to grow our lending portfolio, averaged \$36.14 billion in 2024 compared to \$30.97 billion in 2023. The increase is primarily due to growth in CLOs in loan form and fund finance loans. Additional information about these loans is provided in Note 4 to the consolidated financial statements in this Form 10-K.

Average other interest-earning assets, largely associated with our prime service business, increased to \$25.30 billion in 2024 from \$18.10 billion in 2023, primarily driven by an increase in the level of cash collateral posted. Other interest-earning assets primarily reflects prime services assets where cash has been posted to borrow securities from lenders, which are then lent by us, as principal, to borrowers. This cash includes both cash from borrowers and cash utilized from our balance sheet, and is presented on a net basis on the balance sheet where we have enforceable netting agreements. Non-interest earning assets also includes a portion of our prime services assets where borrower-provided non-cash collateral has been utilized to borrow securities from lenders, which we subsequently loan, as principal, to our borrowers; in this structure our investment portfolio securities are encumbered, but this is not reflected on the balance sheet. Combined with our prime services liabilities, revenue from these activities generates securities finance fee revenue as well as net interest income.

Average total interest-bearing deposits increased to \$200.04 billion in 2024 from \$172.89 billion in 2023. The increase is driven by active engagement with our clients, rotation from non-interest bearing deposits and a reduction in the Federal Reserve's overnight repurchase agreement activity. Future interest-bearing deposit levels will be influenced by the underlying asset servicing business, client behavior, the mix of interest-bearing and non-interest-bearing deposits and market conditions, including the general levels of U.S. and non-U.S. interest rates.

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Average other short-term borrowings increased to \$11.43 billion in 2024 from \$1.12 billion in 2023, due to increased wholesale funding. The increase is driven by our effort to diversify our funding sources through relatively low-cost channels, to further support business growth.

Average long-term debt was \$20.39 billion in 2024 compared to \$17.36 billion in 2023. These amounts reflect issuances, redemptions and maturities of senior and subordinated debt during the respective periods.

Average other interest-bearing liabilities, largely associated with our prime services business, were \$4.83 billion in 2024 compared to \$3.89 billion in 2023. Other interest-bearing liabilities is primarily driven by cash received from our custody clients, which is presented on a net basis where we have enforceable netting agreements. Non-interest bearing liabilities also include a portion of our prime services liabilities where client-provided non-cash collateral has been received and we have rehypothecation rights. Securities received as collateral from our custody clients where we have no rehypothecation rights are used as a credit mitigant only and remain off balance sheet.

Several factors could affect future levels of NII and NIM, including the volume and mix of client deposits and funding sources; central bank actions; balance sheet management activities; changes in the level and slope of U.S. and non-U.S. interest rates; revised or proposed regulatory capital or liquidity standards, or interpretations of those standards; the yields earned on securities purchased compared to the yields earned on securities sold or matured; and changes in the type and amount of credit or other loans we extend.

Based on market conditions and other factors, including regulatory standards, we continue to reinvest the majority of the proceeds from pay-downs and maturities of investment securities in highly-rated U.S. and non-U.S. securities, such as federal agency MBS, sovereign debt securities and U.S. Treasury and agency securities. The pace at which we reinvest, and the types of investment securities purchased will depend on the impact of market conditions, the implementation of regulatory standards, including interpretation of those standards and other factors over time. We expect these factors and the levels of global interest rates to impact our reinvestment program and future levels of NII and NIM.

Provision for Credit Losses

In 2024, we recorded a \$75 million provision for credit losses, primarily reflecting an increase in loan loss reserves associated with certain commercial real

estate and leveraged loans, compared to \$46 million in 2023.

Additional information is provided under "Loans" in "Financial Condition" in this Management's Discussion and Analysis and in Note 4 to the consolidated financial statements in this Form 10-K.

Expenses

Table 14: Expenses, provides the breakout of expenses for the years ended December 31, 2024, 2023 and 2022. Total expenses decreased 1% compared to 2023, as higher business investments, as well as revenue and performance-related costs, were more than offset by productivity savings from organizational simplification, process improvements and other initiatives, including from the joint venture consolidations in India and the net impact of notable items. The net impact of notable items in the current and prior year periods decreased expenses by 5% points in 2024 as compared to 2023.

TABLE 14: EXPENSES

(Dollars in millions)	Years Ended December 31,			% Change 2024 vs. 2023	% Change 2023 vs. 2022
	2024	2023	2022		
Compensation and employee benefits	\$ 4,697	\$ 4,744	\$ 4,428	(1)%	7 %
Information systems and communications	1,829	1,703	1,630	7	4
Transaction processing services	998	957	971	4	(1)
Occupancy	437	426	394	3	8
Amortization of other intangible assets	230	239	238	(4)	—
Acquisition and restructuring costs	—	(15)	65	nm	nm
Other:					
Professional services	465	428	375	9	14
Other	874	1,101	700	(21)	57
Total other	1,339	1,529	1,075	(12)	42
Total expenses	<u>\$ 9,530</u>	<u>\$ 9,583</u>	<u>\$ 8,801</u>	(1)	9
Number of employees at year-end	52,626	46,451	42,226	13	10

Compensation and employee benefits expenses decreased 1% in 2024 compared to 2023, as higher performance-based incentive compensation and employee benefits were more than offset by ongoing organizational simplification, process improvements and other initiatives, as well as net benefits from the joint venture consolidations in India and lower net impact of notable items. The net impact of notable items in the current and prior year periods decreased compensation and employee benefits expenses by 3% points in 2024 as compared to 2023.

Total headcount increased 13% as of December 31, 2024 compared to December 31, 2023, primarily reflecting the consolidation of our second joint venture in India in the second quarter of 2024. Associated headcount cost was previously reflected in compensation and employee benefits expenses.

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Information systems and communications expenses increased 7% in 2024 compared to 2023, primarily reflecting higher technology and infrastructure investments, the absence of episodic vendor credits and notable items, partially offset by vendor savings initiatives and optimization savings. The absence of the prior year notable items decreased information systems and communications expenses by 3% points in 2024, as compared to 2023.

Transaction processing services expenses increased 4% in 2024 compared to 2023, primarily due to higher revenue-related costs associated with sub-custody, broker fees and market data costs.

Occupancy expenses increased 3% in 2024 compared to 2023, primarily driven by footprint expansion related to the joint venture consolidations in India, partially offset by footprint optimization and one-time vendor credits.

Amortization of other intangible assets decreased 4% in 2024 compared to 2023.

Other expenses decreased 12% in 2024 compared to 2023, primarily reflecting the impact of the FDIC special assessment notable items in the current and prior year periods, partially offset by higher professional services, and higher sales, marketing and other fund related expenses.

Repositioning Charges

In 2024, we recorded a net repositioning release of \$2 million, including a \$15 million release reflected in compensation and employee benefits expenses, partially offset by \$13 million of occupancy charges related to footprint optimization.

In 2023, we recorded net repositioning charges of approximately \$203 million to enable the next phase of our productivity efforts to streamline operations and technology, and improve efficiency. Expenses for 2023 included \$182 million of compensation and employee benefits expenses related to workforce rationalization and \$21 million of occupancy costs related to real estate footprint optimization.

The following table presents aggregate activity for repositioning charges for the periods indicated:

TABLE 15: REPOSITIONING CHARGES

(In millions)	Employee Related Costs	Real Estate Actions	Total
Accrual Balance at December 31, 2021	\$ 68	\$ 6	\$ 74
Accruals for Repositioning Charges	58	20	78
Payments and other adjustments	(43)	(21)	(64)
Accrual Balance at December 31, 2022	83	5	88
Accruals for Repositioning Charges	182	21	203
Payments and other adjustments	(58)	(25)	(83)
Accrual Balance at December 31, 2023	207	1	208
Accruals for Repositioning Charges	(15)	13	(2)
Payments and other adjustments	(96)	(14)	(110)
Accrual Balance at December 31, 2024	<u>\$ 96</u>	<u>\$ —</u>	<u>\$ 96</u>

Income Tax Expense

Income tax expense was \$708 million in 2024 compared to \$372 million in 2023. Our effective tax rate was 20.8% in 2024 compared to 16.1% in 2023, primarily due to lower impact of business tax credits, an increase in foreign tax-related costs and a decrease in discrete benefits.

Additional information regarding income tax expense, including unrecognized tax benefits and tax contingencies, is provided in Notes 13 and 22 to the consolidated financial statements in this Form 10-K.

LINE OF BUSINESS INFORMATION

Our operations are organized into two lines of business: Investment Servicing and Investment Management, which are defined based on products and services provided. The results of operations for these lines of business are not necessarily comparable with those of other companies, including companies in the financial services industry. For the description of our lines of business refer to "Lines of Business" in Item 1 in this Form 10-K. Certain amounts are not allocated to our two lines of business. For further information, please refer to Note 24 to the consolidated financial statements in this Form 10-K.

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Investment Servicing

TABLE 16: INVESTMENT SERVICING LINE OF BUSINESS RESULTS

(Dollars in millions, except where otherwise noted)	Years Ended December 31,			% Change 2024 vs. 2023	% Change 2023 vs. 2022
	2024	2023	2022		
Servicing fees	\$ 5,016	\$ 4,922	\$ 5,087	2 %	(3)%
Foreign exchange trading services	1,248	1,140	1,271	9	(10)
Securities finance	415	402	397	3	1
Software and processing fees	888	811	789	9	3
Other fee revenue	188	145	46	30	nm
Total fee revenue	<u>7,755</u>	<u>7,420</u>	<u>7,590</u>	5	(2)
Net interest income	2,899	2,740	2,551	6	7
Total other income	2	—	(2)	nm	nm
Total revenue	10,656	10,160	10,139	5	—
Provision for credit losses	75	46	20	63	nm
Total expenses	7,687	7,413	7,260	4	2
Income before income tax expense	\$ 2,894	\$ 2,701	\$ 2,859	7	(6)
Pre-tax margin	27 %	27 %	28 %		
Average assets (in billions)	\$ 308.5	\$ 271.5	\$ 283.2		

^{nm} Not meaningful

Servicing Fees

Servicing fees, as presented in Table 16: Investment Servicing Line of Business Results, increased 2% in 2024 compared to 2023, primarily due to as higher average market levels and net new business, excluding a previously disclosed client transition, were partially offset by pricing headwinds, a previously disclosed client transition and lower client activity and adjustments, including asset mix shift.

For additional information about servicing fees and the impact of worldwide equity and fixed-income valuations on our fee revenue, as well as other key drivers of our servicing fee revenue, refer to “Fee Revenue” in “Consolidated Results of Operations” included in this Management’s Discussion and Analysis.

Expenses

Total expenses for Investment Servicing increased 4% in 2024 compared to 2023, as higher business investments, as well as revenue and performance-related costs, were partially offset by productivity savings from organizational simplification, process improvements and other initiatives, including from the joint venture consolidations in India. Additional information about expenses is provided under “Expenses” in “Consolidated Results of Operations” included in this Management’s Discussion and Analysis.

Investment Management

TABLE 17: INVESTMENT MANAGEMENT LINE OF BUSINESS RESULTS

(Dollars in millions, except where otherwise noted)	Years Ended December 31,			% Change 2024 vs. 2023	% Change 2023 vs. 2022
	2024	2023	2022		
Management fees ⁽¹⁾	\$ 2,124	\$ 1,876	\$ 1,939	13 %	(3)%
Foreign exchange trading services ⁽²⁾	138	125	82	10	52
Securities finance	23	24	19	(4)	26
Other fee revenue ⁽³⁾	35	35	(47)	—	nm
Total fee revenue	<u>2,320</u>	<u>2,060</u>	<u>1,993</u>	13	3
Net interest income	24	19	(7)	26	nm
Total revenue	2,344	2,079	1,986	13	5
Total expenses	1,655	1,540	1,396	7	10
Income before income tax expense	\$ 689	\$ 539	\$ 590	28	(9)
Pre-tax margin	29 %	26 %	30 %		
Average assets (in billions)	\$ 3.2	\$ 3.2	\$ 3.2		

⁽¹⁾ Includes revenues from SPDR® Gold Shares and SPDR® Gold MiniSharesSM Trust AUM where we are not the investment manager but act as the marketing agent.

⁽²⁾ Includes revenue for reimbursements received for certain ETFs associated with State Street Global Advisors where we act as the distribution and marketing agent.

⁽³⁾ Includes other revenue items that are primarily driven by equity market movements.

^{nm} Not meaningful

MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Investment Management total revenue increased 13% in 2024 compared to 2023.

Management Fees

Management fees increased 13% in 2024 compared to 2023, primarily due to higher average market levels and net inflows.

For additional information about the impact of worldwide equity and fixed-income valuations, as well as other key drivers of our management fees revenue, refer to "Fee Revenue" in "Consolidated Results of Operations" included in this Management's Discussion and Analysis.

Expenses

Total expenses for Investment Management increased 7% in 2024 compared to 2023, reflecting higher revenue-related fund expenses, performance-based incentive compensation, and salaries and employee benefits.

Additional information about expenses is provided under "Expenses" in "Consolidated Results of Operations" included in this Management's Discussion and Analysis.

For additional information about our two lines of business, as well as the revenues, expenses and capital allocation methodologies associated with them, refer to Note 24 to the consolidated financial statements in this Form 10-K.

FINANCIAL CONDITION

The structure of our consolidated statement of condition is primarily driven by the liabilities generated by our Investment Servicing and Investment Management lines of business. Our clients' needs and our operating objectives determine the volume, mix and currency denomination of our assets and liabilities. As our clients execute their worldwide cash management and investment activities, they utilize deposits and short-term investments that constitute the majority of our liabilities. These liabilities are generally in the form of interest-bearing transaction account deposits, which are denominated in a variety of currencies; non-interest-bearing demand deposits; and repurchase agreements, which generally serve as short-term investment alternatives for our clients.

Deposits and other liabilities resulting from client initiated transactions are invested in assets that generally have contractual maturities significantly longer than our liabilities; however, we evaluate the operational nature of our deposits and seek to maintain appropriate short-term liquidity of those liabilities that are not operational in nature and maintain longer-termed assets for our operational deposits. Our assets consist primarily of securities held in our AFS or HTM portfolios and short-duration financial instruments, such as interest-bearing deposits with banks and securities purchased under resale agreements. The actual mix of assets is determined by the characteristics of the client liabilities and our desire to maintain a well-diversified portfolio of high-quality assets.

Additional information on our financial condition is presented in Table 13: Average Balances and Interest Rates - Fully Taxable-Equivalent Basis. We believe the average statement of condition is a better measure of the balance sheet trends as period-end balances can be impacted by the timing of client activities including deposits and withdrawals.

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Investment Securities

TABLE 18: CARRYING VALUES OF INVESTMENT SECURITIES

(In millions)	As of December 31,		
	2024	2023	2022
Available-for-sale:			
U.S. Treasury and federal agencies:			
Direct obligations	\$ 23,525	\$ 8,301	\$ 7,981
Mortgage-backed securities ⁽¹⁾	10,566	10,755	8,509
Total U.S. Treasury and federal agencies	<u>34,091</u>	<u>19,056</u>	<u>16,490</u>
Non-U.S. debt securities:			
Mortgage-backed securities	2,430	1,857	1,623
Asset-backed securities ⁽²⁾	1,868	2,137	1,669
Non-U.S. sovereign, supranational and non-U.S. agency	13,939	15,100	14,089
Other ⁽³⁾	2,821	2,735	2,091
Total non-U.S. debt securities	<u>21,058</u>	<u>21,829</u>	<u>19,472</u>
Asset-backed securities:			
Student loans ⁽⁴⁾	90	114	115
Collateralized loan obligations ⁽⁵⁾	3,453	2,527	2,355
Non-agency CMBS and RMBS ⁽⁶⁾	4	249	231
Other	91	90	88
Total asset-backed securities	<u>3,638</u>	<u>2,980</u>	<u>2,789</u>
State and political subdivisions	56	355	823
Other U.S. debt securities ⁽⁷⁾	52	306	1,005
Total available-for-sale securities ⁽⁸⁾⁽⁹⁾	<u>\$ 58,895</u>	<u>\$ 44,526</u>	<u>\$ 40,579</u>
Held-to-maturity:			
U.S. Treasury and federal agencies:			
Direct obligations	\$ 5,417	\$ 8,584	\$ 11,693
Mortgage-backed securities ⁽¹⁰⁾	36,101	39,472	42,307
Total U.S. Treasury and federal agencies	<u>41,518</u>	<u>48,056</u>	<u>54,000</u>
Non-U.S. debt securities:			
Non-U.S. sovereign, supranational and non-U.S. agency	3,673	5,757	6,603
Total non-U.S. debt securities	<u>3,673</u>	<u>5,757</u>	<u>6,603</u>
Asset-backed securities:			
Student loans ⁽⁴⁾	2,536	3,298	3,955
Non-agency CMBS and RMBS ⁽¹¹⁾	—	6	142
Total asset-backed securities	<u>2,536</u>	<u>3,304</u>	<u>4,097</u>
Total held-to-maturity securities ⁽⁸⁾⁽¹²⁾	<u>\$ 47,727</u>	<u>\$ 57,117</u>	<u>\$ 64,700</u>

⁽¹⁾ As of December 31, 2024, 2023 and 2022, the total fair value included \$4.36 billion, \$5.54 billion and \$6.78 billion, respectively, of agency CMBS and \$6.20 billion, \$5.21 billion and \$1.73 billion, respectively, of agency MBS.

⁽²⁾ As of December 31, 2024, 2023 and 2022, the fair value includes non-U.S. collateralized loan obligations of \$0.70 billion, \$1.02 billion and \$0.86 billion, respectively.

⁽³⁾ As of December 31, 2024, 2023 and 2022, the fair value includes non-U.S. corporate bonds of \$2.54 billion, \$2.36 billion and \$1.14 billion, respectively.

⁽⁴⁾ Primarily comprised of securities guaranteed by the federal government with respect to at least 97% of defaulted principal and accrued interest on the underlying loans.

⁽⁵⁾ Excludes collateralized loan obligations in loan form. Refer to Note 4 for additional information.

⁽⁶⁾ Consists entirely of non-agency RMBS as of December 31, 2024 and entirely of non-agency CMBS as of both December 31, 2023 and 2022.

⁽⁷⁾ As of December 31, 2024, 2023 and 2022, the fair value of U.S. corporate bonds was \$0.05 billion, \$0.31 billion and \$1.01 billion, respectively.

⁽⁸⁾ An immaterial amount of accrued interest related to HTM and AFS investment securities was excluded from the amortized cost basis for the period ended December 31, 2024.

⁽⁹⁾ As of December 31, 2024 and 2023, we had no allowance for credit losses on AFS investment securities. As of December 31, 2022, we had an allowance for credit losses on AFS investment securities of \$2 million.

⁽¹⁰⁾ As of December 31, 2024, 2023 and 2022, the total amortized cost included \$5.18 billion, \$5.23 billion and \$4.99 billion of agency CMBS, respectively.

⁽¹¹⁾ Consists entirely of non-agency RMBS as of December 31, 2023. As of December 31, 2022, the total amortized cost included \$133 million of non-agency CMBS and \$9 million of non-agency RMBS.

⁽¹²⁾ As of December 31, 2024, we had no allowance for credit losses on HTM investment securities. As of December 31, 2023, we had an allowance for credit losses on HTM investment securities of \$1 million. As of December 31, 2022, we had no allowance for credit losses on HTM investment securities.

Additional information about our investment securities portfolio is provided in Note 3 to the consolidated financial statements in this Form 10-K.

We manage our investment securities portfolio by taking into consideration the interest rate and duration characteristics of our client liabilities along with the context of the overall structure of our consolidated statement of condition, and in consideration of the global interest rate environment. We consider a well-diversified, high-credit quality investment securities portfolio to be an important element in the management of our consolidated statement of condition.

Average duration of our investment securities portfolio, including the impact of hedges, was 2.2 years and 2.7 years as of December 31, 2024 and 2023, respectively.

Approximately 97% and 96% of the carrying value of the portfolio was rated "AA" or higher as of December 31, 2024 and 2023, respectively, as follows:

TABLE 19: INVESTMENT PORTFOLIO BY EXTERNAL CREDIT RATING

	December 31, 2024	December 31, 2023
AAA ⁽¹⁾	88 %	85 %
AA	9	11
A	2	2
BBB	1	2
	<u>100 %</u>	<u>100 %</u>

⁽¹⁾ Includes U.S. Treasury and federal agency securities that are split-rated, "AAA" by Moody's Investors Service and "AA+" by Standard & Poor's and also includes Agency MBS securities which are not explicitly rated but which have an explicit or assumed guarantee from the U.S. government.

The following table presents the diversification of the investment portfolio with respect to asset class composition as of December 31, 2024 and 2023.

TABLE 20: INVESTMENT PORTFOLIO BY ASSET CLASS

	December 31, 2024	December 31, 2023
U.S. Agency		
Mortgage-backed securities	35 %	39 %
U.S. Treasuries	27	17
Non-U.S. sovereign, supranational and non-U.S. agency	17	20
Asset-backed securities	10	10
Other credit	11	14
	<u>100 %</u>	<u>100 %</u>

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The following table presents the net unamortized purchase premiums or discounts and net premium amortization or discount accretion related to the investment portfolio for the periods indicated:

TABLE 21: INVESTMENT SECURITIES NET PREMIUM AMORTIZATION (DISCOUNT ACCRETION)

(Dollars in millions)	Years Ended December 31,					
	2024			2023		
	MBS	Non-MBS	Total ⁽¹⁾	MBS	Non-MBS	Total ⁽¹⁾
Unamortized purchase premiums and (discounts) at period end	\$ 364	\$ (599)	\$ (235)	\$ 418	\$ (264)	154
Net premium amortization (discount accretion)	66	(316)	(250)	81	(78)	3

⁽¹⁾ Totals exclude premiums or discounts created from the transfer of securities from AFS to HTM.

Non-U.S. Debt Securities

Approximately 23% and 27% of the aggregate carrying value of our investment securities portfolio was non-U.S. debt securities as of December 31, 2024 and 2023, respectively.

TABLE 22: NON-U.S. DEBT SECURITIES⁽¹⁾

(In millions)	December 31, 2024	December 31, 2023
Available-for-sale:		
Canada	\$ 3,237	\$ 4,020
United Kingdom	2,702	2,141
Australia	2,055	1,833
France	1,565	1,386
Germany	1,195	1,389
Netherlands	446	690
Austria	382	339
Finland	312	141
Spain	301	230
Sweden	263	270
Italy	231	412
Mexico	216	—
Brazil	181	257
Republic of Korea	168	223
Singapore	141	249
Japan	114	769
Other ⁽²⁾	7,549	7,480
Total	\$ 21,058	\$ 21,829
Held-to-maturity:		
Ireland	\$ 397	\$ 440
Belgium	254	459
France	206	524
Germany	201	212
Finland	124	131
Canada	104	112
Austria	67	150
Spain	—	805
Netherlands	—	177
Other ⁽²⁾	2,320	2,747
Total	\$ 3,673	\$ 5,757

⁽¹⁾ Geography is determined primarily based on the domicile of collateral or issuer.

⁽²⁾ As of December 31, 2024, other non-U.S. investments include \$6.97 billion supranational bonds in AFS securities and \$2.32 billion supranational bonds in HTM securities.

Approximately 90% and 86% of the aggregate carrying value of these non-U.S. debt securities was rated “AAA” or “AA” as of December 31, 2024 and 2023, respectively. The majority of these securities comprised senior positions within the security structures; these positions have a level of protection provided through subordination and other forms of credit protection. As of December 31, 2024 and 2023, approximately 29% and 28%, respectively, of the aggregate carrying value of these non-U.S. debt securities was floating-rate.

As of December 31, 2024, our non-U.S. debt securities had an average market-to-book ratio of 99.8%, and an aggregate pre-tax net unrealized loss of \$40 million, consisting of gross unrealized gains of \$109 million and gross unrealized losses of \$149 million. These unrealized amounts included:

- a pre-tax net unrealized gain of \$26 million, consisting of gross unrealized gains of \$102 million and gross unrealized losses of \$76 million, associated with non-U.S. AFS debt securities; and
- a pre-tax net unrealized loss of \$66 million, consisting of gross unrealized gains of \$7 million and gross unrealized losses of \$73 million, associated with non-U.S. HTM debt securities.

As of December 31, 2024, the underlying collateral for non-U.S. MBS and ABS primarily included mortgages in Australia, the United Kingdom, the Netherlands and Italy. The securities listed under “Canada” were composed of Canadian government securities, corporate debt, covered bonds and non-U.S. agency securities. The securities listed under “France” were composed of sovereign bonds, corporate debt, covered bonds, ABS and non-U.S. agency securities. The securities listed under “Germany” were composed of non-U.S. agency securities, ABS and corporate debt.

Municipal Obligations

We carried approximately \$56 million of municipal securities classified as state and political subdivisions in our investment securities portfolio as of December 31, 2024, as shown in Table 18: Carrying Values of Investment Securities, all of which were classified as AFS. As of December 31, 2024, we also provided approximately \$5.32 billion of credit and liquidity facilities to municipal issuers.

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TABLE 23: STATE AND MUNICIPAL OBLIGORS⁽¹⁾

(Dollars in millions)	Total Municipal Securities	Credit and Liquidity Facilities ⁽²⁾	Total	% of Total Municipal Exposure
December 31, 2024				
State of Issuer:				
Texas	\$ —	\$ 2,006	\$ 2,006	37 %
New York	4	1,676	1,680	31
California	25	610	635	12
Total	<u>\$ 29</u>	<u>\$ 4,292</u>	<u>\$ 4,321</u>	
December 31, 2023				
State of Issuer:				
Texas	\$ 112	\$ 2,387	\$ 2,499	37 %
New York	25	1,687	1,712	25
California	28	1,082	1,110	16
Total	<u>\$ 165</u>	<u>\$ 5,156</u>	<u>\$ 5,321</u>	

⁽¹⁾ Represented 5% or more of our aggregate municipal credit exposure of approximately \$5.38 billion and \$6.80 billion across our businesses as of December 31, 2024 and 2023, respectively.

⁽²⁾ Includes municipal loans which are also presented within Table 25: U.S. and Non-U.S. Loans.

Our aggregate municipal securities exposure presented in Table 23: State and Municipal Obligors, was concentrated primarily with highly-rated counterparties, with approximately 93% of the obligors rated "AA" or higher as of December 31, 2024. As of that date, approximately 45% and 54% of our aggregate municipal securities exposure was associated with general obligation and revenue bonds, respectively. The portfolios are also diversified geographically, with the states that represent our largest exposures widely dispersed across the United States.

Additional information with respect to our assessment of the allowance for credit losses on debt securities and impairment of AFS securities is provided in Note 3 to the consolidated financial statements in this Form 10-K.

TABLE 24: CONTRACTUAL MATURITIES AND YIELDS

As of December 31, 2024 (Dollars in millions)	Under 1 Year		1 to 5 Years		6 to 10 Years		Over 10 Years		Total
	Amount	Yield	Amount	Yield	Amount	Yield	Amount	Yield	Amount
Available-for-sale⁽¹⁾:									
U.S. Treasury and federal agencies:									
Direct obligations	\$ 8,625	0.24 %	\$ 13,474	3.35 %	\$ 1,426	3.22 %	\$ —	— %	\$ 23,525
Mortgage-backed securities	49	5.23	1,819	4.99	2,493	4.91	6,205	5.18	10,566
Total U.S. treasury and federal agencies	<u>8,674</u>		<u>15,293</u>		<u>3,919</u>		<u>6,205</u>		<u>34,091</u>
Non-U.S. debt securities:									
Mortgage-backed securities	58	4.43	427	5.20	38	5.37	1,907	4.84	2,430
Asset-backed securities	276	3.77	279	3.74	1,007	4.74	306	3.89	1,868
Non-U.S. sovereign, supranational and non-U.S. agency	2,700	0.87	10,136	2.95	1,103	2.52	—	—	13,939
Other	371	—	2,346	4.41	104	4.31	—	—	2,821
Total non-U.S. debt securities	<u>3,405</u>		<u>13,188</u>		<u>2,252</u>		<u>2,213</u>		<u>21,058</u>
Asset-backed securities:									
Student loans	24	7.44	—	—	12	5.48	54	5.08	90
Collateralized loan obligations	37	5.87	78	6.06	1,877	5.87	1,461	5.96	3,453
Non-agency CMBS and RMBS	—	—	—	—	—	6.01	4	6.26	4
Other	—	—	91	5.28	—	—	—	—	91
Total asset-backed securities	<u>61</u>		<u>169</u>		<u>1,889</u>		<u>1,519</u>		<u>3,638</u>
State and political subdivisions ⁽²⁾	30	3.74	26	5.93	—	—	—	—	56
Other U.S. debt securities	29	0.77	23	3.13	—	—	—	—	52
Total	<u>\$ 12,199</u>		<u>\$ 28,699</u>		<u>\$ 8,060</u>		<u>\$ 9,937</u>		<u>\$ 58,895</u>
Held-to-maturity⁽¹⁾:									
U.S. Treasury and federal agencies:									
Direct obligations	\$ 4,557	0.48 %	\$ 851	0.78 %	\$ 1	5.57 %	\$ 8	5.07 %	\$ 5,417
Mortgage-backed securities	134	2.81	1,711	2.67	3,308	1.71	30,948	2.39	36,101
Total U.S. treasury and federal agencies	<u>4,691</u>		<u>2,562</u>		<u>3,309</u>		<u>30,956</u>		<u>41,518</u>
Non-U.S. debt securities:									
Non-U.S. sovereign, supranational and non-U.S. agency	1,409	1.98	2,044	1.12	220	0.73	—	—	3,673
Total non-U.S. debt securities	<u>1,409</u>		<u>2,044</u>		<u>220</u>		<u>—</u>		<u>3,673</u>
Asset-backed securities:									
Student loans	149	5.35	310	5.61	380	5.55	1,697	5.13	2,536
Total asset-backed securities	<u>149</u>		<u>310</u>		<u>380</u>		<u>1,697</u>		<u>2,536</u>
Total	<u>\$ 6,249</u>		<u>\$ 4,916</u>		<u>\$ 3,909</u>		<u>\$ 32,653</u>		<u>\$ 47,727</u>

⁽¹⁾ The maturities of MBS, ABS and CMOs are based on expected principal payments.

⁽²⁾ Yields were calculated on a FTE basis, using applicable statutory tax rates (21.0% as of December 31, 2024).

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Loans

TABLE 25: U.S. AND NON- U.S. LOANS

(In millions)	As of December 31,		
	2024	2023	2022
Domestic⁽¹⁾:			
Commercial and financial:			
Fund finance ⁽²⁾	\$ 16,347	\$ 13,697	\$ 12,154
Leveraged loans	2,742	2,412	2,431
Overdrafts	1,208	1,225	1,707
Collateralized loan obligations in loan form	50	150	100
Other ⁽³⁾	3,220	2,512	1,871
Commercial real estate	2,842	3,069	2,985
Total domestic	<u>26,409</u>	<u>23,065</u>	<u>21,248</u>
Foreign⁽¹⁾:			
Commercial and financial:			
Fund finance ⁽²⁾	6,601	4,956	3,949
Leveraged loans	1,082	1,194	1,118
Overdrafts	772	1,047	1,094
Collateralized loan obligations in loan form	8,336	6,369	4,741
Total foreign	<u>16,791</u>	<u>13,566</u>	<u>10,902</u>
Total loans ⁽⁴⁾	<u>43,200</u>	<u>36,631</u>	<u>32,150</u>
Allowance for loan losses	<u>(174)</u>	<u>(135)</u>	<u>(97)</u>
Loans, net of allowance	<u>\$ 43,026</u>	<u>\$ 36,496</u>	<u>\$ 32,053</u>

⁽¹⁾ Domestic and foreign categorization is based on the borrower's country of domicile.

⁽²⁾ Fund finance loans include primarily \$11.54 billion private equity capital call finance loans, \$8.09 billion loans to real money funds and \$1.44 billion loans to business development companies as of December 31, 2024, compared to \$9.69 billion and \$7.57 billion private equity capital call finance loans, \$6.63 billion and \$6.61 billion loans to real money funds and \$1.05 billion and \$1.11 billion loans to business development companies as of December 31, 2023 and 2022, respectively.

⁽³⁾ Includes \$3.01 billion securities finance loans and \$214 million loans to municipalities as of December 31, 2024, \$2.23 billion securities finance loans, \$276 million loans to municipalities and \$5 million other loans as of December 31, 2023 and \$1.51 billion securities finance loans, \$321 million loans to municipalities and \$42 million other loans as of December 31, 2022.

⁽⁴⁾ As of December 31, 2024, excluding overdrafts, floating rate loans totaled \$38.46 billion and fixed rate loans totaled \$2.76 billion. We have entered into interest rate swap agreements to hedge the forecasted cash flows associated with EURIBOR indexed floating-rate loans. See Note 10 to the consolidated financial statements in this Form 10-K for additional details.

We sold \$300 million of total loans, which consisted of \$250 million of leveraged loans and \$50 million of commercial real estate loans in 2024.

We had binding unfunded commitments as of December 31, 2024 and 2023 of \$104 million and \$121 million, respectively, to participate in syndications of leveraged loans. Additional information about these unfunded commitments is provided in Note 12 to the consolidated financial statements in this Form 10-K.

These leveraged loans, which are primarily rated "speculative" under our internal risk-rating framework (refer to Note 4 to the consolidated financial statements in this Form 10-K), are externally rated "BBB," "BB" or "B," with approximately 91% and 92% of the loans rated "BB" or "B" as of December 31, 2024 and 2023, respectively. Our investment strategy involves generally limiting our investment to larger, more liquid credits underwritten by major global

financial institutions, applying our internal credit analysis process to each potential investment and diversifying our exposure by counterparty and industry segment. However, these loans have significant exposure to credit losses relative to higher-rated loans in our portfolio.

As of December 31, 2024, the commercial real estate portfolio consists of, by asset class, approximately 38% multifamily residential, 36% office buildings and 26% other asset classes, and the portfolio does not have any construction exposure. Additionally, as of December 31, 2024, the commercial real estate loans are on properties located in multiple markets across the United States, with no significant concentrations (New York Metro is the largest concentration at approximately 17%). Despite not having a significant concentration in any one market, a material decline in real estate markets or economic conditions could negatively impact the value or performance of one or more individual properties, which could adversely impact timely loan repayment, which may result in increased provisions for credit losses. We observed these effects in certain commercial real estate loans during 2024, resulting in additional provisions for credit losses. Were conditions, or our evaluation of conditions, in those or other markets to worsen during 2025 or subsequent periods, we may increase our allowance for credit losses during those periods.

Additional information about all of our loan segments, as well as underlying classes, is provided in Note 4 to the consolidated financial statements in this Form 10-K.

TABLE 26: CONTRACTUAL MATURITIES FOR LOANS

(In millions)	As of December 31, 2024			
	Under 1 year	1 to 5 years	5 to 15 years	Total
Domestic:				
Commercial and financial	\$ 15,280	\$ 5,928	\$ 2,359	\$ 23,567
Commercial real estate	217	1,732	893	2,842
Total domestic	<u>15,497</u>	<u>7,660</u>	<u>3,252</u>	<u>26,409</u>
Foreign:				
Commercial and financial	5,752	2,318	8,721	16,791
Total foreign	<u>5,752</u>	<u>2,318</u>	<u>8,721</u>	<u>16,791</u>
Total loans	<u>\$ 21,249</u>	<u>\$ 9,978</u>	<u>\$ 11,973</u>	<u>\$ 43,200</u>

**MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION
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TABLE 27: CLASSIFICATION OF LOAN BALANCES DUE AFTER ONE YEAR

(In millions)	As of December 31, 2024	
	Loans with predetermined interest rates	Loans with floating or adjustable interest rates
Domestic:		
Commercial and financial	\$ 161	\$ 8,126
Commercial real estate	2,332	293
Total domestic	2,493	8,419
Foreign:		
Commercial and financial	—	11,038
Total foreign	—	11,038
Total loans	<u>\$ 2,493</u>	<u>\$ 19,457</u>

Allowance for credit losses

TABLE 28: ALLOWANCE FOR CREDIT LOSSES

(In millions)	Years Ended December 31,		
	2024	2023	2022
Allowance for credit losses:			
Beginning balance	\$ 150	\$ 121	\$ 108
Provision for credit losses (funded commitments) ⁽¹⁾	81	56	16
Provisions for credit losses (unfunded commitments)	(5)	(9)	4
Provisions for credit losses (investment securities and all other)	(1)	(1)	—
Charge-offs ⁽²⁾	(42)	(17)	(7)
Ending balance	<u>\$ 183</u>	<u>\$ 150</u>	<u>\$ 121</u>

⁽¹⁾ The provision for credit losses is primarily related to commercial real estate and leveraged loans.

⁽²⁾ The charge-offs are primarily related to leveraged loans and a commercial real estate loan.

As of December 31, 2024, the allowance for credit losses increased \$33 million compared to December 31, 2023, reflecting provision for credit losses of \$75 million primarily due to an increase in loan loss reserves associated with certain commercial real estate and leveraged loans, partially offset by charge-offs of \$42 million, largely related to a single property in the commercial real estate portfolio and certain leveraged loans.

As of December 31, 2024, approximately \$68 million of our allowance for credit losses was related to leveraged loans included in the commercial and financial segment and \$102 million was related to commercial real estate loans, compared to \$72 million and \$60 million as of December 31, 2023, respectively. The remaining \$13 million and \$18 million as of December 31, 2024 and 2023, respectively, was related to other loans, off-balance sheet commitments, interest-bearing deposits with banks and other financial assets held at amortized cost, including investment securities. As of December 31, 2024, the allowance for credit losses represented 0.4% of total loans.

As our view on current and future economic conditions changes, our allowance for credit losses related to these loans may be impacted through a change to the provisions for credit losses, reflecting

factors such as credit migration within our loan portfolio, as well as changes in management's economic outlook.

Additional information with respect to the allowance for credit losses, net impairment losses and gross unrealized losses related to investment securities, is provided in "Allowance for Credit Losses" under Significant Accounting Estimates and Note 3 to the consolidated financial statements in this Form 10-K.

RISK MANAGEMENT

Overview

In the normal course of our business activities, we are exposed to a variety of risks, some that are inherent in the financial services industry, and others that are more specific to our business activities. Our risk management framework focuses on material risks, which include the following:

- credit and counterparty risk;
- liquidity risk, including funding and management;
- operational risk;
- information technology risk;
- resiliency risk;
- market risk associated with our trading activities;
- market risk associated with our non-trading activities, referred to as asset and liability management, consisting primarily of interest rate risk;
- model risk;
- strategic risk; and
- reputational, compliance, fiduciary and business conduct risk.

Many of these risks, as well as certain factors underlying each of them, could affect our businesses and our consolidated financial statements, and are discussed in detail under "Risk Factors" in this Form 10-K.

The identification, assessment, monitoring, mitigation and reporting of risks are essential to our financial performance and successful management of our businesses. Accordingly, the scope of our business requires that we consider these risks as part of a comprehensive and well-integrated risk management function.

These risks, if not effectively managed, can result in losses to us as well as erosion of our capital and damage to our reputation. Our approach to risk management, including Board and senior management oversight and a system of policies, procedures, limits, risk measurement and monitoring and internal controls, allows for an assessment of

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risks within a framework for evaluating opportunities for the prudent use of capital that appropriately balances risk and return.

Our objective is to optimize our returns while operating at a prudent level of risk. In support of this objective, we have instituted a risk appetite framework that aligns our business strategy and financial objectives with the level of risk that we are willing to incur.

We manage risk with a focus on the following objectives:

- A culture of risk awareness that extends across all of our business activities;
- The identification, classification and quantification of our material risks;
- The establishment of our risk appetite and associated limits and policies, and our compliance with these limits;
- The establishment of a risk management structure that enables the control and coordination of risk-taking across the business lines;
- The implementation of stress testing practices and a dynamic risk-assessment capability (additional information with respect to our stress-testing process and practices is provided under "Capital" in this Management's Discussion and Analysis);
- A direct link between risk and strategic decision-making processes and incentive compensation practices; and
- The overall flexibility to adapt to the ever-changing business and market conditions.

Our risk appetite framework outlines the quantitative limits and qualitative goals that define the level and type of risk we are willing to undertake in the course of executing our business strategy, and also serves as a guide in setting risk limits across our business units. It further defines responsibilities for measuring and monitoring risk against limits, and for reporting, escalating, approving and addressing exceptions. Our risk appetite framework is established by ERM, a corporate risk oversight group, in conjunction with the MRAC and the RC of the Board. The Board formally reviews and approves our risk appetite statement annually, or more frequently in response to shifts in endogenous or exogenous risk conditions.

Governance and Structure

Our approach to risk management involves all levels of management, from the Board and its committees, including its E&A Committee, the RC, the

Human Resources Committee (HRC) and the TOPS, to each business unit and employee. We allocate responsibility for risk oversight so that risk/return decisions are made under a process designed to place appropriate personnel in positions of decision-making authority and subject to robust review and challenge.

Risk management is the responsibility of each employee, and is implemented through three lines of defense:

- The business units, which own and manage the risks inherent in their business, are considered the first line of defense;
- ERM and other support functions, such as Compliance, Finance and Vendor Management, provide the second line of defense; and
- Corporate Audit is the third line of defense, reports to the E&A committee of the Board and is independent from the business units, ERM and other corporate functions. Corporate Audit provides independent assurance to the Board over the design and operating effectiveness of key internal controls included within the risk management framework.

The responsibilities for effective review and challenge reside with senior managers, management oversight committees, Corporate Audit and, ultimately, the Board and its committees.

Corporate-level risk committees provide focused oversight, and establish corporate standards and policies for specific risks, including credit, country, market, liquidity, operational, cyber, information technology as well as new business products, regulatory compliance and ethics, vendor risk and model risks. These committees have been delegated the responsibility to develop recommendations and remediation strategies to address issues that affect or have the potential to affect us.

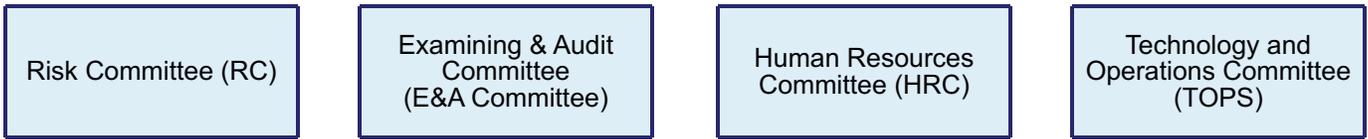
We maintain a risk governance committee structure which serves as the formal governance mechanism through which we seek to undertake the consistent identification, management and mitigation of various risks facing us in connection with our business activities. This governance structure is enhanced and integrated through multi-disciplinary involvement, particularly through ERM. The following chart presents this structure.

While our risk management program is designed to manage the risks in our businesses, internal and external factors may create risks that cannot always be identified or anticipated.

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Board Committee Risk Governance Structure

Board Committees:

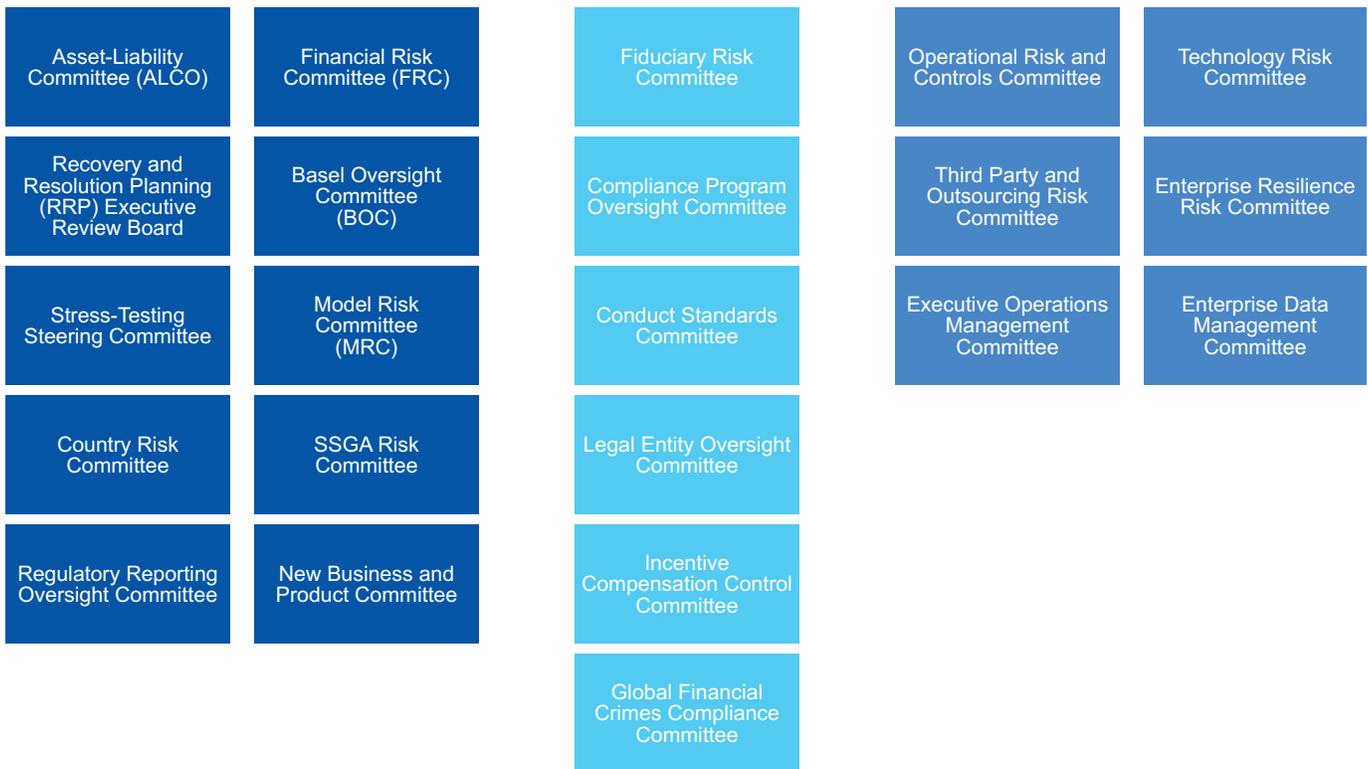


Management Risk Governance Committee Structure

Executive Management Committees:



Risk Committees:



MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Enterprise Risk Management

The goal of ERM is to ensure that risks are proactively identified, well-understood and prudently managed in support of our business strategy. ERM provides risk oversight, support and coordination to allow for the consistent identification, measurement and management of risks across business units separate from the business units' activities, and is responsible for the formulation and maintenance of corporate-wide risk management policies and guidelines.

Risk identification and assessments serve to enable ERM's understanding of business unit strategy, risk profile, and potential exposures and support the management of risk. This is achieved through a series of risk assessments across our business using techniques for the identification, assessment, and measurement of risk across a spectrum of potential frequency and severity combinations, including business-specific programs to identify, assess and measure risk, such as new business and product review and approval, new client screening, and, as deemed appropriate, targeted risk assessments. Two primary risk assessment programs, which are supplemented by other business-specific programs, are the core of this component:

- The Material Risk Identification process utilizes a bottom-up approach to identify our most significant risk exposures across on- and off-balance sheet risk-taking activities. The program is designed to consider risks that could have a material impact irrespective of their likelihood or frequency. This can include risks that may have an impact on longer-term business objectives, such as significant change management activities or long-term strategic initiatives.
- The Risk and Control Self-Assessment program comprises a structured process to identify, assess, and manage non-financial risks (operational and compliance) within our business lines and support functions. See also "Operational Risk Management" below.

In addition, ERM establishes and reviews limits and, in collaboration with business unit management, monitors key risks. Ultimately, ERM works to validate that risk-taking occurs within the risk appetite statement approved by the Board and conforms to associated risk policies, limits and guidelines.

The CRO is responsible for our risk management globally, leads ERM and has a dual reporting line to our CEO and the Board's RC.

Board Committees

The Board has four committees which assist it in discharging its responsibilities with respect to risk management: the RC, the E&A Committee, the HRC and the TOPS.

- The RC is responsible for oversight related to the operation of our global risk management framework, including policies and procedures establishing risk management governance and processes and risk control infrastructure. It is responsible for reviewing and discussing with management our assessment and management of all risks applicable to our operations, including credit, market, interest rate, liquidity, operational, regulatory, technology, business, compliance and reputation risks, and related policies. In addition, the RC provides oversight of capital policies, capital planning and balance sheet management, resolution planning and monitors capital adequacy in relation to risk. It is also responsible for discharging the duties and obligations of the Board under applicable Basel and other regulatory requirements.
- The E&A Committee oversees management's operation of our comprehensive system of internal controls covering the integrity of our consolidated financial statements and reports, compliance with laws, regulations and corporate policies. The E&A Committee acts on behalf of the Board in monitoring and overseeing the performance of Corporate Audit and in reviewing certain communications with banking regulators. The E&A Committee has direct responsibility for the appointment, compensation, retention, evaluation and oversight of the work of our independent registered public accounting firm, including sole authority for the establishment of pre-approval policies and procedures for all audit engagements and any non-audit engagements.
- The HRC has direct responsibility for the oversight of human capital management, all compensation plans, policies and programs in which executive officers participate and incentive, retirement, welfare as well as equity plans in which certain of our other employees participate. In addition, it oversees the alignment of our incentive compensation arrangements with our safety and soundness, including the integration of risk management objectives, and related policies, arrangements and control processes

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consistent with applicable related regulatory rules and guidance.

- The TOPS leads and assists in the Board's oversight of technology and operational risk management and the role of these risks, including cyber risk, in executing our strategy and supporting our global business requirements. The TOPS reviews strategic initiatives from a technology and operational risk perspective and reviews and approves technology-related risk matters. In addition, the TOPS reviews matters related to corporate information security and cybersecurity programs, and their related risks, operational and technology resiliency, data and access management and third-party risk management.

Executive Management Committees

MRAC is the senior management decision-making body for risk and capital issues, and oversees our financial risks, our consolidated statement of condition, and our capital adequacy, liquidity and recovery and resolution planning. Its responsibilities include:

- The approval of our global risk policies, capital and liquidity management frameworks, including our risk appetite framework;
- The monitoring and assessment of our capital adequacy based on internal policies and regulatory requirements;
- The oversight of our firm-wide risk identification, model risk governance, stress testing and Recovery and Resolution Planning programs; and
- The ongoing monitoring and review of risks undertaken within the businesses, and our senior management oversight and approval of risk strategies and tactics.

MRAC is co-chaired by our CRO and Chief Financial Officer, who regularly present to the RC on developments in the risk environment and performance trends in our key business areas.

BCCC provides oversight of the management of culture, conduct and compliance risks, including culture and conduct programs, frameworks and compliance risk exposures that could result in reputational risk. The BCCC is co-chaired by our Chief Compliance Officer and our General Counsel.

TORC provides oversight and assesses the effectiveness of enterprise-wide technology and operational risk management programs. TORC also reviews areas of improvement to manage and control technology and operational risk consistently across

the organization. TORC is co-chaired by the Chief Operating Officer and the CRO.

Risk Committees

The following second line risk committees, under the oversight of the respective executive management committees, have focused responsibilities for oversight of specific areas of risk management:

Management Risk and Capital Committee

- **ALCO** is the senior corporate oversight and decision-making body for balance sheet strategy, Global Treasury business activities and risk management for interest rate risk, liquidity risk and non-trading market risk. ALCO's roles and responsibilities are designed to be complementary to, and in coordination with the MRAC, which approves the corporate risk appetite and associated balance sheet strategy;
- **FRC** provides second line oversight of financial risk at State Street, supporting alignment with our risk appetite and policies and procedures. Key activities include risk appetite development, limit setting and breach management, risk policies and procedures oversight, and independent stress-testing;
- **BOC** provides oversight and governance over Basel related regulatory requirements, assesses compliance with respect to Basel regulations and approves all material methodologies and changes, policies and reporting;
- **RRP Executive Review Board** oversees the development of recovery and resolution plans as required by banking regulators;
- **MRC** monitors the overall level of model risk and provides oversight of the model governance process pertaining to all models, including the validation of key models and the ongoing monitoring of model performance. The MRC may also, as appropriate, mandate remedial actions and compensating controls to be applied to models to address modeling deficiencies as well as other issues identified;
- **Stress Testing Steering Committee** provides primary supervision of our stress testing program, including stress tests performed in conformity with the Federal Reserve's CCAR process, and is responsible for the overall management, review, and approval of all material assumptions, methodologies, and results of each stress scenario;

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- **State Street Global Advisors Risk Committee** is the most senior oversight and decision-making committee for risk management within State Street Global Advisors; the committee is responsible for overseeing the alignment of State Street Global Advisors' strategy, and risk appetite, as well as alignment with our corporate-wide strategy and risk management standards;
- **New Business and Product Committee** provides oversight of the evaluation of the risk inherent in proposed new products or services, new business, and extensions of existing products or services, including economic justification, material risk, compliance, regulatory and legal considerations, and capital and liquidity analyses;
- **Country Risk Committee** oversees the identification, assessment, monitoring, reporting and mitigation, where necessary, of country risks; and
- **Regulatory Reporting Oversight Committee** is responsible for providing oversight of regulatory reporting and related report governance processes and accountabilities.

Business Conduct and Compliance Committee

- **Fiduciary Risk Committee** reviews and assesses the fiduciary risk management programs of those units in which we serve in a fiduciary capacity;
- **Compliance Program Oversight Committee** provides review and oversight of our compliance programs, including our culture of compliance and high standards of ethical behavior;
- **The Conduct Standards Committee** provides oversight of our enforcement of employee conduct standards;
- **Legal Entity Oversight Committee** establishes standards with respect to the governance of our legal entities, monitors adherence to those standards, and oversees the ongoing evaluation of our legal entity structure, including the formation, maintenance and dissolution of legal entities;
- **The Incentive Compensation Control Committee** serves as the forum for the formal review and risk assessment of the design, implementation and monitoring of incentive compensation arrangements; and
- **The Global Financial Crimes Compliance Committee** provides oversight and strategic direction for the Financial Crimes program,

comprised of the AML and Sanctions, Fraud, Anti-Bribery and Corruption and Market Surveillance programs.

Technology and Operational Risk Committee

- **Operational Risk and Controls Committee** along with the support of regional business or entity-specific working groups and committees, is responsible for oversight of our operational risk programs, including determining that the implementation of those programs is designed to identify, manage and control operational risk in an effective and consistent manner across the firm;
- **Technology Risk Committee** is responsible for the global oversight, review and monitoring of operational, legal and regulatory compliance and reputational risk that may result in a significant change to our information technology or cyber risk profile or a material financial loss or reputational impact to global technology services. The Committee serves as a forum to provide regular reporting to TORC and escalate technology and cyber risk and control issues to TORC, as appropriate;
- **Enterprise Resilience Risk Committee** considers matters pertaining to business continuity, operational resilience, and related risks, including oversight in determining the direction of the continuity program and continuity strategy and approach;
- **Global Third Party and Outsourcing Risk Committee** is responsible for overseeing our framework and processes for the identification, assessment, and ongoing management of third party and outsourcing-related risks. This committee is also a decision-making body for third party risk acceptance and the end-to-end third party management process, including the oversight of appropriate controls and risk mitigants that comply with applicable regulatory standards;
- **Executive Operations Management Committee** is a forum for the development of strategy, decision-making, and escalation for operations, regulatory remediation, product management, technology, and the operating model; and
- **Enterprise Data Management Committee** oversees the enterprise-wide data management strategy, provides senior oversight of the programs associated with enterprise-wide data management, serves as an escalation point for material and emerging enterprise-wide data management issues,

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and determines / oversees enterprise-wide data management priorities and strategy.

Credit and Counterparty Risk Management

Core Policies and Principles

We define credit risk as the risk of financial loss if a counterparty, borrower or obligor, collectively referred to as a counterparty, is either unable or unwilling to repay borrowings or settle a transaction in accordance with underlying contractual terms. We assume credit risk in our traditional non-trading lending activities, such as overdrafts, loans and contingent commitments, in our investment securities portfolio, where recourse to a counterparty exists, and in our direct and indirect trading activities, such as securities purchased under a resale agreement, principal securities lending and FX and indemnified agency securities lending. We also assume credit risk in our day-to-day treasury and securities and other settlement operations, in the form of deposit placements and other cash balances, with central banks or private sector institutions and fees receivables.

We distinguish between three major types of credit risk:

- **Default risk** - the risk that a counterparty fails to meet its contractual payment obligations;
- **Country risk** - the risk that we may suffer a loss, in any given country, due to any of the following reasons: deterioration of economic conditions, political and social upheaval, nationalization and appropriation of assets, government repudiation of indebtedness, exchange controls and disruptive currency depreciation or devaluation; and
- **Settlement risk** - the risk that the settlement or clearance of transactions will fail, which arises whenever the exchange of cash, securities or other assets is not simultaneous.

The acceptance of credit risk by us is governed by corporate policies and guidelines, which include standardized procedures applied across the entire organization. These policies and guidelines include specific requirements related to each counterparty's risk profile; the markets served; counterparty, industry and country concentrations; and regulatory compliance. These policies and procedures also implement a number of core principles, which include the following:

- We measure and consolidate credit risks attributed to each counterparty, or group of counterparties, in accordance with a "one-obligor" principle that aggregates risks across our business units;

- ERM reviews and approves all material extensions of credit, and material changes to such extensions of credit (such as changes in term, collateral structure or covenants), in accordance with assigned credit-approval authorities;
- Credit-approval authorities are assigned to individuals according to their qualifications, experience and training, and these authorities are periodically reviewed. Our largest exposures require approval by the Credit Committee, a subcommittee of the FRC. With respect to small and low-risk extensions of credit to certain types of counterparties, approval authority may be granted to individuals outside of ERM;
- We seek to avoid or limit undue concentrations of risk. Counterparty (or groups of counterparties), industry, country and product-specific concentrations of risk are subject to frequent review and approval in accordance with our risk policies and appetite;
- We evaluate the creditworthiness of counterparties through a detailed risk assessment, including the use of internal risk-rating methodologies;
- We review all extensions of credit and the creditworthiness of counterparties at least annually. The nature and extent of these reviews are determined by the size, nature and term of the extensions of credit and the creditworthiness of the counterparty; and
- We subject all corporate policies and guidelines to annual review as an integral part of our periodic assessment of our risk appetite.

Our corporate policies and guidelines require that all extensions of credit are consistent with the bank's standards, limit credit-related losses, and our goal of maintaining a strong financial condition.

Structure and Organization

The Credit Risk group within ERM is responsible for the assessment, approval and monitoring of credit risk across our business. The group is managed centrally, has dedicated teams in a number of locations worldwide, and is responsible for related policies and procedures, and for our internal credit-rating systems and methodologies. In addition, the group, in conjunction with the business units, establishes measurements and limits to control the amount of credit risk accepted across its various business activities, both at the portfolio level and for each individual counterparty or group of counterparties, to individual sectors, and also to

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counterparties by product and country of risk. These measurements and limits are reviewed periodically, or at least annually.

In conjunction with other groups in ERM, the Credit Risk group is responsible for the design, implementation and oversight of our credit risk measurement and management systems, including data and assessment systems, quantification systems and the reporting framework.

Various key committees within our company are responsible for the oversight of credit risk and associated credit risk policies, systems and models. All credit-related activities are governed by our risk appetite framework and our credit risk guidelines, which define our general philosophy with respect to credit risk and the manner in which we control, manage and monitor such risks.

FRC and its sub-committee, Credit Committee have the primary responsibility for the oversight, review and approval of the credit risk guidelines and policies which are reviewed periodically, but at least annually.

The Credit Committee, a subcommittee of the FRC, has responsibility for assigning credit authority and approving the largest and higher-risk extensions of credit to individual counterparties or groups of counterparties.

FRC provides periodic updates to MRAC and the Board's RC.

Credit Ratings

We perform initial and ongoing reviews to exercise due diligence on the creditworthiness of our counterparties when conducting any business with them or approving any credit limits.

This due diligence process generally includes the assignment of an internal credit rating, which is determined by the use of internally developed and validated methodologies, scorecards and a 15-grade rating scale. This risk-rating process incorporates the use of risk-rating tools in conjunction with management judgment; qualitative and quantitative inputs are captured in a replicable manner and, following a formal review and approval process, an internal credit rating based on our rating scale is assigned. We generally rate our counterparties individually, although some counterparties defined by us as low-risk are rated on a pooled basis. Credit ratings are reviewed and approved by the Credit Risk group or its delegates. We evaluate and rate the credit risk of our counterparties on an ongoing basis. To facilitate comparability across the portfolio, counterparties within a given sector are rated using a risk-rating tool developed for that sector.

Our risk-rating models are subject to periodic internal review and validation. The overall risk rating

methodology is reviewed and approved by the Credit Risk Committee, a subcommittee of the FRC, on an annual basis.

Risk Parameter Estimates

Our internal risk-rating system promotes a clear and consistent approach to determining appropriate credit risk classifications for our credit counterparties and exposures. This allows us to track the changes in risk associated with these counterparties and exposures over time. This capability enhances our ability to calculate both risk exposures and capital, and enables better strategic decision-making across the organization.

More specifically, our internal risk rating system is used for the following purposes:

- The assessment of the creditworthiness of new counterparties and, in conjunction with our risk appetite statement, the development of appropriate credit limits for our products and services, including loans, foreign exchange, securities finance, placements and repurchase agreements;
- The automation of limit approvals for certain low-risk counterparties, as defined in our credit risk guidelines and based on the counterparty's probability-of-default;
- The development of approval authority matrices based on PD; riskier counterparties with higher PDs require higher levels of approval for a comparable PD and limit size compared to less risky counterparties with lower PDs;
- The analysis of risk concentration trends using historical PD and exposure-at-default (EAD), data;
- The determination of the level of management review of short-duration advances depending on PD; riskier counterparties with higher rating class values generally trigger higher levels of management escalation for comparable short-duration advances compared to less risky counterparties with lower rating-class values;
- The monitoring of credit facility utilization levels using EAD values and the identification of instances where counterparties have exceeded limits;
- The aggregation and comparison of counterparty exposures with risk appetite levels to determine if businesses are maintaining appropriate risk levels; and
- The determination of our regulatory capital requirements for the AIRB set forth in the Basel framework.

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Credit Risk Mitigation

We seek to limit our credit exposure and reduce any potential credit losses through the use of various types of credit risk mitigation. The Basel III final rule permits us to reflect the application of credit risk mitigation when it meets the standards outlined therein. Examples of forms of credit risk mitigation include a security interest in financial and non-financial assets (collateral), netting and guarantees. Where permissible, we apply the recognition of collateral, guarantees and netting to mitigate overall risk within our counterparty credit portfolio. While credit default swaps are permitted under the Basel III final rule, we do not actively use credit default swaps as a risk mitigation tool.

Collateral

In many parts of our business, we regularly require or agree for collateral to be received from or provided to clients and counterparties in connection with contracts that involve credit risk. In our trading businesses, this collateral is typically in the form of cash, as well as highly-rated and/or liquid securities (i.e. government securities and other bonds or equity securities). Credit risks in our non-trading and securities finance businesses are also often secured by bonds and equity securities and by other types of assets. Collateral serves to reduce the risk of loss inherent in an exposure. However, changing market values of the collateral we hold, unexpected increases in the credit exposure to a client or counterparty, reductions in the value or change in the type of securities held by us, as well as operational errors or errors in the manner in which we seek to exercise our rights, may reduce the risk mitigation effects of collateral. While collateral is often an alternative source of repayment, it does not replace the requirement within our policies and guidelines for high-quality underwriting. We also may choose to incur credit exposure without the benefit of collateral or other risk mitigating credits rights.

Our credit risk guidelines require that the collateral we accept for risk mitigation purposes is of high quality, can be reliably valued and is supported by a valid security interest that permits liquidation if or when required. Generally, when collateral is of lower quality, more difficult to value or more challenging to liquidate, higher discounts to market values are applied for the purposes of measuring credit risk. For certain less liquid collateral, longer liquidation periods are assumed when determining the credit exposure.

All types of collateral are assessed regularly by ERM, as is the basis on which the collateral is valued. Our assessment of collateral, including the ability to liquidate collateral in the event of a counterparty default, and also with regard to market values of collateral under a variety of hypothetical market

conditions, is an integral component of our assessment of risk and approval of credit limits. We also seek to identify, limit and monitor instances of "wrong-way" risk, where a counterparty's risk of default is positively correlated with the risk of our collateral eroding in value.

We maintain policies and procedures requiring that documentation used to collateralize a transaction is legal, valid, binding and enforceable in the relevant jurisdictions. We also conduct legal reviews to assess whether our documentation meets these standards on an ongoing basis.

Netting

Netting is a mechanism that allows institutions and counterparties to net offsetting exposures and payment obligations against one another through the use of qualifying master netting agreements. A master netting agreement allows for certain rights and remedies upon a counterparty default, including the right to net obligations arising under derivatives or other transactions under such agreement. In such an event, the netting of obligations would result in a single net claim owed by, or to, the counterparty. This is commonly referred to as "close-out netting," and is pursued wherever possible. We may also enter into master agreements that allow for the netting of amounts payable on a given day and in the same currency, reducing our settlement risk. This is commonly referred to as "payment netting," and is widely used in our foreign exchange activities.

As with collateral, we have policies and procedures in place to apply close-out and payment netting only to the extent that we have verified legal validity and enforceability of the master agreement. In the case of payment netting, operational constraints may preclude us from reducing settlement risk, notwithstanding the legal right to require the same under the master netting agreement. In the event we become unable, due to operational constraints, actions by regulators, changes in accounting principles, law or regulation (or related interpretations) or other factors, to net some or all of our offsetting exposures and payment obligations under those agreements, we would be required to gross up our assets and liabilities on our statement of condition and our calculation of RWA, accordingly. This would result in a potentially material change in our regulatory ratios, including LCR, and present increased credit, liquidity, asset and liability management and operational risks, some of which could be material.

Guarantees

A guarantee is a financial instrument that results in credit support being provided by a third party, (i.e., the protection provider) to the underlying obligor (the beneficiary of the provided protection) on account of an exposure owing by the obligor. The protection

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provider may support the underlying exposure either in whole or in part. Support of this kind may take different forms. Typical forms of guarantees provided to us include financial guarantees, letters of credit, bankers' acceptances, purchase undertaking agreement contracts and insurance.

We have established a review process to evaluate guarantees under the applicable requirements of our policies and Basel III requirements. Governance for this evaluation is covered under policies and procedures that require regular reviews of documentation, jurisdictions and credit quality of protection providers.

Credit Limits

Central to our philosophy for our management of credit risk is the approval and imposition of credit limits, against which we monitor the actual and potential future credit exposure arising from our business activities with counterparties or groups of counterparties. Credit limits are a reflection of our risk appetite, which may be determined by the creditworthiness of the counterparty, the nature of the risk inherent in the business undertaken with the counterparty, or a combination of relevant credit factors. Our risk appetite for certain sectors and certain countries and geographic regions may also influence the level of risk we are willing to assume to certain counterparties.

The analysis and approval of credit limits is undertaken similarly across our businesses, although the nature and extent of the analysis may vary, based on the type, term and magnitude of the risk being assumed. Credit limits and underlying exposures are assessed and measured on both a gross and net basis where appropriate, with net exposure determined by deducting the value of any collateral held. For certain types of risk being assumed, we will also assess and measure exposures under a variety of hypothetical market conditions. Credit limit approvals across our business are undertaken by the Credit Risk group, by individuals to whom credit authority has been delegated, or by the Credit Committee.

Credit limits are re-evaluated annually, or more frequently as needed, and are revised periodically on prevailing and anticipated market conditions, changes in counterparty or country-specific credit ratings and outlook, changes in our risk appetite for certain counterparties, sectors or countries, and enhancements to the measurement of credit utilization.

Reporting

Ongoing active monitoring and management of our credit risk is an integral part of our credit risk management framework. We maintain management information systems to identify, measure, monitor and

report credit risk across businesses and legal entities, enabling ERM and our businesses to have timely access to information on credit limits and exposures. Monitoring is performed along the dimensions of counterparty, industry, country and product-specific risks to facilitate the identification of concentrations of risk and emerging trends.

Key aspects of this credit risk reporting structure include governance and oversight groups and policies that define standards for the reporting of credit risk, data aggregation and sourcing systems.

The Credit Risk group routinely assesses the composition of our overall credit risk portfolio for alignment with our stated risk appetite. This assessment includes routine analysis and reporting of the portfolio, monitoring of market-based indicators, the assessment of industry trends and developments and regular reviews of concentrated risks. The Credit Risk group is also responsible, in conjunction with the business units, for defining the appetite for credit risk in the major sectors in which we have a concentration of business activities. These sector-level risk appetite statements, which include counterparty selection criteria and granular underwriting guidelines, are reviewed periodically and approved by either the FRC or Credit Committee.

Monitoring

Regular surveillance of credit and counterparty risks is undertaken by our business units, the Credit Risk group and designees with ERM, allowing for oversight. This surveillance process includes, but is not limited to, the following components:

- **Annual Reviews.** A formal review of counterparties is conducted at least annually and includes a review of operating performance, primary risk factors and our internal credit risk rating. This annual review also includes a review of current and proposed credit limits, an assessment of our ongoing risk appetite and assessment that supporting legal documentation remains effective.
- **Interim Monitoring.** Monitoring of our largest and riskiest counterparties is undertaken more frequently, utilizing financial information, market indicators and other relevant credit and performance measures. The nature and extent of this interim monitoring is individually tailored to certain counterparties and/or industry sectors to identify material changes to the risk profile of a counterparty (or group of counterparties) and assign an updated internal risk rating in a timely manner.

We maintain an active "surveillance list" for all counterparties. The surveillance list status denotes a

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concern with some aspect of a counterparty's risk profile that warrants closer monitoring of the counterparty's financial performance and related risk factors. Our ongoing monitoring processes are designed to facilitate the early identification of counterparties whose creditworthiness is deteriorating; any counterparty may be placed on the surveillance list by ERM at its sole discretion.

Counterparties on the surveillance list generally correspond with the non-investment grade or near non-investment grade ratings established by the major independent credit-rating agencies. The surveillance list also includes any counterparties rated "Special Mention," "Substandard," "Doubtful" and "Loss."

The Credit Risk group maintains primary responsibility for our surveillance list processes, and generates a quarterly report of all surveillance list counterparties. The surveillance list is formally reviewed at least on a quarterly basis, with participation from senior Credit Risk staff, and representatives from the business units and our corporate finance and legal groups as appropriate. These meetings include a review of individual surveillance list counterparties, together with credit limits and prevailing exposures, and are focused on actions to contain, reduce or eliminate the risk of loss to us. Identified actions are documented and monitored.

Controls

GCR provides a separate level of surveillance and oversight over the integrity of our credit risk management processes, including the internal risk-rating system. GCR reviews counterparty credit ratings for all identified sectors on an ongoing basis. GCR is subject to oversight by the FRC, and provides periodic updates to the Board's RC.

Specific activities of GCR include the following:

- Perform separate and objective assessments of our credit and counterparty exposures to determine the nature and extent of risk undertaken by the business units;
- Execute periodic credit process and credit product reviews to assess the quality of credit analysis, compliance with policies, guidelines and relevant regulation, transaction structures and underwriting standards, and risk-rating integrity;
- Identify and monitor developing counterparty, market and/or industry sector trends to limit risk of loss and protect capital;
- Deliver regular and formal reporting to stakeholders, including exam results,

identified issues and the status of requisite actions to remedy identified deficiencies;

- Allocate resources for specialized risk assessments (on an as-needed basis); and
- Liaise with assurance partners and regulatory personnel on matters relating to risk rating, reporting and measurement.

Allowance for Credit Losses

We record an allowance for credit losses related to certain on-balance sheet credit exposures, including our financial assets held at amortized cost, as well as certain off-balance sheet credit exposures, including unfunded commitments and letters of credit. Review and evaluation of the adequacy of the allowance for credit losses is ongoing throughout the year, but occurs at least quarterly, and is based, among other factors, on our evaluation of the level of risk in the portfolio and the estimated effects of our forecasts on our counterparties. We utilize multiple economic scenarios, consisting of a baseline, upside and downside scenarios, to develop our forecast of expected losses.

In 2024, the allowance estimate reflected an increase in loan loss reserves associated with certain commercial real estate and leveraged loans. Allowance estimates are subject to uncertainties, including those inherent in our model and economic assumptions, and management may use qualitative adjustments. If future data and forecasts deviate relative to the forecasts utilized to determine our allowance for credit losses as of December 31, 2024, or if credit risk migration is higher or lower than forecasted for reasons independent of the economic forecast, our allowance for credit losses will also change.

Additional information about the allowance for credit losses is provided in Notes 3 and 4 to the consolidated financial statements in this Form 10-K.

Liquidity Risk Management

Our liquidity framework contemplates areas of potential risk to our liquidity based on our activities, size and other appropriate risk-related factors. In managing liquidity risk we employ limits, maintain established metrics and early warning indicators and perform routine stress testing to identify potential liquidity needs. This process involves the evaluation of a combination of internal and external scenarios which assist us in measuring our liquidity position and in identifying potential increases in cash needs or decreases in available sources of cash, as well as the potential impairment of our ability to access the global capital markets.

We manage our liquidity on a global, consolidated basis as well as on a stand-alone basis at our Parent Company and at certain branches and

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subsidiaries of State Street Bank. State Street Bank generally has access to markets and funding sources limited to banks, such as the federal funds market and the Federal Reserve's discount window. The Parent Company is managed to a more conservative liquidity profile, reflecting narrower market access. Additionally, the Parent Company typically holds, or has direct access to, primarily through SSIF, a direct subsidiary of the Parent Company, and the support agreement, as discussed in "Supervision and Regulation" in Business in this Form 10-K, cash and equivalents intended to meet its current debt maturities and other cash needs, as well as those projected over the next twelve-month period. Absent financial distress at the Parent Company, the liquid assets available at SSIF continue to be available to the Parent Company. As of December 31, 2024, the value of our Parent Company's net liquid assets totaled \$438 million, compared with \$659 million as of December 31, 2023, excluding available liquidity through SSIF. As of December 31, 2024, our Parent Company and State Street Bank had approximately \$1.28 billion of senior notes or subordinated debentures outstanding that will mature in the next twelve months.

As a SIFI, our liquidity risk management activities are subject to heightened and evolving regulatory requirements, including interpretations of those requirements, under specific U.S. and international regulations and also resulting from published and unpublished guidance, supervisory activities, such as stress tests, resolution planning, examinations and other regulatory interactions. Satisfaction of these requirements could, in some cases, result in changes in the composition of our investment portfolio, reduced NII or NIM, a reduction in the level of certain business activities or modifications to the way in which we deliver our products and services. If we fail to meet regulatory requirements to the satisfaction of our regulators, we could receive negative regulatory stress test results, incur a resolution plan deficiency or determination of a non-credible resolution plan or otherwise receive an adverse regulatory finding. Our efforts to satisfy, or our failure to satisfy, these regulatory requirements could materially adversely affect our business, financial condition or results of operations.

Governance

Global Treasury is responsible for our management of liquidity. This includes the day-to-day management of our global liquidity position, the development and monitoring of early warning indicators, key liquidity risk metrics, the creation and execution of stress tests, the evaluation and implementation of regulatory requirements, the maintenance and execution of our liquidity guidelines and contingency funding plan (CFP), and routine

management reporting to ALCO, MRAC and the Board's RC.

Global Treasury Risk Management, part of ERM, provides separate oversight over the identification, communication and management of Global Treasury's risks in support of our business strategy. Global Treasury Risk Management reports to the CRO. Global Treasury Risk Management's responsibilities relative to liquidity risk management include the development and review of policies and guidelines; the monitoring of limits related to adherence to the liquidity risk guidelines and associated reporting.

Liquidity Framework

We manage liquidity according to several principles that are equally important to our overall liquidity risk management framework:

- **Structural liquidity management** addresses liquidity by monitoring and directing the composition of our consolidated statement of condition. Structural liquidity is measured by metrics such as the percentage of total wholesale funds to consolidated total assets, and the percentage of non-government investment securities to client deposits. In addition, on a regular basis and as described below, our structural liquidity is evaluated under various stress scenarios.
- **Tactical liquidity management** addresses our day-to-day funding requirements and is largely driven by changes in our primary source of funding, which are client deposits. Fluctuations in client deposits may be supplemented with short-term borrowings, repurchase agreements, FHLB products and certificates of deposit.
- **Stress testing and contingent funding planning** are longer-term strategic liquidity risk management practices. Regular and ad hoc liquidity stress testing are performed under various severe but plausible scenarios at the consolidated level and at significant subsidiaries, including State Street Bank. These tests contemplate severe market and events specific to us under various time horizons and severities. Tests contemplate the impact of material changes in key funding sources, credit ratings, additional collateral requirements, contingent uses of funding, systemic shocks to the financial markets and operational failures based on market and assumptions specific to us. The stress tests evaluate the required level of funding versus available sources in an adverse environment. As stress testing contemplates potential forward-looking scenarios, results also serve

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as a trigger to activate specific liquidity stress levels and contingent funding actions.

CFPs are designed to assist senior management with decision-making associated with any contingency funding response to a possible or actual crisis scenario. The CFPs define roles, responsibilities and management actions to be taken in the event of deterioration of our liquidity profile caused by either an event specific to us or a broader disruption in the capital markets. Specific actions are linked to the level of stress indicated by these measures or by management judgment of market conditions.

Liquidity Risk Metrics

In managing our liquidity, we employ early warning indicators and metrics intended to detect situations which may result in a liquidity stress, including changes in our stock price and spreads on our long-term debt. Additional metrics that are critical to the management of our consolidated statement of condition and monitored as part of our routine liquidity management include measures of our fungible cash position, purchased wholesale funds, unencumbered liquid assets, deposits and the total of investment securities and loans as a percentage of total client deposits.

Asset Liquidity

Central to the management of our liquidity is asset liquidity, which consists primarily of HQLA. HQLA is the amount of liquid assets that qualify for inclusion in the LCR. As a banking organization, we are subject to a minimum LCR under the LCR rule approved by the U.S. Agencies. The LCR is intended to promote the short-term resilience of internationally active banking organizations, like us, to improve the banking industry's ability to absorb shocks arising from market stress over a 30 calendar day period and improve the measurement and management of liquidity risk. The LCR measures an institution's HQLA against its net cash outflows. HQLA primarily consists of unencumbered cash and certain high quality liquid securities that qualify for inclusion under the LCR rule. Net cash outflows are measured as prescribed under the LCR rule which provides a significant benefit for deposits classified as operational. We report the LCR to the Federal Reserve daily. For both the quarters ended December 31, 2024 and December 31, 2023, average daily LCR for the Parent Company was 107% and 106%, respectively. The impact of higher deposits on the Parent Company's LCR is limited by a cap, known as the transferability restriction, on the HQLA from State Street Bank that can be recognized at the Parent Company as defined in the U.S. LCR Final Rule. This restriction limits the HQLA used in the calculation of the Parent Company's LCR to the

amount of net cash outflows of its principal banking subsidiary (State Street Bank). The average HQLA, post-prescribed haircuts for the Parent Company under the LCR final rule definition was \$142.34 billion for the quarter ended December 31, 2024 compared to \$128.96 billion for the quarter ended December 31, 2023, primarily due to a decrease in client deposits relative to the prior period. For the quarter ended December 31, 2024, the LCR for State Street Bank was approximately 134%.

In addition, as a large banking organization, we are subject to the NSFR rule approved by the U.S. Agencies. The NSFR rule requires large banking organizations to maintain a minimum amount of available stable funding, which is a weighted measure of a company's funding sources over a one-year time horizon, calculated by applying standardized weightings to the company's equity and liabilities based on their expected stability. The amount of stable funding can be no less than the amount of required stable funding, which is calculated by applying standardized weightings to assets, derivatives exposures and certain other items based on their liquidity characteristics. As a U.S. G-SIB, we are required to maintain an NSFR that is equal to or greater than 100%. As a subsidiary of a U.S. G-SIB, State Street Bank is similarly required to maintain an NSFR that is equal to or greater than 100%. As of December 31, 2024, both the Parent Company's and State Street Bank's NSFR were above the 100% minimum NSFR requirement. The average NSFR for the Parent Company was 137% and 141% for the three months ended December 31, 2024 and September 30, 2024, respectively.

We maintained average cash balances in excess of regulatory requirements governing deposits with the Federal Reserve of approximately \$86.88 billion at the Federal Reserve, the ECB and other non-U.S. central banks for the quarter ended December 31, 2024, and \$69.28 billion for the quarter ended December 31, 2023. The higher levels of average cash balances with central banks reflect higher levels of client deposits.

Liquid securities carried in our asset liquidity include securities pledged without corresponding advances from the Federal Reserve Bank of Boston (FRBB), the FHLB, and other non-U.S. central banks. State Street Bank is a member of the FHLB. This membership allows for advances of liquidity in varying terms against high-quality collateral, which helps facilitate asset and liability management.

Access to primary, intraday and contingent liquidity provided by these utilities is an important source of contingent liquidity with utilization subject to underlying conditions.

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In addition to the investment securities included in our asset liquidity, we have other unencumbered investment securities and certain loans that we can pledge as collateral to access these various facilities. These additional assets are available sources of liquidity, although not as rapidly deployed as those included in our LCR asset liquidity.

The average fair value of total unencumbered securities was \$63.23 billion for the quarter ended December 31, 2024, compared to \$76.86 billion for the quarter ended December 31, 2023.

Measures of liquidity include LCR and NSFR, which are described in "Supervision and Regulation" in Business in this Form 10-K.

Uses of Liquidity

Significant uses of our liquidity could result from the following: withdrawals of client deposits; draw-downs by our custody clients of lines of credit; advances to clients to settle securities transactions; increases in our investment and loan portfolios; or other permitted purposes. Such circumstances would generally arise under stress conditions including deterioration in credit ratings. A recurring use of our liquidity involves our deployment of HQLA from our investment portfolio to post collateral to financial institutions serving as sources of securities under our prime services program.

We had unfunded commitments to extend credit with gross contractual amounts totaling \$34.19 billion and \$34.20 billion and standby letters of credit totaling \$0.91 billion and \$1.51 billion as of December 31, 2024 and 2023, respectively. These amounts do not reflect the value of any collateral. As of December 31, 2024, approximately 75% of our unfunded commitments to extend credit and 33% of our standby letters of credit expire within one year. Since many of our commitments are expected to expire or renew without being drawn upon, the gross contractual amounts do not necessarily represent our future cash requirements.

Information about our resolution planning and the impact actions under our resolution plans could have on our liquidity is provided in "Supervision and Regulation" in Business in this Form 10-K.

Funding

Deposits

We provide products and services including custody, accounting, administration, daily pricing, FX services, cash management, financial asset management, securities finance and investment advisory services. As a provider of these products and services, we generate client deposits, which have generally provided a stable, low-cost source of funds. As a global custodian, clients place deposits with our entities in various currencies. As of both December

31, 2024 and December 31, 2023, approximately 70% of our average total deposit balances were denominated in U.S. dollars, 15% in EUR, 10% in GBP and 5% in all other currencies.

Short-Term Funding

Our on-balance sheet liquid assets are also an integral component of our liquidity management strategy. These assets provide liquidity through maturities of the assets, but more importantly, they provide us with the ability to raise funds by pledging the securities as collateral for borrowings or through outright sales. In addition, our access to the global capital markets gives us the ability to source incremental funding from wholesale investors through relatively low-cost channels to further support business growth. As discussed earlier under "Asset Liquidity," State Street Bank's membership in the FHLB allows for advances of liquidity with varying terms against high-quality collateral. We had \$9.8 billion and \$2.5 billion outstanding of FHLB funding as of December 31, 2024 and 2023, respectively. These outstanding borrowings have initial maturities of approximately twelve months and are recorded in other short-term borrowings in the consolidated statement of condition.

Short-term secured funding also comes in the form of securities lent or sold under agreements to repurchase. These transactions are short-term in nature, generally overnight and are collateralized by high-quality investment securities. These balances were \$3.68 billion and \$1.87 billion as of December 31, 2024 and 2023, respectively.

State Street Bank continues to maintain a line of credit with a financial institution of CAD \$1.40 billion, or approximately \$0.97 billion, as of December 31, 2024, to support its Canadian securities processing operations. The line of credit has no stated termination date and is cancellable by either party with prior notice. As of both December 31, 2024 and 2023, there was no balance outstanding on this line of credit.

Long-Term Funding

We have the ability to issue debt and equity securities under our current universal shelf registration statement to meet current commitments and business needs. In addition, State Street Bank also has current authorization from the Board to issue unsecured senior debt. The total amount remaining for issuance pursuant to this authority is \$2.60 billion as of December 31, 2024.

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On March 18, 2024, we issued \$1 billion aggregate principal amount of 4.993% fixed rate senior notes due 2027.

On August 20, 2024, we issued \$1 billion aggregate principal amount of 4.530% fixed-to-floating rate senior notes due 2029.

On October 22, 2024, we issued \$1.2 billion aggregate principal amount of 4.330% fixed rate senior notes due 2027, \$300 million aggregate principal amount of floating rate senior notes due 2027, and \$800 million aggregate principal amount of 4.675% fixed-to-floating rate senior notes due 2032.

On November 1, 2024, we redeemed \$1 billion aggregate principal amount of 2.354% fixed-to-floating rate senior notes due 2025.

On November 25, 2024, State Street Bank issued \$300 million aggregate principal amount of floating rate senior notes due 2026, \$1.15 billion aggregate principal amount of 4.594% fixed rate senior notes due 2026 and \$800 million aggregate principal amount of 4.782% fixed rate senior notes due 2029.

On January 27, 2025, we redeemed \$500 million aggregate principal amount of 4.857% fixed-to-floating rate senior notes due 2026.

On February 6, 2025, we redeemed \$300 million aggregate principal amount of 1.746% fixed-to-floating rate senior notes due 2026.

Agency Credit Ratings

Our ability to maintain consistent access to liquidity is fostered by the maintenance of high investment grade ratings as measured by major credit rating agencies.

TABLE 29: CREDIT RATINGS

	As of December 31, 2024		
	Standard & Poor's	Moody's Investors Service	Fitch
State Street:			
Senior debt	A	Aa3	AA-
Subordinated debt	A-	A2	A
Junior subordinated debt	BBB	A3	NR
Preferred stock	BBB	Baa1	BBB+
Outlook	Stable	Stable	Stable
State Street Bank:			
Short-term deposits	A-1+	P-1	F1+
Long-term deposits	AA-	Aa1	AA+
Senior debt/Long-term issuer	AA-	Aa2	AA
Subordinated debt	A	Aa3	NR
Outlook	Stable	Stable	Stable

Factors essential to maintaining high credit ratings include:

- diverse and stable core earnings;
- relative market position;

- strong risk management;
- strong capital ratios;
- diverse liquidity sources, including the global capital markets and client deposits;
- strong liquidity monitoring procedures; and
- preparedness for current or future regulatory developments.

High ratings limit borrowing costs and enhance our liquidity by:

- providing confidence for unsecured funding and depositors;
- increasing the potential market for our debt and improving our ability to offer products;
- facilitating reduced collateral haircuts in secured lending transactions; and
- engaging in transactions in which clients value high credit ratings.

A downgrade or reduction in our credit ratings could have a material adverse effect on our liquidity by restricting our ability to access the capital markets, which could increase the related cost of funds. In turn, this could cause the sudden and large-scale withdrawal of unsecured deposits by our clients, which could lead to drawdowns of unfunded commitments to extend credit or trigger requirements under securities purchase commitments; or require additional collateral or force terminations of certain trading derivative contracts.

A majority of our derivative contracts have been entered into under bilateral agreements with counterparties who may require us to post collateral or terminate the transactions based on changes in our credit ratings. We assess the impact of these arrangements by determining the collateral that would be required assuming a downgrade by major rating agencies. The additional collateral or termination payments related to our net derivative liabilities under these arrangements that could have been called by counterparties in the event of a downgrade in our credit ratings below levels specified in the agreements is provided in Note 10 to the consolidated financial statements in this Form 10-K. Other funding sources, such as secured financing transactions and other margin requirements, for which there are no explicit triggers, could also be adversely affected.

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Contractual Cash Obligations and Other Commitments

The long-term contractual cash obligations included within Table 30: Long-Term Contractual Cash Obligations were recorded in our consolidated statement of condition as of December 31, 2024, except for the interest portions of long-term debt and finance leases.

TABLE 30: LONG-TERM CONTRACTUAL CASH OBLIGATIONS

December 31, 2024

(In millions)	Payments Due by Period				Total
	Less than 1 year	1-3 years	4-5 years	Over 5 years	
Long-term debt ⁽¹⁾⁽²⁾	\$ 1,285	\$ 9,595	\$ 4,520	\$ 7,756	\$ 23,156
Operating leases	182	286	206	342	1,016
Finance lease and equipment financing obligations ⁽²⁾	55	26	—	—	81
Tax liability	—	22	—	—	22
Total contractual cash obligations	<u>\$ 1,522</u>	<u>\$ 9,929</u>	<u>\$ 4,726</u>	<u>\$ 8,098</u>	<u>\$ 24,275</u>

⁽¹⁾ Long-term debt excludes finance lease obligations and equipment financing (presented as a separate line item) and the effect of interest rate swaps. Interest payments were calculated at the stated rate with the exception of floating-rate debt, for which payments were calculated using the indexed rate in effect as of December 31, 2024.

⁽²⁾ Additional information about contractual cash obligations related to long-term debt and operating and finance leases is provided in Notes 9 and 20 to the consolidated financial statements in this Form 10-K.

Total contractual cash obligations shown in Table 30: Long-Term Contractual Cash Obligations do not include:

- Obligations which will be settled in cash, primarily in less than one year, such as client deposits, federal funds purchased, securities sold under repurchase agreements and other short-term borrowings. Additional information about deposits, federal funds purchased, securities sold under repurchase agreements and other short-term borrowings is provided in Note 8 to the consolidated financial statements in this Form 10-K.
- Obligations related to derivative instruments because the derivative-related amounts recorded in our consolidated statement of condition as of December 31, 2024 did not represent the amounts that may ultimately be paid under the contracts upon settlement. Additional information about our derivative instruments is provided in Note 10 to the consolidated financial statements in this Form 10-K. We have obligations under pension and other post-retirement benefit plans, with additional information provided in Note 19 to the consolidated financial statements in this Form 10-K, which are not included in Table 30: Long-Term Contractual Cash Obligations.

TABLE 31: OTHER COMMERCIAL COMMITMENTS

(In millions)	Duration of Commitment as of December 31, 2024				Total amounts committed ⁽¹⁾
	Less than 1 year	1-3 years	4-5 years	Over 5 years	
Indemnified securities financing	\$ 310,814	\$ —	\$ —	\$ —	\$ 310,814
Unfunded credit facilities	23,217	5,458	5,159	357	34,191
Standby letters of credit	300	554	54	—	908
Purchase obligations ⁽²⁾	434	545	217	154	1,350
Total commercial commitments	<u>\$ 334,765</u>	<u>\$ 6,557</u>	<u>\$ 5,430</u>	<u>\$ 511</u>	<u>\$ 347,263</u>

⁽¹⁾ Total amounts committed reflect participations to independent third parties, if any.

⁽²⁾ Amounts represent obligations pursuant to legally binding agreements, where we have agreed to purchase products or services with a specific minimum quantity defined at a fixed, minimum or variable price over a specified period of time.

Additional information about the commitments presented in Table 31: Other commercial commitments, except for purchase obligations, is provided in Note 12 to the consolidated financial statements in this Form 10-K.

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Operational Risk Management

Overview

Operational risk is the risk of loss resulting from inadequate or failed internal processes, people and systems or from external events.

In providing an array of products and services, we are exposed to operational risk. Operational risk may result from, but is not limited to, errors relating to transaction processing, breaches of internal control systems, or business interruption due to system failures or other events. Operational risk also includes potential legal or regulatory actions that could arise as a byproduct of our failure to maintain and execute an adequate system of internal control. In the case of an operational risk event, we could suffer financial loss and potential regulatory action, as well as reputational damage.

Unforeseen external events, including natural disasters, terrorist attacks, pandemics, global conflicts, or other geopolitical events (including the ongoing wars in Ukraine and in the Middle East), may result in stress on the operating environment and increase operational risk.

Operational risk encompasses fiduciary risk and legal risk. Fiduciary risk is defined as the risk that we fail to properly exercise our fiduciary duties in our provision of products or services to clients. Legal risk is the risk of loss resulting from failure to comply with laws and contractual obligations.

Operational risk is inherent in the performance of investment servicing and investment management activities on behalf of our clients. Whether it be fiduciary risk, risk associated with execution and processing or other types of operational risk, a consistent, transparent and effective operational risk framework is key to identifying, monitoring and managing operational risk. To mitigate these risks, we have established policies, procedures, internal control standards and an operational risk framework. Controls are designed to manage operational risk at levels appropriate to our business model, the business environment and the markets in which we operate taking into account factors such as regulation and competition.

The organizational framework for operational risk is based on risk management activities comprising:

- **Governance:** We have established governance structures to oversee and assess our operational risk management activities and our operational risk policy;
- **Accountability:** Business managers are responsible for maintaining an effective system of internal controls commensurate

with their risk profiles and in accordance with State Street policies and procedures. Operational risk management is the second line function responsible for developing risk management policies and tools for assessing, measuring and monitoring operational risk; and

- **Operational Risk Management Framework:** An established operational risk management framework supports and drives the identification, assessment, mitigation and monitoring of operational risk.

Governance

Our Board is responsible for the approval and oversight of our overall operational risk policy.

Our operational risk policy establishes our approach to our management of operational risk across our business. The policy identifies the responsibilities of individuals and committees charged with oversight of the management of operational risk, and articulates a broad mandate that supports implementation of the operational risk framework.

Executive management manages and oversees our operational risk through membership on risk management committees, including TORC and the Operational Risk and Controls Committee, each of which ultimately reports to a committee of the Board.

The Operational Risk and Controls Committee, chaired by the global head of operational risk, oversees the operational risk framework and policies, reviews and monitors program outputs and metrics, and monitors resolution of significant operational risk matters.

Accountability

Accountability for managing operational risk spans the first and second lines of defense:

- The global head of Operational Risk, a member of the CRO's executive management team, leads ERM's corporate ORM group. ORM is responsible for developing risk management policies and tools for assessing, measuring, monitoring and managing operational risk. The ORM function includes risk oversight of all lines of business and functions; and
- Business Managers are responsible for managing day to day operations, maintaining an effective system of internal controls and managing operational risks within risk appetite in its normal course of business.

Corporate Audit, as a third line of defense, performs separate reviews of the application of operational risk management practices and methodologies utilized across our business.

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Operational Risk Management Framework

The operational risk management framework has been established in a structured manner to drive the identification, assessment, mitigation, monitoring, and reporting of operational risk. Operational risk management framework includes key elements such as risk and control self-assessment, capital analysis, monitoring and reporting and documentation and guidelines. These framework components are described below.

Risk and Control Self-Assessment

The objective of the risk and control self-assessment program is to proactively identify, assess and manage operational risks and related controls associated with day-to-day operations. A key component of understanding how risks are managed is to understand the effectiveness of controls. Effectiveness of controls is concluded through testing, both internal and external, business control assurance activities and self-assessments along with other control function reviews, such as a SOX testing program.

Capital Analysis

The primary measurement tool used to quantify operational risk capital and RWA related to operational risk under the advanced approaches is the loss distribution approach (LDA) model. Such required capital and RWA totaled \$3.95 billion and \$49.35 billion, respectively, as of December 31, 2024, compared to \$3.50 billion and \$43.77 billion, respectively, as of December 31, 2023; refer to the "Capital" section in "Financial Condition," of this Management's Discussion and Analysis.

The LDA model incorporates the three required operational risk elements described below:

- Internal loss event data is collected from across our business in conformity with our operating loss policy that establishes the requirements for collecting and reporting individual loss events;
- External loss event data from other financial institutions supplements our internal loss data pool with respect to loss event severity; and
- Business environment and internal control factors are those characteristics of a bank's internal and external operating environment that bear an exposure to operational risk.

Monitoring and Reporting

The objective of risk monitoring is to proactively monitor the changing business environment and corresponding operational risk exposure. It is achieved through monitoring tools that are designed to help us understand changes in the business environment, internal control factors, risk metrics, risk assessments, exposures and operating effectiveness,

as well as details of loss events and progress on risk initiatives implemented to mitigate potential risk exposures.

Operational risk reporting is intended to provide transparency, thereby enabling management to manage risk, provide oversight and escalate issues in a timely manner. It is designed to allow the business units, executive management, and the Board's control functions and committees to gain insight into activities that may result in risks and potential exposures.

Documentation and Guidelines

Documentation and guidelines allow for consistency and repeatability of the various processes that support the operational risk framework across our business.

Operational risk guidelines document our practices and describe the key elements in a business unit's operational risk management program. The purpose of the guidelines is to set forth and define key operational risk terms, provide further detail on our operational risk programs, and detail the business units' responsibilities to identify, assess, measure, monitor and report operational risk. The guideline supports our operational risk policy.

Data standards have been established with the intent of maintaining consistent data repositories and systems that are controlled, accurate and available on a timely basis to support operational risk management.

Information Technology Risk Management

Overview and Principles

We define information technology risk as the risk associated with the use, ownership, operation and adoption of information technology. Information technology risk includes risks potentially triggered by non-compliance with regulatory obligations or expectations, information security or cyber incidents, internal control and process gaps, operational events and adoption of new business technologies.

The principal technology risks within our risk policy and risk appetite framework include:

- Third party risk;
- Business disruption and technology resiliency risk;
- Technology change management risk;
- Cyber and information security risk;
- Technology asset and configuration risk; and
- Technology obsolescence risk.

Governance

Our Board is responsible for the approval and oversight of our overall technology risk framework and program. It does so through its TOPS, which

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reviews and approves our risk policy and appetite framework annually as well as our cybersecurity policy and related standards.

Our risk policy establishes our approach to our management of technology risk across our business. The policy identifies the responsibilities of individuals and committees charged with oversight of the management of technology risk and articulates a broad mandate that supports implementation of the risk framework.

Risk control functions in the business are responsible for adopting and executing the risk framework and reporting requirements. They do this, in part, by developing and maintaining an inventory of critical applications and supporting infrastructure, as well as identifying, assessing and measuring technology risk. They are also responsible for monitoring and evaluating risk on a continual basis using key risk indicators, risk reporting and adopting appropriate risk responses to risk issues.

Enterprise Technology Risk Management (ETRM) is the separate risk function responsible for the technology risk management oversight and appetite, and technology risk framework development and execution. ETRM also performs overall technology risk monitoring and reporting to the Board, and provides a separate view of the technology risk posture to executive leadership.

We manage technology risks by:

- Coordinating various risk assessment and risk management activities, including ERM operational risk programs;
- Establishing, through TORC and TOPS of the Board, the enterprise level technology risk and cyber risk appetite and limits;
- Producing enterprise level risk reporting, aggregation, dashboards, profiles and risk appetite statements;
- Validating appropriateness of reporting of information technology and cybersecurity risks and risk acceptance to senior management risk committees and the Board;
- Promoting a strong technology and cybersecurity risk culture through communication;
- Serving as an escalation and challenge point for risk policy guidance, expectations and clarifications;
- Assessing effectiveness of key enterprise information technology and cybersecurity risk and internal control remediation programs; and

- Providing risk oversight, challenge and monitoring for the Enterprise Continuity Services function and Third Party Management program, including the collection of risk appetite, metrics and key risk indicators, and reviewing issue management processes and consistent program adoption.

Cybersecurity Risk Management

Cybersecurity risk is managed as part of our overall information technology risk as outlined above. For additional information about our cybersecurity risk management program, refer to Item 1C in this Form 10-K.

The TORC assesses and manages the effectiveness of our cybersecurity program, which is overseen by the TOPS of our Board. The TOPS receives regular cybersecurity updates throughout the year and is responsible for reviewing and approving the policy on an annual basis.

Market Risk Management

Market risk is defined by the U.S. Agencies as the risk of loss that could result from broad market movements, such as changes in the general level of interest rates, credit spreads, foreign exchange rates or commodity prices. We are exposed to market risk in both our trading and certain of our non-trading, or asset and liability management, activities.

Information about the market risk associated with our trading activities is provided below under "Trading Activities." Information about the market risk associated with our non-trading activities, which consists primarily of interest rate risk, is provided below under "Asset and Liability Management Activities."

Trading Activities

In the conduct of our trading activities, we assume market risk, the level of which is a function of our overall risk appetite, business objectives and liquidity needs, our clients' requirements and market volatility and our execution against those factors.

We engage in trading activities primarily to support our clients' needs and to contribute to our overall corporate earnings and liquidity. In connection with certain of these trading activities, we enter into a variety of derivative financial instruments to support our clients' needs and to manage our interest rate and currency risk. These activities are generally intended to generate foreign exchange trading services revenue and to manage potential earnings volatility. In addition, we provide services related to derivatives in our role as both a manager and a servicer of financial assets.

Our clients use derivatives to manage the financial risks associated with their investment goals

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and business activities. With the growth of cross-border investing, our clients often enter into foreign exchange forward contracts to convert currency for international investments and to manage the currency risk in their international investment portfolios. As an active participant in the foreign exchange markets, we provide foreign exchange forward and option contracts in support of these client needs, and act as a dealer in the currency markets.

As part of our trading activities, we assume positions in the foreign exchange and interest rate markets by buying and selling cash instruments and entering into derivative instruments, including foreign exchange forward contracts, foreign exchange and interest rate options and interest rate swaps, interest rate forward contracts and interest rate futures. As of December 31, 2024, the notional amount of these derivative contracts was \$2.70 trillion, of which \$2.62 trillion was composed of foreign exchange forward, swap and spot contracts. We seek to match positions closely with the objective of mitigating related currency and interest rate risk. All foreign exchange contracts are valued daily at current market rates.

Governance

Our assumption of market risk in our trading activities is an integral part of our corporate risk appetite. The RC of the Board reviews and oversees our management of market risk, including the approval of key market risk policies and the receipt and review of regular market risk reporting, as well as periodic updates on selected market risk topics.

The Trading and Markets Risk Committee, a sub-committee of the previously described FRC (refer to "Risk Committees"), oversees all market risk-taking activities across our business associated with trading. The TMRC, which reports to the FRC, is composed of members of ERM, our Global Markets business and our Global Treasury group, other control functions, as well as our senior executives who manage our trading businesses and other members of management who possess specialized knowledge. The TMRC meets regularly to monitor the management of our trading market risk activities.

Our business units identify, manage and are responsible for the market risks inherent in their businesses. A dedicated market risk management group within ERM, and other groups within ERM, work with those business units to assist them in the identification, assessment, monitoring, management and control of market risk, and assist business unit managers with their market risk management and measurement activities. ERM provides an additional line of oversight, support and coordination designed to promote the consistent identification, measurement and management of market risk across business

units, separate from those business units' discrete activities.

The ERM market risk management group is responsible for the management of corporate-wide market risk, the monitoring of key market risks and the development and maintenance of market risk management policies, guidelines and standards aligned with our corporate risk appetite. This group also establishes and approves market risk tolerance limits and trading authorities based on, but not limited to, measures of notional amounts, sensitivity, VaR and stress. Such limits and authorities are specified in our trading and market risk guidelines which govern our management of trading market risk.

Risk Appetite

Our corporate market risk appetite is specified in policy statements that outline the governance, responsibilities and requirements surrounding the identification, measurement, analysis, management and communication of market risk arising from our trading activities. These policy statements also set forth the market risk control framework designed to monitor, support, manage and control this portion of our risk appetite. All groups involved in the management and control of market risk associated with trading activities are required to comply with the qualitative and quantitative elements of these policy statements. Our trading market risk control framework is composed of the following:

- A trading market risk management process led by ERM, separate from the business units' discrete activities;
- Defined responsibilities and authorities for the primary groups involved in trading market risk management;
- A trading market risk measurement methodology that captures correlation effects and allows aggregation of market risk across risk types, markets and business lines;
- Daily monitoring, analysis and reporting of market risk exposures associated with trading activities against market risk limits;
- A defined limit structure and escalation process in the event of a market risk limit excess;
- Use of VaR models to measure the one-day market risk exposure of trading positions;
- Use of VaR as a ten-day-based regulatory capital measure of the market risk exposure of trading positions;
- Use of non-VaR-based limits and other controls;
- Use of stressed-VaR models, stress-testing analysis and scenario analysis to support the

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trading market risk measurement and management process by assessing how portfolios and global business lines perform under extreme market conditions;

- Use of back-testing as a diagnostic tool to assess the accuracy of VaR models and other risk management techniques; and
- A new product approval process that requires market risk teams to assess trading-related market risks and apply risk tolerance limits to proposed new products and business activities.

We use our CAP to assess our overall capital and liquidity in relation to our risk profile and provide a comprehensive strategy for maintaining appropriate capital and liquidity levels. With respect to market risk associated with trading activities, our risk management and our calculations of regulatory capital are based primarily on our internal VaR models and stress testing analysis. As discussed in detail under "Value-at-Risk and Stressed VaR" below, VaR is measured daily by ERM.

The TMRC oversees our market risk exposure in relation to limits established within our risk appetite framework. These limits define threshold levels for VaR- and stressed VaR-based measures and are applicable to all trading positions subject to regulatory capital requirements. These limits are designed to mitigate undue concentration of market risk exposure, in light of the primarily non-proprietary nature of our trading activities. The risk appetite framework and associated limits are reviewed and approved by the Board's RC.

Covered Positions

Our trading positions are subject to regulatory market risk capital requirements if they meet the regulatory definition of a "covered position." A covered position is generally defined by the U.S. Agencies as an on- or off-balance sheet position associated with the organization's trading activities that is free of any restrictions on its tradability, but does not include intangible assets, certain credit derivatives recognized as guarantees and certain equity positions not publicly traded. All FX and commodity positions are considered covered positions, regardless of the accounting treatment they receive. The identification of covered positions for inclusion in our market risk capital framework is governed by our trading and market risk guidelines, which outline the standards we use to determine whether a trading position is a covered position.

Our covered positions consist primarily of the trading portfolios held by our Global Markets business. They also arise from certain positions held by our Global Treasury group. These trading positions include products such as foreign exchange spot,

foreign exchange forwards, non-deliverable forwards, foreign exchange options, foreign exchange funding swaps, currency futures, financial futures and interest rate futures. New activities are analyzed to determine if the positions arising from such new activities meet the definition of a covered position and conform to our trading and market risk guidelines. This documented analysis, including any decisions with respect to market risk treatments, must receive approval from the Covered Positions Working Group which reports to the BOC.

We use spot rates, forward points, yield curves and discount factors imported from third-party sources to measure the value of our covered positions, and we use such values to mark our covered positions to market on a daily basis. These values are subject to separate validation by us in order to evaluate reasonableness and consistency with market experience. The mark-to-market gain or loss on spot transactions is calculated by applying the spot rate to the foreign currency principal and comparing the resultant base currency amount to the original transaction principal. The mark-to-market gain or loss on a forward foreign exchange contract or forward cash flow contract is determined as the difference between the life-to-date (historical) value of the cash flow and the value of the cash flow at the inception of the transaction. The mark-to-market gain or loss on interest rate swaps is determined by discounting the future cash flows from each leg of the swap transaction.

Value-at-Risk and Stressed VaR

We use a variety of risk measurement tools and methodologies, including VaR, which is an estimate of potential loss for a given period within a stated statistical confidence interval. We use a risk measurement methodology to measure trading-related VaR daily. We have adopted standards for measuring trading-related VaR, and we maintain regulatory capital for market risk associated with our trading activities in conformity with currently applicable bank regulatory market risk requirements.

We utilize an internal VaR model to calculate our regulatory market risk capital requirements. We use a historical simulation model to calculate daily VaR- and stressed VaR-based measures for our covered positions in conformity with regulatory requirements. Our VaR model seeks to capture identified material risk factors associated with our covered positions, including risks arising from market movements such as changes in foreign exchange rates, interest rates and option-implied volatilities.

We have adopted standards and guidelines to value our covered positions which govern our VaR- and stressed VaR-based measures. Our regulatory VaR-based measure is calculated based on historical

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volatilities of market risk factors during a two-year observation period calibrated to a one-tail, 99% confidence interval and a ten-business-day holding period. We also use the same platform to calculate a one-tail, 99% confidence interval, one-business-day VaR for internal risk management purposes. A 99% one-tail confidence interval implies that daily trading losses are not expected to exceed the estimated VaR more than 1% of the time, or less than three business days out of a year.

Our market risk models, including our VaR model, are subject to change in connection with the governance, validation and back-testing processes described below. These models can change as a result of changes in our business activities, our historical experiences, market forces and events, regulations and regulatory interpretations and other factors. In addition, the models are subject to continuing regulatory review and approval. Changes in our models may result in changes in our measurements of our market risk exposures, including VaR, and related measures, including regulatory capital. These changes could result in material changes in those risk measurements and related measures as calculated and compared from period to period.

Value-at-Risk Measures

VaR measures are based on the most recent two years of historical price movements for instruments and related risk factors to which we have exposure. The instruments in question are limited to foreign exchange spot, forward and options contracts and interest rate contracts, including futures and interest rate swaps. Historically, these instruments have exhibited a higher degree of liquidity relative to other available capital markets instruments. As a result, the VaR measures shown reflect our ability to rapidly adjust exposures in highly dynamic markets. For this reason, risk inventory, in the form of net open positions, across all currencies is typically limited. In addition, long and short positions in major, as well as minor, currencies provide risk offsets that limit our potential downside exposure.

Our VaR methodology uses a historical simulation approach based on market-observed changes in foreign exchange rates, U.S. and non-U.S. interest rates and implied volatilities, and incorporates the resulting diversification benefits provided from the mix of our trading positions. Our VaR model incorporates approximately 5,000 risk factors and includes correlations among currency, interest rates and other market rates.

All VaR measures are subject to limitations and must be interpreted accordingly. Some, but not all, of the limitations of our VaR methodology include the following:

- Compared to a shorter observation period, a two-year observation period is slower to reflect increases in market volatility (although temporary increases in market volatility will affect the calculation of VaR for a longer period); consequently, in periods of sudden increases in volatility or increasing volatility, in each case relative to the prior two-year period, the calculation of VaR may understate current risk;
- Compared to a longer observation period, a two-year observation period may not reflect as many past periods of volatility in the markets, because such past volatility is no longer in the observation period; consequently, historical market scenarios of high volatility, even if similar to current or likely future market circumstances, may fall outside the two-year observation period, resulting in a potential understatement of current risk;
- The VaR-based measure is calibrated to a specified level of confidence and does not indicate the potential magnitude of losses beyond this confidence level;
- In certain cases, VaR-based measures approximate the impact of changes in risk factors on the values of positions and portfolios; this may happen because the number of inputs included in the VaR model is necessarily limited; for example, yield curve risk factors do not exist for all future dates;
- The use of historical market information may not be predictive of future events, particularly those that are extreme in nature; this "backward-looking" limitation can cause VaR to understate or overstate risk;
- The effect of extreme and rare market movements is difficult to estimate; this may result from non-linear risk sensitivities as well as the potential for actual volatility and correlation levels to differ from assumptions implicit in the VaR calculations; and
- Intra-day risk is not captured.

We calculate a stressed VaR-based measure using the same model we use to calculate VaR, but with model inputs calibrated to historical data from a range of continuous twelve-month periods that reflect significant financial stress. The stressed VaR model is designed to identify the second-worst outcome occurring in the worst continuous one-year rolling period since July 2007. This stressed VaR meets the regulatory requirement as the rolling ten-day period with an outcome that is worse than 99% of other outcomes during that twelve-month period of financial

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stress. For each portfolio, the stress period is determined algorithmically by seeking the one-year time horizon that produces the largest ten-business-day VaR from within the available historical data. This historical data set includes the financial crisis of 2008, the highly volatile period surrounding the Eurozone sovereign debt crisis and the Standard & Poor's downgrade of U.S. Treasury debt in August 2011. As the historical data set used to determine the stress period expands over time, future market stress events will be incorporated.

Stress Testing

We have a corporate-wide stress testing program in place that incorporates techniques to measure the potential loss we could suffer in a hypothetical scenario of adverse economic and financial conditions. We also monitor concentrations of risk such as concentration by branch, risk component, and currency pairs. We conduct stress testing on a daily basis based on selected historical stress events that are relevant to our positions in order to estimate the potential impact to our current portfolio should similar market conditions recur, and we also perform stress testing as part of the Federal Reserve's CCAR process. Stress testing is conducted, analyzed and reported at the corporate, trading desk, division and risk-factor level (for example, exchange risk, interest rate risk and volatility risk).

Stress testing results and limits are actively monitored on a daily basis by ERM and reported to the TMRC. Limit breaches are addressed by ERM risk managers in conjunction with the business units, escalated as appropriate, and reviewed by the TMRC if material. In addition, we have established several action triggers that prompt immediate review by management and the implementation of a remediation plan.

We perform scenario analysis daily based on selected historical stress events that are relevant to our positions in order to estimate the potential impact to our current portfolio should similar market conditions recur. Relevant scenarios are chosen from an inventory of historical financial stresses and applied to our current portfolio. These historical event scenarios involve spot foreign exchange, credit, equity, unforeseen geo-political events and natural disasters, and government and central bank intervention scenarios. Examples of the specific historical scenarios we incorporate in our stress testing program may include the Asian financial crisis of 1997, the September 11, 2001 terrorist attacks in the United States and the 2008 financial crisis. We continue to update our inventory of historical stress scenarios as new stress conditions emerge in the financial markets.

As each of the historical stress events is associated with a different time horizon, in some instances we normalize results by scaling down the longer horizon events to a ten-day horizon and keeping the shorter horizon events (i.e., events that are shorter than ten days) at their original terms. We also conduct sensitivity analysis daily to calculate the impact of a large predefined shock in a specific risk factor or a group of risk factors on our current portfolio. These predefined shocks include parallel and non-parallel yield curve shifts and foreign exchange spot and volatility surface shifts. In a parallel shift scenario, we apply a constant factor shift across all yield curve tenors. In a non-parallel shift scenario, we apply different shock levels to different tenors of a yield curve, rather than shifting the entire curve by a constant amount. Non-parallel shifts include steepening, flattening and butterflies.

Validation and Back-Testing

We perform frequent back-testing to assess the accuracy of our VaR-based model in estimating loss at the stated confidence level. This back-testing involves the comparison of estimated VaR model outputs to daily, actual P&L outcomes observed from daily market movements. We back-test our VaR model using a "clean" P&L, which excludes non-trading revenue such as fees, commissions and NII, as well as estimated revenue from intraday trading.

Our VaR definition of trading losses excludes items that are not specific to the price movement of the trading assets and liabilities themselves, such as fees, commissions, changes to reserves and gains or losses from intraday activity.

We experienced one back-testing exception in 2024 and no back-testing exceptions in 2023. At a 99% confidence interval, the statistical expectation for a VaR model is to witness one exception every hundred trading days (or two to three exceptions per year).

Our model validation process also evaluates the integrity of our VaR models through the use of regular outcome analysis. This outcome analysis includes back-testing, which compares the VaR model's predictions to actual outcomes using out-of-sample information. Consistent with regulatory guidance, the back-testing compared a "clean" P&L, defined above, with the one-day VaR produced by the model. The back-testing was performed for a time period not used for model development. The number of occurrences where "clean" trading-book P&L exceeded the one-day VaR was within our expected VaR tolerance level.

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Market Risk Reporting

Our ERM market risk management group is responsible for market risk monitoring and reporting. We use a variety of systems and controlled market feeds from third-party services to compile data for several daily, weekly and monthly management reports.

The following tables present VaR and stressed VaR associated with our trading activities for covered positions held during the years ended December 31, 2024 and 2023, respectively, as measured by our VaR methodology. Diversification effect in the tables below represents the difference between total VaR and the sum of the VaRs for each trading activity. This effect arises because the risks present in our trading activities are not perfectly correlated.

TABLE 32: TEN-DAY VALUE-AT-RISK ASSOCIATED WITH TRADING ACTIVITIES FOR COVERED POSITIONS

(In thousands)	Year Ended December 31, 2024			As of December 31, 2024	Year Ended December 31, 2023			As of December 31, 2023
	Average	Maximum	Minimum	VaR	Average	Maximum	Minimum	VaR
Global Markets	\$ 13,909	\$ 31,813	\$ 6,253	\$ 12,890	\$ 11,697	\$ 23,797	\$ 5,106	\$ 9,029
Global Treasury	2,268	8,332	468	2,451	2,712	7,311	407	1,591
Diversification	(2,056)	(7,807)	(276)	(2,851)	(2,819)	(6,829)	(1,021)	(1,276)
Total VaR	<u>\$ 14,121</u>	<u>\$ 32,338</u>	<u>\$ 6,445</u>	<u>\$ 12,490</u>	<u>\$ 11,590</u>	<u>\$ 24,279</u>	<u>\$ 4,492</u>	<u>\$ 9,344</u>

TABLE 33: TEN-DAY STRESSED VALUE-AT-RISK ASSOCIATED WITH TRADING ACTIVITIES FOR COVERED POSITIONS

(In thousands)	Year Ended December 31, 2024			As of December 31, 2024	Year Ended December 31, 2023			As of December 31, 2023
	Average	Maximum	Minimum	VaR	Average	Maximum	Minimum	VaR
Global Markets	\$ 44,313	\$ 72,735	\$ 16,172	\$ 41,379	\$ 42,569	\$ 103,551	\$ 19,606	\$ 62,724
Global Treasury	8,522	23,717	3,943	7,790	6,710	16,762	3,252	5,578
Diversification	(7,581)	(22,417)	(1,257)	(4,580)	(8,463)	(18,555)	(3,486)	(7,936)
Total Stressed VaR	<u>\$ 45,254</u>	<u>\$ 74,035</u>	<u>\$ 18,858</u>	<u>\$ 44,589</u>	<u>\$ 40,816</u>	<u>\$ 101,758</u>	<u>\$ 19,372</u>	<u>\$ 60,366</u>

The average and period-end stressed VaR-based measures were both approximately \$45 million for the year ended December 31, 2024, compared to \$41 million and \$60 million, respectively, for the year ended December 31, 2023. The increase in the average stressed VaR was primarily attributed to higher foreign exchange and interest rate risk positions.

The VaR-based measures as presented in the preceding tables are primarily a reflection of the overall level of market volatility and our appetite for taking market risk in our trading activities. While overall levels of volatility have varied over the historical observation periods, smaller residual market risk positions during the quarter have led to a reduction in VaR measures presented.

We have in the past and may in the future modify and adjust our models and methodologies used to calculate VaR and stressed VaR, subject to regulatory review and approval, and any future modifications and adjustments may result in changes in our VaR-based and stressed VaR-based measures.

The following tables present the VaR and stressed-VaR associated with our trading activities attributable to foreign exchange risk, interest rate risk and volatility risk as of December 31, 2024 and 2023, respectively. The totals of the VaR-based and stressed VaR-based measures for the three attributes in total exceeded the related total VaR and total stressed VaR presented in the foregoing tables as of each period-end, primarily due to the benefits of diversification across risk types. Diversification effect in the tables below represents the difference between total VaR and the sum of the VaRs for each trading activity. This effect arises because the risks present in our trading activities are not perfectly correlated.

TABLE 34: TEN-DAY VaR ASSOCIATED WITH TRADING ACTIVITIES BY RISK FACTOR⁽¹⁾

(In thousands)	Year Ended December 31, 2024			Year Ended December 31, 2023		
	Foreign Exchange Risk	Interest Rate Risk	Volatility Risk	Foreign Exchange Risk	Interest Rate Risk	Volatility Risk
By component:						
Global Markets	\$ 3,474	\$ 10,422	\$ 180	\$ 2,348	\$ 10,023	\$ 356
Global Treasury	409	2,505	—	496	1,446	—
Diversification	(388)	(2,920)	—	(324)	(831)	—
Total VaR	<u>\$ 3,495</u>	<u>\$ 10,007</u>	<u>\$ 180</u>	<u>\$ 2,520</u>	<u>\$ 10,638</u>	<u>\$ 356</u>

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TABLE 35: TEN-DAY STRESSED VaR ASSOCIATED WITH TRADING ACTIVITIES BY RISK FACTOR⁽¹⁾

(In thousands)	Year Ended December 31, 2024			Year Ended December 31, 2023		
	Foreign Exchange Risk	Interest Rate Risk	Volatility Risk	Foreign Exchange Risk	Interest Rate Risk	Volatility Risk
By component:						
Global Markets	\$ 7,357	\$ 43,800	\$ 518	\$ 5,402	\$ 64,418	\$ 501
Global Treasury	6,246	7,202	—	4,978	6,347	—
Diversification	(5,017)	(8,671)	—	(2,891)	(6,209)	—
Total Stressed VaR	<u>\$ 8,586</u>	<u>\$ 42,331</u>	<u>\$ 518</u>	<u>\$ 7,489</u>	<u>\$ 64,556</u>	<u>\$ 501</u>

⁽¹⁾ For purposes of risk attribution by component, foreign exchange refers only to the risk from market movements in period-end rates. Forwards, futures, options and swaps with maturities greater than period-end have embedded interest rate risk that is captured by the measures used for interest rate risk. Accordingly, the interest rate risk embedded in these foreign exchange instruments is included in the interest rate risk component.

Asset and Liability Management Activities

The primary objective of asset and liability management is to provide sustainable NII under varying economic conditions, while protecting the economic value of the assets and liabilities carried on our consolidated statement of condition from the adverse effects of changes in interest rates. While many market factors affect the level of NII and the economic value of our assets and liabilities, one of the most significant factors is our exposure to movements in interest rates. Most of our NII is earned from the investment of client deposits generated by our businesses. We invest these client deposits in assets that conform generally to the liquidity characteristics of our balance sheet liabilities, as well as the currency composition of our significant non-U.S. dollar denominated client deposits.

We quantify NII sensitivity using an earnings simulation model that includes our expectations for new business growth, changes in balance sheet mix and investment portfolio positioning. This measure compares our baseline view of NII over a twelve-month horizon, based on our internal forecast of interest rates, to a wide range of rate shocks. Our baseline view of NII is updated on a regular basis. Table 36, Key Interest Rates for Baseline Forecasts, presents the spot and 12-month forward rates used in our baseline forecasts at December 31, 2024 and 2023. Our baseline rate forecast as of December 31, 2024 was generally consistent with common market expectations for global central bank actions at that point in time, which implied that rates have reached peak levels and rate cuts will continue in 2025.

TABLE 36: KEY INTEREST RATES FOR BASELINE FORECASTS

	December 31, 2024			December 31, 2023		
	Fed Funds Target	ECB Target ⁽¹⁾	10-Year Treasury	Fed Funds Target	ECB Target ⁽¹⁾	10-Year Treasury
Spot rates	4.50 %	3.00 %	4.57 %	5.50 %	4.00 %	3.88 %
12-month forward rates	4.00	1.75	4.59	4.25	2.75	3.87

⁽¹⁾ European Central Bank deposit facility rate.

In Table 37: Net Interest Income Sensitivity, we report the expected change in NII over the next twelve months from instantaneous 100 basis point shocks to various tenors on the yield curve relative to our baseline rate forecast, including the impacts from U.S. and non-U.S. rates. Each scenario assumes no management action is taken to mitigate the adverse effects of changes in interest rates on our financial performance. While investment securities balances and composition can fluctuate with the level of rates as prepayment assumptions change, for purposes of this analysis our deposit balances and mix are assumed to remain consistent with the baseline forecast which assumes client deposit balance rotation including reductions in non-interest-bearing deposit balances. The results of these scenarios should not be extrapolated for other (e.g., more severe) shocks as the impact of interest rate shocks may not be linear. In lower rate scenarios, the full impact of the shock is realized for all currencies even if the result is negative interest rates.

TABLE 37: NET INTEREST INCOME SENSITIVITY

(In millions)	December 31, 2024			December 31, 2023		
	U.S. Dollar	All Other Currencies	Total	U.S. Dollar	All Other Currencies	Total
Rate change:						
		Benefit (Exposure)			Benefit (Exposure)	
Parallel shifts:						
+100 bps shock	\$ 19	\$ 292	\$ 311	\$ (26)	\$ 274	\$ 248
-100 bps shock	(16)	(254)	(270)	4	(227)	(223)
Steeper yield curve:						
+100 bps shift in long-end rates ⁽¹⁾	28	22	50	28	11	39
-100 bps shift in short-end rates ⁽¹⁾	13	(233)	(220)	35	(215)	(180)
Flatter yield curve:						
+100 bps shift in short-end rates ⁽¹⁾	(9)	270	261	(53)	262	209
-100 bps shift in long-end rates ⁽¹⁾	(29)	(22)	(51)	(30)	(11)	(41)

⁽¹⁾ The short end is 0-3 months. The long end is 5 years and above. Interim term points are interpolated.

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Our overall balance sheet, including all currencies, continues to be asset sensitive with an NII benefit in higher rate scenarios and NII exposure in lower rate scenarios. As of December 31, 2024, our USD balance sheet's NII sensitivity is relatively neutral given expectations for USD deposit betas and the repricing characteristics of our USD assets. Compared to December 31, 2023, our USD NII turned asset sensitive largely driven by lower investment portfolio duration and lower non-interest bearing deposits. As of December 31, 2024, non-USD NII benefits from higher rate scenarios and is exposed to lower rates primarily driven by our sensitivities on the short-end of the yield curve. Compared to December 31, 2023, our non-USD NII sensitivity increased, driven by higher deposit balances and lower duration in the investment portfolio.

EVE sensitivity is a discounted cash flow model designed to estimate the fair value of assets and liabilities under a series of interest rate shocks over a long-term horizon. In the following table, we report our EVE sensitivity to 200 bps instantaneous rate shocks, relative to spot interest rates. EVE sensitivity is dependent on the timing of interest and principal cash flows. Also, the measure only evaluates the spot balance sheet and does not include the impact of new business assumptions.

TABLE 38: ECONOMIC VALUE OF EQUITY SENSITIVITY

(In millions)	As of December 31,	
	2024	2023
Rate change:	Benefit (Exposure)	
+200 bps shock	\$ (1,024)	\$ (1,447)
-200 bps shock	1,205	1,683

As of December 31, 2024, EVE sensitivity remains exposed to upward shifts in interest rates. Compared to December 31, 2023, our sensitivity in the up 200bp shock scenario decreased, primarily driven by a decrease in the duration of the investment portfolio.

Both NII sensitivity and EVE sensitivity are routinely monitored as market conditions change. For additional information about our Asset and Liability Management Activities, refer to Management's Discussion and Analysis of Financial Condition and Results of Operations, "Risk Management."

Model Risk Management

State Street uses models to support its financial decision-making and business activities. Model risk is the potential for adverse outcomes due to incorrectly implemented or misused model outputs. Model Risk Management (MRM) is a separate control function within Enterprise Risk Management (ERM) responsible for specifying and maintaining the firmwide MRM policy and framework designed to monitor and control model risk within our risk appetite.

The MRM framework includes:

- Model risk governance that defines roles and responsibilities, including the authority to restrict model usage, provides policies and guidance, monitors compliance, and reports regularly to relevant internal committees and the Board of Directors on the overall degree of model risk across the firm;
- Model development standards that focus on conceptual soundness and computational accuracy, data quality, robustness, stability, and sensitivity to assumptions; and
- Model validation standards designed to verify that models are conceptually sound, are computationally accurate, are performing as expected, and are in line with their intended use, and evaluate the level of model risk for each model by considering the model's materiality, usage, performance, and sufficiency of compensating controls among other factors

The MRM function is further responsible for model identification.

Governance

Models used in the regulatory capital calculation can only be deployed for use after undergoing a model validation by ERM's MRM group. The model validation results and/or a decision by the MRC must permit model usage or the model may not be used.

ERM's MRM group is responsible for defining the corporate-wide model risk management framework and maintaining policies that are designed to achieve the framework's objectives. All regulatory capital calculation models, including any artificial intelligence and machine learning models, must comply with the model risk management framework and corresponding policies. The group is responsible for overall model risk governance capabilities, with particular emphasis in the areas of model identification, model validation, model risk reporting, model performance monitoring, tracking of new model development status and committee-level review and challenge.

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The MRC, which is composed of senior managers representing MRM along with functional areas and business units, reports to MRAC, and provides guidance and oversight to the MRM function.

Model Development and Ongoing Monitoring

Models are developed under guidelines governing data sourcing, methodology selection and model integrity testing. Model development includes a statement of purpose to align development with intended use. It may also include a comparison of alternative approaches to promote a sound modeling approach.

Model developers conduct an assessment of data quality and relevance. The development teams conduct a variety of tests of the accuracy, robustness and stability of each model.

Model owners submit models to the MVG for validation on a regular basis, as per the existing policy. The model owners also conduct ongoing monitoring of each model.

Model Validation

MVG is part of MRM within ERM and performs model validations and reviews. MVG is independent, as contemplated by applicable bank regulatory requirements, of both the developers and users of the models. MVG validates models through an evaluation process that assesses the appropriateness, accuracy, and suitability of data inputs, methodologies, documentation, assumptions, and processing code. Model validation also encompasses an assessment of model performance, sensitivity, and robustness, as well as a model's potential limitations given its particular assumptions or deficiencies. Based on the results of its review, MVG issues a model use decision and may require remedial actions and/or compensating controls on model use. MVG also maintains a model risk rating system, which assigns a risk rating to each model based on an assessment of a model's inherent and residual risks. These ratings aid in the understanding and reporting of model risk across the model portfolio, and enable the triaging of needs for remediation.

Although model validation is the primary method of subjecting models to independent review and challenge, in practice, a multi-step governance process provides the opportunity for challenge by multiple parties. First, MVG conducts a model validation and issues a model use decision. MVG communicates their result as one of the following three outcomes: "Approved," "Approved with conditions," or "Not Approved". There are three ways in which a model can be deemed "Not approved for Use" given a validation: 1) the aggregation of the model scoring within MRM's model risk rating system is poor enough to result in a "high" rating, 2) the

scoring of one or more model risk rating system element(s) is deemed "critical" resulting in an automatic "high" rating irrespective of the other elements as the "critical" element(s) undermines the model, or 3) the remediation action is not properly taken by the due date resulting in a severe compliance breach that undercuts the model rating. Second, these decisions may be reviewed, challenged, and confirmed by the MRC. Finally, model use decisions, risk ratings, and overall levels of model risk may be escalated to and reviewed by MRAC. MRM also reports regularly on model risk issues to the Board.

Strategic Risk Management

We define strategic risk as the current or prospective impact on earnings or capital arising from adverse business decisions, improper implementation of strategic initiatives, or lack of responsiveness to industry-wide changes. Strategic risks are influenced by changes in the competitive environment; decline in market performance or changes in our business activities; and the potential secondary impacts of reputational risks, not already captured as market, interest rate, credit, operational, model or liquidity risks. We incorporate strategic risk into our assessment of our business plans and risk and capital management processes. Management of strategic risk is an integral component of all aspects of our business.

Separating the effects of a potential material adverse event into operational and strategic risk is sometimes difficult. For instance, the direct financial impact of an unfavorable event in the form of fines or penalties would be classified as an operational risk loss, while the impact on our reputation and consequently the potential loss of clients and corresponding decline in revenue would be classified as a strategic risk loss. An additional example of strategic risk is the integration of a major acquisition. Failure to successfully integrate the operations of an acquired business, and the resultant inability to retain clients and the associated revenue, would be classified as a loss due to strategic risk.

Strategic risk is managed with a long-term focus. Techniques for its assessment and management include the development of business plans, which are subject to review and challenge from senior management and the Board of Directors, as well as a formal review and approval process for all new business and product proposals. The potential impact of the various elements of strategic risk is difficult to quantify with any degree of precision. We use a combination of historical earnings volatility, scenario analysis, stress-testing and management judgment to help assess the potential effect on us attributable to strategic risk. Management and control of strategic

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risks are generally the responsibility of the business units, with oversight from the control functions, as part of their overall strategic planning and internal risk management processes.

CAPITAL

Managing our capital involves evaluating whether our actual and projected levels of capital are commensurate with our risk profile, are in compliance with all applicable regulatory requirements, and are sufficient to provide us with the financial flexibility to undertake future strategic business initiatives. We assess capital adequacy based on relevant regulatory capital requirements, as well as our own internal capital goals, targets and other relevant metrics.

Framework

Our objective with respect to management of our capital is to maintain a strong capital base in order to provide financial flexibility for our business needs, including funding corporate growth and supporting clients' cash management needs, and to provide protection against loss to depositors and creditors. We strive to maintain an appropriate level of capital, commensurate with our risk profile, on which an attractive return to shareholders is expected to be realized over both the short and long-term, while protecting our obligations to depositors and creditors and complying with regulatory capital requirements.

Our capital management focuses on our risk exposures, the regulatory requirements applicable to us with respect to multiple capital measures, the evaluations and resulting credit ratings of the major independent rating agencies, our return on capital at both the consolidated and line-of-business level and our capital position relative to our peers.

Assessment of our overall capital adequacy includes the comparison of capital sources with capital uses, as well as the consideration of the quality and quantity of the various components of capital. The assessment seeks to determine the optimal level of capital and composition of capital instruments to satisfy all constituents of capital, with the lowest overall cost to shareholders. Other factors considered in our assessment of capital adequacy are strategic and contingency planning, stress testing and planned capital actions.

Capital Adequacy Process (CAP)

Our primary federal banking regulator is the Federal Reserve. Both we and State Street Bank are subject to the minimum regulatory capital requirements established by the Federal Reserve and defined in the Federal Deposit Insurance Corporation Improvement Act. State Street Bank must exceed the regulatory capital thresholds for "well capitalized" in order for our Parent Company to maintain its status as a financial holding company. Accordingly, one of

our primary objectives with respect to capital management is to exceed all applicable minimum regulatory capital requirements and for State Street Bank to be "well capitalized" under the PCA guidelines established by the FDIC. Our capital management activities are conducted as part of our corporate-wide CAP and associated Capital Policy and Guidelines.

We consider capital adequacy to be a key element of our financial well-being, which affects our ability to attract and maintain client relationships; operate effectively in the global capital markets; and satisfy regulatory, security holders and shareholder needs. Capital is one of several elements that affect our credit ratings and the ratings of our principal subsidiaries.

In conformity with our Capital Policy and Guidelines, we strive to achieve and maintain specific internal capital levels, not just at a point in time, but over time and during periods of stress, to account for changes in our strategic direction, evolving economic conditions, and financial and market volatility. We have developed and implemented a corporate-wide CAP to assess our overall capital in relation to our risk profile and to provide a comprehensive strategy for maintaining appropriate capital levels. The CAP considers material risks under multiple scenarios, with an emphasis on stress scenarios, and encompasses existing processes and systems used to measure our capital adequacy.

Capital Contingency Planning

Contingency planning is an integral component of capital management. The objective of contingency planning is to monitor current and forecast levels of select capital, liquidity and other measures that serve as early indicators of a potentially adverse capital or liquidity adequacy situation. These measures are one of the inputs used to set our internal capital adequacy level. We review these measures annually for appropriateness and relevance in relation to our financial budget and capital plan. In addition, we maintain an inventory of capital contingency actions designed to conserve or generate capital to support the unique risks in our business model, our client and investor demands and regulatory requirements.

Stress Testing

We administer a robust business-wide stress-testing program that executes stress tests each year to assess the institution's capital adequacy and/or future performance under adverse conditions. Our stress testing program is structured around what we determine to be the key risks inherent in our business, as assessed through a recurring material risk identification process. The material risk identification process represents a bottom-up approach to identifying the institution's most

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significant risk exposures across all on- and off-balance sheet risk-taking activities, including credit, market, liquidity, interest rate, operational, fiduciary, business, reputation and regulatory risks. These key risks serve as an organizing principle for much of our risk management framework, as well as reporting, including the "risk dashboard" provided to the Board.

In connection with the focus on our key risks, each stress test incorporates idiosyncratic loss events tailored to our unique risk profile and business activities. Due to the nature of our business model and our consolidated statement of condition, our risks differ from those of a traditional commercial bank. Over the past few years, stress scenarios have included a deep recession in the United States, including impacts from the COVID-19 pandemic, a break-up of the Eurozone, a severe recession in China and an oil shock precipitated by turmoil in the Middle East/North Africa region.

The Federal Reserve requires bank holding companies with total consolidated assets of \$50 billion or more, which includes us, to submit a capital plan on an annual basis. The Federal Reserve uses its annual CCAR process, which incorporates hypothetical financial and economic stress scenarios, to review those capital plans and assess whether banking organizations have capital planning processes that account for idiosyncratic risks and provide for sufficient capital to continue operations throughout times of economic and financial stress. As part of its CCAR process, the Federal Reserve assesses each organization's capital adequacy, capital planning process and plans to distribute capital, such as dividend payments or stock purchase programs. Management and Board risk committees review, challenge and approve CCAR results and assumptions before submission to the Federal Reserve.

Through the evaluation of our capital adequacy and/or future performance under adverse conditions, the stress testing process provides us important insights for capital planning, risk management and strategic decision-making.

Governance

In order to support integrated decision-making, we have identified three management elements to aid in the compatibility and coordination of our CAP:

- Risk Management - identification, measurement, monitoring and forecasting of different types of risk and their combined impact on capital adequacy;
- Capital management - determination of optimal capital levels; and

- Business Management - strategic planning, budgeting, forecasting and performance management.

We have a hierarchical structure supporting appropriate committee review of relevant risk and capital information. The ongoing responsibility for capital management rests with our Treasurer. The Capital Management group within Global Treasury is responsible for the Capital Policy and Guidelines, development of the Capital Plan, the oversight of global capital management and optimization.

The MRAC provides oversight of our capital management, our capital adequacy, our internal targets and the expectations of the major independent credit rating agencies. In addition, MRAC approves our balance sheet strategy and related activities. The Board's RC assists the Board in fulfilling its oversight responsibilities related to the assessment and management of risk and capital. Our Capital Policy is reviewed and approved annually by the Board's RC.

Global Systemically Important Bank

We have been identified by the Financial Stability Board and the Basel Committee on Banking Supervision as a G-SIB. Our designation as a G-SIB is based on a number of factors, as evaluated by banking regulators, and requires us to maintain an additional capital surcharge above the minimum capital ratios set forth in the Basel III rule.

We and our depository institution subsidiaries are subject to the current Basel III minimum risk-based capital and leverage ratio guidelines.

Additional information about G-SIBs is provided under "Regulatory Capital Adequacy and Liquidity Standards" in "Supervision and Regulation" in Business in this Form 10-K.

Regulatory Capital

We and State Street Bank, as advanced approaches banking organizations, are subject to the U.S. Basel III framework. We are also subject to the final market risk capital rule issued by the U.S. Agencies.

The Basel III rule provides two frameworks for monitoring capital adequacy: the "standardized approach" and the "advanced approaches", applicable to advanced approaches banking organizations, like us. The standardized approach prescribes standardized calculations for credit risk RWA, including specified risk weights for on and certain off-balance sheet exposures. The advanced approaches consist of the Advanced Internal Ratings-Based Approach used for the calculation of credit risk RWA, and the Advanced Measurement Approach used for the calculation of operational risk RWA.

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As required by the Dodd-Frank Wall Street Reform and Consumer Protection Act (Dodd-Frank Act) enacted in 2010, we and State Street Bank, as advanced approaches banking organizations, are subject to a "capital floor," also referred to as the Collins Amendment, in the assessment of our regulatory capital adequacy, such that our risk-based capital ratios for regulatory assessment purposes are the lower of each ratio calculated under the advanced approaches and the standardized approach. Under the advanced approaches, State Street and State Street Bank are subject to a 2.5% CCB requirement, plus any applicable countercyclical capital buffer requirement, which is currently set at 0%. Under the standardized approach, State Street Bank is subject to the same CCB and countercyclical capital buffer requirements, but for State Street, the 2.5% CCB requirement is replaced by the SCB requirement according to the SCB rule issued in 2020. In addition, State Street is subject to a G-SIB surcharge.

The SCB replaced, under the standardized approach, the CCB with a buffer calculated as the difference between the institution's starting and lowest projected CET1 ratio under the CCAR severely adverse scenario plus planned common stock dividend payments (as a percentage of RWA) from the fourth through seventh quarter of the CCAR planning horizon. The SCB requirement can be no less than 2.5% of RWA. Breaching the SCB or other regulatory buffer or surcharge will limit a banking organization's ability to make capital distributions and discretionary bonus payments to executive officers.

Our SCB requirement was 2.5% for the period from October 1, 2023 through September 30, 2024. On June 26, 2024, we were notified by the Federal Reserve of the results from the 2024 supervisory stress test. Our SCB calculated under the 2024 supervisory stress test was below the 2.5% minimum, resulting in an SCB at that floor, which remains in effect for the period from October 1, 2024 through September 30, 2025.

Our minimum risk-based capital ratios as of January 1, 2024 include a CCB of 2.5% and a SCB of 2.5% for the advanced approaches and standardized approach, respectively, a G-SIB surcharge of 1.0%, and a countercyclical buffer of 0.0%. This results in minimum risk-based ratios of 8.0% for the Common Equity Tier 1 (CET1) capital ratio, 9.5% for the tier 1 capital ratio, and 11.5% for the total capital ratio.

Our current G-SIB surcharge, through December 31, 2025, is 1.0%. Based upon preliminary calculations using data as of December 31, 2024, we currently anticipate that our surcharge will remain at 1.0% through December 31, 2026; however, that calculation has not yet been finalized and is subject to many financial, balance sheet, market and other factors, and consequently there is a risk that a higher G-SIB surcharge (e.g., 1.5%) may result from the final calculation.

To maintain the status of the Parent Company as a financial holding company, we and our IDI subsidiaries are required, among other requirements, to be "well capitalized" as defined by Regulation Y and Regulation H.

The market risk capital rule requires us to use internal models to calculate daily measures of VaR, which reflect general market risk for certain of our trading positions defined by the rule as "covered positions," as well as stressed-VaR measures to supplement the VaR measures. The rule also requires a public disclosure composed of qualitative and quantitative information about the market risk associated with our trading activities and our related VaR and stressed-VaR measures. The qualitative and quantitative information required by the rule is provided under "Market Risk Management" included in this Management's Discussion and Analysis.

The following table presents the regulatory capital structure and related regulatory capital ratios for us and State Street Bank as of the dates indicated. We are subject to the more stringent of the risk-based capital ratios calculated under the standardized approach and those calculated under the advanced approaches in the assessment of our capital adequacy under applicable bank regulatory standards.

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TABLE 39: REGULATORY CAPITAL STRUCTURE AND RELATED REGULATORY CAPITAL RATIOS

	State Street Corporation				State Street Bank					
	Basel III Advanced Approaches December 31, 2024	Basel III Standardized Approach December 31, 2024	Basel III Advanced Approaches December 31, 2023	Basel III Standardized Approach December 31, 2023	Basel III Advanced Approaches December 31, 2024	Basel III Standardized Approach December 31, 2024	Basel III Advanced Approaches December 31, 2023	Basel III Standardized Approach December 31, 2023		
(Dollars in millions)										
Common shareholders' equity:										
Common stock and related surplus	\$ 11,226	\$ 11,226	\$ 11,245	\$ 11,245	\$ 13,333	\$ 13,333	\$ 13,033	\$ 13,033		
Retained earnings	29,582	29,582	27,957	27,957	15,977	15,977	14,454	14,454		
Accumulated other comprehensive income (loss)	(2,100)	(2,100)	(2,354)	(2,354)	(1,805)	(1,805)	(2,097)	(2,097)		
Treasury stock, at cost	(16,198)	(16,198)	(15,025)	(15,025)	—	—	—	—		
Total	22,510	22,510	21,823	21,823	27,505	27,505	25,390	25,390		
Regulatory capital adjustments:										
Goodwill and other intangible assets, net of associated deferred tax liabilities	(8,320)	(8,320)	(8,470)	(8,470)	(8,054)	(8,054)	(8,208)	(8,208)		
Other adjustments ⁽¹⁾	(391)	(391)	(382)	(382)	(278)	(278)	(298)	(298)		
Common equity tier 1 capital	13,799	13,799	12,971	12,971	19,173	19,173	16,884	16,884		
Preferred stock	2,816	2,816	1,976	1,976	—	—	—	—		
Tier 1 capital	16,615	16,615	14,947	14,947	19,173	19,173	16,884	16,884		
Qualifying subordinated long-term debt	1,861	1,861	1,870	1,870	530	530	536	536		
Adjusted allowance for credit losses	—	183	—	150	—	183	—	150		
Total capital	\$ 18,476	\$ 18,659	\$ 16,817	\$ 16,967	\$ 19,703	\$ 19,886	\$ 17,420	\$ 17,570		
Risk-weighted assets:										
Credit risk ⁽²⁾	\$ 63,252	\$ 124,281	\$ 61,210	\$ 109,228	\$ 57,883	\$ 121,785	\$ 54,942	\$ 107,067		
Operational risk ⁽³⁾	49,350	NA	43,768	NA	47,538	NA	42,297	NA		
Market risk	2,000	2,000	2,475	2,475	2,000	2,000	2,475	2,475		
Total risk-weighted assets	\$ 114,602	\$ 126,281	\$ 107,453	\$ 111,703	\$ 107,421	\$ 123,785	\$ 99,714	\$ 109,542		
Capital Ratios:	2024 Minimum Requirements Including Capital Conservation Buffer and G-SIB Surcharge ⁽⁴⁾	2023 Minimum Requirements Including Capital Conservation Buffer and G-SIB Surcharge ⁽⁴⁾								
Common equity tier 1 capital	8.0 %	8.0 %	12.0 %	10.9 %	12.1 %	11.6 %	17.8 %	15.5 %	16.9 %	15.4 %
Tier 1 capital	9.5	9.5	14.5	13.2	13.9	13.4	17.8	15.5	16.9	15.4
Total capital	11.5	11.5	16.1	14.8	15.7	15.2	18.3	16.1	17.5	16.0

⁽¹⁾ Other adjustments within CET1 capital primarily include disallowed deferred tax assets, cash flow hedges that are not recognized at fair value on the balance sheet, and the overfunded portion of our defined benefit pension plan obligation net of associated deferred tax liabilities.

⁽²⁾ Under the advanced approaches, credit risk RWA includes a CVA which reflects the risk of potential fair value adjustments for credit risk reflected in our valuation of OTC derivative contracts. We used a simple CVA approach in conformity with the Basel III advanced approaches.

⁽³⁾ Under the current advanced approaches rules and regulatory guidance concerning operational risk models, RWA attributable to operational risk can vary substantially from period-to-period, without direct correlation to the effects of a particular loss event on our results of operations and financial condition and impacting dates and periods that may differ from the dates and periods as of and during which the loss event is reflected in our financial statements, with the timing and categorization dependent on the processes for model updates and, if applicable, model revalidation and regulatory review and related supervisory processes. An individual loss event can have a significant effect on the output of our operational RWA under the advanced approaches depending on the severity of the loss event and its categorization among the seven Basel-defined UOMs.

⁽⁴⁾ Minimum requirements include a CCB of 2.5% and a SCB of 2.5% for the advanced approaches and the standardized approach, respectively, a G-SIB surcharge of 1.0% and a countercyclical buffer of 0%. On June 26, 2024, we were notified by the Federal Reserve of the results from the 2024 supervisory stress test. Our SCB calculated under the 2024 supervisory stress test was well below the 2.5% minimum, resulting in an SCB at that floor, which remains in effect for the period from October 1, 2024 through September 30, 2025.

^{NA} Not applicable

Our CET1 capital increased \$0.83 billion as of December 31, 2024 compared to December 31, 2023, primarily due to an increase in net income and improved AOCI, partially offset by dividends declared and common share repurchases in 2024. Our Tier 1 capital increased \$1.67 billion as of December 31, 2024 compared to December 31, 2023 under both the advanced approaches and standardized approach, due to the increase in CET1 capital and net issuance of preferred stock in 2024.

Our Tier 2 capital remained relatively flat as of December 31, 2024 compared to December 31, 2023, under the advanced approaches and standardized approach.

Total capital increased under the advanced approaches and standardized approach, as of December 31, 2024 compared to December 31, 2023, by \$1.66 billion and \$1.69 billion, respectively, primarily due to the increase in CET1 capital and net issuance of preferred stock in 2024.

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The table below presents a roll-forward of CET1 capital, Tier 1 capital and total capital for the years ended December 31, 2024 and 2023.

TABLE 40: CAPITAL ROLL-FORWARD

(In millions)	Basel III Advanced Approaches December 31, 2024	Basel III Standardized Approach December 31, 2024	Basel III Advanced Approaches December 31, 2023	Basel III Standardized Approach December 31, 2023
Common equity tier 1 capital:				
Common equity tier 1 capital balance, beginning of period	\$ 12,971	\$ 12,971	\$ 14,547	\$ 14,547
Net income	2,687	2,687	1,944	1,944
Changes in treasury stock, at cost	(1,173)	(1,173)	(3,689)	(3,689)
Dividends declared	(1,062)	(1,062)	(958)	(958)
Goodwill and other intangible assets, net of associated deferred tax liabilities	150	150	75	75
Accumulated other comprehensive income (loss) ⁽¹⁾	254	254	1,357	1,357
Other adjustments ⁽¹⁾	(28)	(28)	(305)	(305)
Changes in common equity tier 1 capital	<u>828</u>	<u>828</u>	<u>(1,576)</u>	<u>(1,576)</u>
Common equity tier 1 capital balance, end of period	<u>13,799</u>	<u>13,799</u>	12,971	12,971
Additional tier 1 capital:				
Tier 1 capital balance, beginning of period	14,947	14,947	16,523	16,523
Changes in common equity tier 1 capital	828	828	(1,576)	(1,576)
Net issuance (redemption) of preferred stock	840	840	—	—
Changes in tier 1 capital	<u>1,668</u>	<u>1,668</u>	<u>(1,576)</u>	<u>(1,576)</u>
Tier 1 capital balance, end of period	<u>16,615</u>	<u>16,615</u>	14,947	14,947
Tier 2 capital:				
Tier 2 capital balance, beginning of period	1,870	2,020	1,376	1,496
Net issuance (redemption) and changes in long-term debt qualifying as tier 2 capital	(9)	(9)	494	494
Changes in allowance for credit losses	—	33	—	30
Changes in tier 2 capital	<u>(9)</u>	<u>24</u>	<u>494</u>	<u>524</u>
Tier 2 capital balance, end of period	<u>1,861</u>	<u>2,044</u>	1,870	2,020
Total capital:				
Total capital balance, beginning of period	16,817	16,967	17,899	18,019
Changes in tier 1 capital	1,668	1,668	(1,576)	(1,576)
Changes in tier 2 capital	(9)	24	494	524
Total capital balance, end of period	<u>\$ 18,476</u>	<u>\$ 18,659</u>	<u>\$ 16,817</u>	<u>\$ 16,967</u>

⁽¹⁾ Accumulated other comprehensive income (loss) includes losses on cash flow hedges where the hedged exposures are not recognized at fair value on the balance sheet, which, under the Capital Rule, must be excluded from CET1 capital. This adjustment is captured in the Other Adjustments line.

The following table presents a roll-forward of the Basel III advanced approaches and standardized approach RWA for the years ended December 31, 2024 and 2023.

TABLE 41: ADVANCED & STANDARDIZED APPROACHES RISK-WEIGHTED ASSETS ROLL-FORWARD

(In millions)	Basel III Advanced Approaches December 31, 2024	Basel III Advanced Approaches December 31, 2023	Basel III Standardized Approach December 31, 2024	Basel III Standardized Approach December 31, 2023
Total risk-weighted assets, beginning of period	\$ 107,453	\$ 105,359	\$ 111,703	\$ 107,227
Changes in credit risk-weighted assets:				
Net increase (decrease) in investment securities-wholesale	(585)	(1,927)	(1,000)	(1,614)
Net increase (decrease) in loans and overdrafts	919	405	2,241	1,734
Net increase (decrease) in securitization exposures	628	359	592	339
Net increase (decrease) in repo-style transaction exposures	(558)	932	2,968	1,851
Net increase (decrease) in over-the-counter derivatives exposures ⁽¹⁾	2,595	25	10,778	(311)
Net increase (decrease) in all other ⁽²⁾	<u>(957)</u>	<u>308</u>	<u>(526)</u>	<u>1,490</u>
Net increase (decrease) in credit risk-weighted assets	2,042	102	15,053	3,489
Net increase (decrease) in market risk-weighted assets	(475)	987	(475)	987
Net increase (decrease) in operational risk-weighted assets	5,582	1,005	NA	NA
Total risk-weighted assets, end of period	<u>\$ 114,602</u>	<u>\$ 107,453</u>	<u>\$ 126,281</u>	<u>\$ 111,703</u>

⁽¹⁾ Under the advanced approaches, includes CVA RWA.

⁽²⁾ Includes assets not in a definable category, non-material portfolio, cleared transactions, other wholesale, cash and due from banks, interest-bearing deposits with banks and equity exposures.

^{NA} Not applicable.

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As of December 31, 2024, total advanced approaches RWA increased \$7.15 billion compared to December 31, 2023, mainly due to an increase in operational risk RWA. The increase in operational risk RWA was primarily due to a model recalibration driven largely by an increase in the value of loss due to inflation and to reflect more recent loss history. Credit risk RWA increased \$2.04 billion compared to December 31, 2023, mainly due to increase in over-the-counter derivatives driven by market volatility.

As of December 31, 2024, total standardized approach RWA increased \$14.58 billion compared to December 31, 2023, mainly driven by an increase in credit risk RWA. The increase in credit risk RWA mainly reflects higher derivatives RWA, driven by market volatility, higher repo-style transaction RWA, driven by volume, and higher loans RWA, driven by private equity capital call finance loans and CLO loans.

The regulatory capital ratios as of December 31, 2024, presented in Table 39: Regulatory Capital Structure and Related Regulatory Capital Ratios, are calculated under the advanced approaches and standardized approach in conformity with the Basel III final rule. The advanced approaches based ratios reflect calculations and determinations with respect to our capital and related matters as of December 31, 2024, based on our internal and external data, quantitative formulae, statistical models, historical correlations and assumptions, collectively referred to as "advanced systems," in effect and used by us for those purposes as of the time we first reported such ratios in a quarterly report on Form 10-Q or an annual report on Form 10-K. Significant components of these advanced systems involve the exercise of judgment by us and our regulators, and our advanced systems may not, individually or collectively, precisely represent or calculate the scenarios, circumstances, outputs or other results for which they are designed or intended.

Our advanced systems are subject to update and periodic revalidation in response to changes in our business activities and our historical experiences, forces and events experienced by the market broadly or by individual financial institutions, changes in regulations and regulatory interpretations and other factors, and are also subject to continuing regulatory review and approval. For example, a significant operational loss experienced by another financial institution, even if we do not experience a related loss, could result in a material change in the output of our advanced systems and a corresponding material change in our risk exposures, our total RWA and our capital ratios compared to prior periods. An operational loss that we experience could also result in a material change in our capital requirements for operational risk under the advanced approaches,

depending on the severity of the loss event, its characterization among the seven Basel-defined UOM, and the stability of the distributional approach for a particular UOM, and without direct correlation to the effects of the loss event, or the timing of such effects, on our results of operations.

Due to the influence of changes in these advanced systems, whether resulting from changes in data inputs, regulation or regulatory supervision or interpretation, specific to us or market activities or experiences or other updates or factors, we expect that our advanced systems and our capital ratios calculated in conformity with the Basel III final rule will change and may be volatile over time, and that those latter changes or volatility could be material as calculated and measured from period to period. The full effects of the Basel III final rule on us and State Street Bank are therefore subject to further evaluation and also to further regulatory guidance, action or rule-making.

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Tier 1 and Supplementary Leverage Ratios

We are subject to a minimum Tier 1 leverage ratio and SLR. The Tier 1 leverage ratio is based on Tier 1 capital and adjusted quarterly average on-balance sheet assets. The Tier 1 leverage ratio differs from the SLR primarily in that the denominator of the Tier 1 leverage ratio is a quarterly average of on-balance sheet assets, while the SLR additionally includes off-balance sheet exposures. We must maintain a minimum Tier 1 leverage ratio of 4%.

We are also subject to a minimum SLR of 3%, and as a U.S. G-SIB, we must maintain a 2% SLR buffer in order to avoid any limitations on distributions to shareholders and discretionary bonus payments to certain executives. If we do not maintain this buffer, limitations on these distributions and discretionary bonus payments would be increasingly stringent based upon the extent of the shortfall.

TABLE 42: TIER 1 AND SUPPLEMENTARY LEVERAGE RATIOS

(Dollars in millions)	December 31, 2024	December 31, 2023
State Street:		
Tier 1 capital	\$ 16,615	\$ 14,947
Average assets	327,181	278,659
Less: adjustments for deductions from tier 1 capital and other	(8,711)	(8,852)
Adjusted average assets for Tier 1 leverage ratio	318,470	269,807
Additional SLR exposure	38,659	39,291
Adjustments for deductions of qualifying central bank deposits	(87,496)	(69,579)
Total assets for SLR	<u>\$ 269,633</u>	<u>\$ 239,519</u>
Tier 1 leverage ratio ⁽¹⁾	5.2 %	5.5 %
Supplementary leverage ratio	6.2	6.2
State Street Bank⁽²⁾:		
Tier 1 capital	\$ 19,173	\$ 16,884
Average assets	323,086	275,324
Less: adjustments for deductions from tier 1 capital and other	(8,332)	(8,506)
Adjusted average assets for Tier 1 leverage ratio	314,754	266,818
Additional SLR exposure	40,299	39,069
Adjustments for deductions of qualifying central bank deposits	(87,496)	(69,579)
Total assets for SLR	<u>\$ 267,557</u>	<u>\$ 236,308</u>
Tier 1 leverage ratio ⁽¹⁾	6.1 %	6.3 %
Supplementary leverage ratio	7.2	7.1

⁽¹⁾ Tier 1 leverage ratios were calculated in conformity with the Basel III final rule.

⁽²⁾ The SLR rule requires that, as of January 1, 2018, (i) State Street Bank maintains an SLR of at least 6.0% to be well capitalized under the U.S. banking regulators' Prompt Corrective Action Framework and (ii) we maintain an SLR of at least 5.0% to avoid limitations on capital distributions and discretionary bonus payments. In addition to the SLR, State Street Bank is subject to a well capitalized Tier 1 leverage ratio requirement of 5.0%.

Total Loss-Absorbing Capacity (TLAC)

The Federal Reserve's final rule on TLAC, LTD and clean holding company requirements for U.S. domiciled G-SIBs, such as us, is intended to improve the resiliency and resolvability of certain U.S. banking organizations through enhanced prudential standards, and requires us, among other things, to comply with minimum requirements for external TLAC (combined eligible tier 1 regulatory capital and LTD) and LTD. Specifically, we must hold:

Amount equal to:	
External TLAC	Greater of: <ul style="list-style-type: none"> • 21.5% of total RWA (18.0% minimum plus 2.5% plus a G-SIB surcharge calculated for these purposes under Method 1 of 1.0% plus any applicable countercyclical buffer, which is currently 0%); and • 9.5% of total leverage exposure (7.5% minimum plus the SLR buffer of 2.0%), as defined by the SLR final rule.
Qualifying external LTD	Greater of: <ul style="list-style-type: none"> • 7.0% of RWA (6.0% minimum plus a G-SIB surcharge calculated for these purposes under method 2 of 1.0%); and • 4.5% of total leverage exposure, as defined by the SLR final rule.

The following table presents external TLAC and external LTD as of December 31, 2024.

TABLE 43: TOTAL LOSS-ABSORBING CAPACITY

(Dollars in millions)	As of December 31, 2024			
	Actual		Requirement	
Total loss-absorbing capacity:				
Risk-weighted assets	\$ 38,768	30.7 %	\$ 27,150	21.5 %
Total leverage exposure	38,768	14.4	25,615	9.5
Long-term debt:				
Risk-weighted assets	18,828	14.9	8,840	7.0
Total leverage exposure	18,828	7.0	12,133	4.5

Additional information about TLAC is provided under "Total Loss-Absorbing Capacity" in "Supervision and Regulation" in Business in this Form 10-K.

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Regulatory Developments

On July 27, 2023, the U.S. Agencies issued the 2023 Basel III Endgame Proposal for large banks, and separately proposed revisions to the 2023 G-SIB Surcharge Proposal. The 2023 Basel III Endgame Proposal would, among other things, eliminate the advanced approaches for monitoring risk-based capital adequacy in favor of a new standardized expanded risk-based approach that includes new standardized approaches for operational risk and CVA risk RWA components, and would also replace the existing market risk rule with the new FRTB framework. The G-SIB Surcharge Proposal would, among other things, measure the G-SIB surcharge in more granular 0.1% increments as opposed to the 0.5% increments that currently apply.

For additional information about regulatory developments, refer to the "Regulatory Capital Adequacy and Liquidity Standards" section of "Supervision and Regulation" in Business in this Form 10-K.

Capital Actions

Preferred Stock

The following table summarizes selected terms of each of the series of the preferred stock issued and outstanding as of December 31, 2024:

TABLE 44: PREFERRED STOCK ISSUED AND OUTSTANDING

Preferred Stock ⁽¹⁾	Issuance Date	Depository Shares Issued	Amount outstanding (in millions)	Ownership Interest Per Depository Share	Liquidation Preference Per Share	Liquidation Preference Per Depository Share	Per Annum Dividend Rate	Dividend Payment Frequency	Carrying Value as of December 31, 2024 (In millions)	Redemption Date ⁽²⁾
Series G	April 2016	20,000,000	\$ 500	1/4,000th	100,000	25	5.35% ⁽³⁾	Quarterly: March, June, September and December	\$ 493	March 15, 2026
Series I	January 2024	1,500,000	1,500	1/100th	100,000	1,000	6.700% through March 14, 2029; resets March 15, 2029 and every subsequent five year anniversary at five-year U.S. Treasury rate plus 2.613%	Quarterly: March, June, September and December	1,481	March 15, 2029
Series J	July 2024	850,000	850	1/100th	100,000	1,000	6.700% through September 14, 2029; resets September 15, 2029 and every subsequent five year anniversary at the five-year U.S. Treasury rate plus 2.628%	Quarterly: March, June, September and December	842	September 15, 2029

⁽¹⁾ The preferred stock and corresponding depository shares may be redeemed at our option in whole, but not in part, prior to the redemption date upon the occurrence of a regulatory capital treatment event, as defined in the certificate of designation, at a redemption price equal to the liquidation price per share and liquidation price per depository share plus any declared and unpaid dividends, without accumulation of any undeclared dividends.

⁽²⁾ On the redemption date, or any dividend payment date thereafter, the preferred stock and corresponding depository shares may be redeemed by us, in whole or in part, at the liquidation price per share and liquidation price per depository share plus any declared and unpaid dividends, without accumulation of any undeclared dividends.

⁽³⁾ The dividend rate for the floating rate period of the Series G preferred stock that begins on March 15, 2026 and all subsequent floating rate periods will remain at the current fixed rate in accordance with the LIBOR Act and the contractual terms of the Series G preferred stock.

On January 31, 2024, we issued 1.5 million depository shares, each representing a 1/100th ownership interest in a share of fixed rate reset, non-cumulative perpetual preferred stock, Series I, without par value per share, with a liquidation preference of \$100,000 per share (equivalent to \$1,000 per depository share), in a public offering. The aggregate proceeds, net of underwriting discounts, commissions and other issuance costs, were approximately \$1.5 billion.

On March 15, 2024, we redeemed an aggregate \$1.0 billion, or all 7,500 outstanding shares, of our non-cumulative perpetual preferred stock, Series D (represented by 30,000,000 depository shares), for a cash redemption price of \$100,000 per share (equivalent to \$25 per depository share), plus all declared and unpaid dividends and all 2,500 of the outstanding shares of our noncumulative perpetual preferred stock, Series F (represented by 250,000 depository shares), for a cash redemption price of \$100,000 per share (equivalent to \$1,000 per depository share) plus all declared and unpaid dividends.

On July 24, 2024, we issued 850,000 depository shares, each representing a 1/100th ownership interest in a share of fixed rate reset, non-cumulative perpetual preferred stock, Series J, without par value per share, with a liquidation preference of \$100,000 per share (equivalent to \$1,000 per depository share), in a public offering. The aggregate proceeds, net of underwriting discounts, commissions and other issuance costs, were approximately \$842 million.

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On September 16, 2024, we redeemed an aggregate \$500 million, or all 5,000 outstanding shares, of our non-cumulative perpetual preferred stock, Series H (represented by 500,000 depository shares), for a cash redemption price of \$100,000 per share (equivalent to \$1,000 per depository share), plus all declared and unpaid dividends.

On February 6, 2025, we issued 750,000 depository shares, each representing a 1/100th ownership interest in a share of fixed rate reset, non-cumulative perpetual preferred stock, Series K, without par value per share, with a liquidation preference of \$100,000 per share (equivalent to \$1,000 per depository share), in a public offering. The aggregate proceeds, net of underwriting discounts, commissions and other issuance costs, were approximately \$743 million. Dividends on the Series K Preferred Stock will be payable quarterly at an initial rate of 6.450% per annum commencing on June 15, 2025, with the first dividend payable on a pro-rata basis. Our preferred stock dividends, including the declaration, timing and amount thereof, are subject to consideration and approval by the Board at the relevant times.

The following table presents the dividends declared for each of the series of preferred stock issued and outstanding for the periods indicated:

TABLE 45: PREFERRED STOCK DIVIDENDS

(Dollars in millions, except per share amounts)	Years Ended December 31,					
	2024			2023		
	Dividends Declared per Share	Dividends Declared per Depository Share	Total	Dividends Declared per Share	Dividends Declared per Depository Share	Total
Preferred Stock:						
Series D	\$ 1,475	\$ 0.37	\$ 11	\$ 5,900	\$ 1.48	\$ 44
Series F	2,336	23.36	6	8,935	89.35	23
Series G	5,350	1.34	27	5,350	1.34	27
Series H	6,251	62.51	31	5,625	56.25	28
Series I	5,863	58.63	88	—	—	—
Series J	2,643	26.43	22	—	—	—
Total			<u>\$ 185</u>			<u>\$ 122</u>

Common Stock

On January 19, 2024, we announced a new common share repurchase program, approved by our Board and superseding all prior programs, authorizing the purchase of up to \$5.0 billion of our common stock beginning in the first quarter of 2024 with no set expiration date (the "2024 Program"). During 2024, we repurchased \$1.3 billion of our common stock under the 2024 Program and expect common share repurchases to continue under this program during 2025.

In 2023, we repurchased \$3.8 billion of our common stock under the previously approved common share repurchase program authorizing the purchase of up to \$4.5 billion of our common stock through December 31, 2023 (the "2023 Program").

The tables below present the activity under our common share repurchase program for the period indicated:

TABLE 46: SHARES REPURCHASED

	Year Ended December 31,					
	2024			2023		
	Shares Acquired (In millions)	Average Cost per Share	Total Acquired (In millions)	Shares Acquired (In millions)	Average Cost per Share	Total Acquired (In millions)
2024 Program	15.1	\$ 85.89	\$ 1,300	—	\$ —	\$ —
2023 Program	—	—	—	49.2	77.22	3,800

The table below presents the dividends declared on common stock for the periods indicated:

TABLE 47: COMMON STOCK DIVIDENDS

	Years Ended December 31,			
	2024		2023	
	Dividends Declared per Share	Total (In millions)	Dividends Declared per Share	Total (In millions)
Common Stock	\$ 2.90	\$ 859	\$ 2.64	\$ 837

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Federal and state banking regulations place certain restrictions on dividends paid by subsidiary banks to the parent holding company. In addition, banking regulators have the authority to prohibit bank holding companies from paying dividends. For information concerning limitations on dividends from our subsidiary banks, refer to "Related Stockholder Matters" included under Item 5, Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities, and to Note 15 to the consolidated financial statements in this Form 10-K. Our common stock and preferred stock dividends, including the declaration, timing and amount thereof, are subject to consideration and approval by the Board at the relevant times.

Stock purchases under our common share repurchase program may be made using various types of transactions, including open market purchases, accelerated share repurchases or other transactions off the market, and may be made under Rule 10b5-1 trading programs. The timing and amount of any stock purchases and the type of transaction may not be ratable over the duration of the program, may vary from reporting period to reporting period and will depend on several factors, including our capital position and our financial performance, investment opportunities, market conditions, the nature and timing of implementation of revisions to the Basel III framework and the amount of common stock issued as part of employee compensation programs. The common share repurchase program does not have specific price targets and may be suspended at any time.

OFF-BALANCE SHEET ARRANGEMENTS

On behalf of clients enrolled in our securities lending program, we lend securities to banks, broker/dealers and other institutions. In most circumstances, we indemnify our clients for the fair market value of those securities against a failure of the borrower to return such securities. Though these transactions are collateralized, the substantial volume of these activities necessitates detailed credit-based underwriting and monitoring processes. The aggregate amount of indemnified securities on loan totaled \$310.81 billion and \$279.92 billion as of December 31, 2024 and 2023, respectively. We require the borrower to provide collateral in an amount in excess of 100% of the fair market value of the securities borrowed. We hold the collateral received in connection with these securities lending services as agent, and the collateral is not recorded in our consolidated statement of condition. We revalue the securities on loan and the collateral daily to determine if additional collateral is necessary or if excess collateral is required to be returned to the borrower. We held, as agent, cash and securities

totaling \$325.61 billion and \$293.86 billion as collateral for indemnified securities on loan as of December 31, 2024 and 2023, respectively.

The cash collateral held by us as agent is invested on behalf of our clients. In certain cases, the cash collateral is invested in third-party repurchase agreements, for which we indemnify the client against loss of the principal invested. We require the counterparty to the indemnified repurchase agreement to provide collateral in an amount in excess of 100% of the amount of the repurchase agreement. In our role as agent, the indemnified repurchase agreements and the related collateral held by us are not recorded in our consolidated statement of condition. Of the collateral of \$325.61 billion and \$293.86 billion, referenced above, \$63.66 billion and \$59.03 billion was invested in indemnified repurchase agreements as of December 31, 2024 and 2023, respectively. We or our agents held \$68.51 billion and \$63.11 billion as collateral for indemnified investments in repurchase agreements as of December 31, 2024 and 2023, respectively.

Additional information about our securities finance activities and other off-balance sheet arrangements is provided in Notes 10, 12 and 14 to the consolidated financial statements in this Form 10-K.

SIGNIFICANT ACCOUNTING ESTIMATES

Our consolidated financial statements are prepared in conformity with U.S. GAAP, and we apply accounting policies that affect the determination of amounts reported in the consolidated financial statements.

Certain of our accounting policies, by their nature, include significant accounting estimates and assumptions which require management to make judgments about the effects of matters that are inherently uncertain. These estimates and assumptions are based on information available as of the date of the consolidated financial statements, and changes in this information over time could materially affect the amounts of assets, liabilities, equity, revenue and expenses reported in subsequent consolidated financial statements.

Based on the sensitivity of reported financial statement amounts to the underlying estimates and assumptions, the significant accounting estimates identified by management are:

- Recurring fair value measurements;
- Allowance for credit losses;
- Impairment of goodwill and other intangible assets; and
- Contingencies.

These estimates require the most subjective or complex judgments, and could be most subject to

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revision as new information becomes available. An understanding of these estimates is essential to the understanding of our reported results of operations and financial condition.

The following is a discussion of the above-mentioned significant accounting estimates. Additional information on our significant accounting policies, including references to applicable footnotes, is provided in Note 1 to the consolidated financial statements in this Form 10-K.

Fair Value Measurements

We carry certain of our financial assets and liabilities at fair value in our consolidated financial statements on a recurring basis, including trading account assets and liabilities, AFS debt securities, certain equity securities and various types of derivative financial instruments.

Changes in the fair value of these financial assets and liabilities are recorded either as components of our consolidated statement of income or as components of other comprehensive income within shareholders' equity in our consolidated statement of condition. In addition to those financial assets and liabilities that we carry at fair value in our consolidated financial statements on a recurring basis, we estimate the fair values of other financial assets and liabilities that we carry at amortized cost in our consolidated statement of condition, and we disclose these fair value estimates in the notes to our consolidated financial statements. We estimate the fair values of these financial assets and liabilities using the definition of fair value described below.

U.S. GAAP defines fair value as the price that would be received to sell an asset or paid to transfer a liability in the principal or most advantageous market for an asset or liability in an orderly transaction between market participants on the measurement date. When we measure fair value for our financial assets and liabilities, we consider the principal or the most advantageous market in which we would transact; we also consider assumptions that market participants would use when pricing the asset or liability. When possible, we look to active and observable markets to measure the fair value of identical, or similar, financial assets and liabilities. When identical financial assets and liabilities are not traded in active markets, we look to market-observable data for similar assets and liabilities. In some instances, certain assets and liabilities are not actively traded in observable markets; as a result, we use alternate valuation techniques to measure their fair value.

We categorize the financial assets and liabilities that we carry at fair value in our consolidated statement of condition on a recurring basis based on U.S. GAAP's prescribed three-level valuation

hierarchy. The hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (level 1) and the lowest priority to valuation methods using significant unobservable inputs (level 3).

With respect to derivative instruments, we evaluate the fair value impact of the credit risk of our counterparties. We consider such factors as the market-based probability of default by our counterparties, and our current and expected potential future net exposures by remaining maturities, in determining the appropriate measurements of fair value.

Additional information with respect to the assets and liabilities carried by us at fair value on a recurring basis is provided in Note 2 to the consolidated financial statements in this Form 10-K.

Allowance for Credit Losses

We record an allowance for credit losses related to certain on-balance sheet credit exposures, including our financial assets held at amortized cost, as well as certain off-balance sheet credit exposures, including unfunded commitments and letters of credit.

Determining the appropriateness of the allowance is complex and requires judgment by management about the effect of matters that are inherently uncertain. In future periods, factors and forecasts then prevailing may result in significant changes in the allowance for credit losses in those future periods. We estimate credit losses over the contractual life of the financial asset while factoring in prepayment activity where supported by data over a three year reasonable and supportable forecast period. We utilize baseline, upside and downside scenarios that are applied based on a probability weighting, in order to better reflect management's expectation of expected credit losses given existing market conditions and the changes in the economic environment. The multiple scenarios are based on a 13-quarter horizon (or less depending on contractual maturity) with reversion period set to be 27 quarters, calculated by subtracting the 13-quarter period from an average 10-year/40-quarter business cycle. The contractual term excludes expected extensions, renewals and modifications, but includes prepayment assumptions where applicable.

Our allowance for credit losses is sensitive to a number of inputs, including macroeconomic forecast assumptions and credit rating migrations during the period. Our macroeconomic forecasts used in determining the December 31, 2024 allowance for credit losses consisted of three scenarios reflecting different assumptions in GDP and unemployment, with the baseline scenario generally in line with market consensus of economic forecasts for GDP and unemployment. We placed the most weight on

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our baseline scenario, with the remaining weighting split between the upside and downside scenarios.

Keeping all other factors constant, we estimate that if we had applied 100% weighting to the downside scenario, the allowance for credit losses as of December 31, 2024 would have been approximately \$78 million higher. This estimate is intended to reflect the sensitivity of the allowance for credit losses to changes in our scenario weights and is not intended to be indicative of future changes in the allowance for credit losses.

Additional information about our allowance for credit losses is provided in Notes 3 and 4 to the consolidated financial statements in this Form 10-K.

Goodwill and Other Intangible Assets

Goodwill represents the excess of the cost of an acquisition over the fair value of the net tangible and other intangible assets acquired at the acquisition date. Other intangible assets represent purchased long-lived intangible assets, primarily client relationships, core deposit intangible assets and technology that can be distinguished from goodwill because of contractual rights or because the asset can be exchanged on its own or in combination with a related contract, asset or liability. Other intangible assets are initially measured at their acquisition date fair value, the determination of which requires management judgment. Goodwill is not amortized, while other intangible assets are amortized over their estimated useful lives.

Management reviews goodwill for impairment annually or more frequently if circumstances arise or events occur that indicate an impairment of the carrying amount may exist. We begin our review by first assessing qualitative factors to determine whether it is more likely than not that the fair value of a reporting unit is less than its carrying amount. Events that may indicate impairment include: significant or adverse changes in the business, economic or political climate; an adverse action or assessment by a regulator; unanticipated competition; and a more-likely-than-not expectation that we will sell or otherwise dispose of a business to which the goodwill or other intangible assets relate. If we conclude from the qualitative assessment of goodwill impairment that it is more likely than not that a reporting unit's fair value is greater than its carrying amount, quantitative tests are not required. However, if we determine it is more likely than not that a reporting unit's fair value is less than its carrying amount, then we complete a quantitative assessment to determine if there is goodwill impairment. We may elect to bypass the qualitative assessment and complete a quantitative assessment in any given year.

In 2024, we assessed goodwill for impairment using a qualitative assessment. Based on our evaluation of the qualitative factors noted above, we determined it was more likely than not that the fair value of each of the reporting units exceeded its respective carrying amount. We determined there was no goodwill impairment in 2024.

Other intangible assets are supported by the future cash flows that are directly associated with and expected to arise as a direct result of the use of the intangible asset, less any costs associated with the intangible asset's eventual disposition. We evaluate other intangible assets for impairment at the lowest level for which there are identifiable cash flows that are largely independent of the cash flows from other groups of assets using the following process. First, we routinely assess whether impairment indicators are present. When impairment indicators are identified as being present, we compare the estimated future net undiscounted cash flows of the intangible asset with its carrying value. If the future net undiscounted cash flows are greater than the carrying value, then there is no impairment, but if the intangible asset's net undiscounted cash flows are less than its carrying value, we are required to calculate impairment. An impairment is recognized by writing the intangible asset down to its fair value. We evaluate intangible assets for indicators of impairment on a quarterly basis. There were no impairments taken on other intangible assets in 2024.

Additional information about goodwill and other intangible assets, including information by line of business, is provided in Note 5 to the consolidated financial statements in this Form 10-K.

Contingencies

Information on significant estimates and judgments related with establishing litigation reserves is discussed in Note 13 of the consolidated financial statements in this Form 10-K.

RECENT ACCOUNTING DEVELOPMENTS

Information with respect to recent accounting developments is provided in Note 1 to the consolidated financial statements in this Form 10-K.

**MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION
AND RESULTS OF OPERATIONS**

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

The information provided under "Market Risk Management" in "Financial Condition" in our Management's Discussion and Analysis in this Form 10-K, is incorporated by reference herein.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

Additional information about restrictions on the transfer of funds from State Street Bank to the Parent Company is provided under "Related Stockholder Matters" in Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities, and under "Capital" in "Financial Condition" in our Management's Discussion and Analysis in this Form 10-K.

Report of Independent Registered Public Accounting Firm

To the Shareholders and the Board of Directors of State Street Corporation

Opinion on the Financial Statements

We have audited the accompanying consolidated statements of condition of State Street Corporation (the Corporation) as of December 31, 2024 and 2023, the related consolidated statements of income, comprehensive income, changes in shareholders' equity and cash flows for each of the three years in the period ended December 31, 2024, and the related notes (collectively referred to as the "consolidated financial statements"). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Corporation at December 31, 2024 and 2023, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2024, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Corporation's internal control over financial reporting as of December 31, 2024, based on criteria established in Internal Control—Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework), and our report dated February 13, 2025 expressed an unqualified opinion thereon.

Basis for Opinion

These financial statements are the responsibility of the Corporation's management. Our responsibility is to express an opinion on the Corporation's financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Corporation in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the 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 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 financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matter

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

Servicing Fee Revenue

Description of the Matter

Revenue recognized by the Corporation as servicing fees was \$5.016 billion for the year ended December 31, 2024. As disclosed in Notes 24 and 25 of the financial statements, servicing fee revenue involves revenue earned from various back and middle office solutions including custody, accounting and fund administration, record keeping, client reporting and investment book of record. The Corporation's servicing fee revenue involves a significant volume of contracts and transactions and is sourced from multiple systems and processes across different business teams and geographies.

Auditing servicing fee revenue was complex and involved significant audit effort due to the nature of the Corporation's contracts, the volume of contracts, and the number of different processes used to recognize revenue.

How We Addressed the Matter in Our Audit

We identified and obtained an understanding of the processes used by the Corporation to recognize revenue transactions. We evaluated the design and tested the operating effectiveness of controls over the Corporation's processes for recognizing servicing fee revenue, including, among others, controls over the review of client contracts, the calculation and analysis of the key drivers of revenue (e.g., assets under custody), and the flow of this information from the business teams to the department accruing revenue.

Among other procedures, to test servicing fee revenue, we selected and analyzed a sample of client contracts to determine whether terms that may have an impact on revenue recognition, including performance obligations and specified fees, were identified and properly considered in the evaluation of the accounting for the contracts. In addition, we reperformed the calculation of revenue for a sample of revenue transactions. We also agreed the amounts recognized to source documents and tested the mathematical accuracy of the recorded revenue. We obtained third party confirmation of the client balance due for a sample of servicing fees receivable.

/s/ Ernst & Young LLP

We have served as the Corporation's auditor since 1972.

Boston, Massachusetts

February 13, 2025

STATE STREET CORPORATION
CONSOLIDATED STATEMENT OF INCOME

(Dollars in millions, except per share amounts)	Years Ended December 31,		
	2024	2023	2022
Fee revenue:			
Servicing fees	\$ 5,016	\$ 4,922	\$ 5,087
Management fees	2,124	1,876	1,939
Foreign exchange trading services	1,401	1,265	1,376
Securities finance	438	426	416
Software and processing fees	888	811	789
Other fee revenue	289	180	(1)
Total fee revenue	10,156	9,480	9,606
Net interest income:			
Interest income	11,977	9,180	4,088
Interest expense	9,054	6,421	1,544
Net interest income	2,923	2,759	2,544
Other income:			
Gains (losses) from sales of available-for-sale securities, net	(79)	(294)	(2)
Total other income	(79)	(294)	(2)
Total revenue	13,000	11,945	12,148
Provision for credit losses	75	46	20
Expenses:			
Compensation and employee benefits	4,697	4,744	4,428
Information systems and communications	1,829	1,703	1,630
Transaction processing services	998	957	971
Occupancy	437	426	394
Acquisition and restructuring costs	—	(15)	65
Amortization of other intangible assets	230	239	238
Other	1,339	1,529	1,075
Total expenses	9,530	9,583	8,801
Income before income tax expense	3,395	2,316	3,327
Income tax expense	708	372	553
Net income	\$ 2,687	\$ 1,944	\$ 2,774
Net income available to common shareholders	\$ 2,483	\$ 1,821	\$ 2,660
Earnings per common share:			
Basic	\$ 8.33	\$ 5.65	\$ 7.28
Diluted	8.21	5.58	7.19
Average common shares outstanding (in thousands):			
Basic	297,883	322,337	365,214
Diluted	302,226	326,568	370,109
Cash dividends declared per common share	\$ 2.90	\$ 2.64	\$ 2.40

The accompanying notes are an integral part of these consolidated financial statements.

STATE STREET CORPORATION
CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME

(In millions)	Years Ended December 31,		
	2024	2023	2022
Net income	\$ 2,687	\$ 1,944	\$ 2,774
Other comprehensive income (loss), net of related taxes:			
Foreign currency translation, net of related taxes of \$153, (\$19) and \$47, respectively	(228)	261	(441)
Net unrealized gains (losses) on investment securities, net of reclassification adjustment and net of related taxes of \$164, \$335 and (\$650), respectively	467	870	(1,767)
Net unrealized gains (losses) on cash flow hedges, net of related taxes of \$0, \$85 and (\$133), respectively	(1)	228	(357)
Net unrealized gains (losses) on retirement plans, net of related taxes of \$6, \$0 and (\$1), respectively	16	(2)	(13)
Other comprehensive income (loss)	254	1,357	(2,578)
Total comprehensive income	\$ 2,941	\$ 3,301	\$ 196

The accompanying notes are an integral part of these consolidated financial statements.

STATE STREET CORPORATION
CONSOLIDATED STATEMENT OF CONDITION

	December 31, 2024	December 31, 2023
(Dollars in millions, except per share amounts)		
Assets:		
Cash and due from banks	\$ 3,145	\$ 4,047
Interest-bearing deposits with banks	112,957	87,665
Securities purchased under resale agreements	6,679	6,692
Trading account assets	768	773
Investment securities available-for-sale (less allowance for credit losses of \$0 and \$0)	58,895	44,526
Investment securities held-to-maturity (less allowance for credit losses of \$0 and \$1) (fair value of \$41,906 and \$51,503)	47,727	57,117
Loans (less allowance for credit losses on loans of \$174 and \$135)	43,026	36,496
Premises and equipment (net of accumulated depreciation of \$6,461 and \$6,062)	2,715	2,399
Accrued interest and fees receivable	4,034	3,806
Goodwill	7,691	7,611
Other intangible assets	1,089	1,320
Other assets	64,514	44,806
Total assets	\$ 353,240	\$ 297,258
Liabilities:		
Deposits:		
Non-interest-bearing	\$ 33,180	\$ 32,569
Interest-bearing - U.S.	166,483	121,738
Interest-bearing - non-U.S.	62,257	66,663
Total deposits	261,920	220,970
Securities sold under repurchase agreements	3,681	1,867
Other short-term borrowings	9,840	3,660
Accrued expenses and other liabilities	29,201	28,123
Long-term debt	23,272	18,839
Total liabilities	327,914	273,459
Commitments, guarantees and contingencies (Notes 12 and 13)		
Shareholders' equity:		
Preferred stock, no par, 3,500,000 shares authorized:		
Series D, 7,500 shares issued and outstanding	—	742
Series F, 2,500 shares issued and outstanding	—	247
Series G, 5,000 shares issued and outstanding	493	493
Series H, 5,000 shares issued and outstanding	—	494
Series I, 15,000 shares issued and outstanding	1,481	—
Series J, 8,500 shares issued and outstanding	842	—
Common stock, \$1 par, 750,000,000 shares authorized:		
503,879,642 and 503,879,642 shares issued, and 288,766,452 and 301,944,043 shares outstanding	504	504
Surplus	10,722	10,741
Retained earnings	29,582	27,957
Accumulated other comprehensive income (loss)	(2,100)	(2,354)
Treasury stock, at cost (215,113,190 and 201,935,599 shares)	(16,198)	(15,025)
Total shareholders' equity	25,326	23,799
Total liabilities and shareholders' equity	\$ 353,240	\$ 297,258

The accompanying notes are an integral part of these consolidated financial statements.

STATE STREET CORPORATION
CONSOLIDATED STATEMENT OF CHANGES IN SHAREHOLDERS' EQUITY

(Dollars in millions, except per share amounts, shares in thousands)	Common Stock				Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Treasury Stock		
	Preferred Stock	Shares	Amount	Surplus			Shares	Amount	Total
Balance at December 31, 2021	\$ 1,976	503,880	\$ 504	\$ 10,787	\$ 25,238	\$ (1,133)	137,897	\$ (10,009)	\$ 27,363
Net income					2,774				2,774
Other comprehensive (loss)						(2,578)			(2,578)
Cash dividends declared:									
Common stock - \$2.40 per share					(871)				(871)
Preferred stock					(112)				(112)
Common stock acquired							19,524	(1,500)	(1,500)
Common stock awards exercised				(43)			(2,565)	172	129
Other				(14)	(1)		(1)	1	(14)
Balance at December 31, 2022	<u>\$ 1,976</u>	<u>503,880</u>	<u>\$ 504</u>	<u>\$ 10,730</u>	<u>\$ 27,028</u>	<u>\$ (3,711)</u>	<u>154,855</u>	<u>\$ (11,336)</u>	<u>\$ 25,191</u>
Net income					1,944				1,944
Other comprehensive income						1,357			1,357
Cash dividends declared:									
Common stock - \$2.64 per share					(837)				(837)
Preferred stock					(122)				(122)
Common stock acquired							49,212	(3,837)	(3,837)
Common stock awards exercised				11			(2,133)	148	159
Other					(56)		2	—	(56)
Balance at December 31, 2023	<u>\$ 1,976</u>	<u>503,880</u>	<u>\$ 504</u>	<u>\$ 10,741</u>	<u>\$ 27,957</u>	<u>\$ (2,354)</u>	<u>201,936</u>	<u>\$ (15,025)</u>	<u>\$ 23,799</u>
Net income					2,687				2,687
Other comprehensive income						254			254
Preferred stock issued	2,323								2,323
Preferred stock redeemed	(1,483)				(17)				(1,500)
Cash dividends declared:									
Common stock - \$2.90 per share					(859)				(859)
Preferred stock					(185)				(185)
Common stock acquired							15,135	(1,312)	(1,312)
Common stock awards exercised				(21)			(1,950)	139	118
Other				2	(1)		(8)	—	1
Balance at December 31, 2024	<u>\$ 2,816</u>	<u>503,880</u>	<u>\$ 504</u>	<u>\$ 10,722</u>	<u>\$ 29,582</u>	<u>\$ (2,100)</u>	<u>215,113</u>	<u>\$ (16,198)</u>	<u>\$ 25,326</u>

The accompanying notes are an integral part of these consolidated financial statements.

STATE STREET CORPORATION
CONSOLIDATED STATEMENT OF CASH FLOWS

(In millions)	Years Ended December 31,		
	2024	2023	2022
Operating Activities:			
Net income	\$ 2,687	\$ 1,944	\$ 2,774
Adjustments to reconcile net income to net cash provided by operating activities:			
Deferred income tax (benefit)	145	(184)	(62)
Amortization of other intangible assets	230	239	238
Other non-cash adjustments for depreciation, amortization and accretion, net	375	643	918
Losses related to investment securities, net	79	294	2
Provision for credit losses	75	46	20
Change in trading account assets, net	5	(123)	108
Change in accrued interest and fees receivable, net	(224)	(359)	(156)
Change in collateral deposits, net	(12,109)	(2,246)	7,821
Change in unrealized (gains) losses on foreign exchange derivatives, net	(7,191)	2,146	(1,125)
Change in other assets, net	1,672	(1,839)	421
Change in accrued expenses and other liabilities, net	743	(128)	557
Other, net	303	257	438
Net cash (used in) provided by operating activities	(13,210)	690	11,954
Investing Activities:			
Net (increase) decrease in interest-bearing deposits with banks	(25,292)	13,928	4,765
Net decrease (increase) in securities purchased under resale agreements	13	(1,477)	(2,203)
Proceeds from sales of available-for-sale securities	10,973	4,917	4,590
Proceeds from maturities of available-for-sale securities	18,517	15,703	17,254
Purchases of available-for-sale securities	(44,301)	(23,089)	(18,029)
Proceeds from maturities of held-to-maturity securities	9,330	9,474	9,817
Purchases of held-to-maturity securities	(5)	(1,582)	(8,564)
Sale of loans	246	506	1,786
Net increase in loans	(7,369)	(4,746)	(1,667)
Business acquisitions, net of cash acquired	(194)	(61)	—
Purchases of equity investments and other long-term assets	(143)	(136)	(250)
Purchases of premises and equipment, net	(926)	(816)	(734)
Other, net	(332)	117	51
Net cash (used in) provided by investing activities	(39,483)	12,738	6,816
Financing Activities:			
Net (decrease) increase in time deposits	(19)	2,820	1,673
Net increase (decrease) in all other deposits	40,971	(17,311)	(21,244)
Net increase (decrease) in securities sold under repurchase agreements	1,814	690	(398)
Net increase in other short-term borrowings	6,180	1,563	1,969
Proceeds from issuance of long-term debt, net of issuance costs	6,523	6,221	3,731
Payments for long-term debt and obligations under finance leases	(2,046)	(2,545)	(1,567)
Payments for redemption of preferred stock	(1,500)	—	—
Proceeds from issuance of preferred stock, net of issuance costs	2,323	—	—
Repurchases of common stock	(1,319)	(3,781)	(1,500)
Repurchases of common stock for employee tax withholding	(83)	(95)	(123)
Payments for cash dividends	(1,033)	(970)	(972)
Other, net	(20)	57	—
Net cash provided by (used in) financing activities	51,791	(13,351)	(18,431)
Net (decrease) increase	(902)	77	339
Cash and due from banks at beginning of period	4,047	3,970	3,631
Cash and due from banks at end of period	\$ 3,145	\$ 4,047	\$ 3,970
Supplemental disclosure:			
Interest paid	\$ 8,951	\$ 6,184	\$ 1,354
Income taxes paid, net	451	423	436

The accompanying notes are an integral part of these consolidated financial statements.

STATE STREET CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 1. Summary of Significant Accounting Policies

Basis of Presentation

The accounting and financial reporting policies of State Street Corporation conform to U.S. GAAP. State Street Corporation, the Parent Company, is a financial holding company headquartered in Boston, Massachusetts. Unless otherwise indicated or unless the context requires otherwise, all references in these notes to consolidated financial statements to “State Street,” “we,” “us,” “our” or similar references mean State Street Corporation and its subsidiaries on a consolidated basis, including our principal banking subsidiary, State Street Bank.

We have two lines of business:

Investment Servicing provides a broad range of services and market and financing solutions to institutional clients, including mutual funds, collective investment funds and other investment pools, corporate and public retirement plans, insurance companies, investment managers, foundations and endowments worldwide.

Through State Street Investment Services, State Street Global Markets[®] and State Street Alpha[®], we offer a full range of back- and middle-office solutions, including custody, accounting and fund administration services for traditional and alternative assets, as well as multi-asset class investments; recordkeeping, client reporting and investment book of record, transaction management, loans, cash, derivatives and collateral services; investor services operations outsourcing; performance, risk and compliance analytics; financial data management to support institutional investors; foreign exchange, brokerage and other trading services; securities finance, including prime services products; and deposit and short-term investment facilities.

Together with our middle- and back-office services, CRD’s front- and middle-office technology offerings form the foundation of State Street Alpha[®]. Our State Street Alpha platform combines portfolio management, trading and execution, analytics and compliance tools, and advanced data aggregation and integration with other industry platforms and providers. Included in CRD’s technology offerings are Charles River Investment Management Solution, a front-office technology offering that automates and simplifies the institutional investment process across asset classes, from portfolio management and risk analytics through trading and post-trade settlement, with integrated compliance and managed data throughout; Charles River for Private Markets, an investment management solution for institutions investing in Private Credit, Private Equity, Real Estate, Infrastructure, and Funds; and Charles River Wealth Management Solution, which provides

portfolio management, trading compliance and manager/sponsor communication capabilities to wealth managers, private banks and financial advisors.

As the digital asset space continues to mature, we are building solutions to service, tokenize and safekeep digital assets. Our vision is to enable core digital asset infrastructure as a trusted provider of end-to-end solutions on a secure, interoperable blockchain.

Investment Management provides a comprehensive range of investment management solutions and products for our clients through State Street Global Advisors. Our investment management solutions include strategies across equity, fixed income, cash, multi-asset and alternatives; products such as SPDR[®] ETFs and index funds; and services including defined benefit, defined contribution, and Outsourced Chief Investment Officer.

Consolidation

Our consolidated financial statements include the accounts of the Parent Company and its majority- and wholly-owned and otherwise controlled subsidiaries, including State Street Bank. All material inter-company transactions and balances have been eliminated. Certain previously reported amounts have been reclassified to conform to current-year presentation.

We consolidate subsidiaries in which we exercise control. Investments in unconsolidated subsidiaries, recorded in other assets, generally are accounted for under the equity method of accounting if we have the ability to exercise significant influence over the operations of the investee. For investments accounted for under the equity method, our share of income or loss is recorded in other fee revenue in our consolidated statement of income. Investments not meeting the criteria for equity-method treatment are measured at fair value through earnings, except for investments where a fair market value is not readily available, which are accounted for under the cost method of accounting.

Use of Estimates

The preparation of consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions in the application of certain of our significant accounting policies that may materially affect the reported amounts of assets, liabilities, equity, revenue and expenses. As a result of unanticipated events or circumstances, actual results could differ from those estimates.

Foreign Currency Translation

The assets and liabilities of our operations with functional currencies other than the U.S. dollar are

STATE STREET CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

translated at month-end exchange rates, and revenue and expenses are translated at rates that approximate average monthly exchange rates. Gains or losses from the translation of the net assets of subsidiaries with functional currencies other than the U.S. dollar, net of related taxes, are recorded in AOCI, a component of shareholders' equity.

Cash and Cash Equivalents

For purposes of the consolidated statement of cash flows, cash and cash equivalents are defined as cash and due from banks.

Sanctions programs or government intervention may inhibit our ability to access cash and due from banks in certain accounts. For example, as of December 31, 2024 and 2023, we held such accounts in Russia that were subject to sanctions restrictions, inclusive of \$0.8 billion and \$1.5 billion, respectively, with our subcustodian, which is an affiliate of a large multinational bank, and with western European-based clearing agencies, for a total of approximately \$1.3 billion and \$1.9 billion, respectively. The reduction in balances with our subcustodian in Russia was a result of various actions taken related to our contractual arrangements that resulted in the derecognition of certain cash balances and related client liabilities. Cash and due from banks is evaluated as part of our allowance for credit losses.

Interest-Bearing Deposits with Banks

Interest-bearing deposits with banks generally consist of highly liquid, short-term investments maintained at the Federal Reserve Bank and other non-U.S. central banks with original maturities at the time of purchase of one month or less.

Securities Purchased Under Resale Agreements and Securities Sold Under Repurchase Agreements

Securities purchased under resale agreements and sold under repurchase agreements are accounted for as collateralized financing transactions, and are recorded in our consolidated statement of condition at the amounts at which the securities will be subsequently resold or repurchased, plus accrued interest. Our policy is to take possession or control of securities underlying resale agreements either directly or through agent banks, allowing borrowers the right of collateral substitution and/or short-notice termination. We revalue these securities daily to determine if additional collateral is necessary from the borrower to protect us against credit exposure. We

can use these securities as collateral for repurchase agreements.

For securities sold under repurchase agreements collateralized by our investment securities portfolio, the dollar value of the securities remains in investment securities in our consolidated statement of condition. Where a master netting agreement exists or when both parties are members of a common clearing organization, resale and repurchase agreements are recorded on a net basis when specific netting criteria are met.

Fee and Net Interest Income

The majority of fees from investment servicing, investment management, securities finance, trading services and certain types of software and processing fees are recorded in our consolidated statement of income based on the consideration specified in contracts with our customers, and excludes taxes collected from customers subsequently remitted to governmental authorities. We recognize revenue as the services are performed or at a point in time depending on the nature of the services provided. Payments made to third party service providers are generally recognized on a gross basis when we control those services and are deemed to be the principal. Additional information about revenue from contracts with customers is provided in Note 25.

Interest income on interest-earning assets and interest expense on interest-bearing liabilities are recorded in our consolidated statement of income as components of NII, and are generally based on the effective yield of the related financial asset or liability.

Other Significant Policies

The following table identifies our other significant accounting policies and the note and page where a detailed description of each policy can be found:

Fair Value	Note	2	Page	130
Investment Securities	Note	3	Page	136
Loans and Allowance for Credit Losses	Note	4	Page	141
Goodwill and Other Intangible Assets	Note	5	Page	146
Derivative Financial Instruments	Note	10	Page	150
Offsetting Arrangements	Note	11	Page	154
Contingencies	Note	13	Page	158
Variable Interest Entities	Note	14	Page	159
Equity-Based Compensation	Note	18	Page	165
Income Taxes	Note	22	Page	169
Earnings Per Common Share	Note	23	Page	170
Revenue from Contracts with Customers	Note	25	Page	173

STATE STREET CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Recent Accounting Developments

Relevant standards that were adopted during the year ended December 31, 2024:

We adopted ASU 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, effective December 31, 2024. The standard expands the reportable segment disclosure requirements, primarily through enhanced disclosures about significant segment expenses. This includes disclosure of segment expenses that are regularly provided to the CODM and other segment items that are included within each reported measure of segment profit or loss. The standard requires disclosure of the CODM's title and position and how the CODM uses the reported measure of segment profit or loss in assessing segment performance and allocating resources. Refer to Note 24 for additional information.

Relevant standards that were recently issued, but not yet adopted as of December 31, 2024

Standard	Description	Effective Date	Effects on the financial statements or other significant matters
ASU 2024-03, Income Statement (Subtopic 220-40): Reporting Comprehensive Income - Expense Disaggregation Disclosures	The amendments require disclosure of information about certain costs and expenses in both interim and annual reporting periods. Specified information includes expense amounts relating to purchases of inventory, employee compensation, depreciation, intangible asset amortization, and selling expenses with the definition thereof.	Annual reporting for period ending December 31, 2027 and for interim reporting in 2028	We are currently evaluating the disclosure impact of the new standard.
ASU 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures	The amendments related to the rate reconciliation and income taxes paid disclosures and require disclosures of (1) consistent categories and greater disaggregation of information in the rate reconciliation and (2) income taxes paid disaggregated by jurisdiction. Additional amendments require (1) disclosures of pretax income (or loss) and income tax expense (or benefit) to be consistent with U.S. Securities and Exchange Commission regulations, and (2) remove disclosures that no longer are considered cost beneficial or relevant.	Annual reporting for period ending December 31, 2025	We are currently evaluating the disclosure impact of the new standard.

Additionally, we continue to evaluate other accounting standards that were recently issued, but not yet adopted as of December 31, 2024; none are expected to have a material impact to our financial statements.

Note 2. Fair Value

Fair Value Measurements

We carry trading account assets and liabilities, AFS debt securities, certain equity securities and various types of derivative financial instruments, at fair value in our consolidated statement of condition on a recurring basis. Changes in the fair values of these financial assets and liabilities are recorded either as components of our consolidated statement of income or as components of AOCI within shareholders' equity in our consolidated statement of condition.

We measure fair value for the above-described financial assets and liabilities in conformity with U.S. GAAP that governs the measurement of the fair value of financial instruments. Management believes that its valuation techniques and underlying assumptions used to measure fair value conform to the provisions of U.S. GAAP. We categorize the financial assets and liabilities that we carry at fair value based on a prescribed three-level valuation hierarchy. The hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (level 1) and the lowest priority to valuation methods using significant unobservable inputs (level 3). If the inputs used to measure a financial asset or liability cross different levels of the hierarchy, categorization is based on the lowest-level input that is significant to the fair-value measurement. Management's assessment of the significance of a particular input to the overall fair-value measurement of a financial asset or liability requires judgment, and considers factors specific to that asset or liability. The three levels of the valuation hierarchy are described below.

Level 1. Financial assets and liabilities with values based on unadjusted quoted prices for identical assets or liabilities in an active market. Our level 1 financial assets and liabilities primarily include positions in U.S. government securities and highly liquid U.S. and non-U.S. government fixed-income securities. Our level 1 financial assets also include actively traded exchange-traded equity securities.

Level 2. Financial assets and liabilities with values based on quoted prices for similar assets and liabilities in active markets, and inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the asset or liability. Level 2 inputs include the following:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in non-active markets;
- Pricing models whose inputs are observable for substantially the full term of the asset or liability; and

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- Pricing models whose inputs are derived principally from, or corroborated by, observable market information through correlation or other means for substantially the full term of the asset or liability.

Our level 2 financial assets and liabilities primarily include non-U.S. debt securities carried in trading account assets and various types of fixed-income AFS investment securities, as well as various types of foreign exchange and interest rate derivative instruments.

Fair value for our AFS investment securities categorized in level 2 is measured primarily using information obtained from independent third parties. This third-party information is subject to review by management as part of a validation process, which includes obtaining an understanding of the underlying assumptions and the level of market participant information used to support those assumptions. In addition, management compares significant assumptions used by third parties to available market information. Such information may include known trades or, to the extent that trading activity is limited, comparisons to market research information pertaining to credit expectations, execution prices and the timing of cash flows and, where information is available, back-testing.

Derivative instruments categorized in level 2 predominantly represent foreign exchange contracts used in our trading activities, for which fair value is measured using discounted cash-flow techniques, with inputs consisting of observable spot and forward points, as well as observable interest rate curves. With respect to derivative instruments, we evaluate the impact on valuation of the credit risk of our counterparties. We consider factors such as the likelihood of default by our counterparties, our current and potential future net exposures and remaining maturities in determining the fair value. Valuation adjustments associated with derivative instruments were not material to those instruments for the years ended December 31, 2024 and 2023.

Level 3. Financial assets and liabilities with values based on prices or valuation techniques that require inputs that are both unobservable in the market and significant to the overall measurement of fair value. These inputs reflect management's judgment about the assumptions that a market participant would use in pricing the financial asset or liability, and are based on the best available information, some of which may be internally developed. The following provides a more detailed discussion of our financial assets and liabilities that we may categorize in level 3 and the related valuation methodology:

- The fair value of certain foreign exchange contracts, primarily options, is measured using an option-pricing model. Because of a limited number of observable transactions, certain model inputs are not observable, such as implied volatility surface, but are derived from observable market information.

Our level 3 financial assets and liabilities are similar in structure and profile to our level 1 and level 2 financial instruments, but they trade in less liquid markets, and the measurement of their fair value is therefore less observable.

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The following tables present information with respect to our financial assets and liabilities carried at fair value in our consolidated statement of condition on a recurring basis as of the dates indicated:

(In millions)	Fair Value Measurements on a Recurring Basis				
	As of December 31, 2024				
	Quoted Market Prices in Active Markets (Level 1)	Pricing Methods with Significant Observable Market Inputs (Level 2)	Pricing Methods with Significant Unobservable Market Inputs (Level 3)	Impact of Netting ⁽¹⁾	Total Net Carrying Value in Consolidated Statement of Condition
Assets:					
Trading account assets:					
U.S. government securities	\$ 34	\$ —	\$ —		\$ 34
Non-U.S. government securities	—	121	—		121
Other	—	613	—		613
Total trading account assets	34	734	—		768
Available-for-sale investment securities:					
U.S. Treasury and federal agencies:					
Direct obligations	23,525	—	—		23,525
Mortgage-backed securities	—	10,566	—		10,566
Total U.S. Treasury and federal agencies	23,525	10,566	—		34,091
Non-U.S. debt securities:					
Mortgage-backed securities	—	2,430	—		2,430
Asset-backed securities	—	1,868	—		1,868
Non-U.S. sovereign, supranational and non-U.S. agency	—	13,939	—		13,939
Other	—	2,821	—		2,821
Total non-U.S. debt securities	—	21,058	—		21,058
Asset-backed securities:					
Student loans	—	90	—		90
Collateralized loan obligations	—	3,453	—		3,453
Non-agency CMBS and RMBS ⁽²⁾	—	4	—		4
Other	—	91	—		91
Total asset-backed securities	—	3,638	—		3,638
State and political subdivisions	—	56	—		56
Other U.S. debt securities	—	52	—		52
Total available-for-sale investment securities	23,525	35,370	—		58,895
Other assets:					
Derivative instruments:					
Foreign exchange contracts	16	29,422	1	\$ (18,262)	11,177
Interest rate contracts	5	23	—	(23)	5
Other derivative contracts	1	—	—	—	1
Total derivative instruments	22	29,445	1	(18,285)	11,183
Other	20	747	—	—	767
Total assets carried at fair value	\$ 23,601	\$ 66,296	\$ 1	\$ (18,285)	\$ 71,613
Liabilities:					
Accrued expenses and other liabilities:					
Derivative instruments:					
Foreign exchange contracts	\$ —	\$ 28,904	\$ —	\$ (22,527)	\$ 6,377
Interest rate contracts	—	1	—	(1)	—
Other derivative contracts	—	219	—	—	219
Total derivative instruments	—	29,124	—	(22,528)	6,596
Total liabilities carried at fair value	\$ —	\$ 29,124	\$ —	\$ (22,528)	\$ 6,596

⁽¹⁾ Represents counterparty netting against level 2 financial assets and liabilities where a legally enforceable master netting agreement exists between us and the counterparty. Netting also reflects asset and liability reductions of \$1.86 billion and \$6.10 billion, respectively, for cash collateral received from and provided to derivative counterparties.

⁽²⁾ Consists entirely of non-agency CMBS.

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Fair Value Measurements on a Recurring Basis

As of December 31, 2023

(In millions)	Quoted Market Prices in Active Markets (Level 1)	Pricing Methods with Significant Observable Market Inputs (Level 2)	Pricing Methods with Significant Unobservable Market Inputs (Level 3)	Impact of Netting ⁽¹⁾	Total Net Carrying Value in Consolidated Statement of Condition
Assets:					
Trading account assets:					
U.S. government securities	\$ 36	\$ —	\$ —		\$ 36
Non-U.S. government securities	—	138	—		138
Other	—	599	—		599
Total trading account assets	<u>36</u>	<u>737</u>	<u>—</u>		<u>773</u>
Available-for-sale investment securities:					
U.S. Treasury and federal agencies:					
Direct obligations	8,301	—	—		8,301
Mortgage-backed securities	—	10,755	—		10,755
Total U.S. Treasury and federal agencies	<u>8,301</u>	<u>10,755</u>	<u>—</u>		<u>19,056</u>
Non-U.S. debt securities:					
Mortgage-backed securities	—	1,857	—		1,857
Asset-backed securities	—	2,137	—		2,137
Non-U.S. sovereign, supranational and non-U.S. agency	—	15,100	—		15,100
Other	—	2,735	—		2,735
Total non-U.S. debt securities	<u>—</u>	<u>21,829</u>	<u>—</u>		<u>21,829</u>
Asset-backed securities:					
Student loans	—	114	—		114
Collateralized loan obligations	—	2,527	—		2,527
Non-agency CMBS and RMBS ⁽²⁾	—	249	—		249
Other	—	90	—		90
Total asset-backed securities	<u>—</u>	<u>2,980</u>	<u>—</u>		<u>2,980</u>
State and political subdivisions	—	355	—		355
Other U.S. debt securities	—	306	—		306
Total available-for-sale investment securities	<u>8,301</u>	<u>36,225</u>	<u>—</u>		<u>44,526</u>
Other assets:					
Derivative instruments:					
Foreign exchange contracts	—	19,690	4	\$ (14,387)	5,307
Interest rate contracts	—	13	—	(13)	—
Total derivative instruments	<u>—</u>	<u>19,703</u>	<u>4</u>	<u>(14,400)</u>	<u>5,307</u>
Other	11	640	—	—	651
Total assets carried at fair value	<u>\$ 8,348</u>	<u>\$ 57,305</u>	<u>\$ 4</u>	<u>\$ (14,400)</u>	<u>\$ 51,257</u>
Liabilities:					
Accrued expenses and other liabilities:					
Trading account liabilities:					
Derivative instruments:					
Foreign exchange contracts	\$ 1	\$ 19,414	\$ 1	\$ (11,909)	\$ 7,507
Interest rate contracts	4	—	—	—	4
Other derivative contracts	—	182	—	—	182
Total derivative instruments	<u>5</u>	<u>19,596</u>	<u>1</u>	<u>(11,909)</u>	<u>7,693</u>
Total liabilities carried at fair value	<u>\$ 5</u>	<u>\$ 19,596</u>	<u>\$ 1</u>	<u>\$ (11,909)</u>	<u>\$ 7,693</u>

⁽¹⁾ Represents counterparty netting against level 2 financial assets and liabilities where a legally enforceable master netting agreement exists between us and the counterparty. Netting also reflects asset and liability reductions of \$3.90 billion and \$1.41 billion, respectively, for cash collateral received from and provided to derivative counterparties.

⁽²⁾ Consists entirely of non-agency CMBS.

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Financial Instruments Not Carried at Fair Value

Estimates of fair value for financial instruments not carried at fair value in our consolidated statement of condition are generally subjective in nature, and are determined as of a specific point in time based on the characteristics of the financial instruments and relevant market information. Disclosure of fair value estimates is not required by U.S. GAAP for certain items, such as lease financing, equity-method investments, obligations for pension and other post-retirement plans, premises and equipment, other intangible assets and income-tax assets and liabilities. Accordingly, aggregate fair-value estimates presented do not purport to represent, and should not be considered representative of, our underlying “market” or franchise value. In addition, because of potential differences in methodologies and assumptions used to estimate fair values, our estimates of fair value should not be compared to those of other financial institutions.

We use the following methods to estimate the fair values of our financial instruments:

- For financial instruments that have quoted market prices, those quoted prices are used to estimate fair value;
- For financial instruments that have no defined maturity, have a remaining maturity of 180 days or less, or reprice frequently to a market rate, we assume that the fair value of these instruments approximates their reported value, after taking into consideration any applicable credit risk; and
- For financial instruments for which no quoted market prices are available, fair value is estimated using information obtained from independent third parties, or by discounting the expected cash flows using an estimated current market interest rate for the financial instrument.

The generally short duration of certain of our assets and liabilities results in a significant number of financial instruments for which fair value equals or closely approximates the amount recorded in our consolidated statement of condition. These financial instruments are reported in the following captions in our consolidated statement of condition: cash and due from banks; interest-bearing deposits with banks; securities purchased under resale agreements; accrued interest and fees receivable; deposits; securities sold under repurchase agreements; federal funds purchased; and other short-term borrowings.

In addition, due to the relatively short duration of certain of our loans, we consider fair value for these loans to approximate their reported value. The fair value of other types of loans, such as leveraged loans, commercial real estate loans, purchased receivables and municipal loans is estimated using information obtained from independent third parties or by discounting expected future cash flows using current rates at which similar loans would be made to borrowers with similar credit ratings for the same remaining maturities. Commitments to lend have no reported value because their terms are at prevailing market rates.

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The following tables present the reported amounts and estimated fair values of the financial assets and liabilities not carried at fair value, as they would be categorized within the fair value hierarchy, as of the dates indicated:

(In millions)	Fair Value Hierarchy				
	Reported Amount	Estimated Fair Value	Quoted Market Prices in Active Markets (Level 1)	Pricing Methods with Significant Observable Market Inputs (Level 2)	Pricing Methods with Significant Unobservable Market Inputs (Level 3)
December 31, 2024					
Financial Assets:					
Cash and due from banks	\$ 3,145	\$ 3,145	\$ 3,145	\$ —	\$ —
Interest-bearing deposits with banks	112,957	112,957	—	112,957	—
Securities purchased under resale agreements	6,679	6,679	—	6,679	—
Investment securities held-to-maturity	47,727	41,906	5,354	36,552	—
Net loans ⁽¹⁾	43,026	42,839	—	41,097	1,742
Other ⁽²⁾	6,752	6,752	—	6,752	—
Financial Liabilities:					
Deposits:					
Non-interest-bearing	\$ 33,180	\$ 33,180	\$ —	\$ 33,180	\$ —
Interest-bearing - U.S.	166,483	166,483	—	166,483	—
Interest-bearing - non-U.S.	62,257	62,257	—	62,257	—
Securities sold under repurchase agreements	3,681	3,681	—	3,681	—
Other short-term borrowings	9,840	9,840	—	9,840	—
Long-term debt	23,272	23,078	—	22,882	196
Other ⁽²⁾	6,752	6,752	—	6,752	—

⁽¹⁾ Includes \$14 million of loans classified as held-for-sale that were measured at fair value in level 2 as of December 31, 2024.

⁽²⁾ Represents a portion of underlying client assets related to our prime services business, which clients have allowed us to transfer and re-pledge.

(In millions)	Fair Value Hierarchy				
	Reported Amount	Estimated Fair Value	Quoted Market Prices in Active Markets (Level 1)	Pricing Methods with Significant Observable Market Inputs (Level 2)	Pricing Methods with Significant Unobservable Market Inputs (Level 3)
December 31, 2023					
Financial Assets:					
Cash and due from banks	\$ 4,047	\$ 4,047	\$ 4,047	\$ —	\$ —
Interest-bearing deposits with banks	87,665	87,665	—	87,665	—
Securities purchased under resale agreements	6,692	6,692	—	6,692	—
Investment securities held-to-maturity	57,117	51,503	8,409	43,094	—
Net loans	36,496	36,335	—	34,308	2,027
Other ⁽¹⁾	6,866	6,866	—	6,866	—
Financial Liabilities:					
Deposits:					
Non-interest-bearing	\$ 32,569	\$ 32,569	\$ —	\$ 32,569	\$ —
Interest-bearing - U.S.	121,738	121,738	—	121,738	—
Interest-bearing - non-U.S.	66,663	66,663	—	66,663	—
Securities sold under repurchase agreements	1,867	1,867	—	1,867	—
Other short-term borrowings	3,660	3,660	—	3,660	—
Long-term debt	18,839	18,417	—	18,216	201
Other ⁽¹⁾	6,866	6,866	—	6,866	—

⁽¹⁾ Represents a portion of underlying client assets related to our prime services business, which clients have allowed us to transfer and re-pledge.

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Note 3. Investment Securities

Investment securities held by us are classified as either trading account assets, AFS, HTM or equity securities held at fair value at the time of purchase and reassessed periodically, based on management's intent.

Generally, trading assets are debt and equity securities purchased in connection with our trading activities and, as such, are expected to be sold in the near term. Our trading activities typically involve active and frequent buying and selling with the objective of generating profits on short-term movements. AFS investment securities are those securities that we intend to hold for an indefinite period of time. AFS investment securities include securities utilized as part of our asset and liability management activities that may be sold in response to changes in interest rates, prepayment risk, liquidity needs or other factors. HTM securities are debt securities that management has the intent and the ability to hold to maturity.

Trading assets are carried at fair value. Both realized and unrealized gains and losses on trading assets are recorded in other fee revenue in our consolidated statement of income. AFS securities are carried at fair value, with any allowance for credit losses recorded through the consolidated statement of income and after-tax net unrealized gains and losses are recorded in AOCI. Gains or losses realized on sales of AFS investment securities are computed using the specific identification method and are recorded in gains (losses) from sales of available-for-sale securities, net, in our consolidated statement of income. HTM investment securities are carried at cost, adjusted for amortization of premiums and accretion of discounts, with any allowance for credit losses recorded through the consolidated statement of income.

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The following table presents the amortized cost, fair value and associated unrealized gains and losses of AFS and HTM investment securities as of the dates indicated:

(In millions)	December 31, 2024				December 31, 2023			
	Amortized Cost	Gross Unrealized		Fair Value	Amortized Cost	Gross Unrealized		Fair Value
		Gains	Losses			Gains	Losses	
Available-for-sale:								
U.S. Treasury and federal agencies:								
Direct obligations	\$ 23,539	\$ 38	\$ 52	\$ 23,525	\$ 8,427	\$ 39	\$ 165	\$ 8,301
Mortgage-backed securities ⁽¹⁾	10,699	21	154	10,566	10,870	49	164	10,755
Total U.S. Treasury and federal agencies	34,238	59	206	34,091	19,297	88	329	19,056
Non-U.S. debt securities:								
Mortgage-backed securities	2,426	5	1	2,430	1,861	3	7	1,857
Asset-backed securities ⁽²⁾	1,865	5	2	1,868	2,148	2	13	2,137
Non-U.S. sovereign, supranational and non-U.S. agency	13,954	54	69	13,939	15,159	73	132	15,100
Other ⁽³⁾	2,787	38	4	2,821	2,733	39	37	2,735
Total non-U.S. debt securities	21,032	102	76	21,058	21,901	117	189	21,829
Asset-backed securities:								
Student loans ⁽⁴⁾	89	1	—	90	113	1	—	114
Collateralized loan obligations ⁽⁵⁾	3,447	6	—	3,453	90	—	—	90
Non-agency CMBS and RMBS ⁽⁶⁾	1	3	—	4	252	—	3	249
Other	90	1	—	91	2,530	3	6	2,527
Total asset-backed securities	3,627	11	—	3,638	2,985	4	9	2,980
State and political subdivisions	56	—	—	56	356	—	1	355
Other U.S. debt securities ⁽⁷⁾	53	—	1	52	314	—	8	306
Total available-for-sale securities ⁽⁸⁾⁽⁹⁾	\$ 59,006	\$ 172	\$ 283	\$ 58,895	\$ 44,853	\$ 209	\$ 536	\$ 44,526
Held-to-maturity:								
U.S. Treasury and federal agencies:								
Direct obligations	\$ 5,417	\$ —	\$ 55	\$ 5,362	\$ 8,584	\$ —	\$ 163	\$ 8,421
Mortgage-backed securities ⁽¹⁰⁾	36,101	2	5,677	30,426	39,472	7	5,271	34,208
Total U.S. Treasury and federal agencies	41,518	2	5,732	35,788	48,056	7	5,434	42,629
Non-U.S. debt securities:								
Non-U.S. sovereign, supranational and non-U.S. agency	3,673	7	73	3,607	5,757	8	153	5,612
Total non-U.S. debt securities	3,673	7	73	3,607	5,757	8	153	5,612
Asset-backed securities:								
Student loans ⁽⁴⁾	2,536	4	29	2,511	3,298	2	62	3,238
Non-agency CMBS and RMBS ⁽¹¹⁾	—	—	—	—	6	18	—	24
Total asset-backed securities	2,536	4	29	2,511	3,304	20	62	3,262
Total held-to-maturity securities ⁽⁸⁾⁽¹²⁾	\$ 47,727	\$ 13	\$ 5,834	\$ 41,906	\$ 57,117	\$ 35	\$ 5,649	\$ 51,503

⁽¹⁾ As of December 31, 2024 and 2023, the total fair value included \$4.36 billion and \$5.54 billion, respectively, of agency CMBS and \$6.20 billion and \$5.21 billion, respectively, of agency MBS.

⁽²⁾ As of December 31, 2024 and 2023, the fair value includes non-U.S. collateralized loan obligations of \$0.70 billion and \$1.02 billion, respectively.

⁽³⁾ As of December 31, 2024 and 2023, the fair value includes non-U.S. corporate bonds of \$2.54 billion and \$2.36 billion, respectively.

⁽⁴⁾ Primarily comprised of securities guaranteed by the federal government with respect to at least 97% of defaulted principal and accrued interest on the underlying loans.

⁽⁵⁾ Excludes collateralized loan obligations in loan form. Refer to Note 4 for additional information.

⁽⁶⁾ Consists entirely of non-agency RMBS as of December 31, 2024 and entirely of non-agency CMBS as of December 31, 2023.

⁽⁷⁾ As of December 31, 2024 and 2023, the fair value of U.S. corporate bonds was \$0.05 billion and \$0.31 billion, respectively.

⁽⁸⁾ An immaterial amount of accrued interest related to HTM and AFS investment securities was excluded from the amortized cost basis for the period ended December 31, 2024.

⁽⁹⁾ As of December 31, 2024 and 2023, we had no allowance for credit losses on AFS investment securities.

⁽¹⁰⁾ As of December 31, 2024 and 2023, the total amortized cost included \$5.18 billion and \$5.23 billion of agency CMBS, respectively.

⁽¹¹⁾ Consists entirely of non-agency RMBS as of December 31, 2023.

⁽¹²⁾ As of December 31, 2024, we had no allowance for credit losses on HTM investment securities. As of December 31, 2023, we had \$1 million allowance for credit losses on HTM investment securities.

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Aggregate investment securities with carrying values of approximately \$86.70 billion and \$71.30 billion as of December 31, 2024 and 2023, respectively, were designated as pledged for public and trust deposits, short-term borrowings and for other purposes as provided by law.

In 2024, 2023 and 2022, proceeds from sales of AFS securities were approximately \$10.97 billion, \$4.92 billion and \$4.59 billion, respectively, resulting in a pre-tax loss of approximately \$79 million, \$294 million and \$2 million in 2024, 2023 and 2022, respectively. The pre-tax loss in 2024 was primarily driven by sales of U.S. Treasury, non-U.S. agency, supranational and mortgage-backed securities as part of an investment portfolio repositioning in the third quarter of 2024.

The following tables present the aggregate fair values of AFS investment securities that have been in a continuous unrealized loss position for less than 12 months, and those that have been in a continuous unrealized loss position for 12 months or longer, as of the dates indicated:

	As of December 31, 2024					
	Less than 12 months		12 months or longer		Total	
	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses
(In millions)						
Available-for-sale:						
U.S. Treasury and federal agencies:						
Direct obligations	\$ 8,113	\$ 25	\$ 2,435	\$ 27	\$ 10,548	\$ 52
Mortgage-backed securities	3,742	59	4,360	95	8,102	154
Total U.S. Treasury and federal agencies	<u>11,855</u>	<u>84</u>	<u>6,795</u>	<u>122</u>	<u>18,650</u>	<u>206</u>
Non-U.S. debt securities:						
Mortgage-backed securities	730	1	225	—	955	1
Asset-backed securities	387	—	506	2	893	2
Non-U.S. sovereign, supranational and non-U.S. agency	4,695	49	2,695	20	7,390	69
Other	312	2	116	2	428	4
Total non-U.S. debt securities	<u>6,124</u>	<u>52</u>	<u>3,542</u>	<u>24</u>	<u>9,666</u>	<u>76</u>
Asset-backed securities:						
Student loans	12	—	—	—	12	—
Collateralized loan obligations	684	—	—	—	684	—
Total asset-backed securities	<u>696</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>696</u>	<u>—</u>
State and political subdivisions	—	—	26	—	26	—
Other U.S. debt securities	3	—	49	1	52	1
Total	<u>\$ 18,678</u>	<u>\$ 136</u>	<u>\$ 10,412</u>	<u>\$ 147</u>	<u>\$ 29,090</u>	<u>\$ 283</u>

	As of December 31, 2023					
	Less than 12 months		12 months or longer		Total	
	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses
(In millions)						
Available-for-sale:						
U.S. Treasury and federal agencies:						
Direct obligations	\$ 333	\$ 2	\$ 5,416	\$ 163	\$ 5,749	\$ 165
Mortgage-backed securities	961	6	6,512	158	7,473	164
Total U.S. Treasury and federal agencies	<u>1,294</u>	<u>8</u>	<u>11,928</u>	<u>321</u>	<u>13,222</u>	<u>329</u>
Non-U.S. debt securities:						
Mortgage-backed securities	424	1	719	6	1,143	7
Asset-backed securities	358	—	1,052	13	1,410	13
Non-U.S. sovereign, supranational and non-U.S. agency	3,972	7	5,788	125	9,760	132
Other	50	—	893	37	943	37
Total non-U.S. debt securities	<u>4,804</u>	<u>8</u>	<u>8,452</u>	<u>181</u>	<u>13,256</u>	<u>189</u>
Asset-backed securities:						
Collateralized loan obligations	183	—	1,605	6	1,788	6
Non-agency CMBS and RMBS	35	—	180	3	215	3
Total asset-backed securities	<u>218</u>	<u>—</u>	<u>1,785</u>	<u>9</u>	<u>2,003</u>	<u>9</u>
State and political subdivisions	64	—	104	1	168	1
Other U.S. debt securities	3	—	303	8	306	8
Total	<u>\$ 6,383</u>	<u>\$ 16</u>	<u>\$ 22,572</u>	<u>\$ 520</u>	<u>\$ 28,955</u>	<u>\$ 536</u>

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The following table presents the amortized cost and the fair value of contractual maturities of debt investment securities as of December 31, 2024. The maturities of certain ABS, MBS and collateralized mortgage obligations are based on expected principal payments. Actual maturities may differ from these expected maturities since certain borrowers have the right to prepay obligations with or without prepayment penalties.

(In millions)	As of December 31, 2024									
	Under 1 Year		1 to 5 Years		6 to 10 Years		Over 10 Years		Total	
	Amortized Cost	Fair Value	Amortized Cost	Fair Value	Amortized Cost	Fair Value	Amortized Cost	Fair Value	Amortized Cost	Fair Value
Available-for-sale:										
U.S. Treasury and federal agencies:										
Direct obligations	\$ 8,619	\$ 8,625	\$ 13,485	\$ 13,474	\$ 1,435	\$ 1,426	\$ —	\$ —	\$ 23,539	\$ 23,525
Mortgage-backed securities	49	49	1,824	1,819	2,517	2,493	6,309	6,205	10,699	10,566
Total U.S. Treasury and federal agencies	8,668	8,674	15,309	15,293	3,952	3,919	6,309	6,205	34,238	34,091
Non-U.S. debt securities:										
Mortgage-backed securities	58	58	427	427	38	38	1,903	1,907	2,426	2,430
Asset-backed securities	276	276	279	279	1,005	1,007	305	306	1,865	1,868
Non-U.S. sovereign, supranational and non-U.S. agency	2,706	2,700	10,138	10,136	1,110	1,103	—	—	13,954	13,939
Other	371	371	2,314	2,346	102	104	—	—	2,787	2,821
Total non-U.S. debt securities	3,411	3,405	13,158	13,188	2,255	2,252	2,208	2,213	21,032	21,058
Asset-backed securities:										
Student loans	23	24	—	—	12	12	54	54	89	90
Collateralized loan obligations	37	37	78	78	1,874	1,877	1,458	1,461	3,447	3,453
Non-agency CMBS and RMBS	—	—	—	—	—	—	1	4	1	4
Other	—	—	90	91	—	—	—	—	90	91
Total asset-backed securities	60	61	168	169	1,886	1,889	1,513	1,519	3,627	3,638
State and political subdivisions	30	30	26	26	—	—	—	—	56	56
Other U.S. debt securities	30	29	23	23	—	—	—	—	53	52
Total	\$ 12,199	\$ 12,199	\$ 28,684	\$ 28,699	\$ 8,093	\$ 8,060	\$ 10,030	\$ 9,937	\$ 59,006	\$ 58,895
Held-to-maturity:										
U.S. Treasury and federal agencies:										
Direct obligations	\$ 4,557	\$ 4,521	\$ 851	\$ 832	\$ 1	\$ 1	\$ 8	\$ 8	\$ 5,417	\$ 5,362
Mortgage-backed securities	134	120	1,711	1,559	3,308	2,788	30,948	25,959	36,101	30,426
Total U.S. Treasury and federal agencies	4,691	4,641	2,562	2,391	3,309	2,789	30,956	25,967	41,518	35,788
Non-U.S. debt securities:										
Non-U.S. sovereign, supranational and non-U.S. agency	1,409	1,397	2,044	1,998	220	212	—	—	3,673	3,607
Total non-U.S. debt securities	1,409	1,397	2,044	1,998	220	212	—	—	3,673	3,607
Asset-backed securities:										
Student loans	149	147	310	309	380	379	1,697	1,676	2,536	2,511
Total asset-backed securities	149	147	310	309	380	379	1,697	1,676	2,536	2,511
Total	\$ 6,249	\$ 6,185	\$ 4,916	\$ 4,698	\$ 3,909	\$ 3,380	\$ 32,653	\$ 27,643	\$ 47,727	\$ 41,906

Interest income related to debt securities is recognized in our consolidated statement of income using the effective interest method, or on a basis approximating a level rate of return over the contractual or estimated life of the security. The level rate of return considers any non-refundable fees or costs, as well as purchase premiums or discounts, adjusted as prepayments occur, resulting in amortization or accretion, accordingly.

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Allowance for Credit Losses on Debt Securities and Impairment of AFS Securities

An allowance for credit losses is recognized on HTM securities upon acquisition of the security, and on AFS securities when the fair value and expected future cash flows of the investment securities are less than their amortized cost basis. Our assessment of impairment involves an evaluation of economic and security-specific factors. Such factors are based on estimates, derived by management, which contemplate current market conditions and security-specific performance. To the extent that market conditions are worse than management's expectations or due to idiosyncratic bond performance, the credit-related component of impairment, in particular, could increase and would be recorded in the provision for credit losses.

We conduct quarterly reviews of HTM securities on a collective (pool) basis when similar risk characteristics exist to determine whether an allowance for credit losses should be recognized. HTM securities are evaluated for expected credit loss utilizing a probability of default methodology, or discounted cash flows assessed against the amortized cost of the investment security excluding accrued interest.

We monitor the credit quality of the HTM investment securities using a variety of methods, including both external and internal credit ratings.

With respect to certain classes of debt securities, primarily U.S. Treasuries and agency securities (mainly issued by U.S. Government entities and agencies, as well as Group of Seven sovereigns), we consider the history of credit losses, current conditions and reasonable and supportable forecasts, which may indicate that the expectation that nonpayment of the amortized cost basis is or continues to be zero. Therefore, for those securities, we do not record expected credit losses.

As of December 31, 2024, we had no allowance for credit losses on HTM investment securities. As of December 31, 2023, we had \$1 million allowance for credit losses on HTM investment securities.

We have elected to not record an allowance on accrued interest for HTM securities. Accrued interest on these securities is reversed against interest income when payment on a security is delinquent for greater than 90 days from the date of payment.

An AFS security is impaired when the current fair value of an individual security is below its amortized cost basis. An allowance for credit losses on impaired AFS securities is recorded when the present value of expected future cash flows of the investment security is less than its amortized cost basis, limited to the amount by which the security's amortized cost basis exceeds the fair value.

Investment securities will be written down to fair value through the consolidated statement of income when management intends to sell (or may be required to sell) the securities before they recover in value.

Our review of AFS investment securities for credit impairment generally includes:

- the identification and evaluation of securities that have indications of potential impairment, such as issuer-specific concerns, including deteriorating financial condition or bankruptcy;
- the analysis of expected future cash flows of securities, based on quantitative and qualitative factors;
- the analysis of the collectability of those future cash flows, including information about past events, current conditions, and reasonable and supportable forecasts;
- the analysis of the underlying collateral for MBS and ABS;
- the analysis of individual impaired securities, including the anticipated recovery period and the magnitude of the overall price decline;
- evaluation of factors or triggers that could cause individual securities to be deemed impaired and those that would not support impairment; and
- documentation of the results of these analyses.

As of both December 31, 2024 and 2023, we had no allowance for credit losses on AFS investment securities.

Substantially all of our investment securities portfolio is composed of debt securities. A critical component of our assessment of impairment of these debt securities is the identification of credit-impaired securities for which management does not expect to receive cash flows sufficient to recover the entire amortized cost basis of the security.

As of December 31, 2024, 99% of our HTM and AFS investment portfolio is publicly rated investment grade.

After a review of the investment portfolio, taking into consideration then-current economic conditions, adverse situations that might affect our ability to fully collect principal and interest, the timing of future payments, the credit quality and performance of the collateral underlying MBS and ABS and other relevant factors, management considered the aggregate decline in fair value of the investment securities portfolio and the resulting gross pre-tax unrealized losses of \$6.12 billion and \$6.19 billion related to 1,564 and 1,704 securities as of December 31, 2024 and 2023, respectively, to be primarily related to changes in interest rates, and not the result of any material changes in the credit characteristics of the

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securities. The unrealized loss has not been recognized as of December 31, 2024, as management did not have the intent to sell, nor was it more likely than not that we would be required to sell these securities before the expected recovery of their amortized cost basis.

Note 4. Loans and Allowance for Credit Losses

Loans are generally recorded at their principal amount outstanding, net of the allowance for credit losses, unearned income, and any net unamortized deferred loan origination fees. Loans that are classified as held-for-sale are measured at lower of cost or fair value on an individual basis.

Interest income related to loans is recognized in our consolidated statement of income using the interest method, or on a basis approximating a level rate of return over the term of the loan. Fees received for providing loan commitments and letters of credit that we anticipate will result in loans typically are deferred and amortized to interest income over the term of the related loan, beginning with the initial borrowing. Fees on commitments and letters of credit are amortized to software and processing fees over the commitment period when funding is not known or expected.

The following table presents our recorded investment in loans, by segment, as of the dates indicated:

(In millions)	December 31, 2024	December 31, 2023
Domestic⁽¹⁾:		
Commercial and financial:		
Fund finance ⁽²⁾	\$ 16,347	\$ 13,697
Leveraged loans	2,742	2,412
Overdrafts	1,208	1,225
Collateralized loan obligations in loan form	50	150
Other ⁽³⁾	3,220	2,512
Commercial real estate	2,842	3,069
Total domestic	<u>26,409</u>	<u>23,065</u>
Foreign⁽¹⁾:		
Commercial and financial:		
Fund finance ⁽²⁾	6,601	4,956
Leveraged loans	1,082	1,194
Overdrafts	772	1,047
Collateralized loan obligations in loan form	8,336	6,369
Total foreign	<u>16,791</u>	<u>13,566</u>
Total loans ⁽⁴⁾	<u>43,200</u>	<u>36,631</u>
Allowance for credit losses	(174)	(135)
Loans, net of allowance	\$ 43,026	\$ 36,496

⁽¹⁾ Domestic and foreign categorization is based on the borrower's country of domicile.

⁽²⁾ Fund finance loans include primarily \$11.54 billion private equity capital call finance loans, \$8.09 billion loans to real money funds and \$1.44 billion loans to business development companies as of December 31, 2024, compared to \$9.69 billion private equity capital call finance loans, \$6.63 billion loans to real money funds and \$1.05 billion loans to business development companies as of December 31, 2023.

⁽³⁾ Includes \$3.01 billion securities finance loans and \$214 million loans to municipalities as of December 31, 2024 and \$2.23 billion securities finance loans, \$276 million loans to municipalities and \$5 million other loans as of December 31, 2023.

⁽⁴⁾ As of December 31, 2024, excluding overdrafts, floating rate loans totaled \$38.46 billion and fixed rate loans totaled \$2.76 billion. We have entered into interest rate swap agreements to hedge the forecasted cash flows associated with EURIBOR indexed floating-rate loans. See Note 10 for additional details.

We segregate our loans into two segments: commercial and financial loans and commercial real estate loans. We further classify commercial and financial loans as fund finance loans, leveraged loans, collateralized loan obligations in loan form, overdrafts and other loans. Fund finance loans are composed of revolving credit lines providing liquidity and leverage to mutual fund and private equity fund clients. These classifications reflect their risk characteristics, their initial measurement attributes and the methods we use to monitor and assess credit risk.

Certain loans are pledged as collateral for access to the Federal Reserve's discount window. As of December 31, 2024 and 2023, the loans pledged as collateral totaled \$13.90 billion and \$13.00 billion, respectively.

We generally place loans on non-accrual status once principal or interest payments are 90 days contractually past due, or earlier if management determines that full collection is not probable. Loans 90 days past due, but considered both well-secured and in the process of collection, may be excluded from non-accrual status. When we place a loan on non-accrual status, the accrual of interest is discontinued and previously recorded but unpaid interest is reversed and generally charged against interest income. For loans on non-accrual status, income is recognized on a cash basis after recovery of principal, if and when interest payments are received. Loans may be removed from non-accrual status when repayment is reasonably assured and performance under the terms of the loan has been demonstrated. As of December 31, 2024, we had two loans totaling \$191 million on non-accrual status, of which one loan totaling \$101 million was more than 90 days contractually past due. As of December 31, 2023, we had three loans totaling \$70 million on non-accrual status.

In 2024, we purchased \$3.72 billion of collateralized loan obligations in loan form, which were all investment grade as of December 31, 2024.

We sold \$300 million of loans in 2024. We recorded a charge-off against the allowance for these loans of \$37 million in 2024.

Allowance for Credit Losses

We recognize an allowance for credit losses in accordance with ASC 326 for financial assets held at amortized cost and off-balance sheet commitments. The allowance for credit losses is reviewed on a regular basis, and any provision for credit losses is recorded to reflect the amount necessary to maintain the allowance for expected credit losses at a level which represents what management does not expect to recover due to expected credit losses. For additional discussion on the allowance for credit

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losses for investment securities, please refer to Note 3.

When the allowance is recorded, a provision for credit loss expense is recognized in net income. The allowance for credit losses for financial assets (excluding investment securities, as discussed in Note 3) represents the portion of the amortized cost basis, including accrued interest for financial assets held at amortized cost, which management does not expect to recover due to expected credit losses and is presented on the statement of condition as an offset to the amortized cost basis. The accrued interest balance is presented separately on the statement of condition within accrued interest and fees receivable. The allowance for off-balance sheet commitments is presented within other liabilities. Loans are charged off to the allowance for credit losses in the reporting period in which either an event occurs that confirms the existence of a loss on a loan, including a sale of a loan below its carrying value, or a portion of a loan is determined to be uncollectible.

The allowance for credit losses may be determined using various methods, including discounted cash flow methods, loss-rate methods, probability-of-default methods, and other quantitative or qualitative methods as determined by us. The method used to estimate expected credit losses may vary depending on the type of financial asset, our ability to predict the timing of cash flows, and the information available to us.

The allowance for credit losses as reported in our consolidated statement of condition is adjusted by the provision for credit losses, which is reported in earnings, and reduced by the charge-off of principal amounts, net of recoveries.

We measure expected credit losses of financial assets on a collective (pool) basis when similar risk characteristics exist. Each reporting period, we assess whether the assets in the pool continue to display similar risk characteristics.

For a financial asset that does not share risk characteristics with other assets, expected credit losses are measured separately using one or more of the methods noted above. As of December 31, 2024, we had 4 loans totaling \$48 million in the commercial and financial segment and 5 loans totaling \$402 million in the commercial real estate segment that no longer met the similar risk characteristics of their collective pool. As of December 31, 2024, \$91 million of our allowance for credit losses was related to these loans.

When the asset is collateral-dependent, which means when the borrower is experiencing financial difficulty and repayment is expected to be provided substantially through the operation or sale of the collateral, the allowance for credit losses are

determined based on the fair value of the collateral, adjusted for the estimated costs to sell.

Determining the appropriateness of the allowance is complex and requires judgment by management about the effect of matters that are inherently uncertain. In future periods, factors and forecasts then prevailing may result in significant changes in the allowance for credit losses in those future periods.

We estimate credit losses over the contractual life of the financial asset, while factoring in prepayment activity, where supported by data, over a three year reasonable and supportable forecast period. We utilize a baseline, upside and downside scenario which are applied based on a probability weighting, in order to better reflect management's expectation of expected credit losses given existing market conditions and the changes in the economic environment. The multiple scenarios are based on a three year horizon (or less depending on contractual maturity) and then revert linearly over a two year period to a ten-year historical average thereafter. The contractual term excludes expected extensions, renewals and modifications, but includes prepayment assumptions where applicable.

As part of our allowance methodology, we establish qualitative reserves to address any risks inherent in our portfolio that are not addressed through our quantitative reserve assessment. These factors may relate to, among other things, legislation changes or new regulation, credit concentration, loan markets, scenario weighting and overall model limitations. The qualitative adjustments are applied to our portfolio of financial instruments under the existing governance structure and are inherently judgmental.

Credit Quality

Credit quality for financial assets held at amortized cost is continuously monitored by management and is reflected within the allowance for credit losses.

We use an internal risk-rating system to assess our risk of credit loss for each loan. This risk-rating process incorporates the use of risk-rating tools in conjunction with management judgment. Qualitative and quantitative inputs are captured in a systematic manner, and following a formal review and approval process, an internal credit rating based on our credit scale is assigned.

When computing allowance levels, credit loss assumptions are estimated using models that categorize asset pools based on loss history, delinquency status and other credit trends and risk characteristics, including current conditions and reasonable and supportable forecasts about the future. Determining the appropriateness of the

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allowance is complex and requires judgment by management about the effect of matters that are inherently uncertain. In future periods, evaluations of the overall asset portfolio, in light of the factors and forecasts then prevailing, may result in significant changes in the allowance and credit loss expense in those future periods.

Credit quality is assessed and monitored by evaluating various attributes in order to enable timely detection of any concerns with the customer's credit rating. The results of those evaluations are utilized in underwriting new loans and transactions with counterparties and in our process for estimation of expected credit losses.

In assessing the risk rating assigned to each individual loan, among the factors considered are the borrower's debt capacity, collateral coverage, payment history and delinquency experience, financial flexibility and earnings strength, the expected amounts and source of repayment, the level and nature of contingencies, if any, and the industry and geography in which the borrower operates. These factors are based on an evaluation of historical and current information, and involve subjective assessment and interpretation. Credit counterparties are evaluated and risk-rated on an individual basis at least annually. Management considers the ratings to be current as of December 31, 2024.

Our internal risk rating methodology assigns risk ratings to counterparties ranging from Investment Grade, Speculative, Special Mention, Substandard, Doubtful and Loss.

- Investment Grade: Counterparties with strong credit quality and low expected credit risk and probability of default. Approximately 88% of our loans were rated as investment grade as of December 31, 2024 with external credit ratings, or equivalent, of "BBB-" or better.
- Speculative: Counterparties that have the ability to repay but face significant uncertainties, such as adverse business or financial circumstances that could affect credit risk or economic downturns. Loans to counterparties rated as speculative account for approximately 11% of our loans as of December 31, 2024, and are concentrated in leveraged loans. Approximately 91% of those leveraged loans have an external credit rating, or equivalent, of "BB" or "B" as of December 31, 2024.
- Special Mention: Counterparties with potential weaknesses that, if uncorrected, may result in deterioration of repayment prospects.
- Substandard: Counterparties with well-defined weakness that jeopardizes

repayment with the possibility we will sustain some loss.

- Doubtful: Counterparties with well-defined weakness which make collection or liquidation in full highly questionable and improbable.
- Loss: Counterparties which are uncollectible or have little value.

The following tables present our recorded loans to counterparties by risk rating, as noted above, as of the dates indicated:

December 31, 2024 (In millions)	Commercial and Financial	Commercial Real Estate	Total Loans
Investment grade	\$ 35,831	\$ 1,969	\$ 37,800
Speculative	4,278	409	4,687
Special mention	187	62	249
Substandard	48	211	259
Doubtful	—	191	191
Total ⁽¹⁾⁽²⁾	<u>\$ 40,344</u>	<u>\$ 2,842</u>	<u>\$ 43,186</u>

December 31, 2023 (In millions)	Commercial and Financial	Commercial Real Estate	Total Loans
Investment grade	\$ 29,737	\$ 2,287	\$ 32,024
Speculative	3,546	449	3,995
Special mention	242	62	304
Substandard	14	224	238
Doubtful	23	47	70
Total ⁽¹⁾	<u>\$ 33,562</u>	<u>\$ 3,069</u>	<u>\$ 36,631</u>

⁽¹⁾ Loans include \$1.98 billion and \$2.27 billion of overdrafts as of December 31, 2024 and 2023, respectively. Overdrafts are short-term in nature and do not present a significant credit risk to us. As of December 31, 2024, \$1.84 billion overdrafts were investment grade and \$0.14 billion overdrafts were speculative.

⁽²⁾ Total does not include \$14 million of loans classified as held-for-sale as of December 31, 2024.

Financial assets held at amortized cost that are not loans are disaggregated based on product type. This includes our fees receivable balance, which have had no history of credit losses, and are evaluated collectively as a pool.

Securities purchased under a resale agreement and securities-financing within our principal business utilize the collateral maintenance provisions included within ASC 326. An allowance for credit losses is recognized for any remaining exposure based on counterparty type.

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The allowance for credit losses for off-balance sheet credit exposures, recorded in accrued expenses and other liabilities in our consolidated statement of condition, represents management's estimate of credit losses primarily in outstanding letters and lines of credit and other credit-enhancement facilities provided to our clients and outstanding as of the balance sheet date. The allowance is evaluated quarterly by management. Factors considered in evaluating the appropriate level of this allowance are similar to those considered with respect to the allowance for credit losses on financial assets held at amortized cost. Provisions to maintain the allowance at a level considered by us to be appropriate to absorb estimated credit losses in outstanding facilities are recorded in the provision for credit losses in our consolidated statement of income.

The following table presents the amortized cost basis, by year of origination and credit quality indicator as of December 31, 2024. For origination years before the fifth annual period, we present the aggregate amortized cost basis of loans. For purchased loans, the date of issuance is used to determine the year of origination, not the date of acquisition. For modified, extended or renewed lending arrangements, we evaluate whether a credit event has occurred which would consider the loan to be a new arrangement.

(In millions)	2024	2023	2022	2021	2020	Prior	Revolving Loans	Total ⁽¹⁾
Domestic loans:								
Commercial and financial:								
Risk Rating:								
Investment grade	\$ 1,946	\$ 223	\$ 89	\$ 47	\$ 6	\$ 197	\$ 18,044	\$ 20,552
Speculative	1,834	173	154	387	53	155	136	2,892
Special mention	47	10	—	54	—	—	—	111
Substandard	—	—	12	—	—	—	—	12
Total commercial and financing	<u>\$ 3,827</u>	<u>\$ 406</u>	<u>\$ 255</u>	<u>\$ 488</u>	<u>\$ 59</u>	<u>\$ 352</u>	<u>\$ 18,180</u>	<u>\$ 23,567</u>
Commercial real estate:								
Risk Rating:								
Investment grade	\$ 41	\$ 63	\$ 488	\$ 278	\$ 128	\$ 971	\$ —	\$ 1,969
Speculative	—	153	20	69	100	67	—	409
Special mention	—	—	—	—	—	62	—	62
Substandard	—	—	—	—	—	211	—	211
Doubtful	—	—	—	—	—	191	—	191
Total commercial real estate	<u>\$ 41</u>	<u>\$ 216</u>	<u>\$ 508</u>	<u>\$ 347</u>	<u>\$ 228</u>	<u>\$ 1,502</u>	<u>\$ —</u>	<u>\$ 2,842</u>
Non-U.S. loans:								
Commercial and financial:								
Risk Rating:								
Investment grade	\$ 4,243	\$ 1,796	\$ 1,152	\$ 2,187	\$ —	\$ —	\$ 5,901	\$ 15,279
Speculative	607	174	44	246	46	43	226	1,386
Special mention	—	35	26	15	—	—	—	76
Substandard	—	—	—	36	—	—	—	36
Total commercial and financing	<u>\$ 4,850</u>	<u>\$ 2,005</u>	<u>\$ 1,222</u>	<u>\$ 2,484</u>	<u>\$ 46</u>	<u>\$ 43</u>	<u>\$ 6,127</u>	<u>\$ 16,777</u>
Total loans ⁽²⁾	\$ 8,718	\$ 2,627	\$ 1,985	\$ 3,319	\$ 333	\$ 1,897	\$ 24,307	\$ 43,186

⁽¹⁾ Any reserve associated with accrued interest is not material. As of December 31, 2024, accrued interest receivable of \$327 million included in the amortized cost basis of loans has been excluded from the amortized cost basis within this table.

⁽²⁾ Total does not include \$14 million of loans classified as held-for-sale as of December 31, 2024.

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The following table presents the amortized cost basis, by year of origination and credit quality indicator as of December 31, 2023:

(In millions)	2023	2022	2021	2020	2019	Prior	Revolving Loans	Total ⁽¹⁾
Domestic loans:								
Commercial and financial:								
Risk Rating:								
Investment grade	\$ 1,399	\$ 120	\$ 199	\$ 8	\$ 272	\$ 5	\$ 15,476	\$ 17,479
Speculative	615	285	747	149	291	141	81	2,309
Special mention	—	4	164	—	16	—	—	184
Doubtful	5	—	18	—	—	—	—	23
Total commercial and financing	<u>\$ 2,019</u>	<u>\$ 409</u>	<u>\$ 1,128</u>	<u>\$ 157</u>	<u>\$ 579</u>	<u>\$ 146</u>	<u>\$ 15,557</u>	<u>\$ 19,995</u>
Commercial real estate:								
Risk Rating:								
Investment grade	\$ 216	\$ 500	\$ 498	\$ 100	\$ 375	\$ 598	\$ —	\$ 2,287
Speculative	—	20	31	50	49	299	—	449
Special mention	—	—	—	—	22	40	—	62
Substandard	—	—	—	—	95	129	—	224
Doubtful	—	—	—	—	—	47	—	47
Total commercial real estate	<u>\$ 216</u>	<u>\$ 520</u>	<u>\$ 529</u>	<u>\$ 150</u>	<u>\$ 541</u>	<u>\$ 1,113</u>	<u>\$ —</u>	<u>\$ 3,069</u>
Non-U.S. loans:								
Commercial and financial:								
Risk Rating:								
Investment grade	\$ 2,943	\$ 1,956	\$ 2,518	\$ —	\$ —	\$ —	\$ 4,841	\$ 12,258
Speculative	394	135	481	88	109	18	12	1,237
Special mention	—	—	29	29	—	—	—	58
Substandard	—	—	—	—	—	14	—	14
Total commercial and financing	<u>\$ 3,337</u>	<u>\$ 2,091</u>	<u>\$ 3,028</u>	<u>\$ 117</u>	<u>\$ 109</u>	<u>\$ 32</u>	<u>\$ 4,853</u>	<u>\$ 13,567</u>
Total loans	<u>\$ 5,572</u>	<u>\$ 3,020</u>	<u>\$ 4,685</u>	<u>\$ 424</u>	<u>\$ 1,229</u>	<u>\$ 1,291</u>	<u>\$ 20,410</u>	<u>\$ 36,631</u>

⁽¹⁾ Any reserve associated with accrued interest is not material. As of December 31, 2023, accrued interest receivable of \$318 million included in the amortized cost basis of loans has been excluded from the amortized cost basis within this table.

The following tables present the activity in the allowance for credit losses by portfolio and class for the years ended December 31, 2024 and 2023:

Year End December 31, 2024						
Commercial and Financial						
(In millions)	Leveraged Loans	Other Loans ⁽¹⁾	Commercial Real Estate	Held-to-Maturity Securities	Off-Balance Sheet Commitments	Total
Allowance for credit losses:						
Beginning balance	\$ 72	\$ 3	\$ 60	\$ 1	\$ 14	\$ 150
Provision	13	1	67	(1)	(5)	75
Charge-offs ⁽²⁾	(17)	—	(25)	—	—	(42)
Ending balance	<u>\$ 68</u>	<u>\$ 4</u>	<u>\$ 102</u>	<u>\$ —</u>	<u>\$ 9</u>	<u>\$ 183</u>

⁽¹⁾ Includes \$3 million allowance for credit losses on Fund Finance loans and \$1 million on other loans.

⁽²⁾ Related to the sale of commercial real estate and leveraged loans in 2024.

Year Ended December 31, 2023							
Commercial and Financial							
(In millions)	Leveraged Loans	Other Loans ⁽¹⁾	Commercial Real Estate	Available-for-sale securities	Held-to-Maturity Securities	Off-Balance Sheet Commitments	Total
Allowance for credit losses:							
Beginning balance	\$ 73	\$ 4	\$ 19	\$ 2	\$ —	\$ 23	\$ 121
Provision	16	(1)	41	(2)	1	(9)	46
Charge-offs ⁽²⁾	(17)	—	—	—	—	—	(17)
Ending balance	<u>\$ 72</u>	<u>\$ 3</u>	<u>\$ 60</u>	<u>\$ —</u>	<u>\$ 1</u>	<u>\$ 14</u>	<u>\$ 150</u>

⁽¹⁾ Includes \$3 million allowance for credit losses on Fund Finance loans and \$1 million on other loans.

⁽²⁾ Related to the sale of leveraged loans in 2023.

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NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Loans are reviewed on a regular basis, and any provisions for credit losses that are recorded reflect management's estimate of the amount necessary to maintain the allowance for loan losses at a level considered appropriate to absorb expected credit losses in the loan portfolio. In 2024, we recorded a \$75 million provision for credit losses, primarily reflecting an increase in loan loss reserves associated with certain commercial real estate and leveraged loans, compared to \$46 million in 2023. Allowance estimates remain subject to continued model and economic uncertainty and management may use qualitative adjustments in the allowance estimates. If future data and forecasts deviate relative to the forecasts utilized to determine our allowance for credit losses as of December 31, 2024, or if credit risk migration is higher or lower than forecasted for reasons independent of the economic forecast, our allowance for credit losses will also change.

Note 5. Goodwill and Other Intangible Assets

Goodwill represents the excess of the cost of an acquisition over the fair value of the net tangible and other intangible assets acquired. Other intangible assets represent purchased long-lived intangible assets, primarily client relationships, that can be distinguished from goodwill because of contractual rights or because the asset can be exchanged on its own or in combination with a related contract, asset or liability. Goodwill is not amortized, but is reviewed for impairment annually or more frequently if circumstances arise or events occur that indicate an impairment of the carrying amount may exist. Other intangible assets, which are subject to evaluation for impairment, are mainly related to client relationships, which are amortized on a straight-line basis over periods ranging from five to twenty years, technology assets, which are amortized on a straight-line basis over periods ranging from three to ten years, and core deposit intangible assets, which are amortized on a straight-line basis over periods ranging from sixteen to twenty-two years, with such amortization recorded in other expenses in our consolidated statement of income.

Impairment of goodwill is deemed to exist if the carrying value of a reporting unit, including its allocation of goodwill and other intangible assets, exceeds its estimated fair value. Impairment of other intangible assets is deemed to exist if the balance of the other intangible asset exceeds the cumulative expected undiscounted net cash inflows related to the asset over its remaining estimated useful life. If these reviews determine that goodwill or other intangible assets are impaired, the value of the goodwill or the other intangible asset is written down through a charge to other expenses in our consolidated statement of income. There were no impairments to

goodwill or other intangible assets in 2024, 2023 and 2022.

The following table presents changes in the carrying amount of goodwill during the periods indicated for each of our goodwill reporting units:

(In millions)	Investment Servicing	Investment Management	Total
Goodwill:			
Ending balance December 31, 2022	\$ 7,232	\$ 263	\$ 7,495
Acquisitions	44	—	44
Foreign currency translation	70	2	72
Ending balance December 31, 2023	7,346	265	7,611
Acquisitions ⁽¹⁾	189	—	189
Foreign currency translation	(107)	(2)	(109)
Ending balance December 31, 2024	<u>\$ 7,428</u>	<u>\$ 263</u>	<u>\$ 7,691</u>

⁽¹⁾ Investment Servicing includes the impact of the consolidation of one of our joint ventures in India.

The following table presents changes in the net carrying amount of other intangible assets during the periods indicated:

(In millions)	Investment Servicing	Investment Management	Total
Other intangible assets:			
Ending balance December 31, 2022	\$ 1,495	\$ 49	\$ 1,544
Amortization	(217)	(22)	(239)
Foreign currency translation	15	—	15
Ending balance December 31, 2023	1,293	27	1,320
Acquisitions	7	13	20
Amortization	(216)	(14)	(230)
Foreign currency translation	(21)	—	(21)
Ending balance December 31, 2024	<u>\$ 1,063</u>	<u>\$ 26</u>	<u>\$ 1,089</u>

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The following tables present the gross carrying amount, accumulated amortization and net carrying amount of other intangible assets by type as of the dates indicated:

December 31, 2024 (In millions)	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Other intangible assets:			
Client relationships	\$ 2,706	\$ (1,919)	\$ 787
Technology	401	(252)	149
Core deposits	677	(540)	137
Other	95	(79)	16
Total	\$ 3,879	\$ (2,790)	\$ 1,089

December 31, 2023 (In millions)	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Other intangible assets:			
Client relationships	\$ 2,761	\$ (1,808)	\$ 953
Technology	402	(216)	186
Core deposits	690	(516)	174
Other	85	(78)	7
Total	\$ 3,938	\$ (2,618)	\$ 1,320

Amortization expense related to other intangible assets was \$230 million, \$239 million and \$238 million in 2024, 2023 and 2022, respectively.

Expected future amortization expense for other intangible assets recorded as of December 31, 2024 is as follows:

(In millions)	Future Amortization	
Years Ended December 31,		
2025	\$	225
2026		202
2027		168
2028		122
2029		64

Note 6. Other Assets

The following table presents the components of other assets as of the dates indicated:

(In millions)	December 31, 2024	December 31, 2023
Securities borrowed ⁽¹⁾	\$ 37,451	\$ 23,131
Derivative instruments, net	11,183	5,307
Bank-owned life insurance	3,856	3,742
Investments in joint ventures and other unconsolidated entities ⁽²⁾	3,317	2,981
Collateral, net	3,216	2,983
Right-of-use assets	818	805
Prepaid expenses	738	598
Deferred tax assets, net of valuation allowance ⁽³⁾	701	1,034
Accounts receivable	504	611
Income taxes receivable	144	246
Receivable for securities settlement	57	1,082
Other ⁽⁴⁾	2,529	2,286
Total	\$ 64,514	\$ 44,806

⁽¹⁾ Refer to Note 11, for further information on the impact of collateral on our financial statement presentation of securities borrowing and securities lending transactions.

⁽²⁾ Includes equity securities without readily determinable fair values that are accounted for under the ASC 321 measurement alternative of \$341 million and \$183 million as of December 31, 2024 and 2023, respectively. For the year ended December 31, 2024, no impairments were recognized in other fee revenue related to such equity securities.

⁽³⁾ Deferred tax assets and liabilities recorded in our consolidated statement of condition are netted within the same tax jurisdiction.

⁽⁴⁾ Includes advances of \$1.04 billion and \$1.15 billion as of December 31, 2024 and 2023, respectively.

Note 7. Deposits

We had \$5.78 billion and \$5.80 billion of time deposits outstanding, of which \$0.08 billion and \$0.06 billion were non-U.S. time deposits as of December 31, 2024 and 2023, respectively. Time deposits included amounts in excess of the FDIC insurance limits, or other uninsured accounts not subject to any country specific deposit insurance limits, of \$5.77 billion and \$5.79 billion as of December 31, 2024 and 2023, respectively. As of December 31, 2024, uninsured time deposits of \$1.07 billion were scheduled to mature in less than three months, \$2.41 billion in three to six months, and \$2.29 billion in six to twelve months. Demand deposit overdrafts of \$1.98 billion and \$2.27 billion were included as loan balances at December 31, 2024 and 2023, respectively.

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Note 8. Short-Term Borrowings

Our short-term borrowings include securities sold under repurchase agreements and FHLB and BTFP funding recorded in other short-term borrowings.

Collectively, short-term borrowings had weighted-average interest rates of 5.03% and 1.52% in 2024 and 2023, respectively.

The following tables present information with respect to the amounts outstanding and weighted-average interest rates of the primary components of our short-term borrowings as of and for the years ended December 31:

(Dollars in millions)	Securities Sold Under Repurchase Agreements		Other ⁽¹⁾	
	2024	2023	2024	2023
	Balance as of December 31	\$ 3,681	\$ 1,867	\$ 9,815
Average outstanding during the year	3,163	3,904	11,128	849
Weighted-average interest rate as of year-end	5.62 %	.08 %	4.77 %	3.03 %
Weighted-average interest rate during the year	4.93	.87	5.19	5.12

⁽¹⁾ Primarily includes FHLB and Bank Term Funding Program borrowings.

Obligations to repurchase securities sold are recorded as a liability in our consolidated statement of condition. Applicable securities with a fair value of \$4.36 billion underlying the repurchase agreements remained in our investment securities portfolio as of December 31, 2024.

The following table presents information about these securities and the carrying value of the related repurchase agreements, including accrued interest, as of December 31, 2024.

(In millions)	Securities Sold		Repurchase Agreements ⁽¹⁾	
	Amortized Cost	Fair Value	Amortized Cost	Fair Value
Term maturity ⁽²⁾	\$ 3,588	\$ 3,500	\$ 3,505	\$ 3,505
Overnight maturity	875	861	176	176
Total	<u>\$ 4,463</u>	<u>\$ 4,361</u>	<u>\$ 3,681</u>	<u>\$ 3,681</u>

⁽¹⁾ Collateralized by investment securities.

⁽²⁾ Maturity is greater than 90 days.

We maintain an agreement with a clearing organization (FICC) that enables us to net securities purchased under resale agreements and sold under repurchase agreements with counterparties that are also members of the clearing organization when specific netting criteria are met. The impact of this netting was \$191.26 billion on average in 2024 compared to \$140.36 billion in 2023, primarily due to higher FICC repo volumes.

State Street Bank currently maintains a line of credit of CAD \$1.40 billion, or approximately \$0.97 billion, as of December 31, 2024, to support its Canadian securities processing operations. The line of credit has no stated termination date and is cancellable by either party with prior notice. As of both December 31, 2024 and 2023, there was no balance outstanding on this line of credit.

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Note 9. Long-Term Debt

(Dollars in millions)

Issuance Date	Maturity Date	Coupon Rate	Seniority	Interest Due Dates	As of December 31,	
					2024	2023
Parent Company and Non-Banking Subsidiary Issuances						
August 18, 2015	August 18, 2025 ⁽¹⁾	3.550 %	Senior notes	2/18; 8/18 ⁽²⁾	\$ 1,285	\$ 1,265
August 3, 2023	August 3, 2026	5.272 %	Senior notes	2/3; 8/3 ⁽²⁾	1,203	1,211
October 22, 2024	October 22, 2027	4.330 %	Senior notes	4/22, 10/22 ⁽²⁾	1,189	—
May 18, 2023	May 18, 2026	5.104 %	Fixed-to-floating rate senior notes	5/18; 11/18	999	998
May 18, 2023	May 18, 2034	5.159 %	Fixed-to-floating rate senior notes	5/18; 11/18	995	995
March 18, 2024	March 18, 2027	4.993 %	Senior notes	3/18, 9/18 ⁽²⁾	993	—
August 20, 2024	February 20, 2029	4.530 %	Fixed-to-floating rate senior notes	2/20; 8/20 ⁽²⁾	989	—
November 21, 2023	November 21, 2029	5.684 %	Fixed-to-floating rate senior notes	5/21; 11/21 ⁽²⁾	986	995
March 3, 2021	March 3, 2031 ⁽¹⁾⁽³⁾	2.200 %	Senior subordinated notes	3/3; 9/3	845	845
October 22, 2024	October 22, 2032	4.675 %	Fixed-to-floating rate senior notes	4/22; 10/22 ⁽²⁾	789	—
January 24, 2020	January 24, 2030 ⁽¹⁾	2.400 %	Senior notes	1/24, 7/24 ⁽²⁾	784	790
May 19, 2016	May 19, 2026 ⁽¹⁾	2.650 %	Senior notes	5/19; 11/19 ⁽²⁾	728	719
January 26, 2023	January 26, 2034	4.821 %	Fixed-to-floating rate senior notes	1/26, 7/26 ⁽²⁾	702	731
August 4, 2022	August 4, 2033	4.164 %	Fixed-to-floating rate senior notes	2/4; 8/4 ⁽²⁾	665	687
February 7, 2022	February 7, 2028	2.203 %	Fixed-to-floating rate senior notes	2/7; 8/7 ⁽²⁾	619	605
December 3, 2018	December 3, 2029	4.141 %	Fixed-to-floating rate senior notes	6/3; 12/3 ⁽²⁾	535	556
November 1, 2019	November 1, 2034 ⁽³⁾	3.031 %	Fixed-to-floating rate senior subordinated notes	5/1; 11/1 ⁽²⁾	523	528
April 30, 2007	June 15, 2047	Floating-rate	Junior subordinated debentures	3/15; 6/15; 9/15; 12/15	500	500
January 26, 2023	January 26, 2026	4.857 %	Fixed-to-floating rate senior notes	1/26, 7/26 ⁽²⁾	499	496
November 4, 2022	November 4, 2026	5.751 %	Fixed-to-floating rate senior notes	5/4; 11/4 ⁽²⁾	498	497
March 30, 2020	March 30, 2031	3.152 %	Fixed-to-floating rate senior notes	3/30, 9/30	498	498
May 13, 2022	May 13, 2033	4.421 %	Fixed-to-floating rate senior notes	5/13; 11/13	498	497
November 18, 2021	November 18, 2027	1.684 %	Fixed-to-floating rate senior notes	5/18; 11/18 ⁽²⁾	497	496
March 30, 2020	March 30, 2026	2.901 %	Fixed-to-floating rate senior notes	3/30; 9/30 ⁽²⁾	497	485
November 4, 2022	November 4, 2028	5.820 %	Fixed-to-floating rate senior notes	5/4; 11/4 ⁽²⁾	495	497
November 21, 2023	November 21, 2034 ⁽³⁾	6.123 %	Fixed-to-floating rate senior subordinated notes	5/21; 11/21 ⁽²⁾	492	497
February 7, 2022	February 7, 2033	2.623 %	Fixed-to-floating rate senior notes	2/7; 8/7 ⁽²⁾	465	476
August 3, 2023	August 3, 2026	Floating-rate	Senior notes	2/3; 5/3; 8/3; 11/3	299	299
February 7, 2022	February 6, 2026	1.746 %	Fixed-to-floating rate senior notes	2/6; 8/6 ⁽²⁾	299	290
October 22, 2024	October 22, 2027	Floating-rate	Senior notes	1/22; 4/22; 7/22; 10/22	299	—
June 21, 1996	June 15, 2026 ⁽¹⁾	7.350 %	Senior notes	6/15; 12/15	150	150
May 15, 1998	May 15, 2028	Floating-rate	Junior subordinated debentures	2/15; 5/15; 8/15; 11/15	100	100
December 15, 2014	December 16, 2024 ⁽¹⁾	3.300 %	Senior notes	6/16; 12/16 ⁽²⁾	—	977
November 1, 2019	November 1, 2025 ⁽⁴⁾	2.354 %	Fixed-to-floating rate senior notes	5/1; 11/1 ⁽²⁾	—	972
State Street Bank issuances and lease obligations						
November 25, 2024	November 25, 2026 ⁽¹⁾	4.594 %	Senior notes	5/25, 11/25	1,146	—
November 25, 2024	November 23, 2029 ⁽¹⁾	4.782 %	Senior notes	5/23, 11/23	796	—
November 25, 2024	November 25, 2026 ⁽¹⁾	Floating-rate	Senior notes	2/25; 5/25; 8/25; 11/25	299	—
Long-term finance leases and equipment financing					116	187
Total long-term debt					\$ 23,272	\$ 18,839

⁽¹⁾ We may not redeem notes prior to their maturity.

⁽²⁾ We have entered into interest rate swap agreements, recorded as fair value hedges, to modify our interest expense on these senior and subordinated notes from a fixed rate to a floating rate. As of December 31, 2024 and 2023, the carrying value of long-term debt associated with these fair value hedges was \$220 million and \$184 million, respectively. Refer to Note 10 for additional information about fair value hedges.

⁽³⁾ The subordinated notes qualify for inclusion in tier 2 regulatory capital under current federal regulatory capital guidelines.

⁽⁴⁾ We redeemed the notes prior to original maturity date.

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Parent Company and Non-Banking Subsidiaries

On January 27, 2025, we redeemed \$500 million aggregate principal amount of 4.857% fixed-to-floating rate senior notes due 2026.

On February 6, 2025, we redeemed \$300 million aggregate principal amount of 1.746% fixed-to-floating rate senior notes due 2026.

State Street Bank

As of December 31, 2024 and 2023, \$79 million and \$130 million, respectively, of long-term finance leases was related to information technology equipment. Refer to Note 20 for additional information.

Note 10. Derivative Financial Instruments

We use derivative financial instruments to support our clients' needs and to manage our interest rate, currency and other market risks. These financial instruments consist of FX contracts such as forwards, futures and options contracts; interest rate contracts such as interest rate swaps (cross currency and single currency) and futures; and other derivative contracts. Derivative instruments used for risk management purposes that are highly effective in offsetting the risk being hedged are generally designated as hedging instruments in hedge accounting relationships, while others are economic hedges and not designated in hedge accounting relationships. Derivatives in hedge accounting relationships are disclosed according to the type of hedge, such as fair value, cash flow or net investment. Derivatives designated as hedging instruments in hedge accounting relationships are carried at fair value with change in fair value recognized in the consolidated statement of income or other comprehensive income (OCI), as appropriate. Derivatives not designated in hedge accounting relationships include those derivatives entered into to support client needs and derivatives used to manage interest rate, currency and other market risks associated with certain assets and liabilities. Such derivatives are carried at fair value with changes in fair value recognized in the consolidated statement of income.

Derivatives Not Designated as Hedging Instruments

We provide foreign exchange forward contracts and options in support of our client needs, and also act as a dealer in the currency markets. As part of our trading activities, we assume positions in both the foreign exchange and interest rate markets by buying and selling cash instruments and using derivative financial instruments, including foreign exchange forward contracts, foreign exchange and interest rate options, interest rate forward contracts, and interest rate futures. The entire change in the fair value of

derivatives utilized in our trading activities are recorded in foreign exchange trading services revenue. We also utilize derivatives in our asset and liability management activities and to manage other market risks. The entire change in fair value of such derivatives are recorded in net interest income and other fee revenue, respectively.

We enter into stable value wrap derivative contracts with unaffiliated stable value funds that allow a stable value fund to provide book value coverage to its participants. These derivatives contracts qualify as guarantees as described in Note 12.

We grant deferred cash awards to certain of our employees as part of our employee incentive compensation plans. We account for these awards as derivative financial instruments, as the underlying referenced shares are not equity instruments of ours. The fair value of these derivatives is referenced to the value of units in State Street-sponsored investment funds or funds sponsored by other unrelated entities. We re-measure these derivatives to fair value quarterly, and record the change in value in compensation and employee benefits expenses in our consolidated statement of income.

Derivatives Designated as Hedging Instruments

In connection with our asset and liability management activities, we use derivative financial instruments to manage our interest rate risk and foreign currency risk for certain assets and liabilities. At both the inception of the hedge and on an ongoing basis, we formally assess and document the effectiveness of a derivative designated in a hedging relationship and the likelihood that the derivative will be an effective hedge in future periods. We discontinue hedge accounting prospectively when we determine that the derivative is no longer highly effective in offsetting changes in fair value or cash flows of the underlying risk being hedged, the derivative expires, terminates or is sold, or management discontinues the hedge designation.

The risk management objective of a highly effective hedging strategy that qualifies for hedge accounting must be formally documented. The hedge documentation includes the derivative hedging instrument, the asset or liability or forecasted transaction, type of risk being hedged and method for assessing hedge effectiveness of the derivative prospectively and retrospectively. We use quantitative methods including regression analysis and cumulative dollar offset method, comparing the change in the fair value of the derivative to the change in fair value or the cash flows of the hedged item. We may also utilize qualitative methods such as matching critical terms and evaluation of any changes in those critical terms. Effectiveness is assessed and

STATE STREET CORPORATION
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documented quarterly and if determined that the derivative is not highly effective at hedging the designated risk hedge accounting is discontinued.

Fair Value Hedges

Derivatives designated as fair value hedges are utilized to mitigate the risk of changes in the fair values of recognized assets and liabilities, including long-term debt and AFS securities. We use interest rate and foreign exchange contracts in this manner to manage our exposure to changes in the fair value of hedged items caused by changes in interest rates and foreign exchange rates, respectively.

Changes in the fair value of the derivative and changes in fair value of the hedged item due to changes in the hedged risk are recognized in earnings in the same line item. If a hedge is terminated, but the hedged item was not derecognized, all remaining adjustments to the carrying amount of the hedged item are amortized over a period that is consistent with the amortization of other discounts or premiums associated with the hedged item.

Cash Flow Hedges

Derivatives designated as cash flow hedges are utilized to offset the variability of cash flows of recognized assets, liabilities or forecasted transactions. We have entered into FX contracts to hedge the change in cash flows attributable to FX movements in foreign currency denominated investment securities. Additionally, we have entered into interest rate swap agreements to hedge the forecasted cash flows associated with EURIBOR indexed floating-rate loans, Deposit Facility Interest Rate (DFR) indexed ECB deposits and Interest Rate on Reserve Balances (IORB) indexed floating-rate cash deposits held across the Federal Reserve Bank system. The interest rate swaps synthetically convert the interest receipts from a variable-rate to a fixed-rate, thereby mitigating the risk attributable to changes in the EURIBOR, DFR and IORB.

Changes in fair value of the derivatives designated as cash flow hedges are initially recorded in AOCI and then reclassified into earnings in the same period or periods during which the hedged forecasted transaction affects earnings and are presented in the same income statement line item as the earnings effect of the hedged item. If the hedge relationship is terminated, the change in fair value on the derivative recorded in AOCI is reclassified into earnings consistent with the timing of the hedged item. For hedge relationships that are discontinued because a forecasted transaction is not expected to occur according to the original hedge terms, any

related derivative values recorded in AOCI are immediately recognized in earnings. The net loss associated with cash flow hedges expected to be reclassified from AOCI within 12 months of December 31, 2024 is approximately \$136 million. The maximum length of time over which forecasted cash flows are hedged is 5 years.

Net Investment Hedges

Derivatives categorized as net investment hedges are entered into to protect the net investment in our foreign operations against adverse changes in exchange rates. We use FX forward contracts to convert the foreign currency risk to U.S. dollars to mitigate our exposure to fluctuations in FX rates. The changes in fair value of the FX forward contracts are recorded, net of taxes, in the foreign currency translation component of OCI.

The following table presents the aggregate contractual, or notional, amounts of derivative financial instruments including those entered into for trading and asset and liability management activities as of the dates indicated:

(In millions)	December 31, 2024	December 31, 2023
Derivatives not designated as hedging instruments:		
Interest rate contracts:		
Futures	\$ 47,222	\$ 12,668
Foreign exchange contracts:		
Forward, swap and spot	2,612,945	2,528,115
Options purchased	466	851
Options written	145	544
Futures	359	197
Other:		
Futures	155	125
Stable value contracts ⁽¹⁾	25,271	28,704
Deferred value awards ⁽²⁾	253	289
Derivatives designated as hedging instruments:		
Interest rate contracts:		
Swap agreements	33,302	20,333
Foreign exchange contracts:		
Forward and swap	10,260	9,777

⁽¹⁾ The notional value of the stable value contracts represents our maximum exposure. However, exposure to various stable value contracts is generally contractually limited to substantially lower amounts than the notional values.

⁽²⁾ Represents grants of deferred value awards to employees; refer to discussion in this note under "Derivatives Not Designated as Hedging Instruments."

Notional amounts are provided here as an indication of the volume of our derivative activity and serve as a reference to calculate the fair values of the derivative.

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The following table presents the fair value of derivative financial instruments, excluding the impact of master netting agreements, recorded in our consolidated statement of condition as of the dates indicated. Fair value measurement for derivatives is further discussed in Note 2, and the impact of master netting agreements is provided in Note 11.

(In millions)	Derivative Assets ⁽¹⁾		Derivative Liabilities ⁽²⁾	
	December 31, 2024	December 31, 2023	December 31, 2024	December 31, 2023
Derivatives not designated as hedging instruments:				
Foreign exchange contracts	\$ 29,116	\$ 19,498	\$ 28,904	\$ 19,153
Other derivative contracts	1	—	219	182
Total	\$ 29,117	\$ 19,498	\$ 29,123	\$ 19,335
Derivatives designated as hedging instruments:				
Foreign exchange contracts	\$ 323	\$ 196	\$ —	\$ 263
Interest rate contracts	28	13	1	4
Total	\$ 351	\$ 209	\$ 1	\$ 267

⁽¹⁾ Derivative assets are included within other assets in our consolidated statement of condition.

⁽²⁾ Derivative liabilities are included within other liabilities in our consolidated statement of condition.

The following table presents the impact of our use of derivative financial instruments on our consolidated statement of income for the periods indicated:

(In millions)	Location of Gain (Loss) on Derivative in Consolidated Statement of Income	Years Ended December 31,		
		2024	2023	2022
Amount of Gain (Loss) on Derivative Recognized in Consolidated Statement of Income				
Derivatives not designated as hedging instruments:				
Foreign exchange contracts	Foreign exchange trading services revenue	\$ 862	\$ 803	\$ 938
Foreign exchange contracts	Interest expense	274	(54)	(20)
Interest rate contracts	Foreign exchange trading services revenue	21	(2)	3
Other Derivative contracts	Other fee revenue	(12)	(3)	—
Interest rate contracts	Other fee revenue	—	—	1
Other derivative contracts ⁽¹⁾	Compensation and employee benefits	(189)	(121)	(89)
Total		\$ 956	\$ 623	\$ 833

⁽¹⁾ Amount in 2024 reflects a deferred compensation expense acceleration of \$79 million, related to prior period incentive compensation awards to align our deferred pay mix with peers.

The following tables show the carrying amount and associated cumulative basis adjustments related to the application of hedge accounting that is included in the carrying amount of hedged assets and liabilities in fair value hedging relationships:

(In millions)	Carrying Amount of Hedged Assets/Liabilities	December 31, 2024	
		Active	De-designated ⁽¹⁾
Cumulative Fair Value Hedging Adjustment Increasing (Decreasing) the carrying amount			
Long-term debt	\$ 15,951	\$ (323)	\$ 103
Available-for-sale securities ⁽²⁾⁽³⁾	18,666	(376)	1
December 31, 2023			
Cumulative Fair Value Hedging Adjustment Increasing (Decreasing) the carrying amount			
Long-term debt	\$ 12,463	\$ (340)	\$ 156
Available-for-sale securities ⁽²⁾⁽³⁾	11,260	(503)	3

⁽¹⁾ Represents hedged items no longer designated in qualifying fair value hedging relationships for which an associated basis adjustment exists at the balance sheet date.

⁽²⁾ Included in these amounts is the amortized cost of the financial assets designated in under the portfolio layer hedging relationships (hedged item is the hedged layer of a closed portfolio of financial assets expected to remain outstanding at the end of the hedging relationship). At December 31, 2024 and 2023, the amortized cost of the closed portfolios used in these hedging relationships was \$3.32 billion and \$685 million, respectively, of which \$1.82 billion and \$400 million, respectively, was designated under the portfolio layer hedging relationship. At December 31, 2024 and 2023, the cumulative adjustment associated with these hedging relationships was (\$26) million and (\$6) million, respectively.

⁽³⁾ Carrying amount represents amortized cost.

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As of December 31, 2024 and 2023, the total notional amount of the interest rate swaps of fair value hedges was \$31.12 billion and \$19.43 billion, respectively.

The following tables present the impact of our use of derivative financial instruments on our consolidated statement of income for the periods indicated:

(In millions)	Location of Gain (Loss) on Derivative in Consolidated Statement of Income	Years Ended December 31,			Hedged Item in Fair Value Hedging Relationship	Location of Gain (Loss) on Hedged Item in Consolidated Statement of Income	Years Ended December 31,		
		2024	2023	2022			2024	2023	2022
		Amount of Gain (Loss) on Derivative Recognized in Consolidated Statement of Income					Amount of Gain (Loss) on Hedged Item Recognized in Consolidated Statement of Income		
Derivatives designated as fair value hedges:									
Interest rate contracts	Net interest income	\$ (55)	\$ (164)	\$ 676	Available-for-sale securities ⁽¹⁾	Net interest income	\$ 55	\$ 164	\$ (676)
Interest rate contracts	Net interest income	17	202	(1,160)	Long-term debt	Net interest income	(17)	(202)	1,160
Foreign exchange contracts	Other fee revenue				Available-for-sale securities	Other fee revenue			
		21	—	—			(21)	—	—
Total		\$ (17)	\$ 38	\$ (484)			\$ 17	\$ (38)	\$ 484

⁽¹⁾ For the year ended December 31, 2024, approximately \$93 million of net unrealized losses on AFS investment securities designated in fair value hedges were recognized in OCI compared to approximately \$122 million of net unrealized losses in the same period of 2023.

(In millions)	Years Ended December 31,			Location of Gain or (Loss) Reclassified from Accumulated Other Comprehensive Income into Income	Years Ended December 31,		
	2024	2023	2022		2024	2023	2022
	Amount of Gain (Loss) Recognized in Other Comprehensive Income on Derivative				Amount of Gain (Loss) Reclassified from Accumulated Other Comprehensive Income into Income		
Derivatives designated as cash flow hedges:							
Interest rate contracts ⁽¹⁾	\$ (6)	\$ 14	\$ (598)	Net interest income	\$ (200)	\$ (210)	\$ (43)
Foreign exchange contracts	59	91	156	Net interest income	254	2	92
Total derivatives designated as cash flow hedges	\$ 53	\$ 105	\$ (442)		\$ 54	\$ (208)	\$ 49
Derivatives designated as net investment hedges:							
Foreign exchange contracts	\$ 540	\$ (89)	\$ 291		\$ —	\$ —	\$ —
Total derivatives designated as net investment hedges	540	(89)	291		—	—	—
Total	\$ 593	\$ 16	\$ (151)		\$ 54	\$ (208)	\$ 49

⁽¹⁾ As of December 31, 2024, the maximum maturity date of the underlying hedged items is approximately 5.0 years.

Derivatives Netting and Credit Contingencies

Netting

Derivatives receivable and payable as well as cash collateral from the same counterparty are netted in the consolidated statement of condition for those counterparties with whom we have legally binding master netting agreements in place. In addition to cash collateral received and transferred presented on a net basis, we also receive and transfer collateral in the form of securities, which mitigate credit risk but are not eligible for netting. Additional information on netting is provided in Note 11.

Credit Contingencies

Certain of our derivatives are subject to master netting agreements with our derivative counterparties containing credit risk-related contingent features, which requires us to maintain an investment grade credit rating with the various credit rating agencies. If our rating falls below investment grade, we would be in violation of the provisions, and counterparties to the derivatives could request immediate payment or demand full overnight collateralization on derivative instruments in liability positions. The aggregate fair value of all derivatives with credit contingent features and in a net liability position as of December 31, 2024 totaled approximately \$7.41 billion, against which we provided \$5.66 billion of collateral in the normal course of business. If our credit related contingent features underlying these agreements were triggered as of December 31, 2024, the maximum additional collateral we would be required to post to our counterparties is approximately \$1.75 billion.

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Note 11. Offsetting Arrangements

Certain of our transactions are subject to master netting agreements that allow us to net receivables and payables by contract and settlement type. For those legally enforceable contracts, we net receivables and payables with the same counterparty on our statement of condition.

In addition to netting receivables and payables with our derivatives counterparty where a legal and enforceable netting arrangement exists, we also net related cash collateral received and transferred up to the fair value exposure amount.

With respect to our securities financing arrangements, we net balances outstanding on our consolidated statement of condition for those transactions that met the netting requirements and were transacted under a legally enforceable netting arrangement with the counterparty.

Securities received as collateral under securities financing or derivatives transactions can be transferred as collateral in many instances. The securities received as proceeds under secured lending transactions are recorded at a value that approximates fair value in other assets in our consolidated statement of condition with a related liability to return the collateral, if we have the right to transfer or re-pledge the collateral.

As of December 31, 2024 and 2023, the value of securities received as collateral from third parties where we are permitted to transfer or re-pledge the securities totaled \$11.41 billion and \$10.67 billion, respectively, and the fair value of the portion that had been transferred or re-pledged as of the same dates was \$2.76 billion and \$6.41 billion, respectively.

The following tables present information about the offsetting of assets related to derivative contracts and secured financing transactions, as of the dates indicated:

Assets:	December 31, 2024				
	Gross Amounts of Recognized Assets ⁽¹⁾⁽²⁾	Gross Amounts Offset in Statement of Condition ⁽³⁾	Net Amounts of Assets Presented in Statement of Condition	Gross Amounts Not Offset in Statement of Condition	
				Cash and Securities Received ⁽⁴⁾	Net Amount ⁽⁵⁾
(In millions)					
Derivatives:					
Foreign exchange contracts	\$ 29,439	\$ (16,424)	\$ 13,015	\$ —	\$ 13,015
Interest rate contracts ⁽⁶⁾	28	(1)	27	—	27
Other derivative contracts	1	—	1	—	1
Cash collateral and securities netting	NA	(1,860)	(1,860)	(1,197)	(3,057)
Total derivatives	29,468	(18,285)	11,183	(1,197)	9,986
Other financial instruments:					
Resale agreements and securities borrowing ⁽⁷⁾⁽⁸⁾	276,151	(232,021)	44,130	(42,589)	1,541
Total derivatives and other financial instruments	\$ 305,619	\$ (250,306)	\$ 55,313	\$ (43,786)	\$ 11,527

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Assets:

December 31, 2023

(In millions)	December 31, 2023				
	Gross Amounts of Recognized Assets ⁽¹⁾⁽²⁾	Gross Amounts Offset in Statement of Condition ⁽³⁾	Net Amounts of Assets Presented in Statement of Condition	Gross Amounts Not Offset in Statement of Condition	
				Cash and Securities Received ⁽⁴⁾	Net Amount ⁽⁵⁾
Derivatives:					
Foreign exchange contracts	\$ 19,694	\$ (10,496)	\$ 9,198	\$ —	\$ 9,198
Interest rate contracts ⁽⁶⁾	13	—	13	—	13
Cash collateral and securities netting	NA	(3,904)	(3,904)	(1,069)	(4,973)
Total derivatives	19,707	(14,400)	5,307	(1,069)	4,238
Other financial instruments:					
Resale agreements and securities borrowing ⁽⁷⁾⁽⁸⁾	230,384	(200,561)	29,823	(28,016)	1,807
Total derivatives and other financial instruments	<u>\$ 250,091</u>	<u>\$ (214,961)</u>	<u>\$ 35,130</u>	<u>\$ (29,085)</u>	<u>\$ 6,045</u>

⁽¹⁾ Amounts include all transactions regardless of whether or not they are subject to an enforceable netting arrangement.

⁽²⁾ Refer to Note 1 and Note 2 for additional information about the measurement basis of derivative instruments.

⁽³⁾ Amounts subject to netting arrangements which have been determined to be legally enforceable and eligible for netting in the consolidated statement of condition.

⁽⁴⁾ Includes securities in connection with our securities borrowing transactions.

⁽⁵⁾ Includes amounts secured by collateral not determined to be subject to enforceable netting arrangements.

⁽⁶⁾ Variation margin payments presented as settlements rather than collateral.

⁽⁷⁾ Included in the \$44.13 billion as of December 31, 2024 were \$6.68 billion of resale agreements and \$37.45 billion of collateral provided related to securities borrowing. Included in the \$29.82 billion as of December 31, 2023 were \$6.69 billion of resale agreements and \$23.13 billion of collateral provided related to securities borrowing. Resale agreements and collateral provided related to securities borrowing were recorded in securities purchased under resale agreements and other assets, respectively, in our consolidated statement of condition. Refer to Note 12 for additional information with respect to principal securities finance transactions.

⁽⁸⁾ Offsetting of resale agreements primarily relates to our involvement in FICC, where we settle transactions on a net basis for payment and delivery through the Fedwire system.

^{NA} Not applicable

The following tables present information about the offsetting of liabilities related to derivative contracts and secured financing transactions, as of the dates indicated:

Liabilities:

December 31, 2024

(In millions)	December 31, 2024				
	Gross Amounts of Recognized Liabilities ⁽¹⁾⁽²⁾	Gross Amounts Offset in Statement of Condition ⁽³⁾	Net Amounts of Liabilities Presented in Statement of Condition	Gross Amounts Not Offset in Statement of Condition	
				Cash and Securities Received ⁽⁴⁾	Net Amount ⁽⁵⁾
Derivatives:					
Foreign exchange contracts	\$ 28,904	\$ (16,424)	\$ 12,480	\$ —	\$ 12,480
Interest rate contracts ⁽⁶⁾	1	(1)	—	—	—
Other derivative contracts	219	—	219	—	219
Cash collateral and securities netting	NA	(6,103)	(6,103)	(1,572)	(7,675)
Total derivatives	29,124	(22,528)	6,596	(1,572)	5,024
Other financial instruments:					
Repurchase agreements and securities lending ⁽⁷⁾⁽⁸⁾	250,032	(232,021)	18,011	(17,835)	176
Total derivatives and other financial instruments	<u>\$ 279,156</u>	<u>\$ (254,549)</u>	<u>\$ 24,607</u>	<u>\$ (19,407)</u>	<u>\$ 5,200</u>

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Liabilities:

December 31, 2023

(In millions)	December 31, 2023				
	Gross Amounts of Recognized Liabilities ⁽¹⁾⁽²⁾	Gross Amounts Offset in Statement of Condition ⁽³⁾	Net Amounts of Liabilities Presented in Statement of Condition	Gross Amounts Not Offset in Statement of Condition	
				Cash and Securities Received ⁽⁴⁾	Net Amount ⁽⁵⁾
Derivatives:					
Foreign exchange contracts	\$ 19,416	\$ (10,496)	\$ 8,920	\$ —	\$ 8,920
Interest rate contracts ⁽⁶⁾	4	—	4	—	4
Other derivative contracts	182	—	182	—	182
Cash collateral and securities netting	NA	(1,413)	(1,413)	(633)	(2,046)
Total derivatives	19,602	(11,909)	7,693	(633)	7,060
Other financial instruments:					
Repurchase agreements and securities lending ⁽⁷⁾⁽⁸⁾	214,362	(200,561)	13,801	(13,306)	495
Total derivatives and other financial instruments	<u>\$ 233,964</u>	<u>\$ (212,470)</u>	<u>\$ 21,494</u>	<u>\$ (13,939)</u>	<u>\$ 7,555</u>

⁽¹⁾ Amounts include all transactions regardless of whether or not they are subject to an enforceable netting arrangement.

⁽²⁾ Refer to Note 1 and Note 2 for additional information about the measurement basis of derivative instruments.

⁽³⁾ Amounts subject to netting arrangements which have been determined to be legally enforceable and eligible for netting in the consolidated statement of condition.

⁽⁴⁾ Includes securities provided in connection with our securities lending transactions.

⁽⁵⁾ Includes amounts secured by collateral not determined to be subject to enforceable netting arrangements.

⁽⁶⁾ Variation margin payments presented as settlements rather than collateral.

⁽⁷⁾ Included in the \$18.01 billion as of December 31, 2024 were \$3.68 billion of repurchase agreements and \$14.33 billion of collateral received related to securities lending transactions. Included in the \$13.80 billion as of December 31, 2023 were \$1.87 billion of repurchase agreements and \$11.93 billion of collateral received related to securities lending transactions. Repurchase agreements and collateral received related to securities lending were recorded in securities sold under repurchase agreements and accrued expenses and other liabilities, respectively, in our consolidated statement of condition. Refer to Note 12 for additional information with respect to principal securities finance transactions.

⁽⁸⁾ Offsetting of repurchase agreements primarily relates to our involvement in FICC, where we settle transactions on a net basis for payment and delivery through the Fedwire system.

^{NA} Not applicable

The securities transferred under resale and repurchase agreements typically are U.S. Treasury, agency and agency MBS. In our principal securities borrowing and lending arrangements, the securities transferred are predominantly equity securities and some corporate debt securities. The fair value of the securities transferred may increase in value to an amount greater than the amount received under our repurchase and securities lending arrangements, which exposes us to counterparty risk. We require the review of the price of the underlying securities in relation to the carrying value of the repurchase agreements and securities lending arrangements on a daily basis and when appropriate, adjust the cash or security to be obtained or returned to counterparties that is reflective of the required collateral levels.

The following table summarizes our repurchase agreements and securities lending transactions by category of collateral pledged and remaining maturity of these agreements as of the periods indicated:

(In millions)	As of December 31, 2024					As of December 31, 2023				
	Overnight and Continuous	Up to 30 Days	30-90 Days	Greater than 90 Days	Total	Overnight and Continuous	Up to 30 Days	30-90 Days	Greater than 90 Days	Total
Repurchase agreements:										
U.S. Treasury and agency securities	\$ 223,095	\$ 350	\$ 1,277	\$ 2,500	\$ 227,222	\$ 196,212	\$ —	\$ 185	\$ 1,360	\$ 197,757
Non-US sovereign debt	—	—	—	—	—	—	—	—	—	—
Total	<u>223,095</u>	<u>350</u>	<u>1,277</u>	<u>2,500</u>	<u>227,222</u>	<u>196,212</u>	<u>—</u>	<u>185</u>	<u>1,360</u>	<u>197,757</u>
Securities lending transactions:										
US Treasury and agency securities	152	—	—	—	152	6	—	—	—	6
Corporate debt securities	193	—	—	—	193	278	—	3	—	281
Equity securities	11,181	13	—	4,519	15,713	7,128	20	13	2,291	9,452
Other ⁽¹⁾	6,752	—	—	—	6,752	6,866	—	—	—	6,866
Total	<u>18,278</u>	<u>13</u>	<u>—</u>	<u>4,519</u>	<u>22,810</u>	<u>14,278</u>	<u>20</u>	<u>16</u>	<u>2,291</u>	<u>16,605</u>
Gross amount of recognized liabilities for repurchase agreements and securities lending	<u>\$ 241,373</u>	<u>\$ 363</u>	<u>\$ 1,277</u>	<u>\$ 7,019</u>	<u>\$ 250,032</u>	<u>\$ 210,490</u>	<u>\$ 20</u>	<u>\$ 201</u>	<u>\$ 3,651</u>	<u>\$ 214,362</u>

⁽¹⁾ Represents a security interest in underlying client assets related to our prime services business, which assets clients have allowed us to transfer and re-pledge.

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Note 12. Commitments and Guarantees

The following table presents the aggregate gross contractual amounts of our off-balance sheet commitments and guarantees, as of the dates indicated:

(In millions)	December 31, 2024	December 31, 2023
Commitments:		
Unfunded credit facilities	\$ 34,191	\$ 34,197
Guarantees⁽¹⁾:		
Indemnified securities financing	\$ 310,814	\$ 279,916
Standby letters of credit	908	1,510

⁽¹⁾ The potential losses associated with these guarantees equal the gross contractual amounts and do not consider the value of any collateral or reflect any participations to independent third parties.

Unfunded Credit Facilities

Unfunded credit facilities consist primarily of liquidity facilities provided to our fund and municipal counterparties, as well as commitments to purchase commercial real estate and leveraged loans that have not yet settled.

As of December 31, 2024, approximately 75% of our unfunded commitments to extend credit expire within one year. Since many of these commitments are expected to expire or renew without being drawn upon, the gross contractual amounts do not necessarily represent our future cash requirements.

Indemnified Securities Financing

On behalf of our clients, we lend their securities, as agent, to brokers and other institutions. In most circumstances, we indemnify our clients for the fair market value of those securities against a failure of the borrower to return such securities. We require the borrowers to maintain collateral in an amount in excess of 100% of the fair market value of the securities borrowed. Securities on loan and the collateral are revalued daily to determine if additional collateral is necessary or if excess collateral is required to be returned to the borrower. Collateral received in connection with our securities lending services is held by us as agent and is not recorded in our consolidated statement of condition.

The cash collateral held by us as agent is invested on behalf of our clients. In certain cases, the cash collateral is invested in third-party repurchase agreements, for which we indemnify the client against the loss of the principal invested. We require the counterparty to the indemnified repurchase agreement to provide collateral in an amount in excess of 100% of the amount of the repurchase agreement. In our role as agent, the indemnified repurchase agreements and the related collateral held by us are not recorded in our consolidated statement of condition.

The following table summarizes the aggregate fair values of indemnified securities financing and related collateral, as well as collateral invested in indemnified repurchase agreements, as of the dates indicated:

(In millions)	December 31, 2024	December 31, 2023
Fair value of indemnified securities financing	\$ 310,814	\$ 279,916
Fair value of cash and securities held by us, as agent, as collateral for indemnified securities financing	325,611	293,855
Fair value of collateral for indemnified securities financing invested in indemnified repurchase agreements	63,655	59,028
Fair value of cash and securities held by us or our agents as collateral for investments in indemnified repurchase agreements	68,507	63,105

In certain cases, we participate in securities finance transactions as a principal. As a principal, we borrow securities from the lending client and then lend such securities to the subsequent borrower, either our client or a broker/dealer. Our right to receive and obligation to return collateral in connection with our securities lending transactions are recorded in other assets and other liabilities, respectively, in our consolidated statement of condition. As of December 31, 2024 and 2023, we had approximately \$37.45 billion and \$23.13 billion, respectively, of collateral provided and approximately \$14.33 billion and \$11.93 billion, respectively, of collateral received from clients in connection with our participation in principal securities finance transactions.

Stable Value Protection

Stable value funds wrapped by us are high quality diversified portfolios of short intermediate duration fixed-income investments. Stable value contracts are derivative contracts that also qualify as guarantees. The notional amount under non-hedging derivatives, provided in Note 10, generally represents our maximum exposure under these derivatives contracts. However, exposure to various stable value contracts is contractually limited to substantially lower amounts than the notional values, which represent the total assets of the stable value funds.

Standby Letters of Credit

Standby letters of credit provide credit enhancement to our municipal clients to support the issuance of capital markets financing.

FICC Guarantee

As a sponsoring member in the FICC member program, we provide a guarantee to FICC in the event a customer fails to perform its obligations under a transaction. In order to minimize the risk associated with this guarantee, sponsored members acting as buyers generally grant a security interest in the

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subject securities received under and held on their behalf by State Street.

Additionally, as a member of certain industry clearing and settlement exchanges, we may be required to pay a pro rata share of the losses incurred by the organization and provide liquidity support in the event of the default of another member to the extent that the defaulting member's clearing fund obligation and the prescribed loss allocation is depleted. It is difficult to estimate our maximum possible exposure under the membership agreements, since this would require an assessment of future claims that may be made against us that have not yet occurred. At both December 31, 2024 and 2023, we did not record any liabilities under these arrangements.

For additional information on our repurchase and reverse repurchase agreements, please refer to Note 11 to the consolidated financial statements in this Form 10-K.

Note 13. Contingencies

Legal and Regulatory Matters

In the ordinary course of business, we and our subsidiaries are involved in disputes, litigation, and governmental or regulatory inquiries and investigations, both pending and threatened. These matters, if resolved adversely against us or settled, may result in monetary awards or payments, fines and penalties or require changes in our business practices. The resolution or settlement of these matters is inherently difficult to predict. Based on our assessment of these pending matters, we do not believe that the amount of any judgment, settlement or other action arising from any pending matter is likely to have a material adverse effect on our consolidated financial condition. However, an adverse outcome or development in certain of the matters described below could have a material adverse effect on our consolidated results of operations for the period in which such matter is resolved, or an accrual is determined to be required, on our consolidated financial condition, or on our reputation.

We evaluate our needs for accruals of loss contingencies related to legal and regulatory proceedings on a case-by-case basis. When we have a liability that we deem probable, and we deem the amount of such liability can be reasonably estimated as of the date of our consolidated financial statements, we accrue our estimate of the amount of loss. We also consider a loss probable and establish an accrual when we make, or intend to make, an offer of settlement. Once established, an accrual is subject to subsequent adjustment as a result of additional information. The resolution of legal and regulatory proceedings and the amount of reasonably estimable

loss (or range thereof) are inherently difficult to predict, especially in the early stages of proceedings. Even if a loss is probable, an amount (or range) of loss might not be reasonably estimated until the later stages of the proceeding due to many factors such as the presence of complex or novel legal theories, the discretion of governmental authorities in seeking sanctions or negotiating resolutions in civil and criminal matters, the pace and timing of discovery and other assessments of facts and the procedural posture of the matter (collectively, "factors influencing reasonable estimates").

As of December 31, 2024, our aggregate accruals for loss contingencies for legal, regulatory and related matters totaled approximately \$15 million, including potential fines by government agencies and civil litigation with respect to the matters specifically discussed below. To the extent that we have established accruals in our consolidated statement of condition for probable loss contingencies, such accruals may not be sufficient to cover our ultimate financial exposure associated with any settlements or judgments. Any such ultimate financial exposure, or proceedings to which we may become subject in the future, could have a material adverse effect on our businesses, on our future consolidated financial statements or on our reputation.

As of December 31, 2024, for those matters for which we have accrued probable loss contingencies and for other matters for which loss is reasonably possible (but not probable) in future periods, and for which we are able to estimate a range of reasonably possible loss, our estimate of the aggregate reasonably possible loss (in excess of any accrued amounts) ranges up to approximately \$30 million. Our estimate with respect to the aggregate reasonably possible loss is based upon currently available information and is subject to significant judgment and a variety of assumptions and known and unknown uncertainties, which may change quickly and significantly from time to time, particularly if and as we engage with applicable governmental agencies or plaintiffs in connection with a proceeding. Also, the matters underlying the reasonably possible loss will change from time to time. As a result, actual results may vary significantly from the current estimate.

In certain pending matters, it is not currently feasible to reasonably estimate the amount or a range of reasonably possible loss, and such losses, which may be significant, are not included in the estimate of reasonably possible loss discussed above. This is due to, among other factors, the factors influencing reasonable estimates described above. An adverse outcome in one or more of the matters for which we have not estimated the amount or a range of reasonably possible loss, individually or in the aggregate, could have a material adverse effect

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on our businesses, on our future consolidated financial statements or on our reputation. Given that our actual losses from any legal or regulatory proceeding for which we have provided an estimate of the reasonably possible loss could significantly exceed such estimate, and given that we cannot estimate reasonably possible loss for all legal and regulatory proceedings as to which we may be subject now or in the future, no conclusion as to our ultimate exposure from current pending or potential legal or regulatory proceedings should be drawn from the current estimate of reasonably possible loss.

The following discussion provides information with respect to significant legal, governmental and regulatory matters.

Gomes, et al. v. State Street Corp.

Eight participants in our Salary Savings Program filed a purported class action complaint in May 2021 on behalf of participants and beneficiaries who participated in the program and invested in our proprietary investment fund options between May 2015 and April 3, 2024. The complaint named the plan sponsor as well as the committees overseeing the plan and their respective members as defendants, and alleged breach of fiduciary duty and violations of other duties owed to retirement plan participants under ERISA. We resolved this matter at a cost that was within our established accruals for loss contingencies.

Edmar Financial Company, LLC et al v. Currenex, Inc. et al

In August 2021, two former Currenex clients filed a putative civil class action lawsuit in the Southern District of New York alleging antitrust violations, fraud and a civil Racketeer Influenced and Corrupt Organization Act violation against Currenex, State Street and others.

Pension Risk Transfer Litigation

State Street Global Advisors Trust Company (“SSGA”) is named as a defendant in a series of purported class action complaints filed by participants in pension plans where, in each case, SSGA was hired as independent fiduciary on behalf of the pension plan to conduct an ERISA-compliant due diligence review of potential insurers who could assume the plan’s liabilities and satisfy its payment obligations through the purchase of a group annuity contract, consistent with DOL guidance. The complaints, collectively, allege violations of ERISA’s fiduciary and prohibited transaction rules against SSGA, the plan sponsors, and others.

German Tax Matter

In connection with a routine audit including the period 2013-2015, German tax authorities have questioned whether State Street should have

withheld and be secondarily liable for certain taxes on dividends paid on securities of German issuers held as collateral over dividend record dates in client lending transactions with counterparties outside of Germany.

OFAC Matter

In June 2024, State Street entered into a settlement agreement with the U.S. Department of Treasury’s OFAC to resolve its investigation into apparent violations of OFAC’s Ukraine-/Russia-Related Sanctions Regulations. In connection with the settlement, we paid a civil monetary penalty of \$7.45 million and made certain compliance commitments.

State of Texas et al v. Blackrock, Inc. et al

In November 2024, eleven state Attorneys General filed a complaint in Federal Court in the Eastern District of Texas against State Street, BlackRock and Vanguard, alleging antitrust violations on the theory that the three companies conspired to artificially suppress coal supply, resulting in harm to American consumers in the form of higher electricity costs.

Income Taxes

In determining our provision for income taxes, we make certain judgments and interpretations with respect to tax laws in jurisdictions in which we have business operations. Because of the complex nature of these laws, in the normal course of our business, we are subject to challenges from U.S. and non-U.S. income tax authorities regarding the amount of income taxes due. These challenges may result in adjustments to the timing or amount of taxable income or deductions or the allocation of taxable income among tax jurisdictions. We recognize a tax benefit when it is more likely than not that our position will result in a tax deduction or credit. Unrecognized tax benefits were approximately \$237 million as of both December 31, 2024 and December 31, 2023.

We are presently under audit by a number of tax authorities. The earliest tax year open to examination in jurisdictions where we have material operations is 2017. Management believes that we have sufficiently accrued liabilities as of December 31, 2024 for potential tax exposures.

Note 14. Variable Interest Entities

We are involved, in the normal course of our business, with various types of special purpose entities, some of which meet the definition of VIEs. When evaluating a VIE for consolidation, we must determine whether or not we have a variable interest in the entity. Variable interests are investments or other interests that absorb portions of an entity’s expected losses or receive portions of the entity’s expected returns. If it is determined that we do not

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have a variable interest in the VIE, no further analysis is required and we do not consolidate the VIE. If we hold a variable interest in a VIE, we are required by U.S. GAAP to consolidate that VIE when we have a controlling financial interest in the VIE and therefore are deemed to be the primary beneficiary. We are determined to have a controlling financial interest in a VIE when we have both the power to direct the activities of the VIE that most significantly impact the VIE's economic performance and the obligation to absorb losses or the right to receive benefits of the VIE that could potentially be significant to that VIE. This determination is evaluated periodically as facts and circumstances change.

Asset-Backed Investment Securities

We invest in various forms of ABS, which we carry in our investment securities portfolio. These ABS meet the U.S. GAAP definition of asset securitization entities, which are considered to be VIEs. We are not considered to be the primary beneficiary of these VIEs since we do not have control over their activities. Additional information about our ABS is provided in Note 3.

Interests in Investment Funds

In the normal course of business, we manage various types of investment funds through State Street Global Advisors in which our clients are investors, including State Street Global Advisors commingled investment vehicles and other similar investment structures. The majority of our AUM are contained within such funds. The services we provide to these funds generate management fee revenue. From time to time, we may invest cash in the funds in order for the funds to establish a performance history for newly-launched strategies, referred to as seed capital, or for other purposes.

With respect to our interests in funds that meet the definition of a VIE, a primary beneficiary assessment is performed to determine if we have a controlling financial interest. As part of our assessment, we consider all the facts and circumstances regarding the terms and characteristics of the variable interest(s), the design and characteristics of the fund and the other involvements of the enterprise with the fund. If consolidation of certain funds is required, we retain the specialized investment company accounting rules followed by the underlying funds. When we no longer control these funds due to a reduced ownership interest or other reasons, the funds are de-consolidated and accounted for under another accounting method if we continue to maintain investments in the funds.

As of both December 31, 2024 and 2023, we had no consolidated funds. As of December 31, 2024

and 2023, we managed certain funds, considered VIEs, in which we held a variable interest but for which we were not deemed to be the primary beneficiary. Our potential maximum loss exposure related to these unconsolidated funds totaled \$19 million and \$18 million as of December 31, 2024 and 2023, respectively, and represented the carrying value of our investments, which are recorded in other assets in our consolidated statement of condition. The amount of loss we may recognize during any period is limited to the carrying amount of our investments in the unconsolidated funds.

Our conclusion to consolidate a fund may vary from period to period, most commonly as a result of fluctuation in our ownership interest as a result of changes in the number of fund shares held by either us or by third parties. Given that the funds follow specialized investment company accounting rules which prescribe fair value, a de-consolidation generally would not result in gains or losses for us.

The net assets of any consolidated fund are solely available to settle the liabilities of the fund and to settle any investors' ownership redemption requests, including any seed capital invested in the fund by us. We are not contractually required to provide financial or any other support to any of our funds. In addition, neither creditors nor equity investors in the funds have any recourse to our general credit.

We also held investments in low-income housing, production and investment tax credit entities, considered VIEs for which we were not deemed to be the primary beneficiary. As of December 31, 2024 and 2023, our potential maximum loss exposure related to these unconsolidated entities totaled \$1.10 billion and \$1.33 billion, respectively, most of which represented the carrying value of our investments, which are recorded in other assets in our consolidated statement of condition.

We account for our low-income housing tax credit investments (LIHTC) and production tax credit investments under the proportional amortization method. Under the proportional amortization method, the initial cost of the investment is amortized based on a percentage of the actual income tax credits and other income tax benefits allocated in the current period versus the total estimated income tax credits and other income tax benefits expected to be received over the life of the investment. The net benefit, representing the difference between amortization of the investment balance, recognition of the income tax credits and recognition of other income tax benefits from the investment is recognized as a component of income tax expense.

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As of December 31, 2024, we had investments in LIHTC and production tax credit investments of \$705 million and \$291 million, respectively, which are included in other assets in our consolidated statement of condition. Contingent contributions related to the renewable energy production tax credit investments were \$42 million at December 31, 2024. These contributions are contingent on production and expected to be paid through 2034. Deferred contributions related to LIHTC investments were \$110 million at December 31, 2024. These deferred contributions are payable in accordance with the respective agreements and are expected to be paid through 2042.

The following table presents the impact of our tax credit programs for which we have elected to apply proportional amortization accounting on our consolidated statement of income for the periods indicated:

(In millions)	Years Ended December 31,	
	2024	2023
Income (loss) recorded on investments within other fee revenue	\$ 29	\$ 26
Income recorded in total revenue	29	26
Tax credits and benefits recognized in income tax expense	256	239
Proportional amortization recognized in income tax expense	(207)	(182)
Net benefits included in income tax expense	49	57
Net benefit attributable to tax-advantaged investments included in the consolidated statement of income for which proportional amortization has been elected	\$ 78	\$ 83

Note 15. Shareholders' Equity

Preferred Stock

The following table summarizes selected terms of each of the series of the preferred stock issued and outstanding as of December 31, 2024:

Preferred Stock ⁽¹⁾	Issuance Date	Depository Shares Issued	Ownership Interest Per Depository Share	Liquidation Preference Per Share	Liquidation Preference Per Depository Share	Per Annum Dividend Rate	Dividend Payment Frequency	Carrying Value as of December 31, 2024 (In millions)	Redemption Date ⁽²⁾
Series G	April 2016	20,000,000	1/4,000th	100,000	25	5.35% ⁽³⁾	Quarterly	\$ 493	March 15, 2026
Series I	January 2024	1,500,000	1/100th	100,000	1,000	6.700% through March 14, 2029; resets March 15, 2029 and every subsequent five year anniversary at the five-year U.S. Treasury rate plus 2.613%	Quarterly	1,481	March 15, 2029
Series J	July 2024	850,000	1/100th	100,000	1,000	6.700% through September 14, 2029; resets September 15, 2029 and every subsequent five year anniversary at the five-year U.S. Treasury rate plus 2.628%	Quarterly	842	September 15, 2029

⁽¹⁾ The preferred stock and corresponding depository shares may be redeemed at our option in whole, but not in part, prior to the redemption date upon the occurrence of a regulatory capital treatment event, as defined in the certificate of designation, at a redemption price equal to the liquidation price per share and liquidation price per depository share plus any declared and unpaid dividends, without accumulation of any undeclared dividends.

⁽²⁾ On the redemption date, or any dividend payment date thereafter, the preferred stock and corresponding depository shares may be redeemed by us, in whole or in part, at the liquidation price per share and liquidation price per depository share plus any declared and unpaid dividends, without accumulation of any undeclared dividends.

⁽³⁾ The dividend rate for the floating rate period of the Series G preferred stock that begins on March 15, 2026 and all subsequent floating rate periods will remain at the current fixed rate in accordance with the LIBOR Act and the contractual terms of the Series G preferred stock.

On January 31, 2024, we issued 1.5 million depository shares, each representing a 1/100th ownership interest in a share of fixed rate reset, non-cumulative perpetual preferred stock, Series I, without par value per share, with a liquidation preference of \$100,000 per share (equivalent to \$1,000 per depository share), in a public offering. The aggregate proceeds, net of underwriting discounts, commissions and other issuance costs, were approximately \$1.5 billion.

On March 15, 2024, we redeemed an aggregate \$1.0 billion, or all 7,500 outstanding shares, of our non-cumulative perpetual preferred stock, Series D (represented by 30,000,000 depository shares), for a cash redemption price of \$100,000 per share (equivalent to \$25 per depository share), plus all declared and unpaid dividends and all 2,500 of the outstanding shares of our noncumulative perpetual preferred stock, Series F (represented by 250,000 depository shares), for a cash redemption price of \$100,000 per share (equivalent to \$1,000 per depository share) plus all declared and unpaid dividends.

On July 24, 2024, we issued 850,000 depository shares, each representing 1/100th ownership interest in shares of fixed rate reset, non-cumulative perpetual preferred stock, Series J, without par value per share, with a liquidation preference of \$100,000 per share (equivalent to \$1,000 per depository share), in a public offering. The aggregate proceeds, net of underwriting discounts, commissions and other issuance costs, were approximately \$842 million.

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On September 16, 2024, we redeemed an aggregate \$500 million, or all 5,000 outstanding shares, of our non-cumulative perpetual preferred stock, Series H (represented by 500,000 depository shares), for a cash redemption price of \$100,000 per share (equivalent to \$1,000 per depository share), plus all declared and unpaid dividends.

On February 6, 2025, we issued 750,000 depository shares, each representing a 1/100th ownership interest in a share of fixed rate reset, non-cumulative perpetual preferred stock, Series K, without par value per share, with a liquidation preference of \$100,000 per share (equivalent to \$1,000 per depository share), in a public offering. The aggregate proceeds, net of underwriting discounts, commissions and other issuance costs, were approximately \$743 million. Dividends on the Series K Preferred Stock will be payable quarterly at an initial rate of 6.450% per annum commencing on June 15, 2025, with the first dividend payable on a pro-rata basis. Our preferred stock dividends, including the declaration, timing and amount thereof, are subject to consideration and approval by the Board at the relevant times.

The following table presents the dividends declared for each of the series of preferred stock issued and outstanding for the periods indicated:

(Dollars in millions, except per share amounts)	Years Ended December 31,					
	2024			2023		
	Dividends Declared per Share	Dividends Declared per Depository Share	Total	Dividends Declared per Share	Dividends Declared per Depository Share	Total
Preferred Stock:						
Series D	\$ 1,475	\$ 0.37	\$ 11	\$ 5,900	\$ 1.48	\$ 44
Series F	2,336	23.36	6	8,935	89.35	23
Series G	5,350	1.34	27	5,350	1.34	27
Series H	6,251	62.51	31	5,625	56.25	28
Series I	5,863	58.63	88	—	—	—
Series J	2,643	26.43	22	—	—	—
Total			<u>\$ 185</u>			<u>\$ 122</u>

Common Stock

On January 19, 2024, we announced a new common share repurchase program, approved by our Board and superseding all prior programs, authorizing the purchase of up to \$5.0 billion of our common stock beginning in the first quarter of 2024 with no set expiration date the “2024 Program”). During 2024, we repurchased \$1.3 billion of our common stock under the 2024 Program and expect common share repurchases to continue under this program during 2025.

In 2023, we repurchased \$3.8 billion of our common stock under the previously approved common share repurchase program authorizing the purchase of up to \$4.5 billion of our common stock through December 31, 2023 (the “2023 Program”).

The tables below present the activity under our common share repurchase program for the period indicated:

	Years Ended December 31,					
	2024			2023		
	Shares Acquired (In millions)	Average Cost per Share	Total Acquired (In millions)	Shares Acquired (In millions)	Average Cost per Share	Total Acquired (In millions)
2024 Program	15.1	\$ 85.89	\$ 1,300	—	\$ —	\$ —
2023 Program	—	—	—	49.2	77.22	3,800

The table below presents the dividends declared on common stock for the periods indicated:

	Years Ended December 31,			
	2024		2023	
	Dividends Declared per Share	Total (In millions)	Dividends Declared per Share	Total (In millions)
Common Stock	\$ 2.90	\$ 859	\$ 2.64	\$ 837

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Accumulated Other Comprehensive Income (Loss)

The following table presents the after-tax components of AOCI and changes for the periods indicated, net of related taxes:

(In millions)	Net Unrealized Gains (Losses) on Cash Flow Hedges	Net Unrealized Gains (Losses) on Investment Securities ⁽¹⁾	Net Unrealized Losses on Retirement Plans	Foreign Currency Translation	Net Unrealized Gains (Losses) on Hedges of Net Investments in Non-U.S. Subsidiaries	Total
Balance as of December 31, 2021	\$ (2)	\$ (50)	\$ (130)	\$ (1,019)	\$ 68	\$ (1,133)
Other comprehensive income (loss) before reclassifications	(321)	(1,937)	(1)	(732)	291	(2,700)
Increase (decrease) due to amounts reclassified from accumulated other comprehensive income	(36)	170	(12)	—	—	122
Other comprehensive income (loss)	(357)	(1,767)	(13)	(732)	291	(2,578)
Balance as of December 31, 2022	\$ (359)	\$ (1,817)	\$ (143)	\$ (1,751)	\$ 359	\$ (3,711)
Other comprehensive income (loss) before reclassifications	75	442	(3)	351	(90)	775
Increase (decrease) due to amounts reclassified from accumulated other comprehensive income	153	428	1	—	—	582
Other comprehensive income (loss)	228	870	(2)	351	(90)	1,357
Balance as of December 31, 2023	\$ (131)	\$ (947)	\$ (145)	\$ (1,400)	\$ 269	\$ (2,354)
Other comprehensive income (loss) before reclassifications	39	15	14	(768)	540	(160)
Increase (decrease) due to amounts reclassified from accumulated other comprehensive income	(40)	452	2	—	—	414
Other comprehensive income (loss)	(1)	467	16	(768)	540	254
Balance as of December 31, 2024	<u>\$ (132)</u>	<u>\$ (480)</u>	<u>\$ (129)</u>	<u>\$ (2,168)</u>	<u>\$ 809</u>	<u>\$ (2,100)</u>

⁽¹⁾ Includes after-tax net unamortized unrealized gains (losses) of (\$374) million, (\$530) million and (\$749) million as of December 31, 2024, 2023 and 2022, respectively, related to AFS investment securities previously transferred to HTM.

The following table presents after-tax reclassifications into earnings for the periods indicated:

(In millions)	Years Ended December 31,			Affected Line Item in Consolidated Statement of Income
	2024	2023	2022	
Investment securities:	Amounts Reclassified into Earnings			
Net realized (gains) losses from sales of available-for-sale securities, net of related taxes of \$21, \$81 and \$1 respectively	\$ 59	\$ 213	\$ 1	Net gains (losses) from sales of available-for-sale securities
Losses reclassified from accumulated other comprehensive income into income, net of related taxes of \$137, \$81 and \$96 respectively	393	215	169	Net interest income
Cash flow hedges:				
(Gains) losses reclassified from accumulated other comprehensive income into income, net of related taxes of (\$14), \$55 and (\$13) respectively	(40)	153	(36)	Net interest income
Retirement plans:				
Amortization of actuarial losses, net of related taxes of nil, nil and \$(1) respectively	2	1	(12)	Compensation and employee benefits expenses
Total amounts reclassified from accumulated other comprehensive income	<u>\$ 414</u>	<u>\$ 582</u>	<u>\$ 122</u>	

Note 16. Regulatory Capital

We are subject to various regulatory capital requirements administered by federal banking agencies. Failure to meet minimum regulatory capital requirements can initiate certain mandatory and discretionary actions by regulators that, if undertaken, could have a direct material effect on our consolidated financial condition. Under current regulatory capital adequacy guidelines, we must meet specified capital requirements that involve quantitative measures of our consolidated assets, liabilities and off-balance sheet exposures calculated in conformity with regulatory accounting practices. Our capital components and their classifications are subject to qualitative judgments by regulators about components, risk weightings and other factors.

As required by the Dodd-Frank Act, we and State Street Bank, as advanced approaches banking organizations, are subject to a "capital floor" in the calculation and assessment of regulatory capital adequacy by the U.S. Agencies. Beginning on January 1, 2015, we were required to calculate our risk-based capital ratios using both the advanced approaches and the standardized approach. As a result, from January 1, 2015 going forward, our risk-based capital ratios for regulatory assessment purposes are the lower of each ratio calculated under the standardized approach and the advanced approaches.

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As of December 31, 2024, we and State Street Bank exceeded all regulatory capital adequacy requirements to which we were subject. As of December 31, 2024, State Street Bank was categorized as “well capitalized” under the applicable regulatory capital adequacy framework, and exceeded all “well capitalized” ratio guidelines to which it was subject. Management believes that no conditions or events have occurred since December 31, 2024 that have changed the capital categorization of State Street Bank.

The following table presents the regulatory capital structure, total RWA, related regulatory capital ratios and the minimum required regulatory capital ratios for us and State Street Bank as of the dates indicated.

	State Street Corporation				State Street Bank					
	Basel III Advanced Approaches December 31, 2024	Basel III Standardized Approach December 31, 2024	Basel III Advanced Approaches December 31, 2023	Basel III Standardized Approach December 31, 2023	Basel III Advanced Approaches December 31, 2024	Basel III Standardized Approach December 31, 2024	Basel III Advanced Approaches December 31, 2023	Basel III Standardized Approach December 31, 2023		
(Dollars in millions)										
Common shareholders' equity:										
Common stock and related surplus	\$ 11,226	\$ 11,226	\$ 11,245	\$ 11,245	\$ 13,333	\$ 13,333	\$ 13,033	\$ 13,033		
Retained earnings	29,582	29,582	27,957	27,957	15,977	15,977	14,454	14,454		
Accumulated other comprehensive income (loss)	(2,100)	(2,100)	(2,354)	(2,354)	(1,805)	(1,805)	(2,097)	(2,097)		
Treasury stock, at cost	(16,198)	(16,198)	(15,025)	(15,025)	—	—	—	—		
Total	22,510	22,510	21,823	21,823	27,505	27,505	25,390	25,390		
Regulatory capital adjustments:										
Goodwill and other intangible assets, net of associated deferred tax liabilities	(8,320)	(8,320)	(8,470)	(8,470)	(8,054)	(8,054)	(8,208)	(8,208)		
Other adjustments ⁽¹⁾	(391)	(391)	(382)	(382)	(278)	(278)	(298)	(298)		
Common equity tier 1 capital	13,799	13,799	12,971	12,971	19,173	19,173	16,884	16,884		
Preferred stock	2,816	2,816	1,976	1,976	—	—	—	—		
Tier 1 capital	16,615	16,615	14,947	14,947	19,173	19,173	16,884	16,884		
Qualifying subordinated long-term debt	1,861	1,861	1,870	1,870	530	530	536	536		
Adjusted allowance for credit losses	—	183	—	150	—	183	—	150		
Total capital	\$ 18,476	\$ 18,659	\$ 16,817	\$ 16,967	\$ 19,703	\$ 19,886	\$ 17,420	\$ 17,570		
Risk-weighted assets:										
Credit risk ⁽²⁾	\$ 63,252	\$ 124,281	\$ 61,210	\$ 109,228	\$ 57,883	\$ 121,785	\$ 54,942	\$ 107,067		
Operational risk ⁽³⁾	49,350	NA	43,768	NA	47,538	NA	42,297	NA		
Market risk	2,000	2,000	2,475	2,475	2,000	2,000	2,475	2,475		
Total risk-weighted assets	\$ 114,602	\$ 126,281	\$ 107,453	\$ 111,703	\$ 107,421	\$ 123,785	\$ 99,714	\$ 109,542		
Adjusted quarterly average assets	\$ 318,470	\$ 318,470	\$ 269,807	\$ 269,807	\$ 314,754	\$ 314,754	\$ 266,818	\$ 266,818		
Capital Ratios:										
	2024 Minimum Requirements ⁽⁴⁾	2023 Minimum Requirements ⁽⁴⁾								
Common equity tier 1 capital	8.0 %	8.0 %	12.0 %	10.9 %	12.1 %	11.6 %	17.8 %	15.5 %	16.9 %	15.4 %
Tier 1 capital	9.5	9.5	14.5	13.2	13.9	13.4	17.8	15.5	16.9	15.4
Total capital	11.5	11.5	16.1	14.8	15.7	15.2	18.3	16.1	17.5	16.0
Tier 1 leverage ⁽⁵⁾	4.0	4.0	5.2	5.2	5.5	5.5	6.1	6.1	6.3	6.3

⁽¹⁾ Other adjustments within CET1 capital primarily include disallowed deferred tax assets, cash flow hedges that are not recognized at fair value on the balance sheet, and the overfunded portion of our defined benefit pension plan obligation net of associated deferred tax liabilities.

⁽²⁾ Under the advanced approaches, credit risk RWA includes a CVA which reflects the risk of potential fair value adjustments for credit risk reflected in our valuation of OTC derivative contracts. We used a simple CVA approach in conformity with the Basel III advanced approaches.

⁽³⁾ Under the current advanced approaches rules and regulatory guidance concerning operational risk models, RWA attributable to operational risk can vary substantially from period-to-period, without direct correlation to the effects of a particular loss event on our results of operations and financial condition and impacting dates and periods that may differ from the dates and periods as of and during which the loss event is reflected in our financial statements, with the timing and categorization dependent on the processes for model updates and, if applicable, model revalidation and regulatory review and related supervisory processes. An individual loss event can have a significant effect on the output of our operational RWA under the advanced approaches depending on the severity of the loss event and its categorization among the seven Basel-defined UOMs.

⁽⁴⁾ Minimum requirements include a CCB of 2.5% and a SCB of 2.5% for the advanced approaches and the standardized approach, respectively, a G-SIB surcharge of 1.0% and a countercyclical buffer of 0%. On June 26, 2024, we were notified by the Federal Reserve of the results from the 2024 supervisory stress test. Our SCB calculated under the 2024 supervisory stress test was well below the 2.5% minimum, resulting in an SCB at that floor, which remains in effect for the period from October 1, 2024 through September 30, 2025.

⁽⁵⁾ State Street Bank is required to maintain a minimum Tier 1 leverage ratio of 5% as it is the insured depository institution subsidiary of State Street Corporation, a U.S. G-SIB.

^{NA} Not applicable

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Note 17. Net Interest Income

The following table presents the components of interest income and interest expense, and related NII, for the periods indicated:

(In millions)	Years Ended December 31,		
	2024	2023	2022
Interest income:			
Interest-bearing deposits with banks	\$ 3,634	\$ 2,869	\$ 842
Investment securities:			
Investment securities available-for-sale	2,680	1,744	724
Investment securities held-to-maturity	1,090	1,262	979
Total investment securities	3,770	3,006	1,703
Securities purchased under resale agreements	686	312	188
Loans	2,271	1,862	972
Other interest-earning assets	1,616	1,131	383
Total interest income	11,977	9,180	4,088
Interest expense:			
Interest-bearing deposits	6,627	4,991	967
Securities sold under repurchase agreements	156	34	14
Federal funds purchased	—	3	—
Short-term borrowings	577	40	26
Long-term debt	1,086	888	376
Other interest-bearing liabilities	608	465	161
Total interest expense	9,054	6,421	1,544
Net interest income	\$ 2,923	\$ 2,759	\$ 2,544

Note 18. Equity-Based Compensation

We record compensation expense for equity-based awards, such as deferred stock and performance awards, based on the closing price of our common stock on the date of grant, adjusted if appropriate, based on the eligibility of the award to receive dividends.

Compensation expense related to equity-based and cash-settled stock awards with service-only conditions and terms that provide for a graded vesting schedule is recognized on a straight-line basis over the required service period for the entire award. Compensation expense related to equity-based awards with performance conditions and terms that provide for a graded vesting schedule is recognized over the requisite service period for each separately vesting tranche of the award, and is based on the probable outcome of the performance conditions at each reporting date. Compensation expense is adjusted for assumptions with respect to the estimated amount of awards that will be forfeited prior to vesting, and for employees who have met certain retirement eligibility criteria. Compensation expense for common stock awards granted to employees meeting early retirement eligibility criteria is fully expensed on the grant date.

Dividend equivalents for certain equity-based awards are paid on stock units on a current basis prior to vesting and distribution.

The 2017 Stock Incentive Plan, or 2017 Plan, was amended and restated and approved by shareholders in May 2023 for issuance of stock and stock based awards. Awards may be made under the 2017 Plan for (i) up to 15.1 million shares of common stock plus (ii) up to an additional 28.5 million shares that were available to be issued under the 2006 Equity Incentive Plan, or 2006 Plan, or may become available for issuance under the 2006 Plan due to expiration, termination, cancellation, forfeiture or repurchase of awards granted under the 2006 Plan. As of December 31, 2024, a total of 20.8 million shares from the 2006 Plan have been added to and may be issued from the 2017 Plan. As of December 31, 2024, a cumulative total of 24.7 million shares have been awarded under the 2017 Plan, compared to cumulative totals of 21.7 million shares and 18.7 million shares as of December 31, 2023 and 2022, respectively.

The 2017 Plan allows for shares withheld in payment of the exercise price of an award or in satisfaction of tax withholding requirements, shares forfeited due to employee termination, shares expired under option awards, or shares not delivered when performance conditions have not been met, to be added back to the pool of shares available for issuance under the 2017 Plan. From inception to December 31, 2024, 7.0 million shares had been awarded under the 2017 Plan but not delivered, and have become available for re-issue. As of December 31, 2024, a total of 18.3 million shares were available for future issuance under the 2017 Plan.

For deferred stock awards granted under the Plans, no common stock is issued at the time of grant and the award does not possess dividend and voting rights. Generally, these grants vest over zero to four years. Performance awards granted are earned over a performance period based on the achievement of defined goals, generally over three years. Payment for performance awards is made in shares of our common stock equal to its fair market value per share, based on the performance of certain financial ratios, after the conclusion of each performance period.

Beginning with 2012, malus-based forfeiture provisions were included in deferred stock awards granted to employees identified as “material risk-takers,” as defined by management. These malus-based forfeiture provisions provide for the reduction or cancellation of unvested deferred compensation, such as deferred stock awards and performance-based awards, if it is determined that a material risk-

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taker made risk-based decisions that exposed us to inappropriate risks that resulted in a material unexpected loss at the business-unit, line-of-business or corporate level. In addition, awards granted to certain of our senior executives, as well as awards granted to individuals in certain jurisdictions, may be subject to recoupment after vesting (if applicable) and delivery to the individual in specified circumstances generally relating to fraud or willful misconduct by the individual that results in material harm to us or a material financial restatement.

Compensation expense related to deferred stock awards and performance awards, which we record as a component of compensation and employee benefits expense in our consolidated statement of income, was \$223 million, \$208 million and \$240 million for the years ended December 31, 2024, 2023 and 2022, respectively. Such expense for 2024, 2023 and 2022 excluded an expense of \$3 million, \$12 million and \$21 million, respectively, associated with acceleration of expense in connection with targeted staff reductions. This expense was included in the severance-related portion of the associated restructuring or repositioning charges recorded in each respective year.

For the years ended December 31, 2024, 2023 and 2022, no stock appreciation rights were exercised. As of December 31, 2024, there was no unrecognized compensation cost related to stock appreciation rights.

	Shares (In thousands)	Weighted-Average Grant Date Fair Value
Deferred Stock Awards:		
Outstanding as of December 31, 2022	5,279	\$ 72.43
Granted	2,421	79.58
Vested	(2,587)	71.54
Forfeited	(145)	76.40
Outstanding as of December 31, 2023	4,968	75.72
Granted	2,551	68.70
Vested	(2,513)	73.62
Forfeited	(147)	73.35
Outstanding as of December 31, 2024	<u>4,859</u>	73.20

The total fair value of deferred stock awards vested for the years ended December 31, 2024, 2023 and 2022, based on the weighted average grant date fair value in each respective year, was \$185 million, \$185 million and \$217 million, respectively. As of December 31, 2024, total unrecognized compensation cost related to deferred stock awards, net of estimated forfeitures, was \$169 million, which is expected to be recognized over a weighted-average period of 2.2 years.

	Shares (In thousands)	Weighted-Average Grant Date Fair Value
Performance Awards:		
Outstanding as of December 31, 2022	2,296	\$ 69.43
Granted	614	79.96
Forfeited	(17)	74.59
Paid out	(687)	62.99
Outstanding as of December 31, 2023	2,206	74.33
Granted	363	63.49
Forfeited	(28)	80.01
Paid out	(502)	65.70
Outstanding as of December 31, 2024	<u>2,039</u>	74.44

The total fair value of performance awards vested for the years ended December 31, 2024, 2023 and 2022, based on the weighted average grant date fair value in each respective year, was \$33 million, \$43 million and \$60 million, respectively. As of December 31, 2024, total unrecognized compensation cost related to performance awards, net of estimated forfeitures, was \$15 million, which is expected to be recognized over a weighted-average period of 1.8 years.

	Shares (In thousands)	Weighted-Average Grant Date Fair Value
Cash-Settled Restricted Stock Awards:		
Outstanding as of December 31, 2022	35	\$ 79.99
Granted	24	83.80
Paid out	(32)	79.99
Outstanding as of December 31, 2023	27	83.37
Granted	40	69.96
Paid out	(38)	76.11
Outstanding as of December 31, 2024	<u>29</u>	74.52

The total fair value of cash-settled restricted stock awards vested during both the years ended December 31, 2024 and 2023, based on the weighted average grant date fair value, was \$3 million. As of December 31, 2024, there was no unrecognized compensation cost related to cash-settled restricted stock awards.

We utilize either treasury shares or authorized but unissued shares to satisfy the issuance of common stock under our equity incentive plans. We do not have a specific policy concerning purchases of our common stock to satisfy stock issuances. We have a general policy concerning purchases of our common stock to meet issuances under our employee benefit plans, including other corporate purposes. Various factors determine the amount and timing of our purchases of our common stock, including regulatory reviews and approvals or non-objections, our regulatory capital requirements, the number of shares we expect to issue under employee benefit plans, market conditions (including the trading

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price of our common stock), and legal considerations. These factors can change at any time, and the number of shares of common stock we will purchase or when we will purchase them cannot be assured. Additional information on our common stock purchase program is provided in Note 15.

Note 19. Employee Benefits

Defined Benefit Pension and Other Post-Retirement Benefit Plans

State Street Bank and certain of its U.S. subsidiaries participate in a non-contributory, tax-qualified defined benefit pension plan. The U.S. defined benefit pension plan was frozen as of December 31, 2007 and no new employees were eligible to participate after that date. We have agreed to contribute sufficient amounts as necessary to meet the benefits paid to plan participants and to fund the plan's service cost, plus interest. U.S. employee account balances earn annual interest credits until the employee begins receiving benefits. Non-U.S. employees participate in local defined benefit plans which are funded as required in each local jurisdiction. In addition to the defined benefit pension plans, we have non-qualified unfunded SERPs that provide certain officers with defined pension benefits in excess of allowable qualified plan limits. State Street Bank and certain of its U.S. subsidiaries also participate in a post-retirement plan that provides health care benefits for certain retired employees. The total expense for these tax-qualified and non-qualified plans was \$17 million, \$16 million and \$21 million in 2024, 2023 and 2022, respectively.

We recognize the funded status of our defined benefit pension plans and other post-retirement benefit plans, measured as the difference between the fair value of the plan assets and the projected benefit obligation, in the consolidated statement of position. The assets held by the defined benefit pension plans are largely made up of common, collective funds that are liquid and invest principally in U.S. equities and high-quality fixed-income investments. The majority of these assets fall within Level 2 of the fair value hierarchy. The benefit obligations associated with our primary U.S. and non-U.S. defined benefit plans, non-qualified unfunded supplemental retirement plans and post-retirement plans were \$1.10 billion, \$19 million and less than \$1 million, respectively, as of December 31, 2024 and \$1.16 billion, \$25 million and \$1 million, respectively, as of December 31, 2023. As the primary defined benefit plans are frozen, the benefit obligation will only vary over time as a result of changes in market interest rates, the life expectancy of the plan participants and payments made from the plans. The primary U.S. and non-U.S. defined benefit pension plans were overfunded by \$26 million and \$10 million

as of December 31, 2024 and 2023, respectively. The non-qualified supplemental retirement plans were underfunded by \$19 million and \$25 million as of December 31, 2024 and 2023, respectively. The other post-retirement benefit plans were underfunded by less than \$1 million and \$1 million as of December 31, 2024 and 2023, respectively. The underfunded status is included in other liabilities.

Defined Contribution Retirement Plans

We contribute to employer-sponsored U.S. and non-U.S. defined contribution plans. Our contribution to these plans was \$212 million, \$194 million and \$171 million in 2024, 2023 and 2022, respectively.

Note 20. Occupancy Expense and Information Systems and Communications Expense

Occupancy expense and information systems and communications expense include depreciation of buildings, leasehold improvements, computer hardware and software, equipment, furniture and fixtures, and amortization of lease right-of-use assets. Total depreciation and amortization expense in 2024, 2023 and 2022 was \$824 million, \$829 million and \$842 million, respectively.

We use our incremental borrowing rate to determine the present value of the lease payments for finance and operating leases described below. Additionally, we do not separate nonlease components such as real estate taxes and common area maintenance from base lease payments.

As of December 31, 2024 and 2023, we had finance leases for information technology equipment of \$67 million and \$119 million, respectively, recorded in premises and equipment, with the related liability of \$79 million and \$130 million, respectively, recorded in long-term debt, in our consolidated statement of condition.

Finance lease right-of-use asset amortization is recorded in information systems and communications expense on a straight-line basis in our consolidated statement of income over the respective lease term. Lease payments are recorded as a reduction of the liability, with a portion recorded as imputed interest expense. Accumulated amortization of the finance lease right-of-use assets was \$135 million as of December 31, 2024. Interest expense related to the finance lease obligation reflected in NII was \$3 million and \$5 million in 2024 and 2023, respectively.

As of December 31, 2024, aggregate net book value of the operating lease right-of-use assets recorded in other assets was \$818 million, with the related lease liability recorded in accrued expenses and other liabilities in our consolidated statement of condition.

We have entered into non-cancellable operating leases for premises and equipment. Nearly all of

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these leases include renewal options, and only those reasonably certain of being exercised are included in the term of the lease. Costs for operating leases are recorded on a straight-line basis which includes both interest expense and right-of-use asset amortization. Operating lease costs for office space are recorded in occupancy expense. Costs related to operating leases for equipment are recorded in information systems and communications expense.

As of December 31, 2024, we have additional operating and finance leases, primarily for office space and equipment, that have not yet commenced with approximately \$207 million of undiscounted future minimum lease payments. These leases will commence in fiscal year 2025 with lease terms ranging from 3 to 11 years.

None of our leases contain residual value guarantees.

The following table presents lease costs, sublease rental income, cash flows and new leases arising from lease transactions for 2024:

(In millions)	Years Ended December 31,	
	2024	2023
Finance lease:		
Amortization of right-of-use assets	\$ 48	\$ 48
Interest on lease liabilities	3	5
Total finance lease expense	51	53
Sublease income	—	—
Net finance lease expense	51	53
Operating lease:		
Operating lease expense	168	163
Sublease income	(17)	(23)
Net operating lease expense	151	140
Net lease expense	\$ 202	\$ 193
Cash paid for amounts included in the measurement of lease liabilities:		
Operating cash flows from finance leases	\$ 3	\$ 5
Operating cash flows from operating leases	179	197
Financing cash flows from finance leases	46	45
Right-of-use assets obtained in exchange for new lease obligations:		
Operating leases	\$ 174	\$ 461
Finance leases	—	—

The following table presents future minimum lease payments under non-cancellable leases as of December 31, 2024:

(In millions)	Operating Leases	Finance Leases	Total
2025	\$ 182	\$ 55	\$ 237
2026	152	26	178
2027	134	—	134
2028	118	—	118
2029	88	—	88
Thereafter	342	—	342
Total future minimum lease payments	1,016	81	1,097
Less imputed interest	(177)	(2)	(179)
Total	<u>\$ 839</u>	<u>\$ 79</u>	<u>\$ 918</u>

The following table presents details related to remaining lease terms and discount rate as of December 31, 2024 and 2023:

	December 31, 2024	December 31, 2023
Weighted-average remaining lease term (in years):		
Finance leases	1.4	2.5
Operating leases	8.1	8.5
Weighted-average discount rate:		
Finance leases	3 %	3 %
Operating leases	4 %	4 %

Note 21. Expenses

The following table presents the components of other expenses for the periods indicated:

(In millions)	Years Ended December 31,		
	2024	2023	2022
Professional services	\$ 465	\$ 428	\$ 375
Regulatory fees and assessments ⁽¹⁾	142	464	83
Sales advertising and public relations	142	142	99
Securities processing	78	49	63
Bank operations	51	45	41
Donations	28	27	27
Other	433	374	387
Total other expenses	<u>\$ 1,339</u>	<u>\$ 1,529</u>	<u>\$ 1,075</u>

⁽¹⁾ Includes an FDIC special assessment of \$99 million and \$387 million in 2024 and 2023, respectively, related to FDIC's recovery of estimated losses to the Deposit Insurance Fund associated with the closures of Silicon Valley Bank and Signature Bank reflected in other expenses.

Repositioning Charges

In 2024, we recorded a net repositioning release of \$2 million, including a \$15 million release reflected in compensation and employee benefits expenses, partially offset by \$13 million of occupancy charges related to footprint optimization.

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In 2023, we recorded net repositioning charges of approximately \$203 million to enable the next phase of our productivity efforts to streamline operations and technology, and improve efficiency. Expenses for 2023 included \$182 million of compensation and employee benefits expenses related to workforce rationalization and \$21 million of occupancy costs related to real estate footprint optimization.

The following table presents aggregate activity for repositioning charges for the periods indicated:

(In millions)	Employee Related Costs	Real Estate Actions	Total
Accrual Balance at December 31, 2021	\$ 68	\$ 6	\$ 74
Accruals for Repositioning Charges	58	20	78
Payments and Other Adjustments	(43)	(21)	(64)
Accrual Balance at December 31, 2022	83	5	88
Accruals for Repositioning Charges	182	21	203
Payments and Other Adjustments	(58)	(25)	(83)
Accrual Balance at December 31, 2023	207	1	208
Accruals for Repositioning Charges	(15)	13	(2)
Payments and Other Adjustments	(96)	(14)	(110)
Accrual Balance at December 31, 2024	<u>\$ 96</u>	<u>\$ —</u>	<u>\$ 96</u>

Note 22. Income Taxes

We use an asset-and-liability approach to account for income taxes. Our objective is to recognize the amount of taxes payable or refundable for the current year through charges or credits to the current tax provision, and to recognize deferred tax assets and liabilities for future tax consequences of temporary differences between amounts reported in our consolidated financial statements and their respective tax bases. The measurement of tax assets and liabilities is based on enacted tax laws and applicable tax rates. The effects of a tax position on our consolidated financial statements are recognized when we believe it is more likely than not that the position will be sustained. A valuation allowance is established if it is considered more likely than not that all or a portion of the deferred tax assets will not be realized. Deferred tax assets and liabilities recorded in our consolidated statement of condition are netted within the same tax jurisdiction.

The following table presents the components of income tax expense (benefit) for the periods indicated:

(In millions)	Years Ended December 31,		
	2024	2023	2022
Current:			
Federal	\$ 108	\$ 160	\$ 161
State	68	79	112
Non-U.S.	387	317	342
Total current expense	<u>563</u>	<u>556</u>	<u>615</u>
Deferred:			
Federal	77	(77)	(16)
State	2	(63)	(2)
Non-U.S.	66	(44)	(44)
Total deferred expense (benefit)	<u>145</u>	<u>(184)</u>	<u>(62)</u>
Total income tax expense (benefit)	<u>\$ 708</u>	<u>\$ 372</u>	<u>\$ 553</u>

The following table presents a reconciliation of the U.S. statutory income tax rate to our effective tax rate based on income before income tax expense for the periods indicated:

	Years Ended December 31,		
	2024	2023	2022
U.S. federal income tax rate	21.0 %	21.0 %	21.0 %
Changes from statutory rate:			
State taxes, net of federal benefit	1.8	2.4	3.1
Tax-exempt income	(1.0)	(1.5)	(1.0)
Business tax credits ⁽¹⁾	(2.0)	(3.6)	(4.0)
Foreign tax differential	1.0	(0.6)	—
Foreign tax credit (benefits)/limitations ⁽²⁾	0.6	(2.0)	(0.1)
Change in Valuation Allowance	(0.5)	(0.2)	(2.0)
Other, net	(0.1)	0.6	(0.4)
Effective tax rate	<u>20.8 %</u>	<u>16.1 %</u>	<u>16.6 %</u>

⁽¹⁾ Business tax credits include research, low-income housing, production and investment tax credits.

⁽²⁾ Foreign tax credit (benefits)/limitations includes the period expense for global intangible low-taxed income.

Undistributed indefinitely reinvested earnings of certain foreign subsidiaries amounted to approximately \$8.38 billion at December 31, 2024. As a result, no provision has been recorded for state and local or foreign withholding income taxes. If a distribution were to occur, we would be subject to state, local and to foreign withholding tax. It is expected that any distribution will be exempt from federal income tax. Although the foreign withholding tax is generally creditable against U.S. federal income tax, certain credit utilization limitations may result in a net cost.

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The following table presents significant components of our gross deferred tax assets and gross deferred tax liabilities as of the dates indicated:

(In millions)	December 31,	
	2024	2023
Deferred tax assets:		
Other amortizable assets	\$ 189	\$ 265
Tax credit carryforwards	577	673
Lease obligations	214	236
Deferred compensation	111	104
Restructuring charges and other reserves	227	224
NOL and other carryforwards	147	167
Pension plan	21	24
Foreign currency translation	63	51
Unrealized losses on investment securities, net	184	352
Total deferred tax assets	<u>1,733</u>	<u>2,096</u>
Valuation allowance for deferred tax assets	(172)	(200)
Deferred tax assets, net of valuation allowance	<u>\$ 1,561</u>	<u>\$ 1,896</u>
Deferred tax liabilities:		
Fixed and intangible assets	\$ 634	\$ 574
Investment basis differences	47	40
Right-of-use Assets	198	214
Other	40	68
Total deferred tax liabilities	<u>\$ 919</u>	<u>\$ 896</u>

The table below summarizes the deferred tax assets, carryforwards and related valuation allowances recognized as of December 31, 2024:

(In millions)	Deferred Tax Asset	Valuation Allowance	Expiration
Other amortizable assets	\$ 189	\$ (72)	None
Tax credits	577	(8)	2042-2044
NOLs - Non-U.S.	130	(80)	2026-2042, None
NOLs - U.S.	14	(10)	2025-2043, None
Other carryforwards	2	(2)	None

Management considers the valuation allowance adequate to reduce the total deferred tax assets to an aggregate amount that will more likely than not be realized. Management has determined that a valuation allowance is not required for the remaining deferred tax assets because it is more likely than not that there will be sufficient taxable income of the appropriate nature within the carryforward periods to realize these assets.

At December 31, 2024, 2023 and 2022, the gross unrecognized tax benefits, excluding interest, were \$237 million, \$237 million and \$285 million, respectively. Of this, the amounts that would reduce the effective tax rate, if recognized, are \$220 million, \$197 million and \$272 million, respectively. The reduction in the effective tax rate includes the federal benefit for unrecognized state tax benefits.

The following table presents activity related to unrecognized tax benefits as of the dates indicated:

(In millions)	December 31,		
	2024	2023	2022
Beginning balance	\$ 237	\$ 285	\$ 252
Decrease related to agreements with tax authorities	(22)	(32)	(4)
Increase related to tax positions taken during current year	36	39	48
Increase/(Decrease) related to tax positions taken during prior years	11	(34)	8
Decreases related to a lapse of the applicable statute of limitations	(25)	(21)	(19)
Ending balance	<u>\$ 237</u>	<u>\$ 237</u>	<u>\$ 285</u>

It is reasonably possible that of the \$237 million of unrecognized tax benefits as of December 31, 2024, up to \$37 million could decrease within the next 12 months due to agreements with tax authorities and the expiration of statutes of limitations. Management believes that we have sufficient accrued liabilities as of December 31, 2024 for tax exposures and related interest expense.

Income tax expense included related interest and penalties of approximately \$8 million, \$7 million and \$8 million in 2024, 2023 and 2022, respectively. Total accrued interest and penalties were approximately \$21 million as of both December 31, 2024 and 2023, and \$15 million as of December 31, 2022.

Note 23. Earnings Per Common Share

Basic EPS is calculated pursuant to the two-class method, by dividing net income available to common shareholders by the weighted-average common shares outstanding during the period. Diluted EPS is calculated pursuant to the two-class method, by dividing net income available to common shareholders by the total weighted-average number of common shares outstanding for the period plus the shares representing the dilutive effect of equity-based awards. The effect of equity-based awards is excluded from the calculation of diluted EPS in periods in which their effect would be anti-dilutive.

The two-class method requires the allocation of undistributed net income between common and participating shareholders. Net income available to common shareholders, presented separately in our consolidated statement of income, is the basis for the calculation of both basic and diluted EPS. Participating securities are composed of unvested and fully vested SERP shares and fully vested deferred director stock awards, which are equity-based awards that contain non-forfeitable rights to dividends, and are considered to participate with the common stock in undistributed earnings.

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The following table presents the computation of basic and diluted earnings per common share for the periods indicated:

(Dollars in millions, except per share amounts)	Years Ended December 31,		
	2024	2023	2022
Net income	\$ 2,687	\$ 1,944	\$ 2,774
Less:			
Preferred stock dividends	(202)	(122)	(112)
Dividends and undistributed earnings allocated to participating securities ⁽¹⁾	(2)	(1)	(2)
Net income available to common shareholders	\$ 2,483	\$ 1,821	\$ 2,660
Average common shares outstanding (In thousands):			
Basic average common shares	297,883	322,337	365,214
Effect of dilutive securities: equity-based awards	4,343	4,231	4,895
Diluted average common shares	302,226	326,568	370,109
Anti-dilutive securities ⁽²⁾	14	1,251	866
Earnings per common share:			
Basic	\$ 8.33	\$ 5.65	\$ 7.28
Diluted ⁽³⁾	8.21	5.58	7.19

⁽¹⁾ Represents the portion of net income available to common equity allocated to participating securities, composed of unvested and fully vested SERP (Supplemental executive retirement plans) shares and fully vested deferred director stock awards, which are equity-based awards that contain non-forfeitable rights to dividends, and are considered to participate with the common stock in undistributed earnings.

⁽²⁾ Represents equity-based awards outstanding, but not included in the computation of diluted average common shares, because their effect was anti-dilutive. Additional information about equity-based awards is provided in Note 18.

⁽³⁾ Calculations reflect allocation of earnings to participating securities using the two-class method, as this computation is more dilutive than the treasury stock method.

Note 24. Line of Business Information

Our operations are organized into two lines of business, which represent our reportable segments: Investment Servicing and Investment Management, which are defined based on products and services provided. The results of operations for these lines of business are not necessarily comparable with those of other companies, including companies in the financial services industry.

Investment Servicing provides a broad range of services and market and financing solutions to institutional clients, including mutual funds, collective investment funds and other investment pools, corporate and public retirement plans, insurance companies, investment managers, foundations and endowments worldwide.

Through State Street Investment Services, State Street Global Markets[®] and State Street Alpha[®], we offer a full range of back- and middle-office solutions,

including custody, accounting and fund administration services for traditional and alternative assets, as well as multi-asset class investments; recordkeeping, client reporting and investment book of record, transaction management, loans, cash, derivatives and collateral services; investor services operations outsourcing; performance, risk and compliance analytics; financial data management to support institutional investors; foreign exchange, brokerage and other trading services; securities finance, including prime services products; and deposit and short-term investment facilities.

Together with our middle- and back-office services, CRD's front- and middle-office technology offerings form the foundation of State Street Alpha[®]. Our State Street Alpha platform combines portfolio management, trading and execution, analytics and compliance tools, and advanced data aggregation and integration with other industry platforms and providers. Included in CRD's technology offerings are Charles River Investment Management Solution, a front-office technology offering that automates and simplifies the institutional investment process across asset classes, from portfolio management and risk analytics through trading and post-trade settlement, with integrated compliance and managed data throughout; Charles River for Private Markets, an investment management solution for institutions investing in Private Credit, Private Equity, Real Estate, Infrastructure, and Funds; and Charles River Wealth Management Solution, which provides portfolio management, trading compliance and manager/sponsor communication capabilities to wealth managers, private banks and financial advisors.

As the digital asset space continues to mature, we are building solutions to service, tokenize and safekeep digital assets. Our vision is to enable core digital asset infrastructure as a trusted provider of end-to-end solutions on a secure, interoperable blockchain.

Investment Management provides a comprehensive range of investment management solutions and products for our clients through State Street Global Advisors. Our investment management solutions include strategies across equity, fixed income, cash, multi-asset and alternatives; products such as SPDR[®] ETFs and index funds; and services including defined benefit, defined contribution, and Outsourced Chief Investment Officer.

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Our investment servicing strategy is to focus on total client relationships and the full integration of our products and services across our client base through cross-selling opportunities. In general, our clients will use a combination of services, depending on their needs, rather than one product or service. For instance, a custody client may purchase securities finance and cash management services from different business units. Products and services that we provide to our clients are parts of an integrated offering to these clients. We price our products and services on the basis of overall client relationships and other factors; as a result, revenue may not necessarily reflect the stand-alone market price of these products and services within the business lines in the same way it would for separate business entities.

Our servicing and management fee revenue from the Investment Servicing and Investment Management business lines, including foreign exchange trading services and securities finance activities, represents approximately 70% of our consolidated total revenue. The remaining 30% is composed of software and processing fees, including front office software and data and lending related and other fees, as well as NII, which is largely generated by our investment of client deposits, short-term borrowings and long-term debt in a variety of assets, and net gains (losses) related to investment securities. These other revenue types are generally fully allocated to, or reside in, Investment Servicing and Investment Management.

Revenue and expenses are directly charged or allocated to our lines of business through management information systems. Our CODM is the chief executive officer. The line of business results are regularly provided to the CODM to evaluate the performance of each line of business and to inform how resources are allocated between those lines of business to best achieve management's strategic and tactical goals. Capital is allocated based on the relative risks and capital requirements inherent in each business line, along with management judgment. Capital allocations may not be representative of the capital that might be required if these lines of business were separate business entities.

The following is a summary of our line of business results for the periods indicated.

(Dollars in millions)	Years Ended December 31,											
	Investment Servicing			Investment Management			Other			Total		
	2024	2023	2022	2024	2023	2022	2024	2023	2022	2024	2023	2022
Revenue:												
Servicing fees	\$ 5,016	\$ 4,922	\$ 5,087	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,016	\$ 4,922	\$ 5,087
Management fees	—	—	—	2,124	1,876	1,939	—	—	—	2,124	1,876	1,939
Foreign exchange trading services	1,248	1,140	1,271	138	125	82	15	—	23	1,401	1,265	1,376
Securities finance	415	402	397	23	24	19	—	—	—	438	426	416
Software and processing fees	888	811	789	—	—	—	—	—	—	888	811	789
Other fee revenue ⁽¹⁾	188	145	46	35	35	(47)	66	—	—	289	180	(1)
Total fee revenue	7,755	7,420	7,590	2,320	2,060	1,993	81	—	23	10,156	9,480	9,606
Net interest income	2,899	2,740	2,551	24	19	(7)	—	—	—	2,923	2,759	2,544
Total other income	2	—	(2)	—	—	—	(81)	(294)	—	(79)	(294)	(2)
Total revenue	10,656	10,160	10,139	2,344	2,079	1,986	—	(294)	23	13,000	11,945	12,148
Provision for credit losses	75	46	20	—	—	—	—	—	—	75	46	20
Expenses:												
Compensation and employee benefits	4,078	4,033	3,896	555	520	478	64	191	54	4,697	4,744	4,428
Information systems and communications	1,743	1,568	1,535	86	94	95	—	41	—	1,829	1,703	1,630
Transaction processing services	825	777	809	173	180	162	—	—	—	998	957	971
Other	1,041	1,035	1,020	841	746	661	124	398	91	2,006	2,179	1,772
Total expenses	7,687	7,413	7,260	1,655	1,540	1,396	188	630	145	9,530	9,583	8,801
Income before income tax expense	\$ 2,894	\$ 2,701	\$ 2,859	\$ 689	\$ 539	\$ 590	\$ (188)	\$ (924)	\$ (122)	\$ 3,395	\$ 2,316	\$ 3,327
Pre-tax margin	27 %	27 %	28 %	29 %	26 %	30 %				26 %	19 %	27 %
Average assets (in billions)	\$ 308.5	\$ 271.5	\$ 283.2	\$ 3.2	\$ 3.2	\$ 3.2				\$ 311.7	\$ 274.7	\$ 286.4

⁽¹⁾ Investment Management includes other revenue items that are primarily driven by equity market movements.

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The “Other” columns presented in the previous table, represent amounts that are not allocated to our two lines of business. The following provides additional information about the items included in the line of business results “Other” column for the periods indicated.

(Dollars in millions)	Years Ended December 31,		
	Other		
	2024	2023	2022
Fee revenue ⁽¹⁾	\$ 81	\$ —	\$ 23
Other Income ⁽²⁾	(81)	(294)	—
Deferred incentive compensation expense acceleration ⁽³⁾	(79)	—	—
Net repositioning charges ⁽⁴⁾	2	(203)	(70)
Net acquisition and restructuring costs ⁽⁵⁾	—	15	(65)
FDIC special assessment and other ⁽⁶⁾	(111)	(442)	(10)
Total	\$ (188)	\$ (924)	\$ (122)

⁽¹⁾ Includes a \$66 million gain on sale of equity investment and a \$15 million revenue-related recovery associated with the proceeds from a 2018 foreign exchange benchmark litigation resolution, which is reflected in foreign exchange trading services revenue.

⁽²⁾ Includes the loss on the sale of investment securities of \$81 million and \$294 million in 2024 and 2023, respectively, related to the repositioning of the investment portfolio.

⁽³⁾ Deferred compensation expense acceleration of \$79 million in 2024 reflected in compensation and employee benefits, associated with an amendment of certain outstanding deferred cash incentive compensation awards to align our deferred pay mix with peers.

⁽⁴⁾ Net repositioning charges in 2024 includes a \$15 million release reflected in compensation and employee benefits, partially offset by \$13 million of occupancy charges related to footprint optimization. Net repositioning charges in 2023 includes \$182 million reflected in compensation and employee benefits expenses related to workforce rationalization and \$21 million of occupancy costs related to real estate footprint optimization.

⁽⁵⁾ Acquisition and restructuring costs related to the Brown Brother Harriman Investor Services acquisition transaction that State Street is no longer pursuing.

⁽⁶⁾ Includes an FDIC special assessment of \$99 million and \$387 million in 2024 and 2023, respectively, related to FDIC’s recovery of estimated losses to the Deposit Insurance Fund associated with the closures of Silicon Valley Bank and Signature Bank reflected in other expenses. Other includes a \$12 million charge in 2024 reflected in other expenses and \$41 million in 2023 reflected in information systems and communications, primarily related to operating model changes.

Note 25. Revenue from Contracts with Customers

We account for revenue from contracts with customers in accordance with ASC 606. The amount of revenue that we recognize is measured based on the consideration specified in contracts with our customers, and excludes taxes collected from customers subsequently remitted to governmental authorities. We recognize revenue when a performance obligation is satisfied over time as the services are performed or at a point in time depending on the nature of the services provided as further discussed below. Revenue recognition guidance related to contracts with customers excludes our NII, revenue earned on security lending transactions entered into as principal, realized gains/losses on securities, revenue earned on foreign exchange activity, loans and related fees, and gains/losses on hedging and derivatives, to which we apply other applicable U.S. GAAP guidance.

For contracts with multiple performance obligations, or contracts that have been combined, we allocate the contracts’ transaction price to each performance obligation using our best estimate of the standalone selling price. Our contractual fees are negotiated on a customer by customer basis and are representative of standalone selling price utilized for allocating revenue when there are multiple performance obligations.

Substantially all of our services are provided as a distinct series of daily performance obligations that the customer simultaneously benefits from as they are performed. Payments may be made to third party service providers and the expense is recognized gross when we control those services as we are deemed the principal.

Contract durations may vary from short- to long-term or may be open ended. Termination notice periods are in line with general market practice and typically do not include termination penalties. Therefore, for substantially all of our revenues, the duration of the contract and the enforceable rights and obligations do not extend beyond the services that are performed daily or at the transaction level. In instances where we have substantive termination penalties, the duration of the contract may extend through the date of substantive termination penalties.

Investment Servicing

Revenue from contracts with customers related to servicing fees is recognized over time as our customers benefit from the custody, administration, accounting, transfer agency and other related asset services as they are performed. At contract inception, no revenue is estimated as the fees are dependent on assets under custody and/or administration and/or actual transactions which are susceptible to market factors outside of our control. Therefore, revenue is recognized using a time-based output method as the customers benefit from the services over time and as the assets under custody or transactions are known or determinable during each reporting period based on contractual fee schedules. Payments made to third party service providers, such as sub-custodians, are generally recognized gross as we control those services and are deemed to be a principal in such arrangements.

Foreign exchange trading services revenue includes revenue generated from providing access and use of electronic trading platforms and other trading, transition management and brokerage services. Electronic FX

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services are dependent on the volume of actual transactions initiated through our electronic exchange platforms. Revenue is recognized over time using a time-based measure as access to, and use of, the electronic exchange platforms is made available to the customer and the activity is determinable. Revenue related to other trading, transition management and brokerage services is recognized when the customer obtains the benefit of such services which may be over time or at a point in time upon trade execution.

Securities finance revenue is related to services for providing agency lending programs to State Street Global Advisors managed investment funds and third-party investment managers and asset owners. This securities finance revenue is recognized over time using a time-based measure as our customers benefit from these lending services.

Revenue related to the front office solutions provided by CRD is primarily driven by the sale of licenses and SaaS arrangements, including professional services such as consulting and implementation services, software support and maintenance. Revenue for a sale of software to be installed on premise is recognized at a point in time when the customer benefits from obtaining access to and use of the software license. Revenue for a SaaS related arrangement is recognized over time as services are provided.

Investment Management

Revenue from contracts with customers related to investment management, investment research and investment advisory services provided through State Street Global Advisors is recognized over time as our customers benefit from the services as they are performed. Substantially all of our investment management fees are determined by the value of assets under management and the investment strategies employed. At contract inception, no revenue is estimated as the fees are dependent on assets under management which are susceptible to market factors outside of our control.

Therefore, substantially all of our Investment Management services revenue is recognized using a time-based output method as the customers benefit from the services over time and as the assets under management are known or determinable during each reporting period based on contractual fee schedules. Payments made to third party service providers, such as payments to others in unitary fee arrangements, are generally recognized on a gross basis when State Street Global Advisors controls those services and is deemed to be a principal in such transactions.

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Revenue by category

In the following table, revenue is disaggregated by our two lines of business and by revenue stream for which the nature, amount, timing and uncertainty of revenue and cash flows are affected by economic factors. The amounts in the “Other” columns were not allocated to our business lines.

	Year Ended December 31, 2024									
	Investment Servicing			Investment Management			Other			Total
	Topic 606 revenue	All other revenue	Total	Topic 606 revenue	All other revenue	Total	Topic 606 revenue	All other revenue	Total	2024
(Dollars in millions)										
Servicing fees	\$ 5,016	\$ —	\$ 5,016	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,016
Management fees	—	—	—	2,124	—	2,124	—	—	—	2,124
Foreign exchange trading services	386	862	1,248	138	—	138	—	15	15	1,401
Securities finance	185	230	415	—	23	23	—	—	—	438
Software and processing fees	685	203	888	—	—	—	—	—	—	888
Other fee revenue	—	188	188	—	35	35	—	66	66	289
Total fee revenue	6,272	1,483	7,755	2,262	58	2,320	—	81	81	10,156
Net interest income	—	2,899	2,899	—	24	24	—	—	—	2,923
Total other income	—	2	2	—	—	—	—	(81)	(81)	(79)
Total revenue	\$ 6,272	\$ 4,384	\$ 10,656	\$ 2,262	\$ 82	\$ 2,344	\$ —	\$ —	\$ —	\$ 13,000

	Year Ended December 31, 2023									
	Investment Servicing			Investment Management			Other			Total
	Topic 606 revenue	All other revenue	Total	Topic 606 revenue	All other revenue	Total	Topic 606 revenue	All other revenue	Total	2023
(Dollars in millions)										
Servicing fees	\$ 4,922	\$ —	\$ 4,922	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,922
Management fees	—	—	—	1,876	—	1,876	—	—	—	1,876
Foreign exchange trading services	344	796	1,140	125	—	125	—	—	—	1,265
Securities finance	225	177	402	—	24	24	—	—	—	426
Software and processing fees	627	184	811	—	—	—	—	—	—	811
Other fee revenue	—	145	145	—	35	35	—	—	—	180
Total fee revenue	6,118	1,302	7,420	2,001	59	2,060	—	—	—	9,480
Net interest income	—	2,740	2,740	—	19	19	—	—	—	2,759
Total other income	—	—	—	—	—	—	—	(294)	(294)	(294)
Total revenue	\$ 6,118	\$ 4,042	\$ 10,160	\$ 2,001	\$ 78	\$ 2,079	\$ —	\$ (294)	\$ (294)	\$ 11,945

	Year Ended December 31, 2022									
	Investment Servicing			Investment Management			Other			Total
	Topic 606 revenue	All other revenue	Total	Topic 606 revenue	All other revenue	Total	Topic 606 revenue	All other revenue	Total	2022
(Dollars in millions)										
Servicing fees	\$ 5,087	\$ —	\$ 5,087	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,087
Management fees	—	—	—	1,939	—	1,939	—	—	—	1,939
Foreign exchange trading services	363	908	1,271	82	—	82	—	23	23	1,376
Securities finance	233	164	397	—	19	19	—	—	—	416
Software and processing fees	599	190	789	—	—	—	—	—	—	789
Other fee revenue	—	46	46	—	(47)	(47)	—	—	—	(1)
Total fee revenue	6,282	1,308	7,590	2,021	(28)	1,993	—	23	23	9,606
Net interest income	—	2,551	2,551	—	(7)	(7)	—	—	—	2,544
Total other income	—	(2)	(2)	—	—	—	—	—	—	(2)
Total revenue	\$ 6,282	\$ 3,857	\$ 10,139	\$ 2,021	\$ (35)	\$ 1,986	\$ —	\$ 23	\$ 23	\$ 12,148

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Contract balances and contract costs

As of December 31, 2024 and 2023, net receivables of \$3.08 billion and \$2.72 billion, respectively, are included in accrued interest and fees receivable and other assets, representing amounts billed or currently billable related to revenue from contracts with customers. As performance obligations are satisfied, we have an unconditional right to payment and billing is generally performed monthly or quarterly; therefore, we do not have significant contract assets.

We had \$144 million and \$133 million of deferred revenue as of December 31, 2024 and 2023, respectively. Deferred revenue is a contract liability which represents payments received and accounts receivable recorded in advance of providing services and is included in accrued expenses and other liabilities in the consolidated statement of condition. In the year ended December 31, 2024, we recognized revenue of \$122 million relating to deferred revenue of \$133 million as of December 31, 2023.

Transaction price allocated to the remaining performance obligations represents future, non-cancellable contracted revenue that has not yet been recognized, inclusive of deferred revenue that has been invoiced and non-cancellable amounts that will be invoiced and recognized as revenue in future periods. As of December 31, 2024, total remaining non-cancelable performance obligations for services and products not yet delivered, primarily comprised of software license sales and SaaS, were approximately \$1.87 billion. We expect to recognize approximately half of this amount in revenue over the next three years, with the remainder to be recognized thereafter.

No adjustments are made to the promised amount of consideration for the effects of a significant financing component as the period between when we transfer a promised service to a customer and when the customer pays for that service is expected to be one year or less.

Note 26. Non-U.S. Activities

We define our non-U.S. activities as those revenue-producing business activities that arise from clients that are generally serviced or managed outside the U.S. Due to the integrated nature of our business, precise segregation of our U.S. and non-U.S. activities is not possible.

Subjective estimates, assumptions and other judgments are applied to quantify the financial results and assets related to our non-U.S. activities, including our application of funds transfer pricing, our asset and liability management policies and our allocation of certain indirect corporate expenses. Management periodically reviews and updates its processes for quantifying the financial results and assets related to our non-U.S. activities.

The following table presents our U.S. and non-U.S. financial results for the periods indicated:

(In millions)	Years Ended December 31,								
	2024			2023			2022		
	Non-U.S. ⁽¹⁾	U.S.	Total	Non-U.S. ⁽¹⁾	U.S.	Total	Non-U.S. ⁽¹⁾	U.S.	Total
Total revenue	\$ 5,485	\$ 7,515	\$ 13,000	\$ 5,108	\$ 6,837	\$ 11,945	\$ 5,170	\$ 6,978	\$ 12,148
Income before income tax expense	1,376	2,019	3,395	1,057	1,259	2,316	1,358	1,969	3,327

⁽¹⁾ Geographic mix is generally based on the domicile of the entity servicing the funds and is not necessarily representative of the underlying asset mix.

Non-U.S. assets were \$88.35 billion and \$89.85 billion as of December 31, 2024 and 2023, respectively.

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Note 27. Parent Company Financial Statements

The following tables present the financial statements of the Parent Company without consolidation of its banking and non-banking subsidiaries, as of and for the years indicated:

Statement of Income - Parent Company

(In millions)	Years Ended December 31,		
	2024	2023	2022
Cash dividends from consolidated banking subsidiary	\$ 1,250	\$ 4,550	\$ 1,500
Cash dividends from consolidated non-banking subsidiaries and unconsolidated entities	58	320	198
Other, net	516	274	69
Total revenue	1,824	5,144	1,767
Interest expense	1,170	975	426
Other expenses	239	198	93
Total expenses	1,409	1,173	519
Income tax (benefit)	(232)	(224)	(121)
Income (loss) before equity in undistributed income of consolidated subsidiaries and unconsolidated entities	647	4,195	1,369
Equity in undistributed income (loss) of consolidated subsidiaries and unconsolidated entities:			
Consolidated banking subsidiary	1,522	(2,464)	1,275
Consolidated non-banking subsidiaries and unconsolidated entities	518	213	130
Net income	\$ 2,687	\$ 1,944	\$ 2,774

Statement of Condition - Parent Company

(In millions)	As of December 31,	
	2024	2023
Assets:		
Interest-bearing deposits with consolidated banking subsidiary	\$ 438	\$ 659
Trading account assets	499	454
Investment securities available-for-sale	378	279
Investments in:		
Consolidated banking subsidiary	27,504	25,391
Consolidated non-banking subsidiaries	10,487	10,055
Unconsolidated entities	114	111
Notes and other receivables from:		
Consolidated banking subsidiary	170	2
Consolidated non-banking subsidiaries and unconsolidated entities	9,211	6,816
Other assets	127	230
Total assets	\$ 48,928	\$ 43,997
Liabilities:		
Notes and other payables to:		
Consolidated banking subsidiary	\$ —	\$ 68
Consolidated non-banking subsidiaries and unconsolidated entities	2,063	896
Accrued expenses and other liabilities	652	615
Long-term debt	20,887	18,619
Total liabilities	23,602	20,198
Shareholders' equity	25,326	23,799
Total liabilities and shareholders' equity	\$ 48,928	\$ 43,997

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Statement of Cash Flows - Parent Company

(In millions)	Years Ended December 31,		
	2024	2023	2022
Net cash provided by (used in) operating activities	\$ 622	\$ 4,194	\$ 1,608
Investing Activities:			
Net increase (decrease) in interest-bearing deposits with consolidated banking subsidiary	221	(199)	22
Proceeds from sales and maturities of available-for-sale securities	1,120	830	780
Purchases of available-for-sale securities	(1,204)	(836)	(886)
Investments in consolidated banking and non-banking subsidiaries	(9,330)	(10,784)	(16,252)
Sale or repayment of investment in consolidated banking and non-banking subsidiaries	7,875	7,920	15,092
Net cash used in investing activities	(1,318)	(3,069)	(1,244)
Financing Activities:			
Proceeds from issuance of long-term debt, net of issuance costs	4,281	6,221	3,731
Payments for long-term debt	(2,000)	(2,500)	(1,500)
Proceeds from issuance of preferred stock, net of issuance costs	2,350	—	—
Payments for redemption of preferred stock	(1,500)	—	—
Repurchases of common stock	(1,319)	(3,781)	(1,500)
Repurchases of common stock for employee tax withholding	(83)	(95)	(123)
Payments for cash dividends	(1,033)	(970)	(972)
Net cash provided by (used in) financing activities	696	(1,125)	(364)
Net change	—	—	—
Cash and due from banks at beginning of year	—	—	—
Cash and due from banks at end of year	\$ —	\$ —	\$ —

Note 28. Subsequent Events

On January 27, 2025, we redeemed \$500 million aggregate principal amount of 4.857% fixed-to-floating rate senior notes due 2026.

On February 6, 2025, we redeemed \$300 million aggregate principal amount of 1.746% fixed-to-floating rate senior notes due 2026.

On February 6, 2025, we issued 750,000 depositary shares, each representing a 1/100th ownership interest in a share of fixed rate reset, non-cumulative perpetual preferred stock, Series K, without par value per share, with a liquidation preference of \$100,000 per share (equivalent to \$1,000 per depositary share), in a public offering. The aggregate proceeds, net of underwriting discounts, commissions and other issuance costs, were approximately \$743 million.

SUPPLEMENTAL FINANCIAL DATA (UNAUDITED)

Distribution of Average Assets, Liabilities and Shareholders' Equity; Interest Rates and Interest Differential

The following table presents consolidated average statements of condition and NII for the years indicated:

(Dollars in millions; fully taxable-equivalent basis)	Years Ended December 31,								
	2024			2023			2022		
	Average Balance	Interest	Average Rate	Average Balance	Interest	Average Rate	Average Balance	Interest	Average Rate
Assets:									
Interest-bearing deposits with U.S. banks	\$ 49,279	\$ 1,533	3.11 %	\$ 39,071	\$ 1,260	3.22 %	\$ 28,415	\$ 563	1.98 %
Interest-bearing deposits with non-U.S. banks	39,475	2,101	5.32	30,812	1,609	5.22	48,083	279	0.58
Securities purchased under resale agreements	6,789	686	10.10	1,764	312	17.67	2,116	188	8.88
Trading account assets	782	—	—	711	—	—	721	—	0.01
Investment securities:									
U.S. Treasury and federal agencies ⁽¹⁾	70,914	2,013	2.84	69,890	1,594	2.28	73,261	1,126	1.54
State and political subdivisions ⁽¹⁾	265	9	3.52	621	14	2.33	1,053	33	3.15
Other investments	33,605	1,750	5.21	35,254	1,402	3.98	37,615	553	1.47
Loans	39,660	2,272	5.73	34,800	1,863	5.35	35,117	973	2.77
Other interest-earning assets	25,300	1,616	6.39	18,098	1,131	6.25	20,850	383	1.84
Total interest-earning assets ⁽¹⁾	266,069	11,980	4.50	231,021	9,185	3.98	247,231	4,098	1.66
Cash and due from banks	3,674			3,925			3,652		
Other assets	41,980			39,750			35,547		
Total assets	<u>\$ 311,723</u>			<u>\$ 274,696</u>			<u>\$ 286,430</u>		
Liabilities and shareholders' equity:									
Interest-bearing deposits:									
Time	\$ 2,103	\$ 116	5.51 %	\$ 4,352	\$ 243	5.59 %	\$ 524	\$ 23	— %
Savings	133,795	5,416	4.05	105,852	3,733	3.53	97,728	864	0.88
Non-U.S.	64,144	1,095	1.71	62,689	1,015	1.62	76,842	80	0.10
Total interest-bearing deposits	200,042	6,627	3.31	172,893	4,991	2.89	175,094	967	0.55
Securities sold under repurchase agreements	3,163	156	4.93	3,904	34	0.87	3,633	14	0.39
Federal funds purchased	—	—	—	65	3	4.82	—	—	—
Other short-term borrowings	11,425	577	5.05	1,120	40	3.60	1,188	26	2.18
Long-term debt	20,394	1,086	5.32	17,355	888	5.12	14,132	376	2.66
Other interest-bearing liabilities	4,826	608	12.59	3,891	465	11.96	2,725	161	5.91
Total interest-bearing liabilities	239,850	9,054	3.77	199,228	6,421	3.22	196,772	1,544	0.78
Non-interest-bearing deposits:									
Demand	23,695			30,065			46,730		
Non-U.S. ⁽²⁾	1,874			2,153			1,050		
Other liabilities	21,192			19,073			15,992		
Shareholders' equity	25,112			24,177			25,886		
Total liabilities and shareholders' equity	<u>\$ 311,723</u>			<u>\$ 274,696</u>			<u>\$ 286,430</u>		
Net interest income, fully taxable-equivalent basis		<u>\$ 2,926</u>			<u>\$ 2,764</u>			<u>\$ 2,554</u>	
Excess of rate earned over rate paid			0.73 %			0.75 %			0.87 %
Net interest margin ⁽³⁾			1.10			1.20			1.03

⁽¹⁾ Fully taxable-equivalent revenue is a method of presentation in which the tax savings achieved by investing in tax-exempt investment securities and certain leases are included in interest income with a corresponding charge to income tax expense. This method facilitates the comparison of the performance of these assets. The adjustments are computed using a federal income tax rate of 21% for periods ending in 2024, 2023 and 2022, adjusted for applicable state income taxes, net of the related federal tax benefit. The fully taxable-equivalent adjustments included in interest income presented above were \$3 million, \$5 million and \$10 million for the years ended December 31, 2024, 2023 and 2022, respectively, and were substantially related to tax-exempt securities (state and political subdivisions).

⁽²⁾ Non-U.S. non-interest-bearing deposits were \$2.14 billion, \$2.81 billion and \$2.30 billion as of December 31, 2024, 2023 and 2022, respectively.

⁽³⁾ NIM is calculated by dividing fully taxable-equivalent NII by average total interest-earning assets.

SUPPLEMENTAL FINANCIAL DATA (CONTINUED)

The following table summarizes changes in fully taxable-equivalent interest income and interest expense due to changes in volume of interest-earning assets and interest-bearing liabilities, and due to changes in interest rates. Changes attributed to both volumes and rates have been allocated based on the proportion of change in each category.

Years Ended December 31, (Dollars in millions; fully taxable-equivalent basis)	2024 Compared to 2023			2023 Compared to 2022		
	Change in Volume	Change in Rate	Net (Decrease) Increase	Change in Volume	Change in Rate	Net (Decrease) Increase
Interest income related to:						
Interest-bearing deposits with U.S. banks	\$ 329	\$ (56)	\$ 273	\$ 211	\$ 486	\$ 697
Interest-bearing deposits with non-U.S. banks	452	40	492	(100)	1,430	1,330
Securities purchased under resale agreements	888	(514)	374	(31)	155	124
Trading account assets	—	—	—	—	—	—
Investment securities:						
U.S. Treasury and federal agencies	23	396	419	(52)	520	468
State and political subdivisions	(8)	3	(5)	(14)	(5)	(19)
Other investments	(66)	414	348	(35)	884	849
Loans	260	149	409	(9)	899	890
Other interest-earning assets	450	35	485	(51)	799	748
Total interest-earning assets	2,328	467	2,795	(81)	5,168	5,087
Interest expense related to:						
Deposits:						
Time	(126)	(1)	(127)	—	220	220
Savings	985	698	1,683	72	2,797	2,869
Non-U.S.	24	56	80	(15)	950	935
Securities sold under repurchase agreements	(6)	128	122	1	19	20
Federal funds purchased	(3)	—	(3)	—	3	3
Other short-term borrowings	371	166	537	(1)	15	14
Long-term debt	155	43	198	86	426	512
Other interest-bearing liabilities	112	31	143	69	235	304
Total interest-bearing liabilities	1,512	1,121	2,633	212	4,665	4,877
Net interest income	\$ 816	\$ (654)	\$ 162	\$ (293)	\$ 503	\$ 210

ACRONYMS

ABS	Asset-backed securities	IDI	Insured Depository Institution
AFS	Available-for-sale	LCR ⁽¹⁾	Liquidity coverage ratio
AML	Anti-money laundering	LDA model	Loss distribution approach model
AOCI	Accumulated other comprehensive income (loss)	LIBOR	London Interbank Offered Rate
ASU	Accounting Standards Update	LTD	Long-term debt
AUC/A	Assets under custody and/or administration	MBS	Mortgage-backed securities
AUM	Assets under management	MRAC	Management Risk and Capital Committee
BCCC	Business Conduct and Compliance Committee	MRC	Model Risk Committee
bps	Basis points	MRM	Model Risk Management
CAP	Capital adequacy process	MVG	Model Validation Group
CCAR	Comprehensive Capital Analysis and Review	NII	Net interest income
CCB	Capital conservation buffer	NIM	Net interest margin
CECL	Current Expected Credit Loss	NOL	Net Operating Loss
CET1 ⁽¹⁾	Common equity tier 1	NSFR ⁽¹⁾	Net stable funding ratio
CFTC	Commodity Futures Trading Commission	OCC	Office of the Comptroller of the Currency
CLO	Collateralized loan obligation	OFAC	Office of Foreign Assets Control
CMBS	Commercial mortgage-backed securities	ORM	Operational risk management
CODM	Chief Operating Decision Maker	OTC	Over-the-counter
COSO	Committee of Sponsoring Organizations of the Treadway Commission	PCA	Prompt corrective action
CRD	Charles River Development	PCAOB	Public Company Accounting Oversight Board
CRO	Chief Risk Officer	PD ⁽¹⁾	Probability-of-default
CVA	Credit valuation adjustment	P&L	Profit-and-loss
DOJ	Department of Justice	RC	Risk Committee
DORA	Digital Operational Resilience Act	RMBS	Residential mortgage-backed securities
E&A Committee	Examining and Audit Committee	RWA ⁽¹⁾	Risk-weighted asset
ECB	European Central Bank	SA-CCR	Standardized approach for counterparty credit risk
EGRRCPA	Economic Growth, Regulatory Relief, and Consumer Protection Act	SaaS	Software as a service
EPS	Earnings per share	SCB	Stress Capital Buffer
ERM	Enterprise Risk Management	SEC	Securities and Exchange Commission
ESG	Environmental, social and governance	SIFI	Systemically important financial institutions
ETF	Exchange-Traded Fund	SLB	Stress Leverage Buffer
EURIBOR	Euro Interbank Offered Rate	SLR ⁽¹⁾	Supplementary leverage ratio
E.U.	European Union	SOFR	Secured Overnight Financing Rate
EVE	Economic value of equity	SPDR	Spider; Standard and Poor's depository receipt
FDIC	Federal Deposit Insurance Corporation	SPOE Strategy	Single Point of Entry Strategy
FHLB	Federal Home Loan Bank of Boston	SSIF	State Street Intermediate Funding, LLC
FICC	Fixed Income Clearing Corporation	TLAC ⁽¹⁾	Total loss-absorbing capacity
FRC	Financial Risk Committee	TMRC	Trading and Markets Risk Committee
FTE	Fully taxable-equivalent	TOPS	Technology and Operations Committee
FSOC	Financial Stability Oversight Council	TORC	Technology and Operational Risk Committee
FX	Foreign exchange	UCITS	Undertakings for Collective Investments in Transferable Securities
GAAP	Generally accepted accounting principles	U.K.	United Kingdom
GCR	Global credit review	UOM	Unit of measure
GDPR	General data protection regulation	U.S.	United States of America
G-SIB	Global systemically important bank	USD	U.S. dollar
HQLA ⁽¹⁾	High-quality liquid assets	VaR	Value-at-Risk
HTM	Held-to-maturity	VIE	Variable interest entity

⁽¹⁾ As defined by the applicable U.S. regulations.

GLOSSARY

Asset-backed securities: A financial security backed by collateralized assets, other than real estate or mortgage backed securities.

Assets under custody and/or administration: Assets that we hold directly or indirectly on behalf of clients under a safekeeping or custody arrangement or for which we provide administrative services for clients. To the extent that we provide more than one AUC/A service (including back and middle office services) for a client's assets, the value of the asset is only counted once in the total amount of AUC/A.

Assets under management: The total market value of client assets for which we provide investment management strategy services, advisory services and/or distribution services generating management fees based on a percentage of the assets' market values. These client assets are not included on our balance sheet. Assets under management include managed assets lost but not liquidated. Lost business occurs from time to time and it is difficult to predict the timing of client behavior in transitioning these assets as the timing can vary significantly.

Certificates of deposit: A savings certificate with a fixed maturity date, specified fixed interest rate and can be issued in any denomination aside from minimum investment requirements. A CD restricts access to the funds until the maturity date of the investment.

Collateralized loan obligations: A loan or security backed by a pool of debt, primarily senior secured leveraged loans. CLOs are similar to collateralized mortgage obligations, except for the different type of underlying loan. With a CLO, the investor receives scheduled loan or debt payments from the underlying loans, assuming most of the risk in the event borrowers default, but is offered greater diversity and the potential for higher-than-average returns.

Commercial real estate: Property intended to generate profit from capital gains or rental income. CRE loans are term loans secured by commercial and multifamily properties. We seek CRE loans with strong competitive positions in major domestic markets, stable cash flows, modest leverage and experienced institutional ownership.

Deposit beta: A measure of how much of an interest rate increase is expected to be passed on to client interest-bearing accounts, on average.

Doubtful: Doubtful loans meet the same definition of substandard loans (i.e., well-defined weaknesses that jeopardize repayment with the possibility that we will sustain some loss) with the added characteristic that the weaknesses make collection or liquidation in full highly questionable and improbable.

Economic value of equity: A measure designed to estimate the fair value of assets, liabilities and off-balance sheet instruments based on a discounted cash flow model.

Exchange-Traded Fund: A type of exchange-traded investment product that offer investors a way to pool their money in a fund that makes investments in stocks, bonds, or other assets and, in return, to receive an interest in that investment pool. ETF shares are traded on a national stock exchange and at market prices that may or may not be the same as the net asset value.

Exposure-at-default: A measure used in the calculation of regulatory capital under Basel III final rule. It can be defined as the expected amount of loss a bank may be exposed to upon default of an obligor.

Global systemically important bank: A financial institution whose distress or disorderly failure, because of its size, complexity and systemic interconnectedness, would cause significant disruption to the wider financial system and economic activity, which will be subject to additional capital requirements.

Held-to-maturity investment securities: We classify investments in debt securities as held-to-maturity only if we have the positive intent and ability to hold those securities to maturity. Investments in debt securities classified as held-to-maturity are measured subsequently at amortized cost in the statement of financial position.

High-quality liquid assets: Cash or assets that can be converted into cash at little or no loss of value in private markets and are considered unencumbered.

Investment grade: A rating of loans and leases to counterparties with strong credit quality and low expected credit risk and probability of default. It applies to counterparties with a strong capacity to support the timely repayment of any financial commitment.

Liquidity coverage ratio: The ratio of encumbered high-quality liquid assets divided by expected total net cash outflows over a 30-day stress period. A Basel III framework requirement for banks and bank holding companies to measure liquidity, it is designed to ensure that certain banking institutions, including us, maintain a minimum amount of unencumbered HQLA sufficient to withstand the net cash outflow under a hypothetical standardized acute liquidity stress scenario for a 30-day stress period.

Net asset value: The amount of net assets attributable to each share/unit of the fund at a specific date or time.

Net stable funding ratio: The ratio of the amount of available stable funding relative to the amount of required stable funding. This ratio should be equal to at least 100% on an ongoing basis.

On-premises revenue: Revenue derived from locally installed software.

Prime services: The securities lending business previously referred to as enhanced custody.

Probability of default: A measure of the likelihood that a credit obligor will enter into default status.

Qualified financial contracts: Securities contracts, commodity contracts, forward contracts, repurchase agreements, swap agreements and any other contract determined by the FDIC to be a qualified financial contract.

Risk-weighted assets: A measurement used to quantify risk inherent in our on and off-balance sheet assets by adjusting the asset value for risk. RWA is used in the calculation of our risk-based capital ratios.

Software-enabled revenue: Includes SaaS, maintenance and support revenue, FIX, brokerage, and value-add services.

Special mention: Loans that consist of counterparties with potential weaknesses that, if uncorrected, may result in deterioration of repayment prospects.

Speculative: Loans that consist of counterparties that face ongoing uncertainties or exposure to business, financial, or economic downturns. However, these counterparties may have financial flexibility or access to financial alternatives, which allow for financial commitments to be met.

Substandard: Loans that consist of counterparties with well-defined weakness that jeopardizes repayment with the possibility we will sustain some loss.

Supplementary leverage ratio: The ratio of our tier 1 capital to our total leverage exposure, which measures our capital adequacy relative to our on and off-balance sheet assets.

Total loss-absorbing capacity: The sum of our tier 1 regulatory capital plus eligible external long-term debt issued by us.

Value-at-Risk: Statistical model used to measure the potential loss in value of a portfolio that could occur in normal markets condition, over a defined holding period, within a certain confidence level.

Variable interest entity: An entity that: (1) lacks enough equity investment at risk to permit the entity to finance its activities without additional financial support from other parties; (2) has equity owners that lack the right to make significant decisions affecting the entity's operations; and/or (3) has equity owners that do not have an obligation to absorb or the right to receive the entity's losses or return.

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

None.

ITEM 9A. CONTROLS AND PROCEDURES

State Street has established and maintains disclosure controls and procedures that are designed to ensure that material information related to State Street and its subsidiaries on a consolidated basis required to be disclosed in its reports filed or submitted under the Securities Exchange Act of 1934 is recorded, processed, summarized, and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to State Street's management, including its Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure. For the year ended December 31, 2024, State Street's management carried out an evaluation, with the participation of the Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of State Street's disclosure controls and procedures. Based on the evaluation of these disclosure controls and procedures, the Chief Executive Officer and Chief Financial Officer concluded that State Street's disclosure controls and procedures were effective as of December 31, 2024.

State Street has also established and maintains internal control over financial reporting as a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in conformity with U.S. GAAP. In the ordinary course of business, State Street routinely enhances its internal controls and procedures for financial reporting by either upgrading its current systems or implementing new systems. Changes have been made and may be made to State Street's internal controls and procedures for financial reporting as a result of these efforts. During the quarter ended December 31, 2024, no change occurred in State Street's internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, State Street's internal control over financial reporting.

INTERNAL CONTROL OVER FINANCIAL REPORTING

Management's Report on Internal Control Over Financial Reporting

The management of State Street is responsible for establishing and maintaining adequate internal control over financial reporting.

State Street'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 accounting principles generally accepted in the United States of America. State Street'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 State Street; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with accounting principles generally accepted in the United States of America, and that receipts and expenditures of State Street are being made only in accordance with authorizations of management and directors of State Street; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of State Street'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.

Management assessed the effectiveness of State Street's internal control over financial reporting as of December 31, 2024 based on the framework set forth by the Committee of Sponsoring Organizations of the Treadway Commission in *Internal Control - Integrated Framework (2013)*.

Based on that assessment, management concluded that, as of December 31, 2024, State Street's internal control over financial reporting is effective.

The effectiveness of State Street's internal control over financial reporting as of December 31, 2024 has been audited by Ernst & Young LLP, an independent registered public accounting firm, as stated in their accompanying report, which follows this report.

Report of Independent Registered Public Accounting Firm

To the Shareholders and the Board of Directors of State Street Corporation

Opinion on Internal Control Over Financial Reporting

We have audited State Street Corporation's internal control over financial reporting as of December 31, 2024, based on criteria established in Internal Control—Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) (the COSO criteria). In our opinion, State Street Corporation (the Corporation) maintained, in all material respects, effective internal control over financial reporting as of December 31, 2024, based on the COSO criteria.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the 2024 consolidated financial statements of the Corporation and our report dated February 13, 2025 expressed an unqualified opinion thereon.

Basis for Opinion

The Corporation's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting included in the accompanying Management's Report on Internal Control Over Financial Reporting. Our responsibility is to express an opinion on the Corporation's internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Corporation in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects.

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

Definition and Limitations of Internal Control Over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

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

/s/ Ernst & Young LLP

Boston, Massachusetts

February 13, 2025

ITEM 9B. OTHER INFORMATION

Securities Trading Plans of Directors and Executive Officers

A significant portion of the compensation of our executive officers is delivered in the form of deferred equity awards, including deferred stock and performance-based restricted stock unit awards. This compensation design is intended to align executive compensation with the performance experienced by our shareholders. Following the delivery of shares of our common stock under those equity awards, once any applicable service-, time- or performance-based vesting standards have been satisfied, our executive officers from time to time engage in the open-market sale of some of those shares. Our executive officers may also engage from time to time in other transactions involving our securities.

Transactions in our securities by our executive officers are required to be made in accordance with our Securities Trading Policy, which, among other things, requires that the transactions be in accordance with applicable U.S. federal securities laws that prohibit trading while in possession of material nonpublic information. Rule 10b5-1 under the Exchange Act provides an affirmative defense that enables prearranged transactions in securities in a manner that avoids concerns about initiating transactions at a future date while possibly in possession of material nonpublic information. Our Securities Trading Policy permits our executive officers to enter into trading plans designed to comply with Rule 10b5-1.

During the fourth quarter of 2024, none of our executive officers or directors adopted or terminated a Rule 10b5-1 trading plan or a non-Rule 10b5-1 trading arrangement (as defined in Item 408(c) of Regulation S-K).

ITEM 9C. DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONS

None.

PART III

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

Information concerning our directors will appear in our Proxy Statement for the 2025 Annual Meeting of Shareholders, to be filed pursuant to Regulation 14A on or before April 30, 2025, referred to as the 2025 Proxy Statement, under the caption "Election of Directors." Information concerning compliance with Section 16(a) of the Exchange Act, if required, will appear in our 2025 Proxy Statement under the caption "Delinquent Section 16(a) Reports." Information concerning our Code of Ethics for Senior Financial Officers and our Examining and Audit Committee will appear in our 2025 Proxy Statement under the caption "Corporate Governance at State Street." Information concerning our Securities Trading Policy will appear in our 2025 Proxy Statement under the caption "Executive Equity Ownership Guidelines, Practices and Policies." A copy of our Securities Trading Policy is filed as Exhibit 19 to this Form 10-K. Such information is incorporated herein by reference.

Information about our executive officers is included under Part I.

ITEM 11. EXECUTIVE COMPENSATION

Information in response to this item will appear in our 2025 Proxy Statement under the captions "Executive Compensation" and "Non-Management Director Compensation." Such information (other than the information required by Item 402(v) of Regulation S-K) is incorporated herein by reference.

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

Information concerning security ownership of certain beneficial owners and management will appear in our 2025 Proxy Statement under the caption "Security Ownership of Certain Beneficial Owners and Management." Such information is incorporated herein by reference.

RELATED STOCKHOLDER MATTERS

The following table presents the number of outstanding common stock awards, options, warrants and rights granted by State Street to participants in our equity compensation plans, as well as the number of securities available for future issuance under these plans, as of December 31, 2024. The table provides this information separately for equity compensation plans that have and have not been approved by shareholders. Shares presented in the table and in the footnotes following the table are stated in thousands of shares.

(Shares in thousands)	(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 ⁽¹⁾	(c) Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a))
Plan category:			
Equity compensation plans approved by shareholders	6,898 ⁽²⁾	\$ —	18,255
Equity compensation plans not approved by shareholders	7 ⁽³⁾	—	—
Total	6,905	—	18,255

⁽¹⁾ Excludes deferred stock awards and performance awards for which there is no exercise price.

⁽²⁾ Consists of 4,859 thousand shares subject to deferred stock awards, zero shares subject to stock options, zero stock appreciation rights and 2,039 thousand shares subject to performance awards (assuming payout at 100% for all awards, including awards for which performance is uncertain).

⁽³⁾ Consists of shares subject to deferral.

Individual directors who are not our employees have received stock awards and cash retainers, both of which may be deferred. Directors may elect to receive shares of our common stock in place of cash. If payment is in the form of common stock, the number of shares is determined by dividing the approved cash amount by the closing price on the date of the annual shareholders' meeting or date of grant, if different. All deferred shares, whether stock awards or common stock received in place of cash retainers, are increased to reflect dividends paid on the common stock and, for certain directors, may include share amounts in respect of an accrual under a terminated retirement plan.

Pursuant to State Street's Deferred Compensation Plan for Directors, non-employee directors may elect to defer the receipt of 0% or 100% of their (1) retainers, (2) meeting fees or (3) annual equity grant award. Non-employee directors also may elect to receive their retainers in cash or shares of common stock. Non-employee directors who elect to defer the cash payment of their retainers or meeting fees may choose from four notional investment fund returns for such deferred cash. Deferrals of common stock are adjusted to reflect the hypothetical reinvestment in additional shares of common stock for any dividends or distributions on State Street common stock. Deferred amounts will be paid (a) as elected by the non-employee director, on either the date of their termination of service on the Board or on the earlier of such termination and a future date specified, and (b) in the form elected by the non-employee director as either a lump sum or in installments over a two- to five-year period.

Stock awards totaling 287,895 shares of common stock were outstanding as of December 31, 2024; awards made through June 30, 2003, totaling 7,294 shares outstanding as of December 31, 2024, have not been approved by shareholders. There are no other equity compensation plans under which our equity securities are authorized for issuance that have been adopted without shareholder approval. Awards of stock made or retainer shares paid to individual directors after June 30, 2003 have been or will be made under our 1997, 2006 or 2017 Equity Incentive Plan, which were approved by shareholders.

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

Information concerning certain relationships and related transactions and director independence will appear in our 2025 Proxy Statement under the caption "Corporate Governance at State Street." Such information is incorporated herein by reference.

ITEM 14. PRINCIPAL ACCOUNTING FEES AND SERVICES

Information concerning principal accounting fees and services and the Examining and Audit Committee's pre-approval policies and procedures will appear in our 2025 Proxy Statement under the caption "Examining and Audit Committee Matters." Such information is incorporated herein by reference.

PART IV.

ITEM 15. EXHIBITS, FINANCIAL STATEMENT SCHEDULES

(A)(1) FINANCIAL STATEMENTS

The following consolidated financial statements of State Street are included in Item 8 hereof:

Report of Independent Registered Public Accounting Firm

Consolidated Statement of Income - Years ended December 31, 2024, 2023 and 2022

Consolidated Statement of Comprehensive Income - Years ended December 31, 2024, 2023 and 2022

Consolidated Statement of Condition - As of December 31, 2024 and 2023

Consolidated Statement of Changes in Shareholders' Equity - Years ended December 31, 2024, 2023 and 2022

Consolidated Statement of Cash Flows - Years ended December 31, 2024, 2023 and 2022

Notes to Consolidated Financial Statements

(A)(2) FINANCIAL STATEMENT SCHEDULES

Certain schedules to the consolidated financial statements have been omitted if they were not required by Article 9 of Regulation S-X or if, under the related instructions, they were inapplicable, or the information was contained elsewhere herein.

(A)(3) EXHIBITS

The exhibits listed in the Exhibit Index preceding the signature page in this Form 10-K are filed herewith or are incorporated herein by reference to other SEC filings.

ITEM 16. FORM 10-K SUMMARY

Not applicable.

EXHIBIT INDEX

- * 3.1 Restated Articles of Organization, as amended
 - * 3.2 By-laws, as amended (filed as Exhibit 3.1 to State Street's Current Report on Form 8-K (File No.001-07511) filed with the SEC on December 16, 2022 and incorporated herein by reference)
 - * 4.1 Description of Securities Registered under Section 12 of the Exchange Act
 - * 4.2 Deposit Agreement dated April 11, 2016, among State Street Corporation, American Stock Transfer & Trust Company, LLC (as depository) and the holders from time to time of depository receipts (filed as Exhibit 4.1 to State Street's Current Report on Form 8-K (File No. 001-7511) dated April 11, 2016 filed with the SEC on April 11, 2016 and incorporated herein by reference)
 - * 4.3 Deposit Agreement, dated January 31, 2024, among State Street Corporation, Equiniti Trust Company, LLC (as depository), and the holders from time to time of the depository receipts (filed as Exhibit 4.3 to State Street's Current Report on Form 8-K (File No. 001-07511), filed with the SEC on January 31, 2024 and incorporated herein by reference)
 - * 4.4 Deposit Agreement, dated July 24, 2024, among State Street Corporation, Equiniti Trust Company, LLC (as depository), and the holders from time to time of the depository receipts (filed as Exhibit 4.3 to State Street's Current Report on Form 8-K (File No. 001-07511), filed with the SEC on July 24, 2024 and incorporated herein by reference)
 - * 4.5 Deposit Agreement dated February 6, 2025, among State Street Corporation, Equiniti Trust Company LLC (as depository), and the holders from time to time of the depository receipts (filed as Exhibit 4.3 to State Street's Current Report on Form 8-K (File No. 001-07511), filed with the SEC on February 6, 2025 and incorporated herein by reference)
- (Note: None of the instruments defining the rights of holders of State Street's outstanding long-term debt are in respect of indebtedness in excess of 10% of the total assets of State Street and its subsidiaries on a consolidated basis. State Street hereby agrees to furnish to the SEC upon request a copy of any other instrument with respect to long-term debt of State Street and its subsidiaries.)
- * 10.1† State Street's Executive Supplemental Retirement Plan, as amended and restated, and First, Second and Third Amendments thereto (filed as Exhibit 10.2 to State Street's Annual Report on Form 10-K (File No. 001-07511) for the year ended December 31, 2020 filed with the SEC on February 19, 2021 and incorporated herein by reference)
 - * 10.2† Supplemental Cash Incentive Plan, as amended, First and Second Amendments thereto, and form of award agreement thereunder (filed as Exhibit 10.1 to State Street's Quarterly Report on Form 10-Q (File No. 001-07511) for the quarter ended March 31, 2024 filed with the SEC on May 2, 2024 and incorporated herein by reference)
 - * 10.3A† State Street's Amended and Restated 2017 Stock Incentive Plan (filed as Exhibit 99.1 to State Street's Current Report on Form 8-K (File No. 001-07511) filed with the SEC on May 19, 2023 and incorporated herein by reference)
 - * 10.3B† Forms of Deferred Stock Award and Cash-Settled Restricted Stock Unit Award Agreements under State Street's Amended and Restated 2017 Stock Incentive Plan (filed as Exhibit 10.2 to State Street's Quarterly Report on Form 10-Q (File No. 001-07511) for the quarter ended March 31, 2024 filed with the SEC on May 2, 2024 and incorporated herein by reference)
 - * 10.3C† Form of Restricted Stock Unit Award Agreement with Performance Criteria under State Street's Amended and Restated 2017 Stock Incentive Plan
 - * 10.3D† State Street's Performance-Based Restricted Stock Units Risk Adjustment Guidelines for EVPs in EMEA, effective December 20, 2024
 - * 10.4† State Street's Management Supplemental Savings Plan, Amended and Restated Effective as of September 1, 2024 ("MSSP") (filed as Exhibit 4.3 to State Street's Registration Statement on Form S-8 filed with the SEC on September 20, 2024 and incorporated herein by reference)
 - * 10.5† State Street's Rabbi Trust Agreement applicable to the MSSP dated June 1, 2002 (filed as Exhibit 10.2 to State Street's Quarterly Report on Form 10-Q (File No. 001-07511) for the quarter ended September 30, 2024 filed with the SEC on October 31, 2024 and incorporated herein by reference)

- * 10.6† Deferred Compensation Plan for Directors of State Street Corporation, Restated January 1, 2007, as amended (filed as Exhibit 10.12 to State Street's Annual Report on Form 10-K (File No. 001-07511) for the year ended December 31, 2011 filed with the SEC on February 27, 2012 and incorporated herein by reference)
- * 10.7† Deferred Compensation Plan for Directors of State Street Corporation, Restated January 1, 2021, as amended (filed as Exhibit 10.1 to State Street's Quarterly Report on Form 10-Q (File No. 001-07511) for the quarter ended June 30, 2020 filed with the SEC on July 27, 2020 and incorporated herein by reference)
- * 10.8 Deferred Prosecution Agreement dated January 17, 2017 between State Street Corporation and the U.S. Department of Justice and United States Attorney for the District of Massachusetts (filed as Exhibit 10.14 to State Street's Annual Report on Form 10-K (File No. 001-07511) for the year ended December 31, 2016 filed with the SEC on February 17, 2017 and incorporated herein by reference)
- * 10.9 Deferred Prosecution Agreement dated May 13, 2021 between State Street Corporation and the Office of the United States Attorney for the District of Massachusetts (filed as Exhibit 10.1 to State Street's Current Report on Form 8-K (File No. 001-07511) filed with the SEC on May 14, 2021 and incorporated herein by reference)
- * 10.10† Description of compensation arrangements for non-employee directors filed as Exhibit 10.2 to State Street's Quarterly Report on Form 10-Q (File No. 001-07511) for the quarter ended June 30, 2022 filed with the SEC on July 28, 2022 and incorporated herein by reference)
- * 10.11† State Street's Rabbi Trust Agreement applicable to various nonqualified deferred compensation plans, dated June 1, 2002, as amended effective January 1, 2013 (filed as Exhibit 10.22 to State Street's Annual Report on Form 10-K (File No. 001-07511) for the year ended December 31, 2017 filed with the SEC on February 26, 2018 and incorporated herein by reference)
- * 10.12A† Form of Indemnification Agreement between State Street Corporation and each of its directors (filed as Exhibit 10.18A to State Street's Annual Report on Form 10-K (File No. 001-07511) for the year ended December 31, 2013 filed with the SEC on February 21, 2014 and incorporated herein by reference)
- * 10.12B† Form of Indemnification Agreement between State Street Corporation and each of its executive officers (filed as Exhibit 10.18B to State Street's Annual Report on Form 10-K (File No. 001-07511) for the year ended December 31, 2013 filed with the SEC on February 21, 2014 and incorporated herein by reference)
- * 10.12C† Form of Indemnification Agreement between State Street Bank and Trust Company and each of its directors (filed as Exhibit 10.18C to State Street's Annual Report on Form 10-K (File No. 001-07511) for the year ended December 31, 2013 filed with the SEC on February 21, 2014 and incorporated herein by reference)
- * 10.12D† Form of Indemnification Agreement between State Street Bank and Trust Company and each of its executive officers (filed as Exhibit 10.18D to State Street's Annual Report on Form 10-K (File No. 001-07511) for the year ended December 31, 2013 filed with the SEC on February 21, 2014 and incorporated herein by reference)
- * 10.13† Form of employment agreement for executive officers in the United States and Germany
- * 10.14† Employment Letter Agreement entered into with Bradford Hu dated October 20, 2021 (filed as Exhibit 10.3 to State Street's Quarterly Report on Form 10-Q (File No. 001-07511) for the quarter ended March 31, 2024 filed with the SEC on May 2, 2024 and incorporated herein by reference)
- * 10.15† Employment Letter Agreement entered into with Joerg Ambrosius effective March 31, 2019
- * 10.16† Role-Based Allowance Agreements entered into with Joerg Ambrosius dated May 5, 2022 and September 9, 2024
- * 10.17† Employment Letter Agreement entered into with Yie-Hsin Hung dated September 9, 2022 (filed as Exhibit 10.13 to State Street's Annual Report on Form 10-K (File No. 001-07511) for the year ended December 31, 2023 filed with the SEC on February 15, 2024 and incorporated herein by reference)
- * 10.18† Employment Letter Agreement entered into with Eric Aboaf dated September 22, 2016 (filed as Exhibit 10.1 to State Street's Current Report on Form 8-K (File No. 001-07511) dated September 28, 2016 filed with the SEC on September 28, 2016 and incorporated herein by reference)

* 10.19†	State Street Corporation Incentive Compensation Program, Effective January 1, 2022, (filed as Exhibit 10.17 to State Street's Annual Report on Form 10-K (File No. 001-7511) for the year ended December 31, 2022 filed with the SEC on February 16, 2023 and incorporated herein by reference)
* 10.20†	State Street Corporation Cash Award Plan, Effective January 1, 2019 (filed as Exhibit 10.25 to State Street's Annual Report on Form 10-K (File No. 001-07511) for the year ended December 31, 2018 filed with the SEC on February 21, 2019 and incorporated herein by reference)
* 19	Securities Trading Policy
* 21	Subsidiaries of State Street Corporation
* 23	Consent of Independent Registered Public Accounting Firm
31.1	Rule 13a-14(a)/15d-14(a) Certification of Chairman, Chief Executive Officer and President
31.2	Rule 13a-14(a)/15d-14(a) Certification of Chief Financial Officer
32	Section 1350 Certifications
* 97	State Street Compensation Recovery Policy
* 101.INS	The instance document does not appear in the interactive data file because its XBRL tags are embedded within the inline XBRL document
* 101.SCH	Inline XBRL Taxonomy Extension Schema Document
* 101.CAL	Inline XBRL Taxonomy Calculation Linkbase Document
* 101.DEF	Inline XBRL Taxonomy Extension Definition Linkbase Document
* 101.LAB	Inline XBRL Taxonomy Label Linkbase Document
* 101.PRE	Inline XBRL Taxonomy Presentation Linkbase Document
* 104	Cover Page Interactive Data File (formatted as Inline XBRL and included within the Exhibit 101 attachments)

† Denotes management contract or compensatory plan or arrangement

* Exhibit filed with the SEC, but not printed herein

Attached as Exhibit 101 to this report are the following formatted in iXBRL (Inline Extensible Business Reporting Language): (i) consolidated statement of income for the years ended December 31, 2024, 2023 and 2022, (ii) consolidated statement of comprehensive income for the years ended December 31, 2024, 2023 and 2022, (iii) consolidated statement of condition as of December 31, 2024 and 2023, (iv) consolidated statement of changes in shareholders' equity for the years ended December 31, 2024, 2023 and 2022, (v) consolidated statement of cash flows for the years ended December 31, 2024, 2023 and 2022, and (vi) notes to consolidated financial statements.

SIGNATURES

Pursuant to the requirement 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, on February 13, 2025, hereunto duly authorized.

STATE STREET CORPORATION

By /s/ ERIC W. ABOAF

ERIC W. ABOAF,
Vice Chairman and Chief Financial Officer

By /s/ ELIZABETH M. SCHAEFER

ELIZABETH M. SCHAEFER,
Senior Vice President and Chief Accounting Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below on February 13, 2025, by the following persons on behalf of the registrant and in the capacities indicated.

OFFICERS:

/s/ RONALD P. O'HANLEY

RONALD P. O'HANLEY,
Chairman, Chief Executive Officer and President

/s/ ERIC W. ABOAF

ERIC W. ABOAF,
Vice Chairman and Chief Financial Officer

/s/ ELIZABETH M. SCHAEFER

ELIZABETH M. SCHAEFER,
Senior Vice President and Chief Accounting Officer

DIRECTORS:

/s/ MARIE A. CHANDOHA

MARIE A. CHANDOHA

/s/ WILLIAM L. MEANEY

WILLIAM L. MEANEY

/s/ DONNALEE A. DEMAIO

DONNALEE A. DEMAIO

/s/ RONALD P. O'HANLEY

RONALD P. O'HANLEY

/s/ PATRICK de SAINT-AIGNAN

PATRICK de SAINT-AIGNAN

/s/ SEAN P. O'SULLIVAN

SEAN P. O'SULLIVAN

/s/ AMELIA C. FAWCETT

AMELIA C. FAWCETT

/s/ JULIO A. PORTALATIN

JULIO A. PORTALATIN

/s/ WILLIAM C. FREDA

WILLIAM C. FREDA

/s/ JOHN B. RHEA

JOHN B. RHEA

/s/ PATRICIA M. HALLIDAY

PATRICIA M. HALLIDAY

/s/ GREGORY L. SUMME

GREGORY L. SUMME

/s/ SARA MATHEW

SARA MATHEW

RULE 13a-14(a)/15d-14(a) CERTIFICATION

I, Eric W. Aboaf, certify that:

1. I have reviewed this Annual Report on Form 10-K of State Street Corporation;
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 the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 13, 2025

By: _____ /s/ ERIC W. ABOAF

Eric W. Aboaf,

Vice Chairman and Chief Financial Officer

Appendices

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- 1 Corporate Information
 - 2 Board of Directors
 - 3 Executive Leadership
 - 4 Global Locations
-

APPENDIX 1

Corporate Information

Corporate headquarters

State Street Corporation

One Congress Street

Boston, MA 02114-2016

Website: www.statestreet.com

General Inquiries: +1 617/786-3000

Annual meeting of shareholders

Wednesday, May 14, 2025, 9:00 a.m.

Conducted via live audio webcast at:

www.virtualshareholdermeeting.com/STT2025

Transfer agent

Registered shareholders wishing to change name or address information on their shares, transfer ownership of stock, deposit certificates, report lost certificates, consolidate accounts, authorize direct deposit of dividends, or receive information on our dividend reinvestment plan should contact:

Equiniti Trust Company, LLC

55 Challenger Road

Ridgefield Park, NJ 07660

EQ Shareholder Services Call Center

Phone (toll-free): +1 800/937-5449

Website: equiniti.com

Email: helpast@equiniti.com

Stock listing

State Street's common stock is listed on the New York Stock Exchange under the ticker symbol STT.

Shareholder information

For timely information about State Street's consolidated financial results and other matters of interest to shareholders, and to request copies of our news releases and financial reports by mail, please visit our website at:

investors.statestreet.com

For copies of our Forms 10-Q, quarterly earnings press releases, Forms 8-K, or additional copies of this annual report, please visit our website or write to Investor Relations at corporate headquarters at IR@statestreet.com. Copies are provided without charge.

Investors and analysts interested in additional financial information may contact our Investor Relations department at corporate headquarters. Phone: +1 617/664-3477.

APPENDIX 2

Board of Directors



Ronald P. O'Hanley

Chairman, Chief Executive Officer, and President, State Street Corporation



Amelia C. Fawcett

Lead Director, State Street Corporation, Retired Chairman, Kinnevik AB, a long-term-oriented investment company based in Sweden



Marie A. Chandoha

Retired President and Chief Executive Officer, Charles Schwab Investment Management, Inc., the investment management subsidiary of Charles Schwab Corporation



William C. Freda

Retired Senior Partner and Vice Chairman, Deloitte LLP, a global professional services firm



DonnaLee A. DeMaio

Retired Executive Vice President and Global Chief Operating Officer, American International Group, Inc. (AIG), a leading global insurance organization



Patricia Halliday

Retired Chief Risk Officer, Santander U.K. plc and Santander U.K. Group Holdings plc, both wholly-owned subsidiaries of Banco Santander S.A, a retail and commercial bank with a global presence based in Spain



Patrick de Saint-Aignan

Retired Managing Director and Advisory Director for Morgan Stanley, a global financial services firm



Sara Mathew

Retired Chairman and Chief Executive Officer, Dun & Bradstreet Corporation, an international commercial data and analytics firm



William L. Meaney

President, Chief Executive Officer, and Director, Iron Mountain, Inc., an information management and data backup and recovery company



Gregory L. Summe

Managing Partner and Founder, Glen Capital Partners, LLC, an alternative asset investment fund



Sean O'Sullivan

Retired Group Managing Director and Group Chief Operating Officer, HSBC Holdings, plc., a banking and financial services organization



Julio A. Portalatin

Retired President and Chief Executive Officer, Mercer Consulting Group, Inc., a business of Marsh & McLennan Companies



John B. Rhea

Partner, Centerview Partners LLC, an independent investment banking and advisory firm

APPENDIX 3

Executive Leadership

As of March 17, 2025



Ronald P. O'Hanley

Chairman, Chief Executive Officer,
and President, State Street
Corporation



Brian Franz

Executive Vice President,
Chief Information Officer and
Head of Enterprise Resiliency



Joerg Ambrosius

Executive Vice President,
President of Investment Services



Kathryn Horgan

Executive Vice President,
Chief Human Resources,
and Citizenship Officer



Anthony C. Bisegna

Executive Vice President,
Head of State Street
Global Markets



W. Bradford Hu

Executive Vice President,
Chief Risk Officer



Ann Fogarty

Executive Vice President,
Head of Global Delivery



Yie-Hsin Hung

President and Chief
Executive Officer, State Street
Global Advisors



Mark Keating

Executive Vice President,
Interim Chief Financial Officer



Mark Shelton

Executive Vice President,
General Counsel,
and Secretary



Donna Milrod

Executive Vice President,
Chief Product Officer



Mostapha Tahiri

Executive Vice President,
Chief Operating Officer



John Plansky

Executive Vice President,
Head of Wealth Services



Sarah Timby

Executive Vice President,
Chief Administrative Officer



Michael L. Richards

Executive Vice President,
Senior Advisor

APPENDIX 4

Global Locations

Australia

Brisbane City
Melbourne
Sydney

Austria

Vienna

Belgium

Brussels

Brazil

Sao Paulo

Brunei**Darussalam**

Bandar Seri
Begawan

Canada

Montreal
Toronto
Vancouver

Cayman Islands

Grand Cayman

Channel Islands**Jersey**

Saint Helier

Chile

Santiago

Colombia

Bogota

France

Paris

Germany

Frankfurt
Leipzig
Munich

India

Bangalore
Chennai
Coimbatore
Hyderabad
Mumbai
Pune

Ireland

Drogheda
Dublin
Kilkenny
Naas

Italy

Milan
Turin

Japan

Fukuoka
Tokyo

Luxembourg

Luxembourg

Malaysia

Kuala Lumpur

Mexico

Mexico City

Netherlands

Amsterdam

Oman

Muscat

**People's
Republic
of China**

Beijing
Hangzhou
Hong Kong
Shanghai

Poland

Gdansk
Krakow

Portugal

Lisbon

Saudi Arabia

Riyadh

Singapore

Singapore

South Korea

Jeonju
Seoul

Switzerland

Zurich

Taiwan

Taipei City

Thailand

Bangkok

**United Arab
Emirates**

Abu Dhabi
Dubai

United Kingdom

England
London

Scotland

Edinburgh

United States

Arizona
Scottsdale

California

Irvine
Sacramento

Connecticut

Stamford

Georgia

Atlanta

Illinois

Chicago

Massachusetts

Boston
Burlington
Cambridge
Quincy

Missouri

Kansas City

New Hampshire

Nashua

New Jersey

Clifton
Jersey City
Princeton

New York

New York City

North Carolina

Charlotte

Pennsylvania

Berwyn

Texas

Austin

Washington, DC

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State Street Corporation
One Congress Street, Boston, MA 02114

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